Pioneer sound.vision.soul

Service Manual

ORDER NO.
RRV3780

AUDIO/VIDEO MULTI-CHANNEL AMPLIFIER

SC-LX90

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Model	Type	Power Requirement	Remarks
SC-LX90	WYPWXJ5	AC 220 V to 240 V	
SC-LX90	WVLXJ5	AC 220 V to 240 V	
SC-LX90	LFXJ	AC 110 V	

This service manual should be used together with the following manual(s):

Model	Order No.	Remarks
SC-09TX/KUXJ/CA	RRV3708	BLOCK DIAGRAM, DIAGNOSIS, EXPLODED VIEWS, etc.
SC-09TX/KUXJ/CA	RRV3711	SCHEMATIC DIAGRAM, PCB CONNECTION DIAGRAM and PCB PARTS LIST.

For SPECIFICATIONS and PANEL FACILITIES, refer to the operating instructions.

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ⓒ**PIONEER CORPORATION 2008**

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1. EXPLODED VIEWS AND PARTS LIST

NOTES:
- *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
- *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
- *Screws adjacent to ▼ mark on product are used for disassembly.*
- *For the applying amount of lubricants or glue, follow the instructions in this manual. (In the case of no amount instructions, apply as you think it appropriate.)*
- *Nos. indicate the pages and Nos. in the service manual for the base model.*
- *When ordering resistors, first convert resistance values into code form as shown in the following examples.*

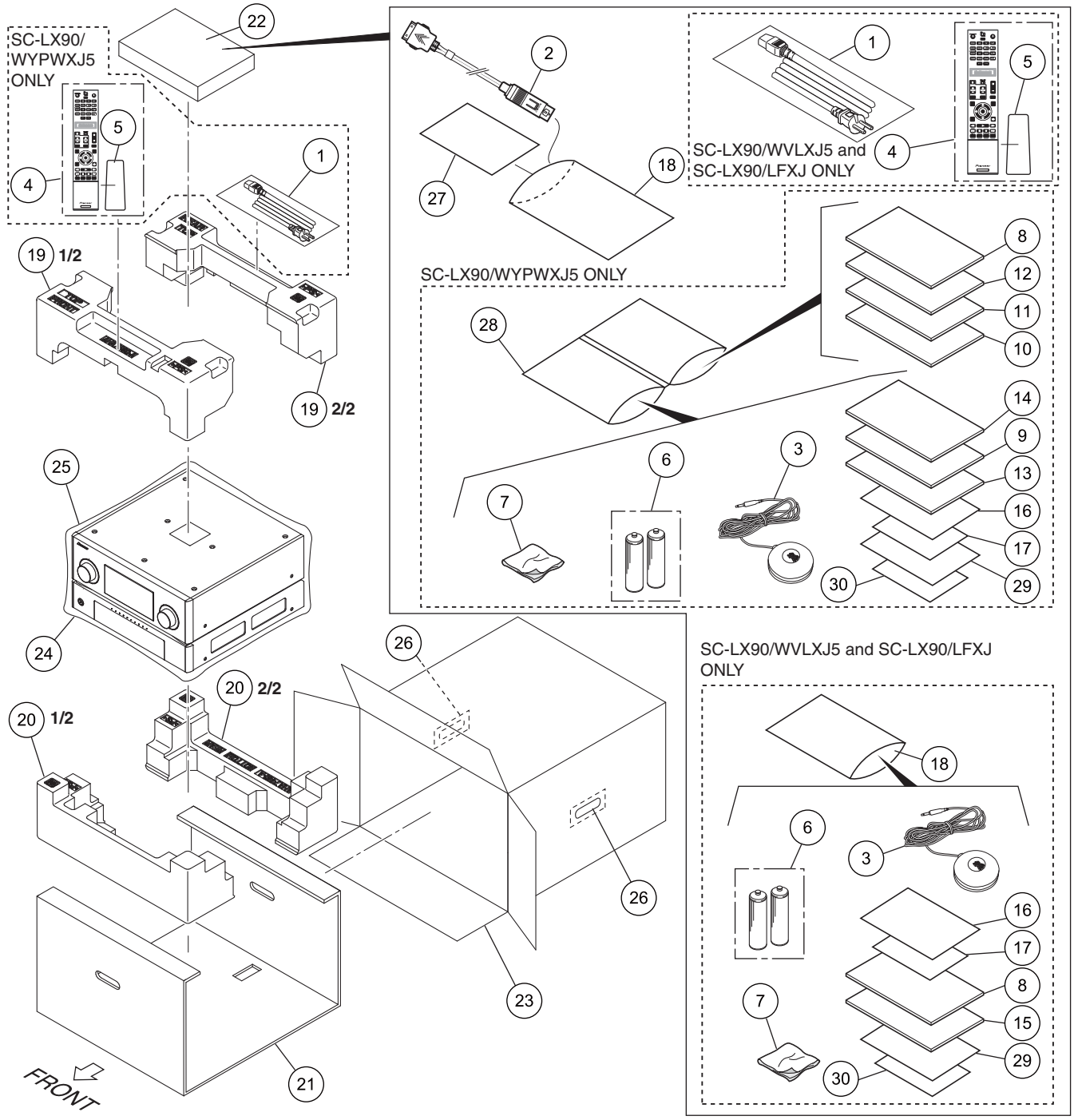
Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J=5%, and K=10%).

560Ω	→ 56 x 10^1 →	561	RD1/4PU561J
47kΩ	→ 47 x 10^3 →	473	RD1/4PU473J
0.5Ω	→ R50		RN2HR50K
1Ω	→ 1R0		RS1P1R0K

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62kΩ	→ 562 x 10^1 →	5621	RN1/4PC5622F

1.1 PACKING SECTION



(1) PACKING SECTION PARTS LIST

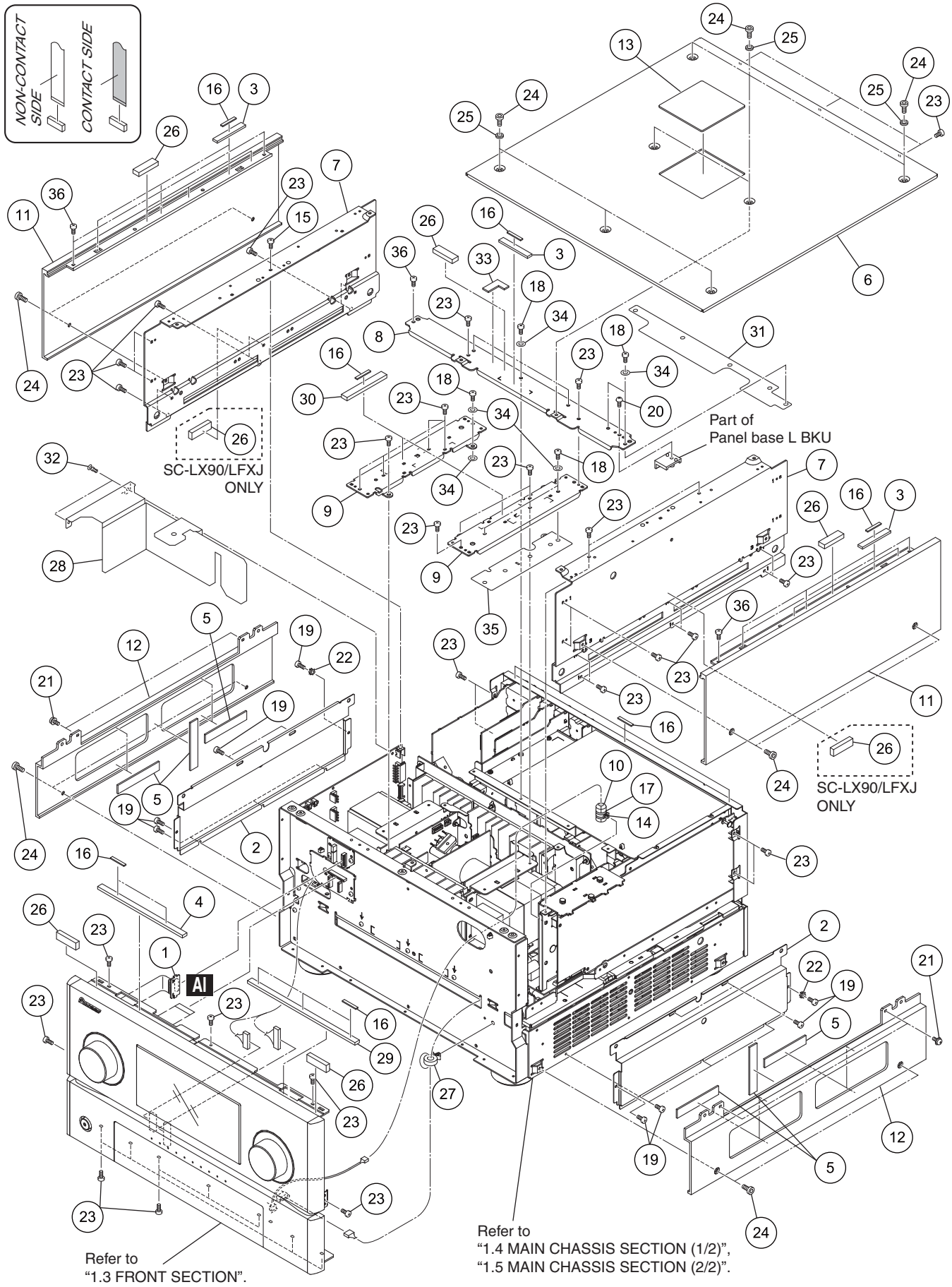
Mark	No.	Description	Part No.
⚠	1	Power Cord	See Contrast table (2)
	2	iPod Control Cable (30P)	ADE7126
	3	Setup Microphone (5m)	APM7007
	4	Remote Control Unit	AXD7467
	5	Battery Cover	AZN8031
NSP	6	Dry Cell Battery (R6P,AA)	XEX3004
	7	Wiping Cloth	AED1285
	8	Operating Instructions (English)	See Contrast table (2)
	9	Operating Instructions (Dutch)	See Contrast table (2)
	10	Operating Instructions (French)	See Contrast table (2)
	11	Operating Instructions (German)	See Contrast table (2)
	12	Operating Instructions (Italian)	See Contrast table (2)
	13	Operating Instructions (Russian)	See Contrast table (2)
	14	Operating Instructions (Spanish)	See Contrast table (2)
	15	Operating Instructions (Chinese)	See Contrast table (2)
	16	Caution Sheet SP,E	See Contrast table (2)
NSP	17	Warranty Card	See Contrast table (2)
NSP	18	Polyethylene Bag (0.06 x 230 x 340)	AHG7117
	19	Top Pad TER	AHA7460
	20	Bottom Pad TER	AHA7461
	21	Spacer TER A	AHB7177
	22	Accessory Box TER	AHB7153
	23	Packing Case TER	See Contrast table (2)
	24	Packing Sheet TER	AHG7133
	25	Packing Sheet TER NF	AHG7136
	26	Handle Cover	AHX7034
	27	iPod Caution Card	ARM7111
NSP	28	Polyethylene Bag	See Contrast table (2)
	29	Errata TER WY	See Contrast table (2)
	30	EU Battery Caution	See Contrast table (2)

(2) CONTRAST TABLE

SC-LX90/WYPWXJ5, SC-LX90/WVLXJ5 and SC-LX90/LFXJ are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-LX90/ WYPWXJ5	SC-LX90/ WVLXJ5	SC-LX90/ LFXJ
⚠	1	Power Cord	ADG7062	ADG7104	XDG3050
	8	Operating Instructions (English)	ARB7415	ARB7415	Not used
	9	Operating Instructions (Dutch)	ARC7874	Not used	Not used
	10	Operating Instructions (French)	ARC7872	Not used	Not used
	11	Operating Instructions (German)	ARC7871	Not used	Not used
	12	Operating Instructions (Italian)	ARC7870	Not used	Not used
	13	Operating Instructions (Russian)	ARC7875	Not used	Not used
	14	Operating Instructions (Spanish)	ARC7873	Not used	Not used
	15	Operating Instructions (Chinese)	Not used	Not used	ARC7876
	16	Caution Sheet SP,E	ARM7056	ARM7056	Not used
NSP	17	Warranty Card	ARY7128	ARY7128	Not used
	23	Packing Case TER	AHD8620	AHD8626	AHD8629
NSP	28	Polyethylene Bag	AHG7132	Not used	Not used
	29	Errata TER WY	ARX7113	ARX7113	Not used
	30	EU Battery Caution	ARM7120	ARM7120	Not used

1.2 EXTERIOR SECTION



(1) EXTERIOR SECTION PARTS LIST

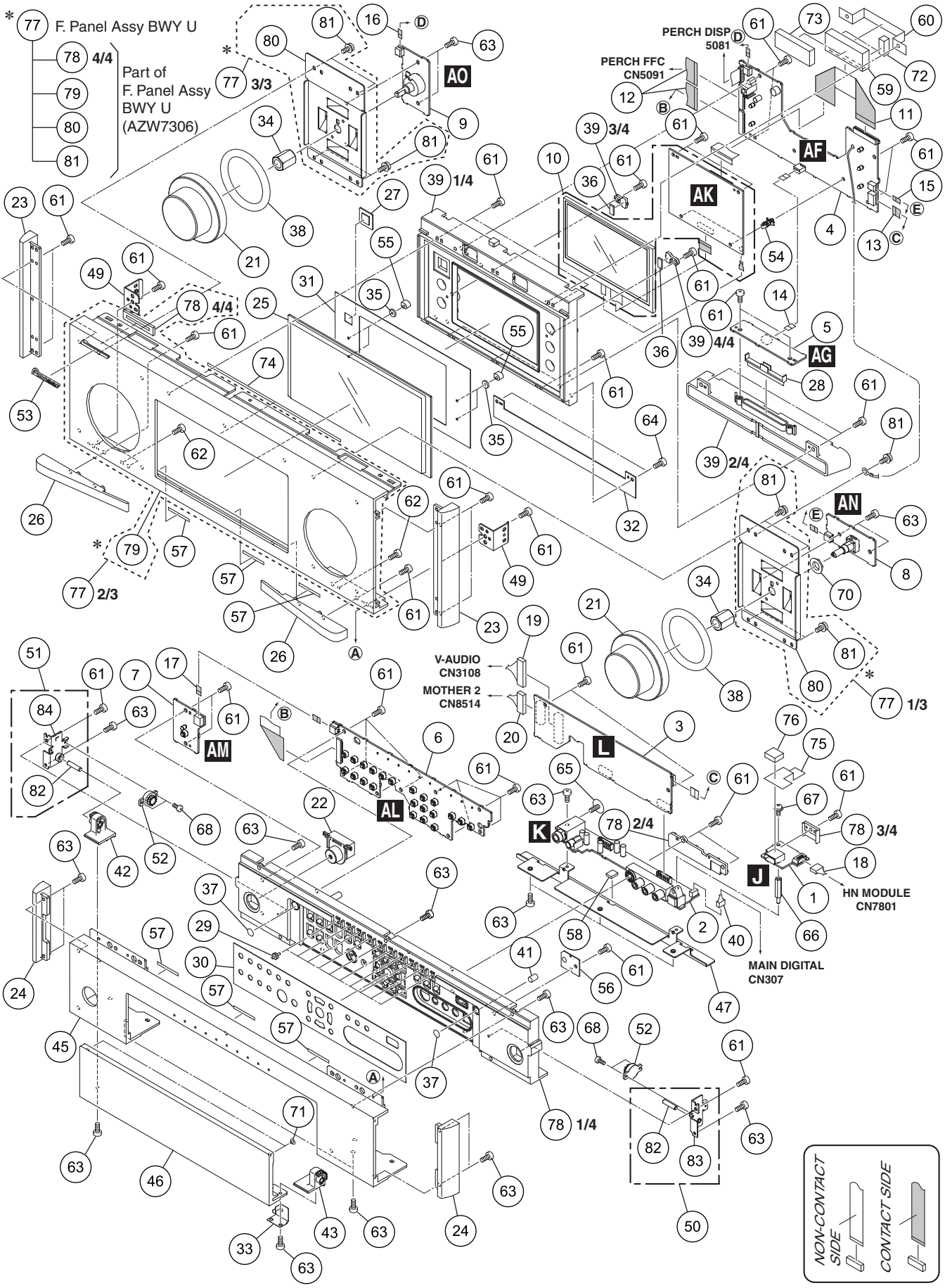
Mark	No.	Description	Part No.
	1	PERCH DISP Assy	AWX8783
	2	P.Metal B	AAP7100
	3	Spacer 3.5 x 8 x 50	AEB7381
	4	Spacer 4 x 8 x 150	AEB7400
	5	Cushion 2 x 13.5 x 73	AED7103
	6	Top Plate B	ANE7346
NSP	7	Side Angle	ANG7555
NSP	8	Beam L	ANG7568
NSP	9	Beam S	ANG7574
⚠	10	Ferrite Core (L1948)	ATX7009
	11	Side Panel BU	AAH7126
	12	Side Panel BL	AAH7130
	13	Name Plate	See Contrast table (2)
	14	Reuse Band	AEC7584
	15	Screw 3 x 8	ABA7131
	16	Spacer 7 x 45	AED7118
	17	Duct Cushion	AED7115
	18	Screw	BBZ30P080FTB
	19	Screw	BBZ30P060FCC
	20	Screw	VPZ30P100FTB
	21	Screw 3 x 10	ABA7134
	22	Washer	WH30FTC
	23	Screw	BBT30P060FTB
	24	Screw FBN 4 x 10	ABA7143
	25	Washer	WA42D080D050
	26	Gasket (6 x 6 x 25)	ANK7141
⚠	27	Ferrite Core (L1949)	ATX7010
	28	Shield Sheet D	AMR7546
	29	Spacer 4 x 8 x 190	AEB7401
	30	Spacer 5 x 10 x 70	AEB7402
	31	Insulation Sheet D	AEC7615
	32	Nylon Rivet	AEC7408
	33	Gasket Holder	AED7125
	34	Insulation Washer	AEC7617
	35	Insulation Sheet E	AEC7616
	36	Screw	CBZ30P080FTB

(2) CONTRAST TABLE

SC-LX90/WYPWXJ5, SC-LX90/WVLXJ5 and SC-LX90/LFXJ are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-LX90/ WYPWXJ5	SC-LX90/ WVLXJ5	SC-LX90/ LFXJ
	13	Name Plate	AAH7137	AAH7137	AAH7138

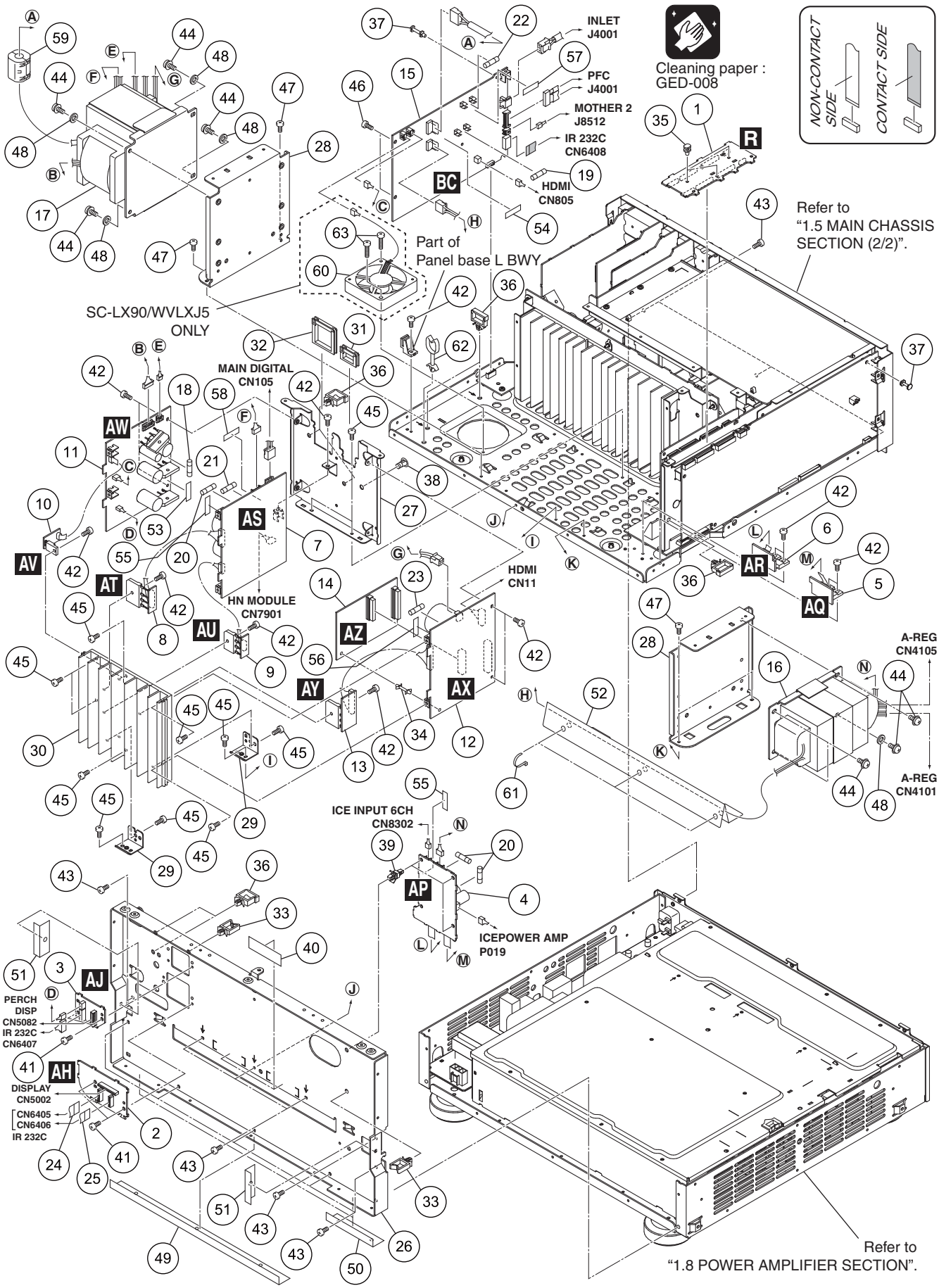
1.3 FRONT SECTION



FRONT SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	FRONT USB Assy	AWX8781
	2	FRONT INPUT Assy	AWX9329
	3	FRONT BUFF Assy	AWX8775
	4	DISPLAY Assy	AWX8777
	5	ICEBLUE Assy	AWX8780
	6	TACT Assy	AWX8730
	7	POWER SW Assy	AWX8755
	8	VOL ENCODER Assy	AWX8754
	9	FUNC ENCODER Assy	AWX8753
	10	5.1 TFT Module	AWV7006
	11	28P FFC (J1913)	ADD7557
	12	26P FFC (J1914,J1915)	ADD7558
	13	7P FFC (J1916)	ADD7562
	14	4P FFC (J1917)	ADD7629
	15	3P FFC (J1918)	ADD7630
	16	3P FFC (J1919)	ADD7631
	17	4P FFC (J1933)	ADD7632
	18	5P Housing Assy (J1934)	ADX7544
	19	15P Housing Assy (J1935)	ADX7645
	20	11P Housing Assy (J1936)	ADX7646
	21	Volume Knob B	AAA7042
	22	STANDBY BTN LXHY Assy	AAD7773
	23	Side Sash BU	AAH7119
	24	Side Sash BL	AAH7121
	25	Window	AAK8358
	26	Front Sash B	AAK8361
	27	IR Lens B	AAK8363\
	28	Center LED Lens	AAK8365
	29	LED Lens	AAK8367
	30	Door Sheet BWY	AAK8409
	31	Window Sheet BWY	AAK8410
	32	P.Metal Duct B	AAP7101
	33	Earth Spring	ABK7064
	34	Volume Hex. Nut	ABN7004
	35	LED Lens Spacer	AEC7568
	36	LCD Cushion	AED7099
	37	Cushion Circle 8B	AED7101
	38	Volume Cushion	AED7107
	39	Panel Base BU	AMB7946
	40	3P Housing Assy (J1952)	ADX7661
	41	Magnet	AMF7010
	42	Door Hinge L	AMR7524
	43	Door Hinge R	AMR7525
	44	•••••	
	45	F.Panel BWY L	ANB7437
	46	Door BWY	ANB7458
	47	Earth Plate Door	ANG7571
	48	•••••	
NSP	49	HS Angle DC	ANG7577
	50	Gear Holder R Assy	ANG7607
	51	Gear Holder L Assy	ANG7608
	52	Rotary Damper (90)	AXA7155
	53	Pioneer Badge	BAM1004
	54	Circuit Board Spacer	DEC2369
	55	LED Lens	PNW2019
	56	Magnet Cover R5	XNG3075
	57	Cushion 6 x 12	AED7113
	58	Cushion 7 x 7	AED7110
⚠	59	Ferrite Core (L1950)	ATX7011
	60	Ferrite Holder	AEC7610
	61	Screw	BPZ30P080FNI
	62	Screw	BBT30P060FTB
	63	Screw	BBZ30P080FTB
	64	Screw	BBZ30P180FCC
	65	Screw	ABA7110
	66	Hex.Spacer B	ABA7142
	67	Screw 3 x 8	ABA7076
	68	Screw	BSZ20P060FTC
	69	Screw	BBZ30P060FCC
	70	Flange Nut M9	DBN1008
	71	Screw	ABA7144
	72	Ferrite Cushion B	AEB7395
	73	Ferrite Cushion	AED7123
	74	Window Tape	AED7114
	75	Copper Foil Sheet	AMR7543
	76	USB Cushion	AED7122
	77	F.Panel Assy BWY U	AZW7306
	78	Panel Base L BWY	AMB7978
NSP	79	F.Panel BWY U	ANB7436
NSP	80	Volume Plate	ANG7573
	81	Screw 3 x 8	ABA7076
	82	Door Shaft	ALA7011
	83	Gear Holder R	ANG7569
	84	Gear Holder L	ANG7570

1.4 MAIN CHASSIS SECTION (1/2)



(1) MAIN CHASSIS SECTION (1/2) PARTS LIST

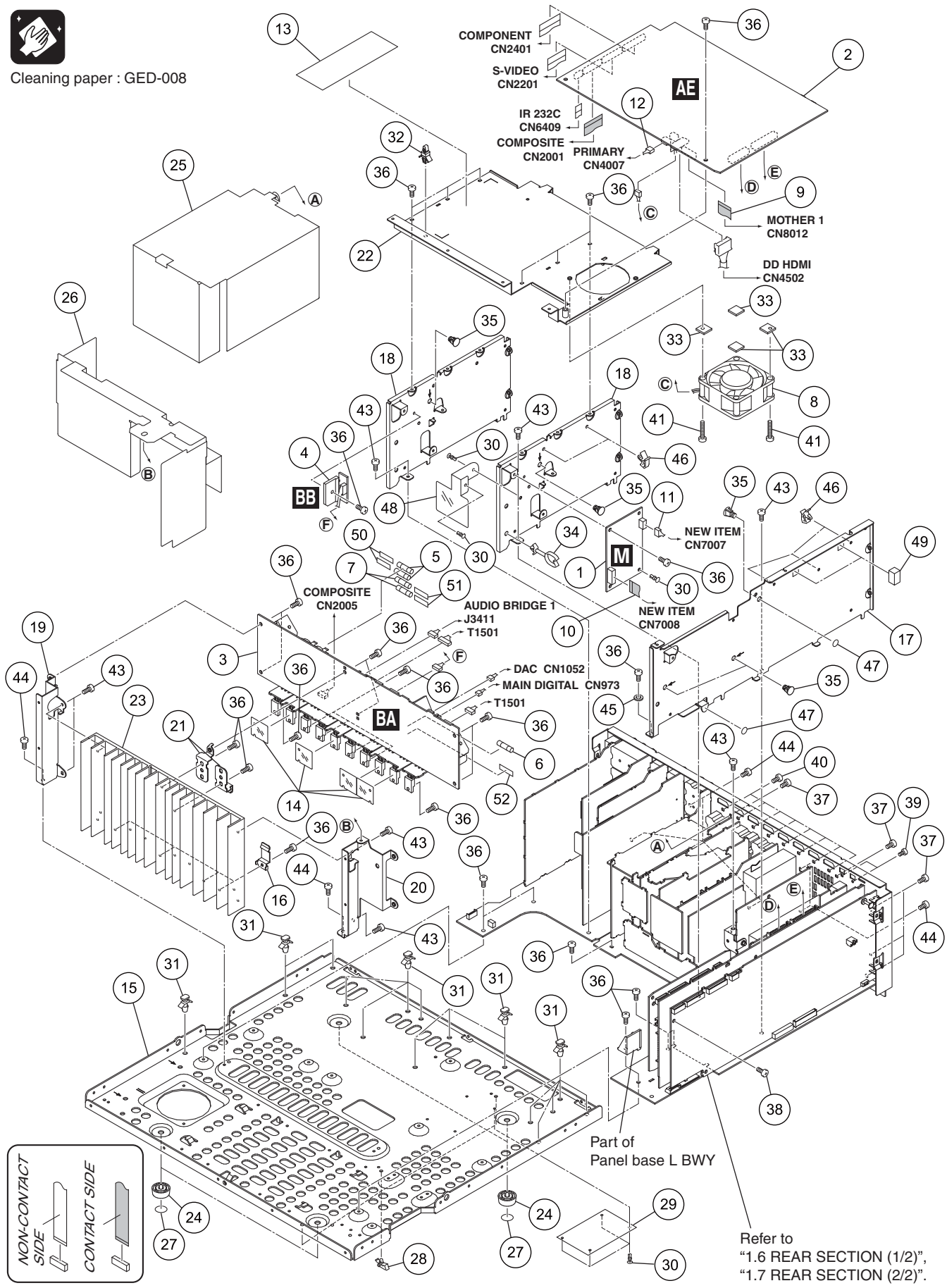
Mark	No.	Description	Part No.
	1	DIGI BRIDGE Assy	AWX8752
	2	PERCH FFC Assy	AWX8782
	3	PERCH PS Assy	AWX8785
	4	ICE REG Assy	AWX8751
	5	ICE 5 Assy	AWX8968
	6	ICE 12 Assy	AWX8969
	7	DD DSP Assy	AWX8748
	8	DSP DIODE Assy	AWX8956
	9	HN DIODE Assy	AWX8958
	10	FAN-12V Assy	AWX8959
	11	DD DISP Assy	AWX8784
	12	DD HDMI Assy	AWX8750
	13	HDMI DIODE Assy	AWX8957
	14	2CH DD Assy	AWX8961
	15	PRIMARY Assy	See Contrast table (2)
⚠	16	Power Transformer (T1501)	See Contrast table (2)
⚠	17	Power Transformer (T1502)	See Contrast table (2)
⚠	18	Fuse (FU4501: T1.25A)	AEK7074
⚠	19	Fuse (FU4: T1A)	See Contrast table (2)
		Fuse (FU4: T1.25A)	See Contrast table (2)
⚠	20	Fuse (FU11,12,4351: T1.6A)	AEK7075
⚠	21	Fuse (FU4301: T3.15A)	AEK1059
⚠	22	Fuse (FU3: T2A)	See Contrast table (2)
⚠		Fuse (FU3: T4A)	See Contrast table (2)
⚠	23	Fuse (FU4601: T5A)	AEK1061
	24	14P FFC (J1931)	ADD7592
	25	12P FFC (J1932)	ADD7593
NSP	26	Panel Stay	AND7083
NSP	27	DCDC Angle	ANG7560
NSP	28	Trans Frame	ANG7561
NSP	29	HS Angle DC	ANG7577
NSP	30	Heatsink DC	ANH7191
	31	Lock Edge Saddle 17L	AEC7585
	32	Lock Edge Saddle 25L	AEC7587
	33	Wire Saddle	AEC7586
	34	PC Support	DEC2736
	35	Card Spacer	AEC7214
	36	Wire Saddle	DEC1450
	37	PCB Spacer	AEC7080
NSP	38	PC Support	VEC1749
	39	Locking Card Spacer	PNW2917
	40	Duct Cushion	AED7115
	41	Screw	BBZ30P060FCC
	42	Screw	BBZ30P080FTB
	43	Screw	BBT30P060FTB
	44	Screw 4 x 12	ABA7109
	45	Screw	BBT30P080FCC
	46	Screw	CBZ30P080FTB
	47	Screw 3 x 9	ABA7101
	48	Washer	WH40FNI
	49	Insulation Sheet A	AEC7606
	50	Insulation Sheet B	AEC7607
	51	Insulation Sheet C	AEC7608
	52	Shield Sheet C	AMR7542
NSP	53	Fuse Card	AAX2348
NSP	54	Fuse Card	See Contrast table (2)
NSP	55	Fuse Card	AAX2377
NSP	56	Fuse Card	AAX7098
NSP	57	Fuse Card	See Contrast table (2)
NSP	58	Fuse Card	AAX7493
	59	Ferrite Core (L1953)	ATX7012
	60	Fan Motor (60x15)	See Contrast table (2)
NSP	61	Binder (BK-1)	ZCA-BK1
	62	Harness Lifter	AEC7583
	63	Screw	See Contrast table (2)

(2) CONTRAST TABLE

SC-LX90/WYPWXJ5, SC-LX90/WVLXJ5 and SC-LX90/LFXJ are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-LX90/ WYPWXJ5	SC-LX90/ WVLXJ5	SC-LX90/ LFXJ
	15	PRIMARY Assy	AWX8758	AWX8759	AWX8760
⚠	16	Power Transformer (T1501)	ATS7412	ATS7412	ATS7411
⚠	17	Power Transformer (T1502)	ATS7415	ATS7415	ATS7414
⚠	19	Fuse (FU4: T1A)	AEK7073	AEK7073	Not used
		Fuse (FU4: T1.25A)	Not used	Not used	AEK7074
⚠	22	Fuse (FU3: T2A)	AEK1057	AEK1057	Not used
⚠		Fuse (FU3: T4A)	Not used	Not used	AEK1060
NSP	54	Fuse Card	AAX7293	AAX7293	AAX2348
NSP	57	Fuse Card	AAX2357	AAX2357	AAX7099
	60	Fan Motor (60x15)	Not used	AXM7034	Not used
	63	Screw	Not used	BBZ30P180FCC	Not used

1.5 MAIN CHASSIS SECTION (2/2)

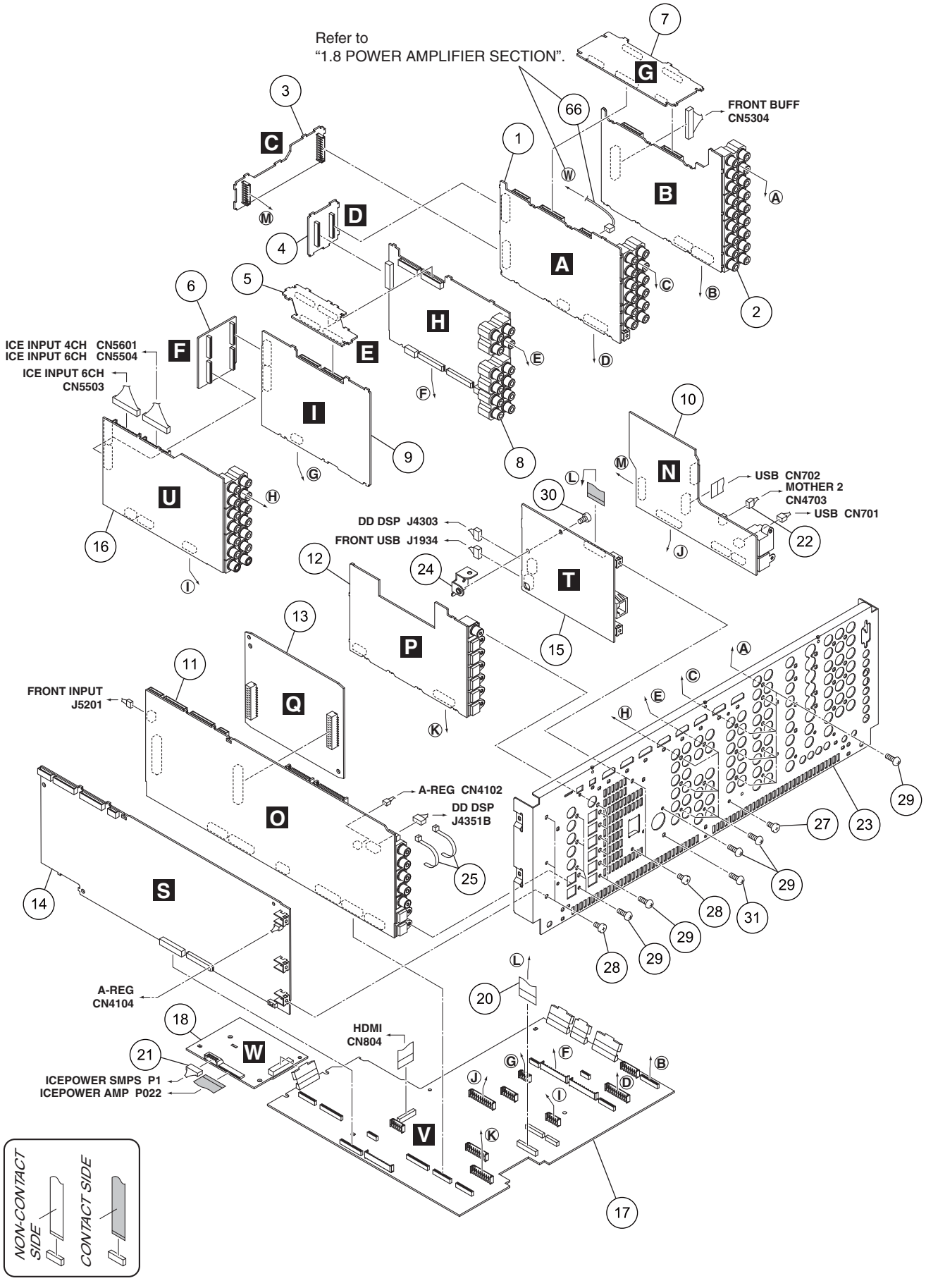


MAIN CHASSIS SECTION (2/2) PARTS LIST

Mark	No.	Description	Part No.
	1	USB Assy	AWX8867
	2	HDMI Assy	AWQ7067
	3	A-REG Assy	AWX8762
	4	DA DIODE Assy	AWX8965
⚠	5	Fuse (FU9,10: T1.25A)	AEK7074
⚠	6	Fuse (FU6: T1.6A)	AEK7075
⚠	7	Fuse (FU7,8: T2A)	AEK1057
	8	DC Fan Motor	AXM7035
	9	18P FFC (J1926)	ADD7588
	10	11P FFC (J1922)	ADD7607
	11	4P Housing Assy (J1938)	ADX7561
	12	2P Housing Assy (J1940)	ADX7593
	13	FFC Guard	AED7108
	14	Mica Sheet	AEE7059
NSP	15	Chassis PRE	ANA7195
NSP	16	Transistor Holder	ANG7543
NSP	17	DSP Shield	ANG7562
NSP	18	Video Shield	ANG7563
NSP	19	HS Angle L	ANG7566
NSP	20	HS Angle R	ANG7567
NSP	21	PCB Angle	ANG7603
	22	HDMI Shield Assy	ANG7609
NSP	23	Heatsink REG	ANH7192
	24	Foot H = 8	AEC7570
	25	Shield Sheet A	AMR7537
	26	Shield Sheet B1	AMR7545
	27	Cushion Circle 14B	AED7081
NSP	28	Mini Clamp	VEC1597
	29	Wire Hold Sheet	AEC7601
	30	Nylon Rivet	AEC7408
	31	Card Spacer	VEC1708
	32	Locking Card Spacer	PNW2917
	33	Fan Cushion C	AED7120
	34	Harness Lifter	AEC7583
	35	Card Spacer	DNK2769
	36	Screw	BBZ30P080FTB
	37	Screw	BBT30P060FTB
	38	Screw	BBZ30P060FCC
	39	Screw	PCZ26P060FTB
	40	Screw	PMZ30P060FTB
	41	Screw	BBZ30P300FTC
	42	•••••	
	43	Screw	BBT30P080FCC
	44	Screw 3 x 9	ABA7101
	45	Fiber Washer	VEC1254

Mark	No.	Description	Part No.
NSP	46	Mini Cramp	VEC1597
	47	Cushion Circle 8B	AED7101
	48	FFC Sheet	AEC7618
	49	Sorbo Spacer	AEB7398
NSP	50	Fuse Card	AAX2348
NSP	51	Fuse Card	AAX2357
NSP	52	Fuse Card	AAX2377

1.6 REAR SECTION (1/2)



(1) REAR SECTION (1/2) PARTS LIST

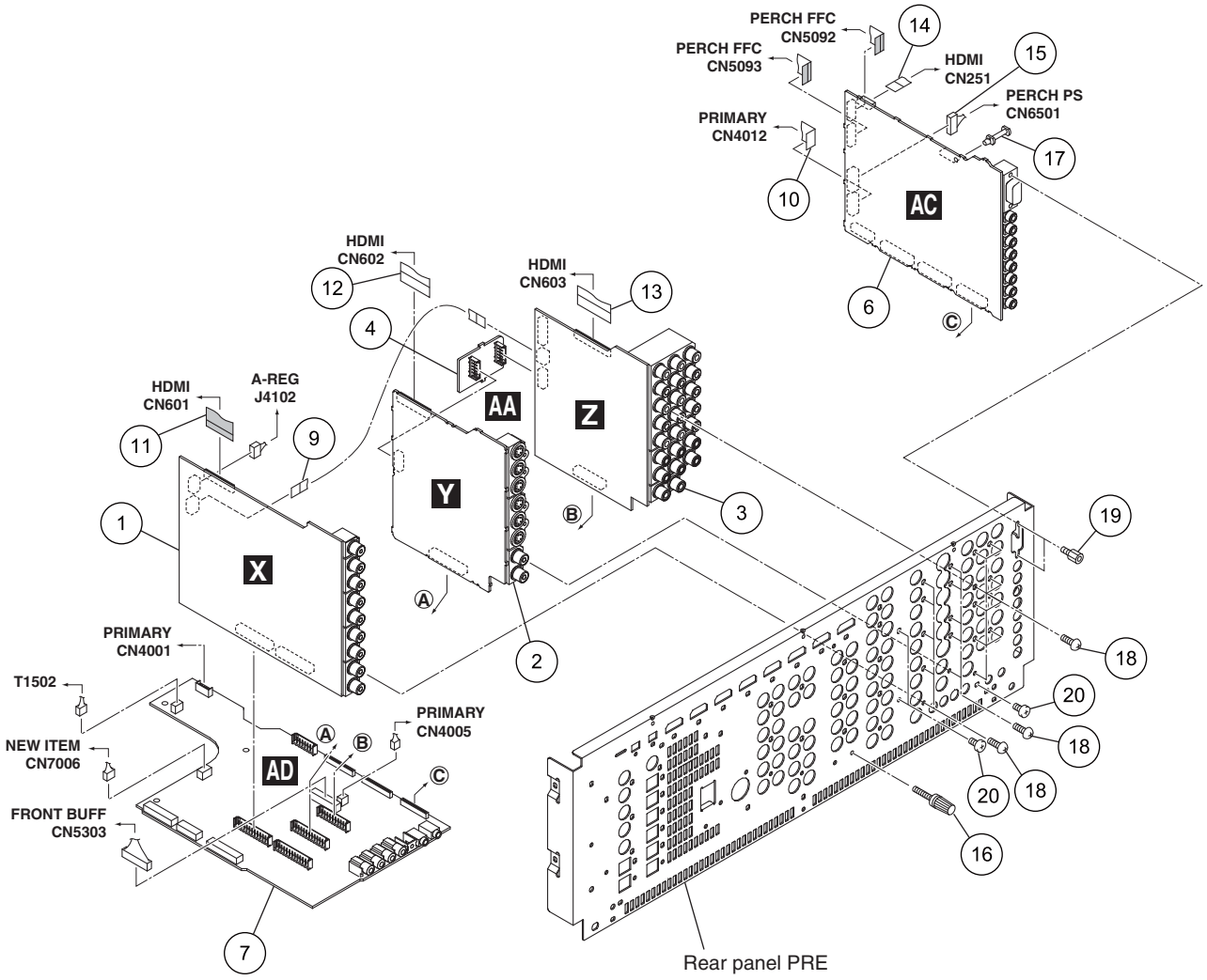
Mark	No.	Description	Part No.
	1	A-AUDIO Assy	AWX9330
	2	V-AUDIO Assy	AWX8744
	3	AUDIO BRIDGE 1 Assy	AWX8764
	4	AUDIO BRIDGE 2 Assy	AWX8765
	5	AUDIO BRIDGE 3 Assy	AWX8767
	6	AUDIO BRIDGE 4 Assy	AWX8766
	7	REC SEL Assy	AWX8740
	8	MULTI CH IN Assy	AWX8739
	9	VOLUME Assy	AWX8737
	10	NEW ITEM Assy	AWX8741
	11	MAIN DIGITAL Assy	AWX8722
	12	SUB DIGITAL Assy	AWX8747
	13	DSP Assy	AWX8868
	14	DAC Assy	AWX8724
	15	HN MODULE Assy	AWV2601
	16	PREOUT Assy	AWX8738
	17	MOTHER 1 Assy	See Contrast table (2)
	18	ICE INTERFACE Assy	AWX8779
	19	•••••	
	20	20P FFC (J1920)	ADD7564
	21	7P Housing Assy (J1912)	ADX7620
	22	3P Housing Assy (J1939)	ADX7625
	23	Rear Panel PRE	ANC8499
NSP	24	Network Angle	ANG7576
NSP	25	Binder (BK-1)	ZCA-BK1
	26	•••••	
	27	Screw 3 x 9	ABA7101
	28	Screw	BBT30P060FTB
	29	Screw	VPZ30P100FTB
	30	Screw	BBZ40P060FCC
	31	Screw	PMZ30P060FTB

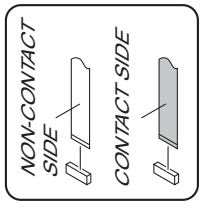
(2) CONTRAST TABLE

SC-LX90/WYPWXJ5, SC-LX90/WVLXJ5 and SC-LX90/LFXJ are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-LX90/ WYPWXJ5	SC-LX90/ WVLXJ5	SC-LX90/ LFXJ
	17	MOTHER 1 Assy	AWX8772	AWX8773	AWX8967

1.7 REAR SECTION (2/2)

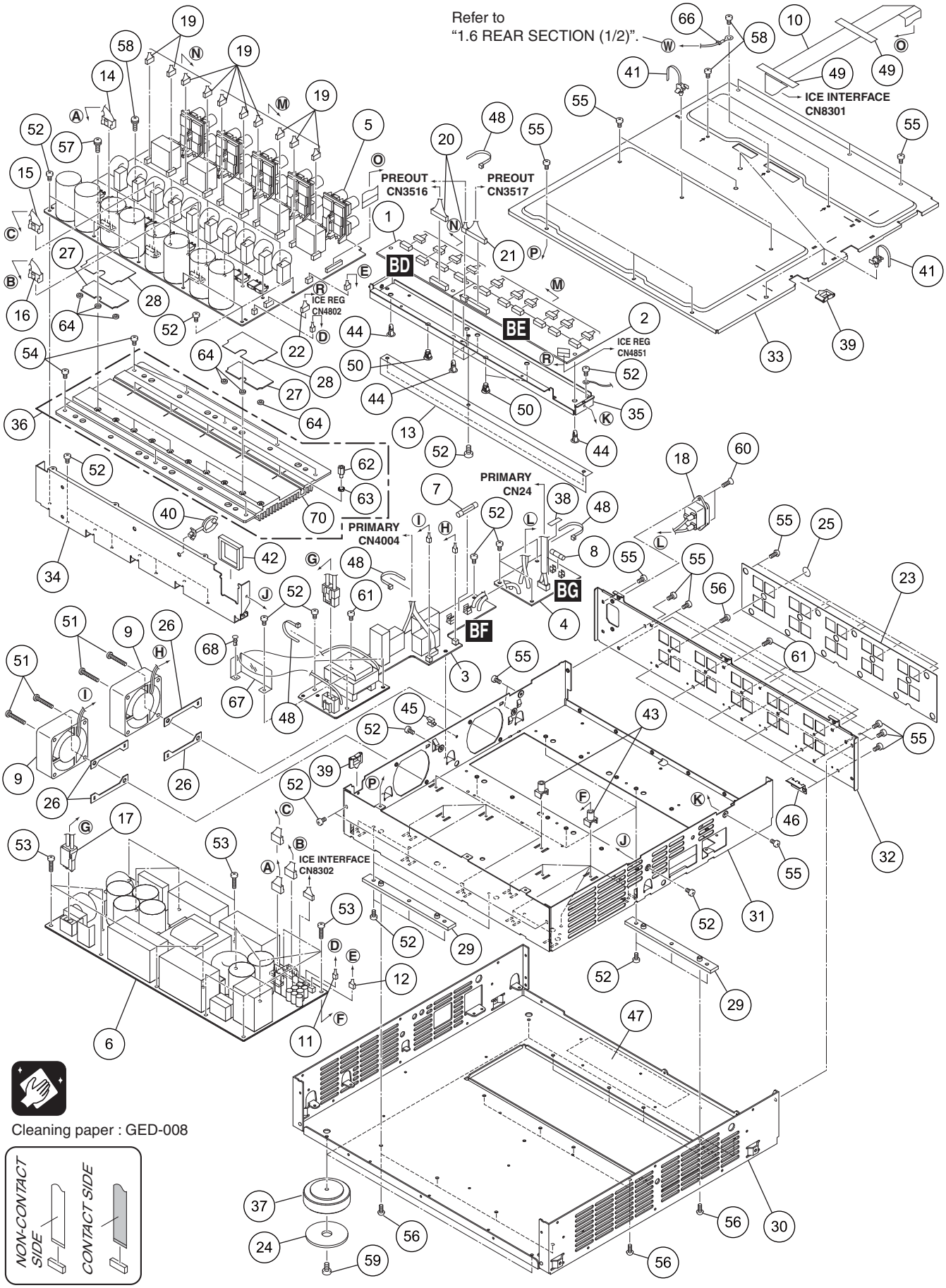




REAR SECTION (2/2) PARTS LIST

Mark	No.	Description	Part No.
	1	COMPOSITE Assy	AWX8778
	2	S-VIDEO Assy	AWX8725
	3	COMPONENT Assy	AWX8726
	4	VIDEO BRIDGE Assy	AWX8743
	5	•••••	
	6	IR 232C Assy	AWX8746
	7	MOTHER 2 Assy	AWX8776
	8	•••••	
	9	5P FFC (J1924)	ADD7569
	10	9P FFC (J1925)	ADD7581
	11	24P FFC (J1927)	ADD7589
	12	26P FFC (J1928)	ADD7590
	13	30P FFC (J1929)	ADD7591
	14	8P FFC (J1930)	ADD7616
	15	7P Housing Assy (J1937)	ADX7644
	16	Earth Terminal with Knob	AKE-031
	17	PCB Spacer	AEC7080
	18	Screw	VPZ30P100FTB
	19	Hex.Screw 2.85 x 7	ABA7078
	20	Screw	BBT30P060FTB

1.8 POWER AMPLIFIER SECTION



Cleaning paper : GED-008

(1) POWER AMPLIFIER SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	ICE INPUT 4CH Assy	AWX8946
	2	ICE INPUT 6CH Assy	AWX8945
	3	PFC Assy	See Contrast table (2)
	4	INLET Assy	AWX8731
⚠	5	ICEPOWER AMP Assy	AWH7010
⚠	6	ICEPOWER SMPS Assy	See Contrast table (2)
⚠	7	Fuse (FU2: 15A)	See Contrast table (2)
⚠		Fuse (FU2: 8A)	See Contrast table (2)
⚠	8	Fuse (FU1: T3.15A)	See Contrast table (2)
⚠		Fuse (FU1: T6.3A)	See Contrast table (2)
⚠	9	DC Fan Motor	AXM7025
	10	24P FFC (J1901)	ADD7587
	11	2P Housing Wire Assy (J1904)	ADX7549
	12	3P Housing Wire Assy (J1905)	ADX7550
NSP	13	Shielding Plate	ANG7600
	14	4P Housing Wire Assy (J1906)	ADX7551
	15	4P Housing Wire Assy (J1907)	ADX7552
	16	4P Housing Wire Assy (J1908)	ADX7553
⚠	17	2P Housing Wire Assy (J1909)	ADX7554
⚠	18	AC Inlet Assy (J1944)	ADX7558
	19	6P Housing Assy (J1911)	ADX7612
	20	15P Housing Assy (J1902)	ADX7613
	21	15P Housing Assy (J1903)	ADX7614
	22	6P Housing Assy (J1910)	ADX7624
	23	Speaker Sheet ICE	AAK8366
	24	Cushion	AEC7224
	25	Cushion Circle 14B	AED7081
	26	Fan Cushion	AED7104
	27	Ceramic Plate	AEE7060
	28	Heat Radiation Sheet	AEE7069
	29	Insulator ICE	AMR7523
NSP	30	Under Base	ANA7191
NSP	31	Chassis ICE	ANA7193
	32	Rear Panel AMP	See Contrast table (2)
NSP	33	Top Plate ICE	ANE7349
NSP	34	Switching Shield	ANG7558
NSP	35	Beam AMP	ANG7599
	36	Heatsink ICE Assy	AZW7307
	37	Insulator 56	ANL7028
NSP	38	Fuse Card	See Contrast table (2)
	39	Edge Saddle	AEC7582
	40	Harness Lifter	AEC7583
	41	Reuse Band	AEC7584
	42	Lock Edge Saddle 25L	AEC7587
	43	PCB Mold	AMR2533
NSP	44	PCB Holder	PNW1706
NSP	45	Cord Clamp F	AEC7134
NSP	46	GND Plate	ANK7129
	47	License Label TER	ARW7362
NSP	48	Binder (BK-1)	ZCA-BK1
	49	Acetate Tape 10 x 60	AEH7029
NSP	50	PC Support	VEC1749
	51	Screw	BBZ30P300FTC
	52	Screw	BBZ30P060FCC
	53	Screw	BBZ30P180FCC
	54	Screw	BBT30P080FCC
	55	Screw	BBT30P060FTB
	56	Screw	VPZ30P100FTB
	57	Screw 3 x 10	ABA7134
	58	Screw 3 x 8	ABA7131
	59	Screw 4 x 19	ABA7120
	60	Screw	CBZ30P080FTB
	61	Screw 3 x 9	ABA7101
	62	Hex.Spacer H = 8	ABA7145
	63	Nut	NB30FNI
	64	PPS Spacer	AEC7604
	65	•••••	
	66	2P Housing Assy (J1951)	ADX7660
	67	Insulation Sheet PFC	AEC7612
	68	Nylon Rivet	AEC7408
	69	•••••	
NSP	70	Heatsink ICE	ANH7207

(2) CONTRAST TABLE

SC-LX90/WYPWXJ5, SC-LX90/WVLXJ5 and SC-LX90/LFXJ are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-LX90/ WYPWXJ5	SC-LX90/ WVLXJ5	SC-LX90/ LFXJ
	3	PFC Assy	AWX8736	AWX8736	AWX8963
⚠	6	ICEPOWER SMPS Assy	AWR7049	AWR7049	AWR7048
⚠	7	Fuse (FU2: 15A)	Not used	Not used	AEK7077
⚠		Fuse (FU2: 8A)	REK1156	REK1156	Not used
⚠	8	Fuse (FU1: T3.15A)	AEK1059	AEK1059	Not used
⚠		Fuse (FU1: T6.3A)	Not used	Not used	AEK7076
	32	Rear Panel AMP	ANC8530	ANC8531	ANC8507
NSP	38	Fuse Card	Not used	Not used	XAX3218

2. CONTRAST OF PCB ASSEMBLIES

NOTES:
- *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
- *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
- *Screws adjacent to ▼ mark on product are used for disassembly.*
- *For the applying amount of lubricants or glue, follow the instructions in this manual. (In the case of no amount instructions, apply as you think it appropriate.)*
- *Nos. indicate the pages and Nos. in the service manual for the base model.*

2.1 CONTRAST TABLE

SC-09TX/KUXJ/CA, SC-LX90/WYPWXJ5, SC-LX90/WVLXJ5 and SC-LX90/LFXJ are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-09TX/ KUXJ/CA	SC-LX90/ WYPWXJ5	SC-LX90/ WVLXJ5	SC-LX90/ LFXJ	Remarks
		PCB ASSEMBLIES					
NSP		1..MAIN DIGITAL Assy	AWK7949	AWK7950	AWK7950	AWK7950	
	P87-11	2..MAIN DIGITAL Assy	AWX8721	AWX8722	AWX8722	AWX8722	
	P87-14	2..DAC Assy	AWX8723	AWX8724	AWX8724	AWX8724	
NSP		1..VIDEO COMPLEX Assy	AWK7951	AWK7953	AWK7953	AWK7955	
	P91-3	2..PFC Assy	AWX8735	AWX8736	AWX8736	AWX8963	
NSP		1..AUDIO INPUT Assy	AWK7958	AWK8072	AWK8072	AWK8072	
	P87-1	2..A-AUDIO Assy	AWX8745	AWX9330	AWX9330	AWX9330	
NSP		1..COMPLEX 1 Assy	AWK7959	AWK8071	AWK8071	AWK8071	
	P81-2	2..FRONT INPUT Assy	AWX8774	AWX9329	AWX9329	AWX9329	
NSP		1..COMPLEX 2 Assy	AWK7960	AWK7962	AWK7963	AWK7964	
	P83-15	2..PRIMARY Assy	AWX8756	AWX8758	AWX8759	AWX8760	
	P85-3	2..A-REG Assy	AWX8761	AWX8762	AWX8762	AWX8762	
NSP		1..MOTHER 1 Assy	AWK7965	AWK7967	AWK7968	AWK8035	
	P87-17	2..MOTHER 1 Assy	AWX8770	AWX8772	AWX8773	AWX8967	
	P85-2	HDMI Assy	AWQ7038	AWQ7067	AWQ7067	AWQ7067	
⚠	P91-6	ICEPOWER SMPS Assy	AWR7048	AWR7049	AWR7049	AWR7048	*1
	P87-19	FM/AM TUNER Unit	AXX7250	Not used	Not used	Not used	

*1 : ICEPOWER SMPS Assy have no service part.

2.2 CONTRAST OF PCB ASSEMBLIES

AF A-AUDIO ASSY

AWX8745 and AWX9330 are constructed the same except for the following:

Mark	Symbol and Description	AWX8745	AWX9330	Remarks
	JA3001	AKB7186	VKB1133	
	CN3011	Not used	B02B-XASK-1	
	R9901, R9902	RS1/16S0R0J	Not used	

KF FRONT INPUT ASSY

AWX8774 and AWX9329 are constructed the same except for the following:

Mark	Symbol and Description	AWX8774	AWX9329	Remarks
	J5201	ADX7617	Not used	
	CN5203	Not used	KM200NA3L	
	C5235, C5236	Not used	CKSRYB104K25	

OF MAIN DIGITAL ASSY

AWX8721 and AWX8722 are constructed the same except for the following:

Mark	Symbol and Description	AWX8721	AWX8722	Remarks
	IC107 Port Expander IC	BU4094BCFV	Not used	
	IC119	TC74VHC125FTS1	Not used	
	IC301 XM/DT IC	BU9450KV-TBB	Not used	
	IC302 Load Switching	AAT4618IGV-0.5-1	Not used	
	IC303 Regulator IC	NJM2872BF33	Not used	
	IC332	TC74LCX157FTS1	Not used	
	IC333	TC74VHC126FTS1	Not used	
	IC510	TC74VHC08FTS1	Not used	
	IC511	TC74LCX157FTS1	Not used	
	D301, D302	UDZS5R6(B)	Not used	
	L301, L332, L333, L508, L513	QTL1013	Not used	
	L302	ATL7002	Not used	
	JA300 4p Socket	AKP7201	Not used	
	X301 Crystal Resonator (45.1584 MHz)	ASS7065	Not used	
	R150	RS1/16S224J	Not used	
	R163	RAB4C473J	Not used	
	R187	Not used	RS1/16S473J	*1
	R188	RS1/16S473J	Not used	
	R189, R262, R264, R295, R297, R303, R304	RS1/16S101J	Not used	
	R320-R322, R325, R326, R336, R337, R340	RS1/16S101J	Not used	
	R341, R344, R346, R481, R535-R537, R569, R570	RS1/16S101J	Not used	
	R190, R316, R327, R473-R477, R492, R597-R599	Not used	RS1/16S0R0J	*2
	R240, R241, R292, R298, R300, R311, R312	RS1/16S104J	Not used	
	R314, R315, R317, R319	RS1/16S104J	Not used	
	R263, R338, R339, R342, R343, R345, R348	RS1/16S470J	Not used	
	R349, R539, R541, R543	RS1/16S470J	Not used	
	R293, R308, R323, R480, R490, R540, R542	RS1/16S0R0J	Not used	
	R571, R572	RS1/16S0R0J	Not used	
	R305, R306	RS1/16S102J	Not used	
	R307	RS1/16S681J	Not used	
	R309	RS1/16S105J	Not used	
	R310	RAB4C470J	Not used	
	R313	RAB4C101J	Not used	
	R347	RS1/16S151J	Not used	
	R538, R573-R576	RS1/16S220J	Not used	
	C118, C135, C304-C306, C311, C314, C316	CKSRYB104K16	Not used	
	C334, C337, C530, C540	CKSRYB104K16	Not used	

Mark	Symbol and Description	AWX8721	AWX8722	Remarks
	C301	CEAT101M16-TS	Not used	
	C302	CKSRYB224K16	Not used	
	C303	CKSRYB102K50	Not used	
	C307, C308	CCSRCH120J50	Not used	
	C310 Elect. Capacitor	CEHAZL101M10	Not used	
	C312	CKSRYB471K50	Not used	
	C313	CKSQYB105K16	Not used	
	C315	CKSQYB225K10	Not used	
	C335, C336, C531, C541	CKSRYB471K50	Not used	

*1 : Refer to AWX8722 on page 36 of RRV3711.

*2 : Refer to AWX8722 on page 37, 40, 42, 44 and 45 of RRV3711.

SF DAC ASSY

AWX8723 and AWX8724 are constructed the same except for the following:

Mark	Symbol and Description	AWX8723	AWX8724	Remarks
	IC1851 Audio DAC	AK4387ET	Not used	
	IC1852 OP-Amp IC	BA4560RF	Not used	
	L1851 Chip Solid Inductor	QTL1013	Not used	
	R1851-R1854	RS1/16S101J	Not used	
	R1855	RAB4C221J	Not used	
	R1856	RS1/16S0R0J	Not used	
	R1859	RS1/16S4R7J	Not used	
	R1861, R1862	RS1/16S223J	Not used	
	R1863, R1864	RS1/16S302J	Not used	
	R1865, R1866	RS1/16S392J	Not used	
	R1867-R1870	RS1/16S332J	Not used	
	R1871, R1872	RS1/16S101J	Not used	
	R1873, R1874	RS1/16S104J	RS1/16S0R0J	
	C1851	CEAT470M16	Not used	
	C1852, C1854, C1860	CKSRYB104K16	Not used	
	C1853	CEAT100M50	Not used	
	C1855	CKSRYB471K50	Not used	
	C1861, C1862	CEAT220M50	Not used	
	C1863, C1864	CCSRCH471J50	Not used	
	C1865, C1866	CCSRCH391J50	Not used	
	C1867, C1868	CEAT4R7M50	Not used	
	C1869, C1870	CKSRYB103K50	Not used	

VF MOTHER 1 ASSY

AWX8770, AWX8772, AWX8773 and AWX8967 are constructed the same except for the following:

Mark	Symbol and Description	AWX8770	AWX8772	AWX8773	AWX8967	Remarks
	CN8016 Connector	CKS1726	Not used	Not used	Not used	
	R8151	RS1/16S104J	Not used	Not used	Not used	
	R8152	Not used	RS1/16S104J	Not used	RS1/16S104J	*1
	R8153	RS1/16S104J	Not used	Not used	Not used	
	R8154	Not used	Not used	RS1/16S104J	RS1/16S104J	*1

*1 : Refer to AWX8771 on page 94 of RRV3711.

AEF HDMI ASSY

AWQ7038 and AWQ7067 are constructed the same except for the following:

Mark	Symbol and Description	AWQ7038	AWQ7067	Remarks
	R50	Not used	RS1/16S103J	
	R664	Not used	RS1/16S0R0J	
	C31, C33	CEVW101M16	CEVW221M10	
	C37	CKSRYB102K50	CCSRCH102J50	
	C64	CEVW101M16	ACH7299	

Mark	Symbol and Description	AWQ7038	AWQ7067	Remarks
	C96, C99, C460, C500	Not used	VCH1234	
	C97, C98	Not used	ACH7299	
	C100	Not used	CCSRCH471J50	
	C119, C330, C504, C531, C540, C544, C548	CKSSYB104K	CCSSCH102J50	
	C555, C1028, C1057	CKSSYB104K	CCSSCH102J50	
	C254, C360, C459, C499, C583, C818, C1078	Not used	CCSSCH102J50	
	C301	CKSSYB102K50	CCSSCH102J50	
	C771	CKSSYB392K50	CKSSYB103K16	
	C819	Not used	CKSSYB105K6R3	

BA F A-REG ASSY

AWX8761 and AWX8762 are constructed the same except for the following:

Mark	Symbol and Description	AWX8761	AWX8762	Remarks
	IC4133 Regulator IC	NJM78M12FA	Not used	
	C4132	CKSRYB103K50	Not used	
	C4139 Elect. Capacitor	CEAT470M25	Not used	

BC F PRIMARY ASSY

AWX8756, AWX8758, R8759 and AWX8760 are constructed the same except for the following:

Mark	Symbol and Description	AWX8756	AWX8758	AWX8759	AWX8760	Remarks
	Q4044 Transistor	Not used	Not used	RT1N241M	Not used	*1
	D4050	Not used	Not used	1SS352	Not used	*1
⚠	T21 Standby Transformer	ATT7100	ATT7040	ATT7040	ATT7100	
	CN4006 Plug(3p)	Not used	Not used	KM200NA3	Not used	*1
	R4053	Not used	Not used	RS1/16S222J	Not used	*1
	R4064	Not used	Not used	RS1/16S104J	Not used	*1
	C4036 Elect. Capacitor	Not used	Not used	CEAT470M25	Not used	*1

*1 : Refer to page171 of RRV3711.

BF F PFC ASSY

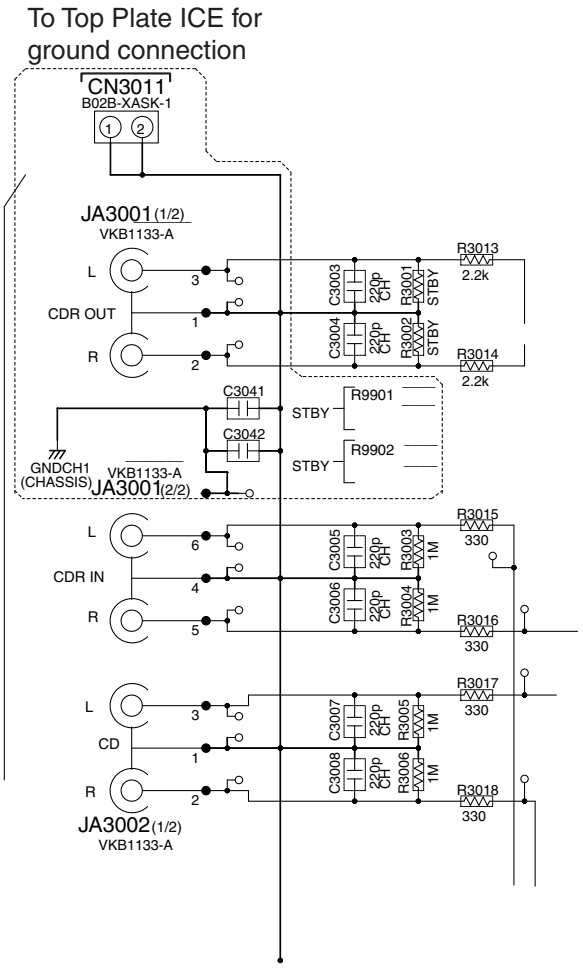
AWX8735, AWX8736 and AWX8963 are constructed the same except for the following.

Mark	Symbol and Description	AWX8735	AWX8736	AWX8963	Remarks
	KN11 Wrapping Terminal	VNF1084	Not used	VNF1084	
	H13, H14 Fuse Holder	AKR7004	Not used	AKR7004	
	H16, H17 Fuse Holder	Not used	AKR7005	Not used	*1
⚠	L11 PFC Reactor	ATH7062	ATH7063	ATH7062	
⚠	C18 (2200 p/AC250 V)	ACG7047	Not used	ACG7047	

*1 : Refer to page174 of RRV3711.

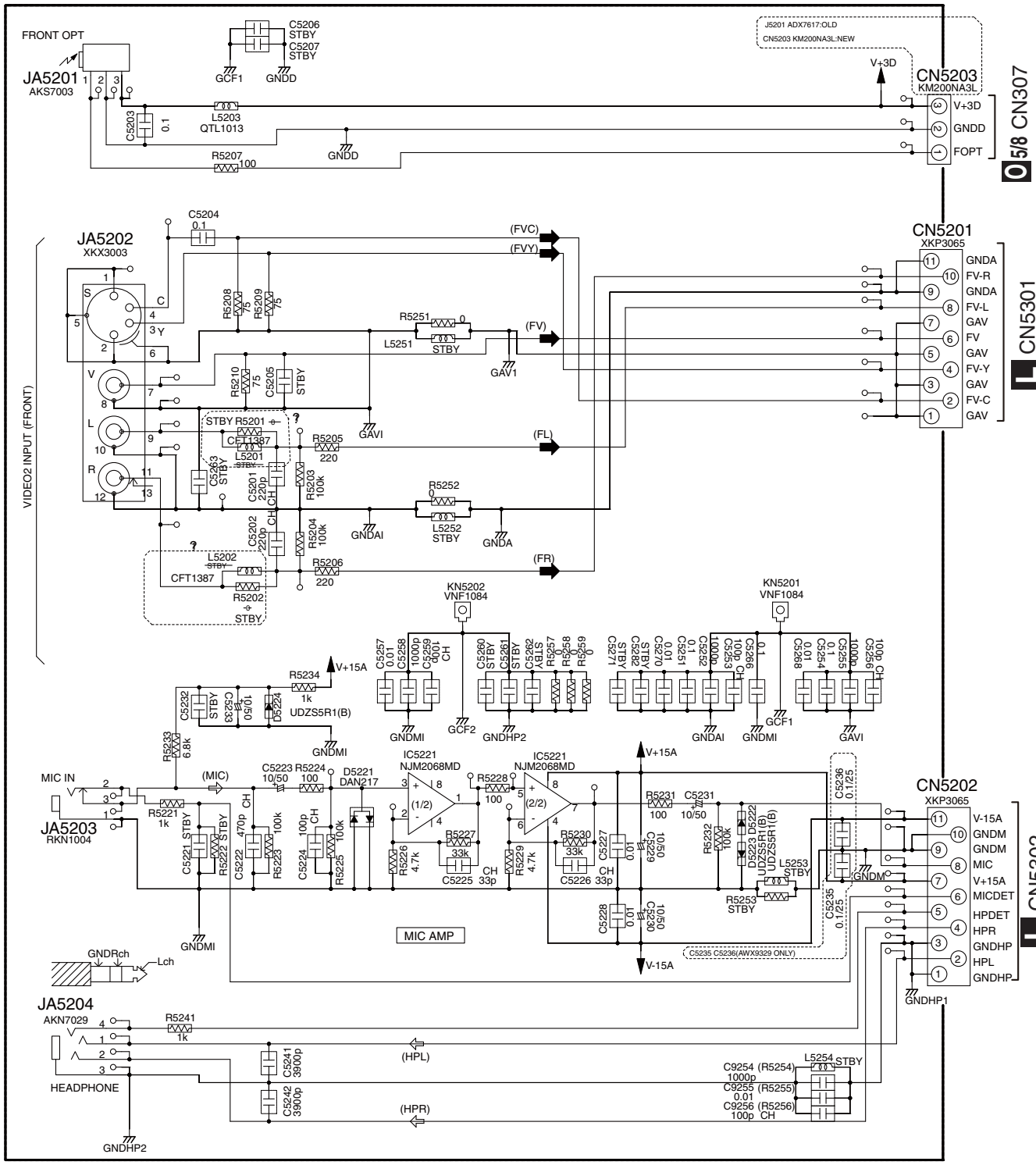
3. SCHEMATIC DIAGRAM
3.1 A-AUDIO ASSY

AF A-AUDIO ASSY (AWX9330)



3.2 FRONT INPUT ASSY

KF FRONT INPUT ASSY (AWX9329)



3.3 HDMI ASSY (1/8)

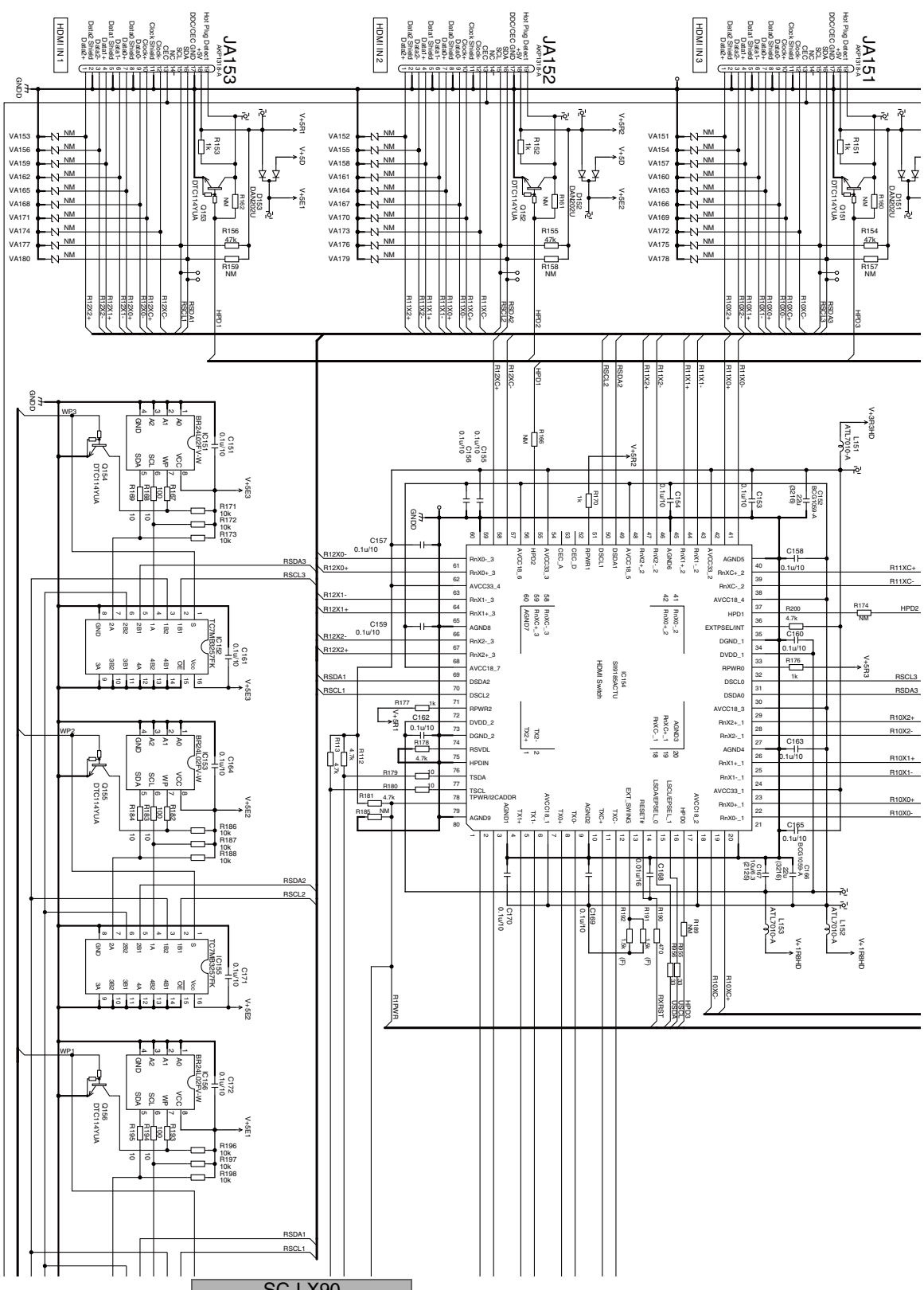
AE F 1/8

Large size SCH diagram

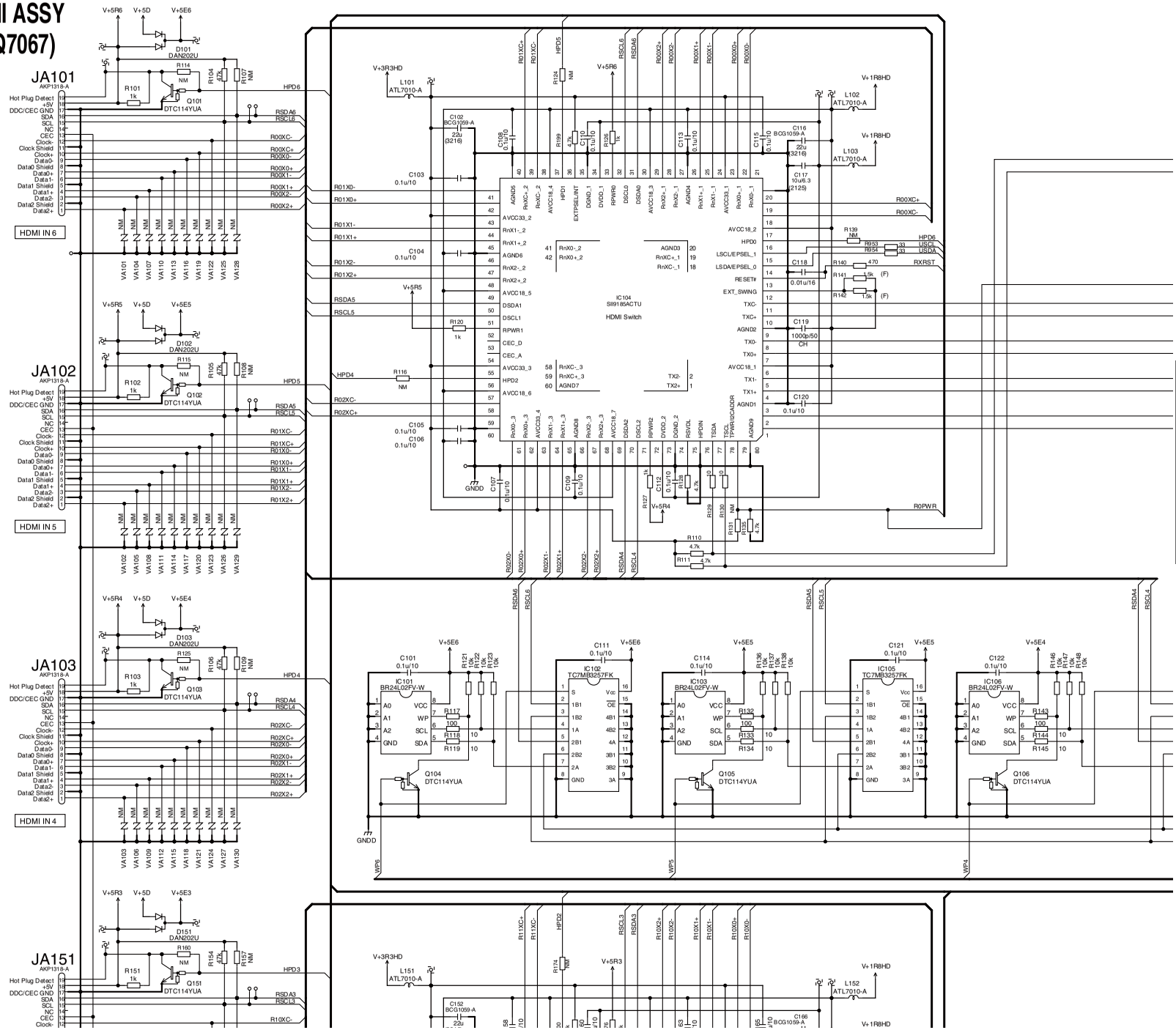
1/2

2/2

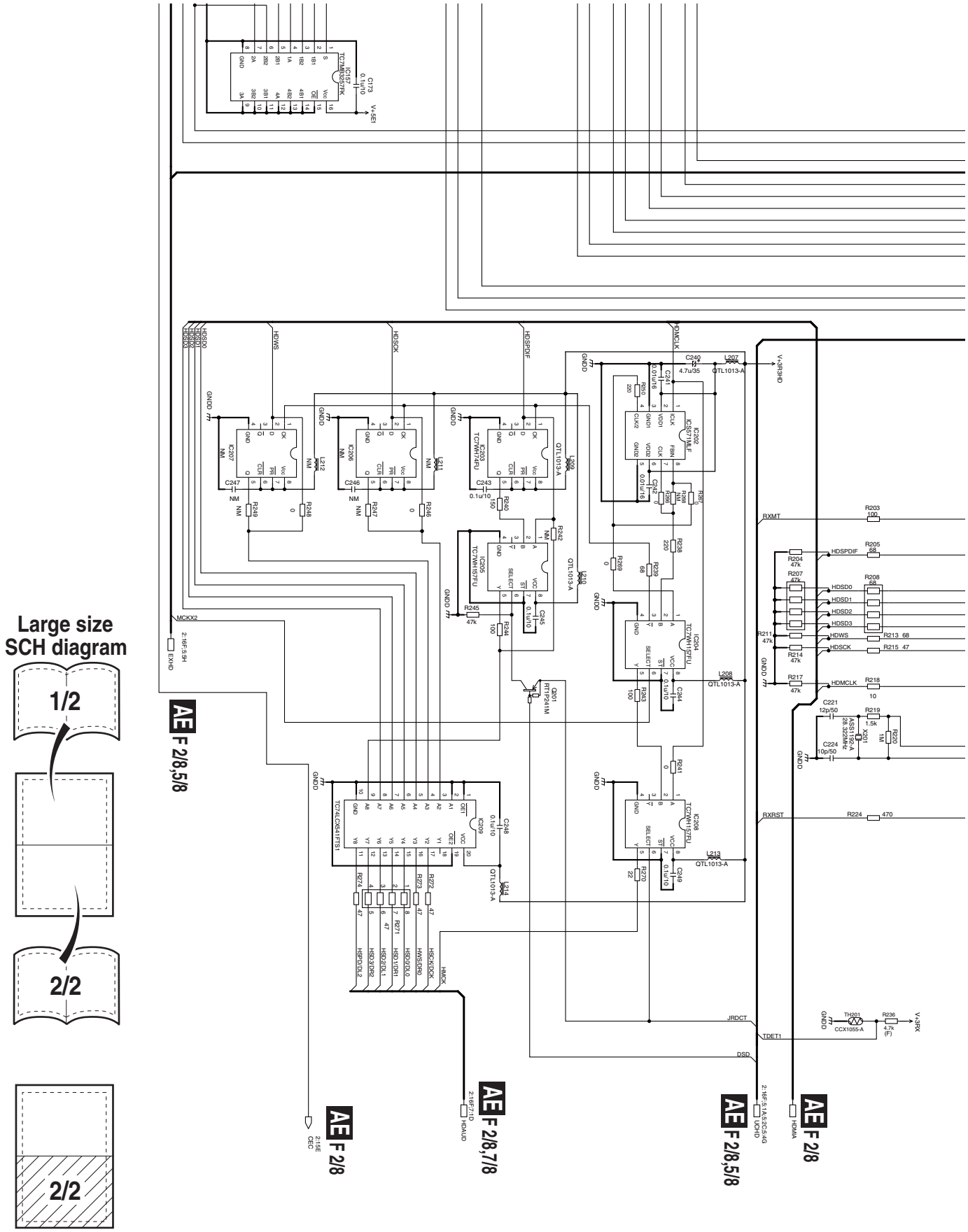
1/2

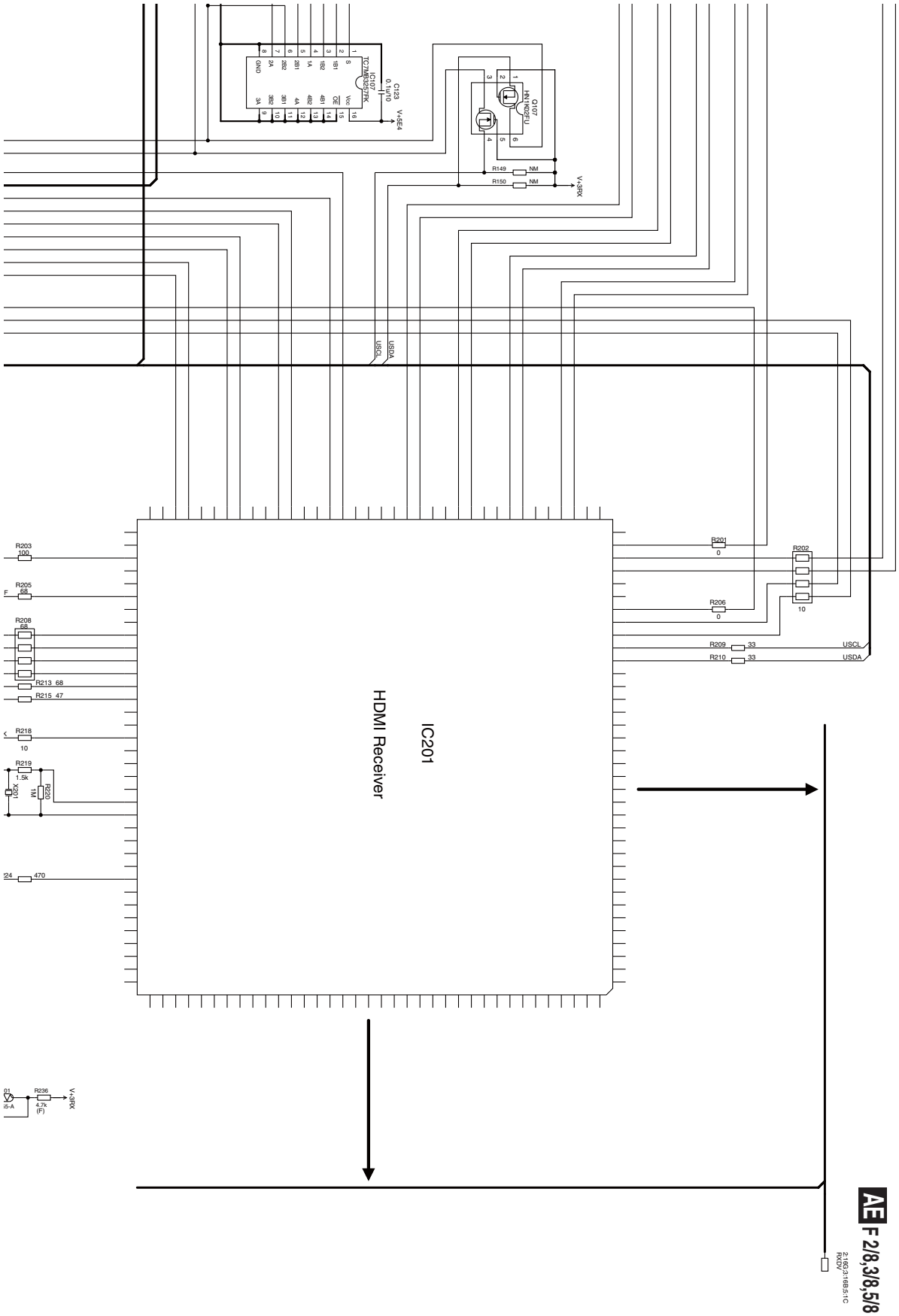


AE F1/8 HDMI ASSY (AWQ7067)



SC-LX90

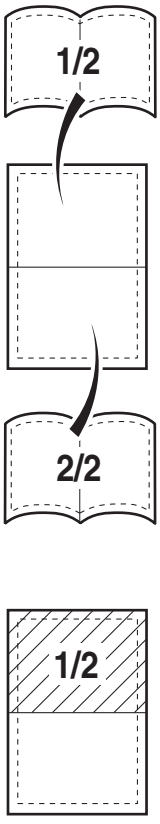

Large size
SCH diagram
1/2
2/2
2/2
AE F 1/8
AE F 2/8,5/8
AE F 2/8
AE F 2/8,7/8
AE F 2/8,5/8
AE F 2/8
HDSPDIF
HDSD0
HDSD1
HDSD2
HDSD3
HDWS
HDSCK
HDMCLK
RXMT
RXRST
JRDCT
TDET1
DSD
HMCK
V+3RX
V+3R3HD
V+5EI
GNDD
MCKX2
EXHD
HDMA
HDAUD
CEC


IC107
TC7MBD257FK
C123
0.1/0.01
V+5E4
Q107
HN1K02FU
R149
R150
NM
V+3RX
USCL
USDA
R203
100
R205
68
R208
68
R213 68
R215 47
R218
10
R219
1.5k
R201
1M
R220
470
R236
4.7k
(F)
HDMI Receiver
IC201
R201
0
R202
10
R206
0
R209
33
R210
33
USCL
USDA
AE F 2/8,3/8,5/8
2:16D,3:16B,5:1C
RXDV

3.4 HDMI ASSY (2/8)

AE F 2/8

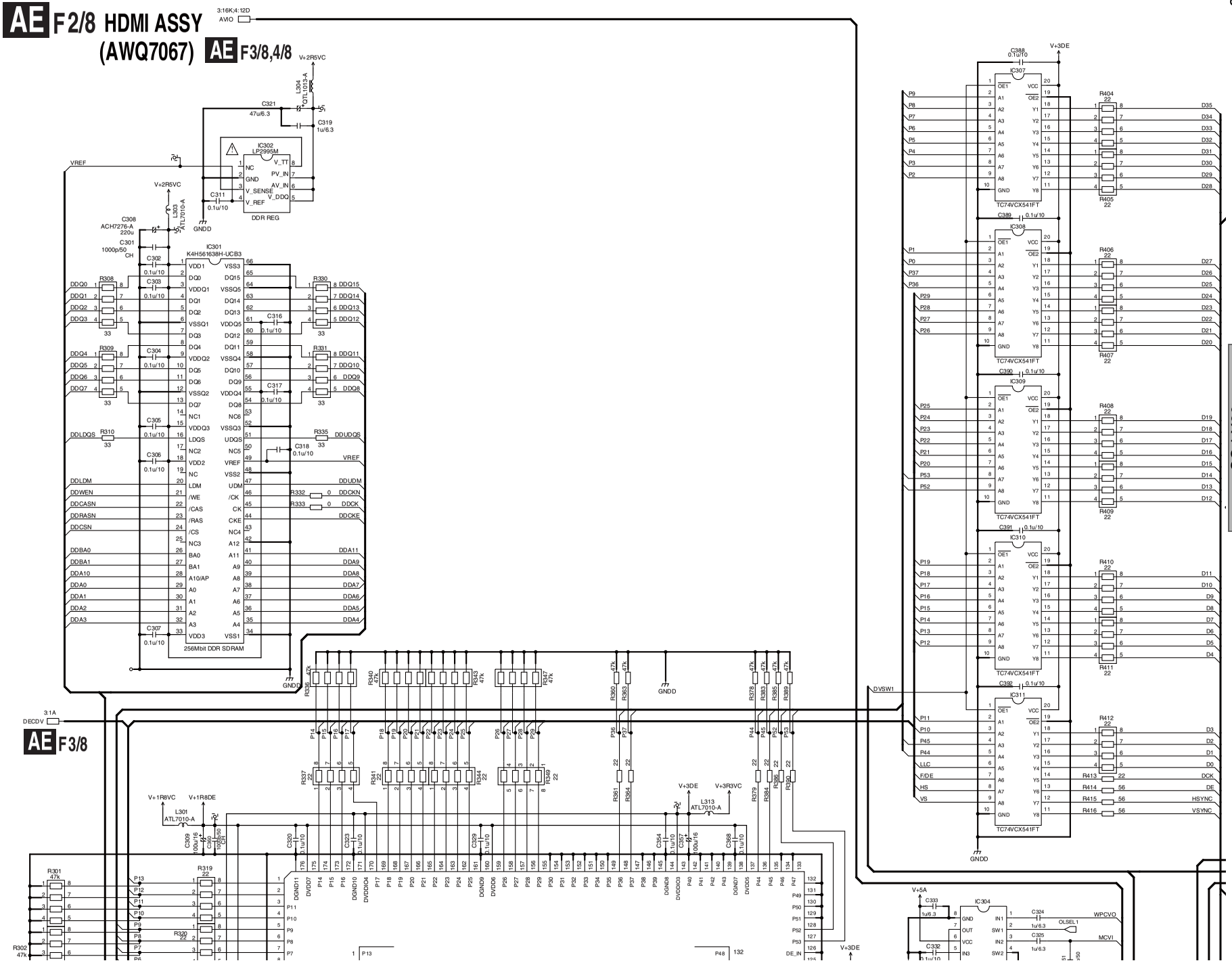
Large size SCH diagram



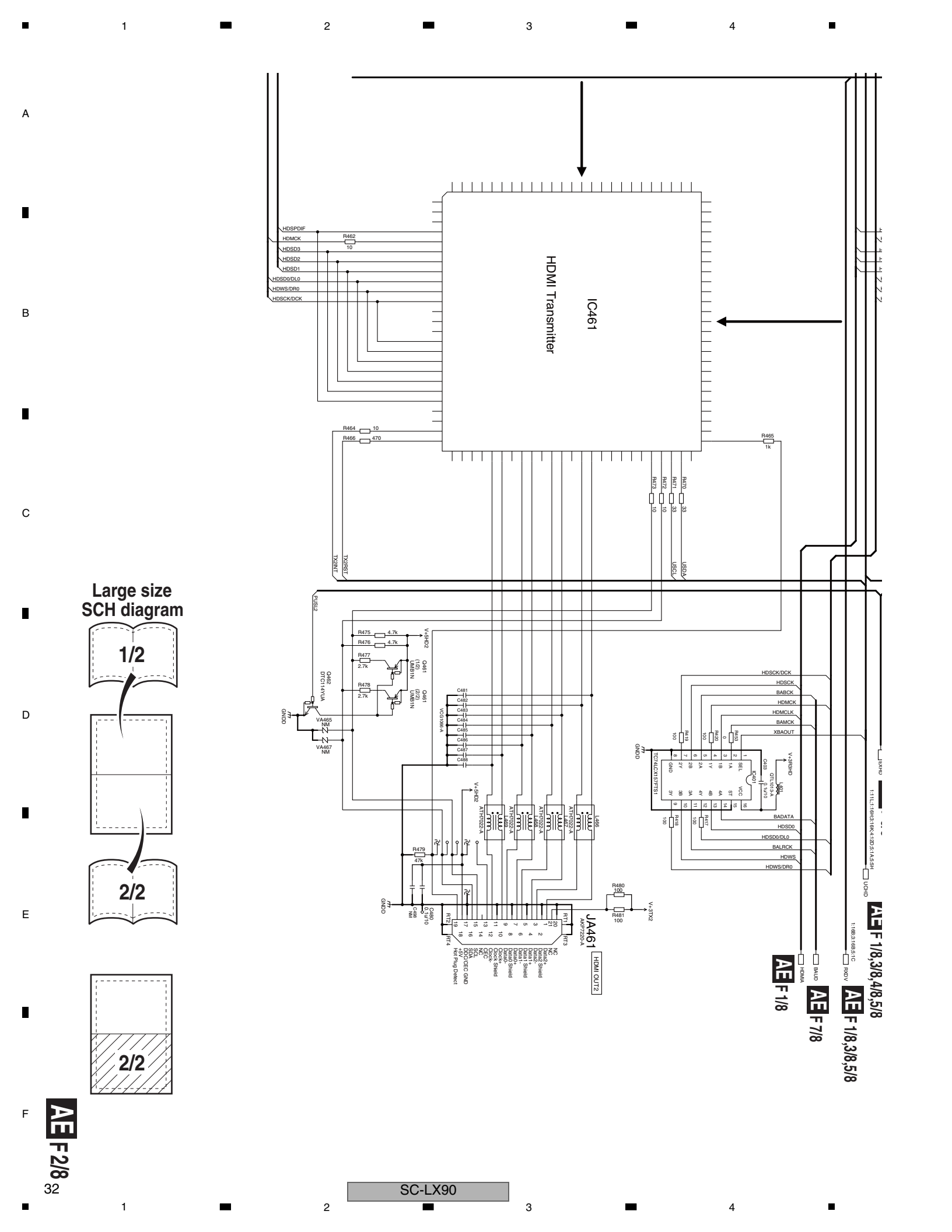
IC303
ADV7802BSTZ-150
Video Decoder

AE F2/8 HDMI ASSY (AWQ7067)

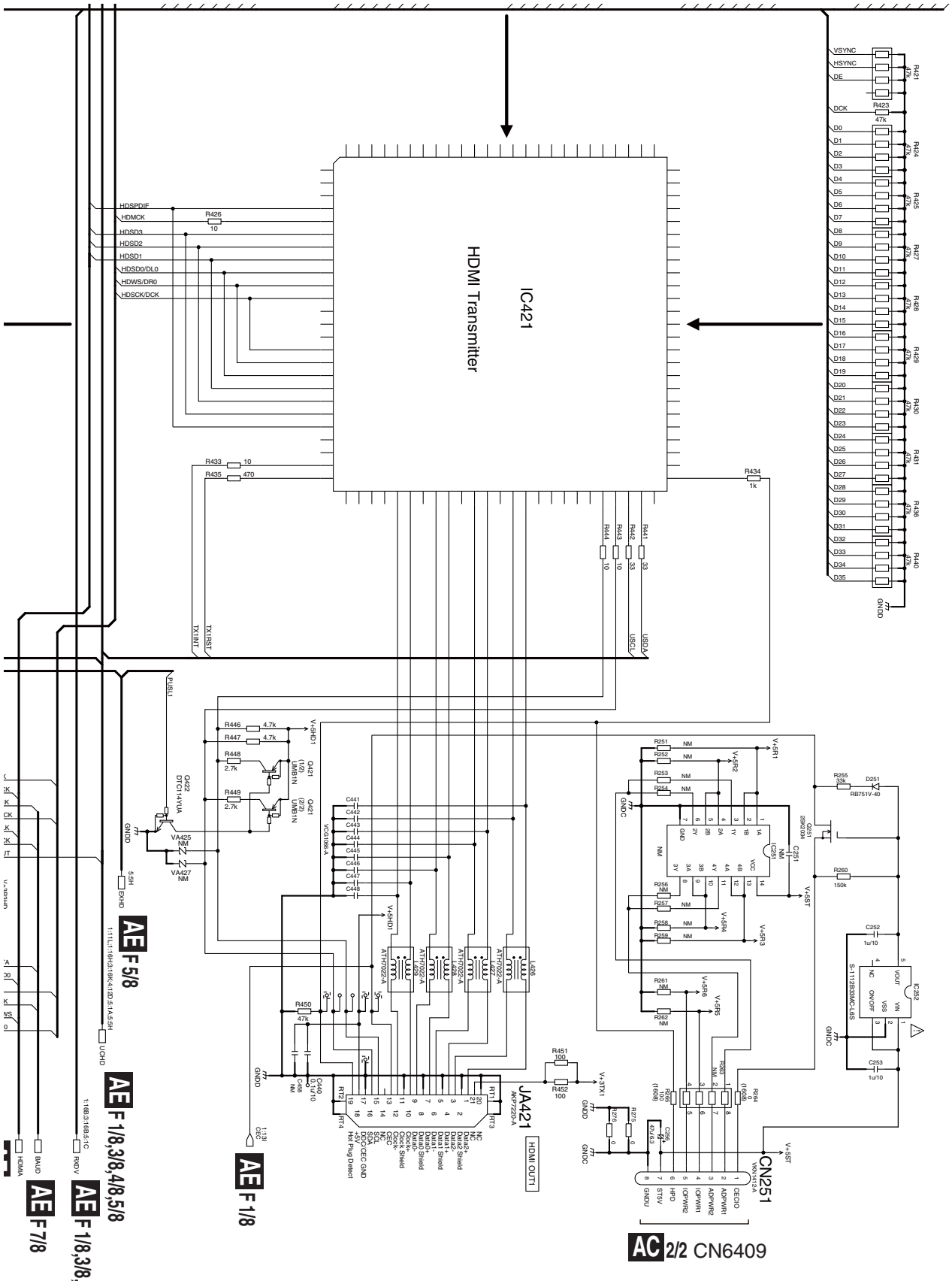
AE F3/8,4/8



SC-LX90



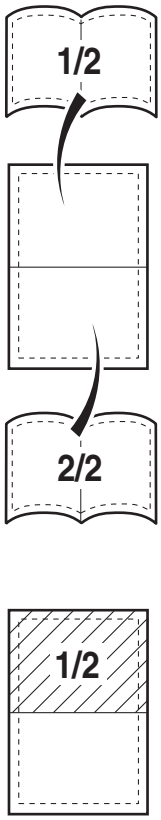
Large size SCH diagram

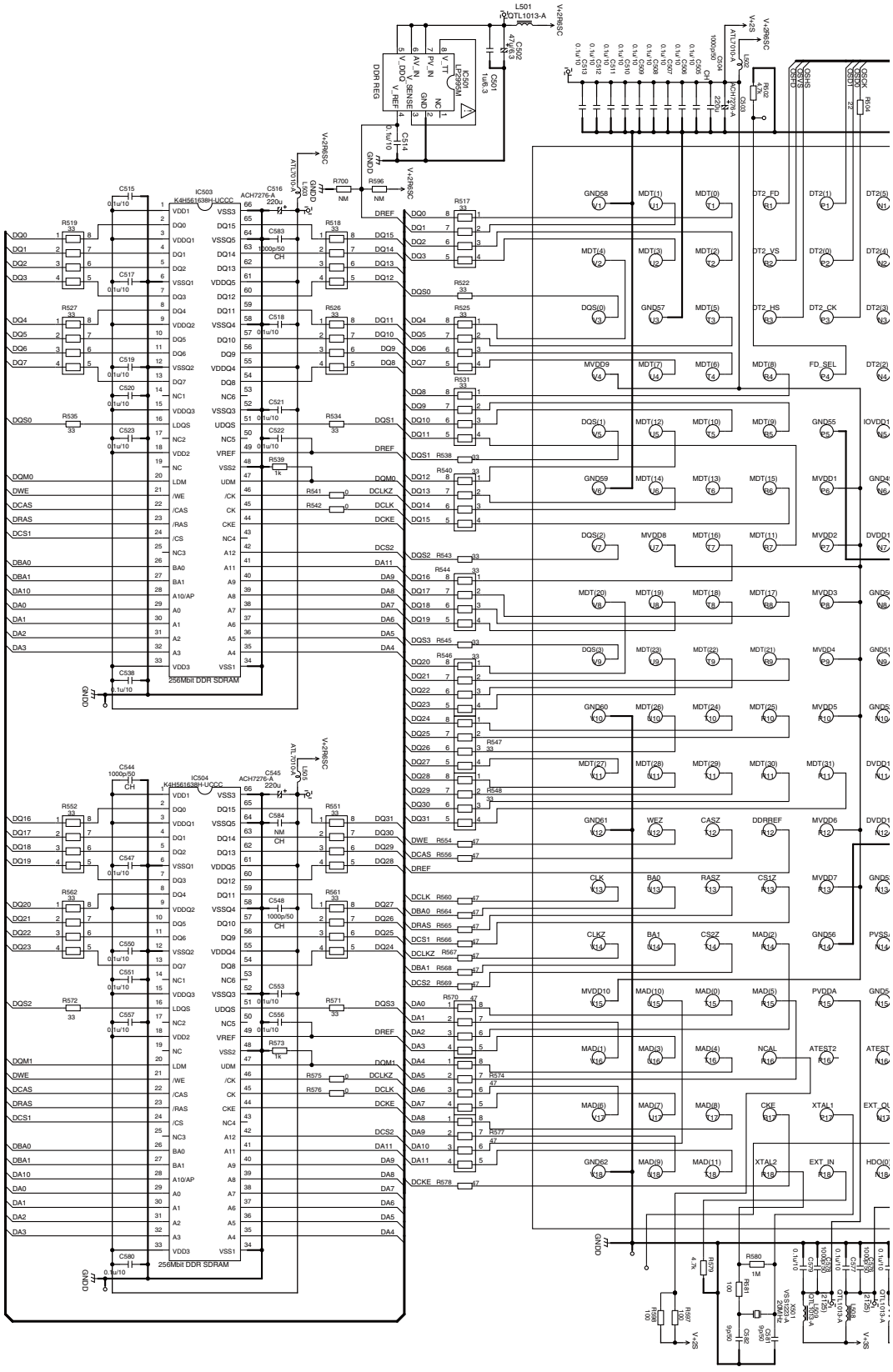

IC421
HDMI Transmitter
HDSPDIF
HDMCK
HDSD3
HDSD2
HDSD1
HDSD0/DL0
HDWS/DR0
HDSCK/DCK
R426 10
R433 10
R435 470
R434 1k
TX1INT
TX1RST
USDA
USCL
VSYNC
HSYNC
DE
DCK
D0
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
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D14
D15
D16
D17
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D20
D21
D22
D23
D24
D25
D26
D27
D28
D29
D30
D31
D32
D33
D34
D35
GNDD
R421
R423
R424
R425
R427
R428
R429
R430
R431
R436
R440
R441
R442
R443
R444
R446 4.7k
R447 4.7k
R448 2.7k
R449 2.7k
Q421
Q422
DTC114YUA
VA425 NM
VA427 NM
PULSL1
5SH
EXHD
V+5HD1
C441
C442
C443
C444
C445
C446
C447
C448
VC01006-A
L426
L423
L424
L425
ATH7022-A
R450 47k
C440 0.01u/10
C468 NM
RT1
RT2
RT3
RT4
JA421
AKF7220-A
HDMI OUT1
R451 100
R452 100
V+3TX1
R270
R271
R272 47k/63
C264
CN251
HDMI-17-2A
CEC/O
ADPWR1
ADPWR2
IOPWR1
IOPWR2
HPD
STSV
GNDU
V+5ST
R251 NM
R252 NM
R253 NM
R254 NM
R255 33k
D251
RB751V-40
Q251
2SK2204
R260 150k
C252 1u/10
C253 1u/10
IC252
S-1112B33MC-L6S
R256 NM
R257 NM
R258 NM
R259 NM
R261 NM
R262 NM
R263 NM
R264 0 (1608)
R265 0 (1608)
V+5R1
V+5R2
V+5R3
V+5R4
V+5R5
V+5R6
C251 NM
74LVC125
V+5HD1
HDMA
BAUD
RXDV
UCHD
CEC
AE F 7/8
AE F 1/8,3/8,4/8,5/8
AE F 1/8,3/8,5/8
AE F 1/8
AE F 5/8
AC 2/2 CN6409

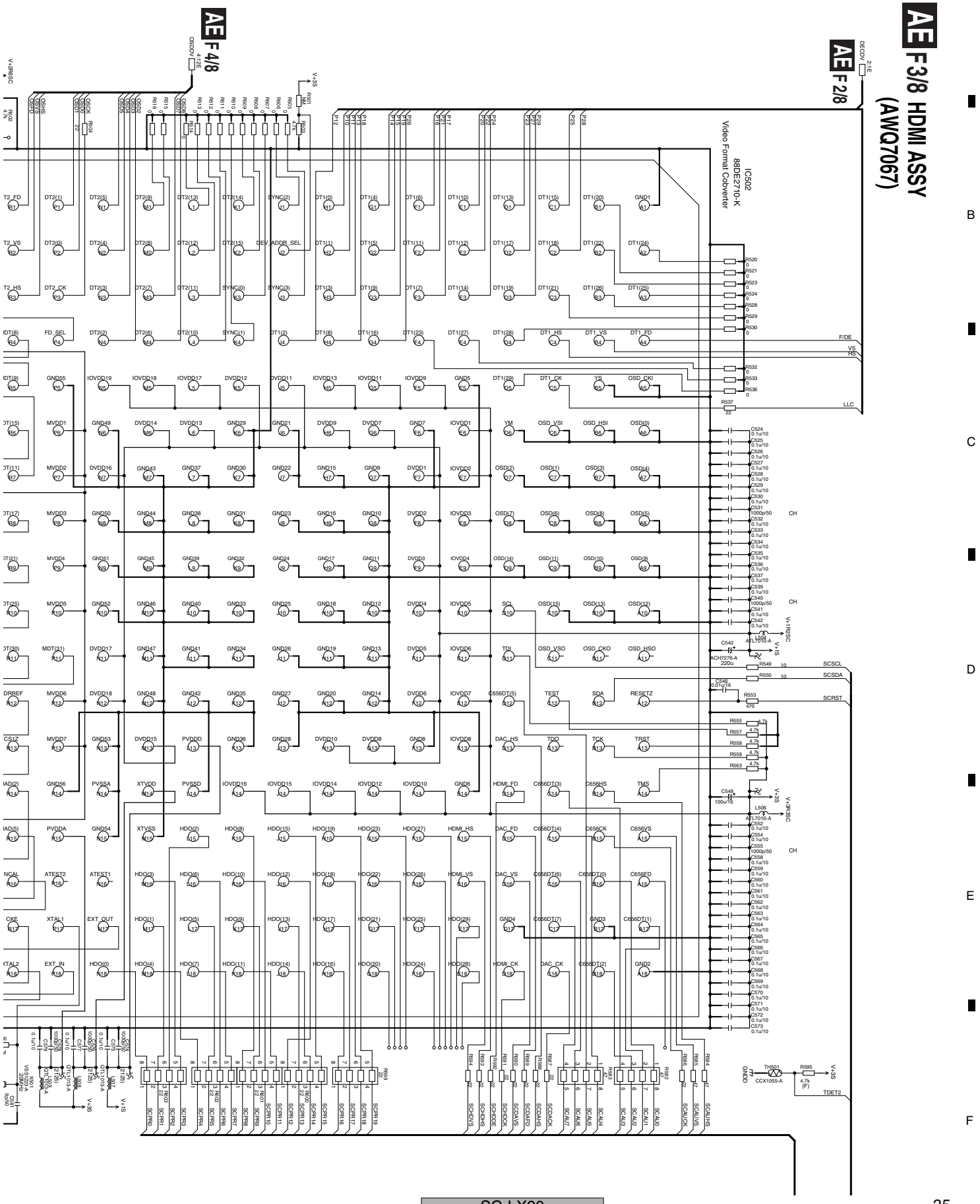
3.5 HDMI ASSY (3/8)

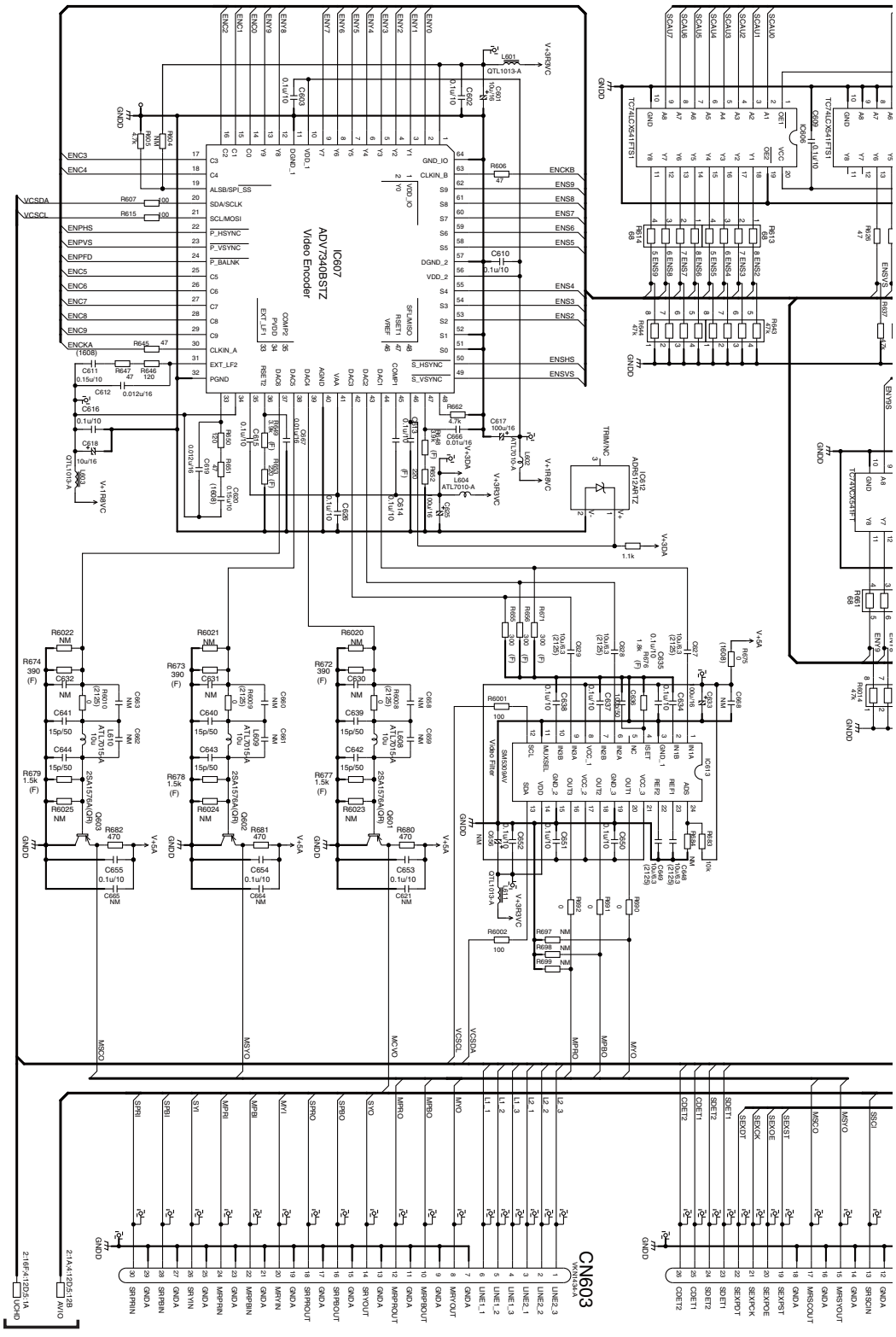
AE F 3/8

Large size SCH diagram

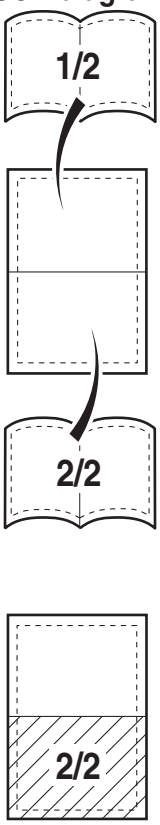


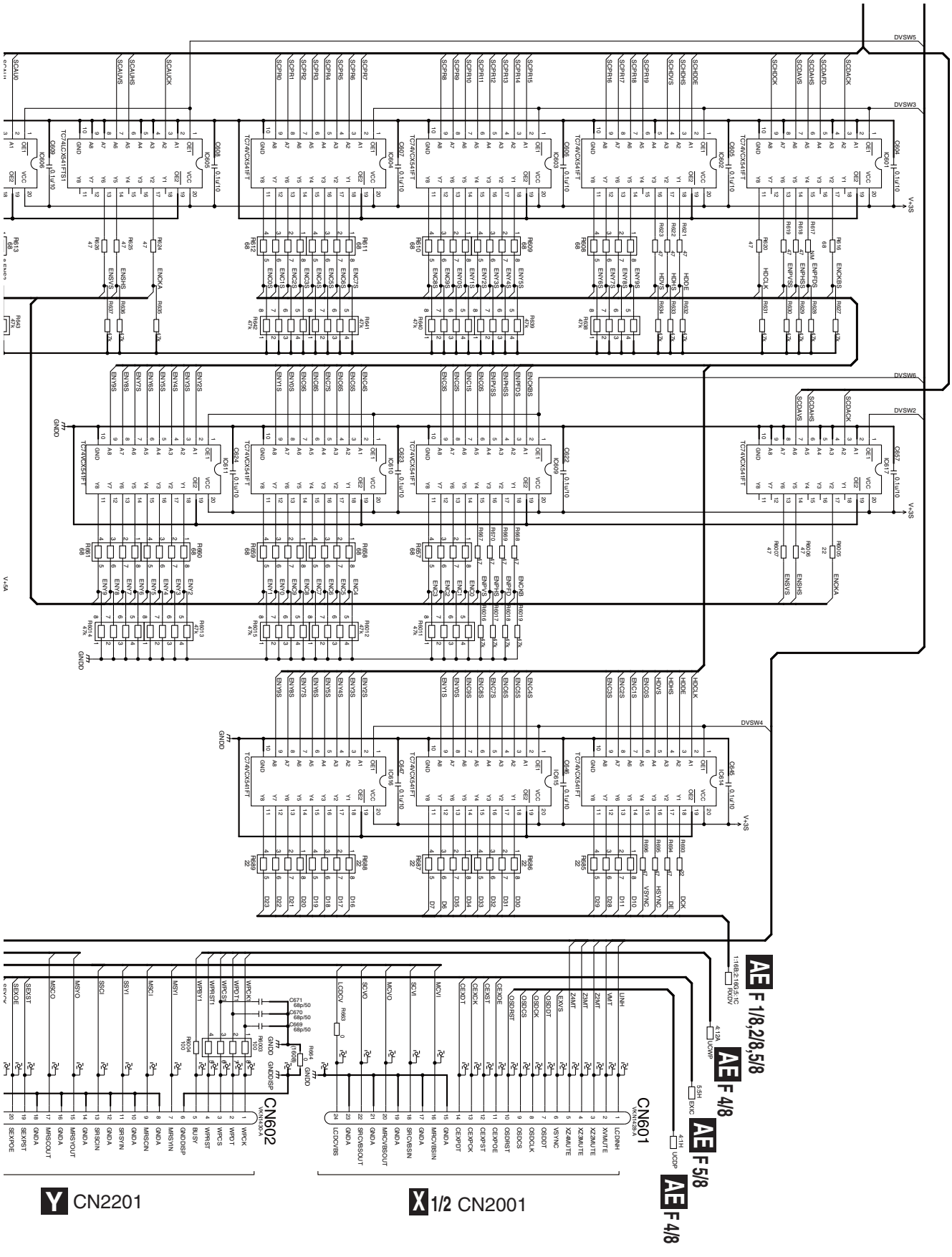



AE F4/8
AE F2/8
IC502
88DE2710-K
Video Format Coverter
F/DE
VS
HS
LLC
CH
SCSCL
SCSDA
SCRST
TDET2

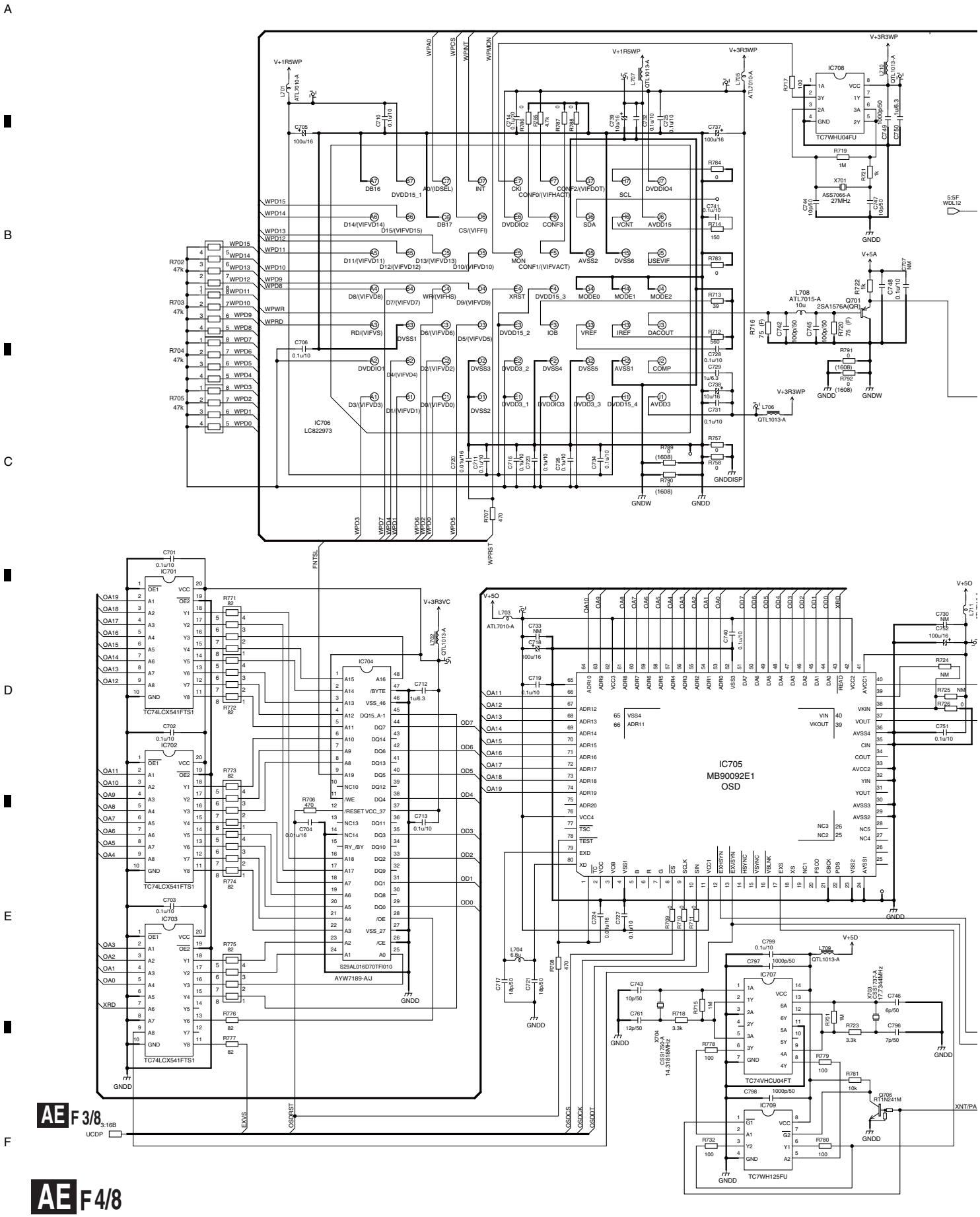


Large size SCH diagram

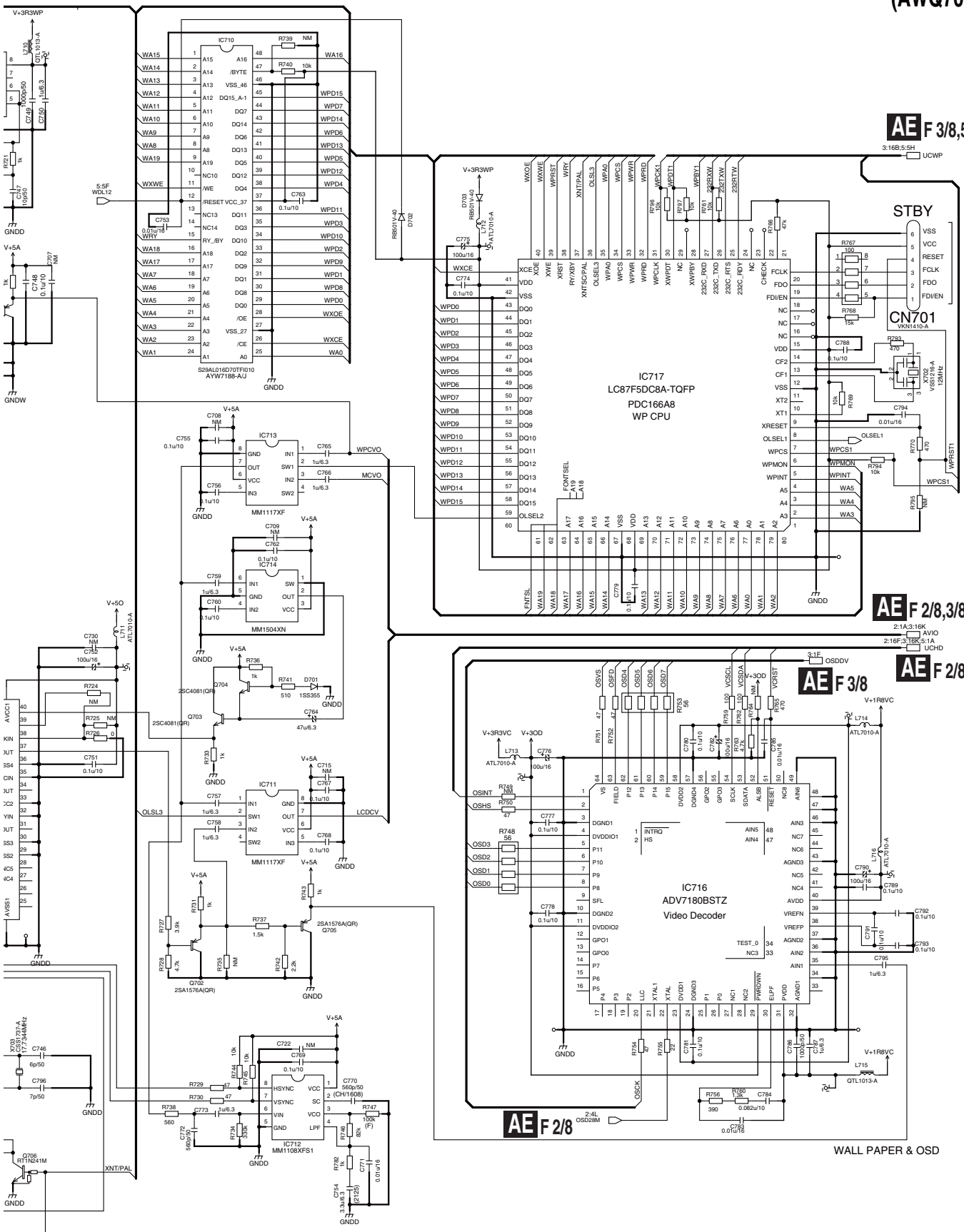



DVSW5
DVSW3
DVSW6
DVSW2
DVSW4
V+3S
V+5A
GNDD
CN602
VKN1459-A
CN601
VKN1459-A
CN2201
CN2001
AE F 1/8,2/8,5/8
AE F 4/8
AE F 5/8
AE F 4/8

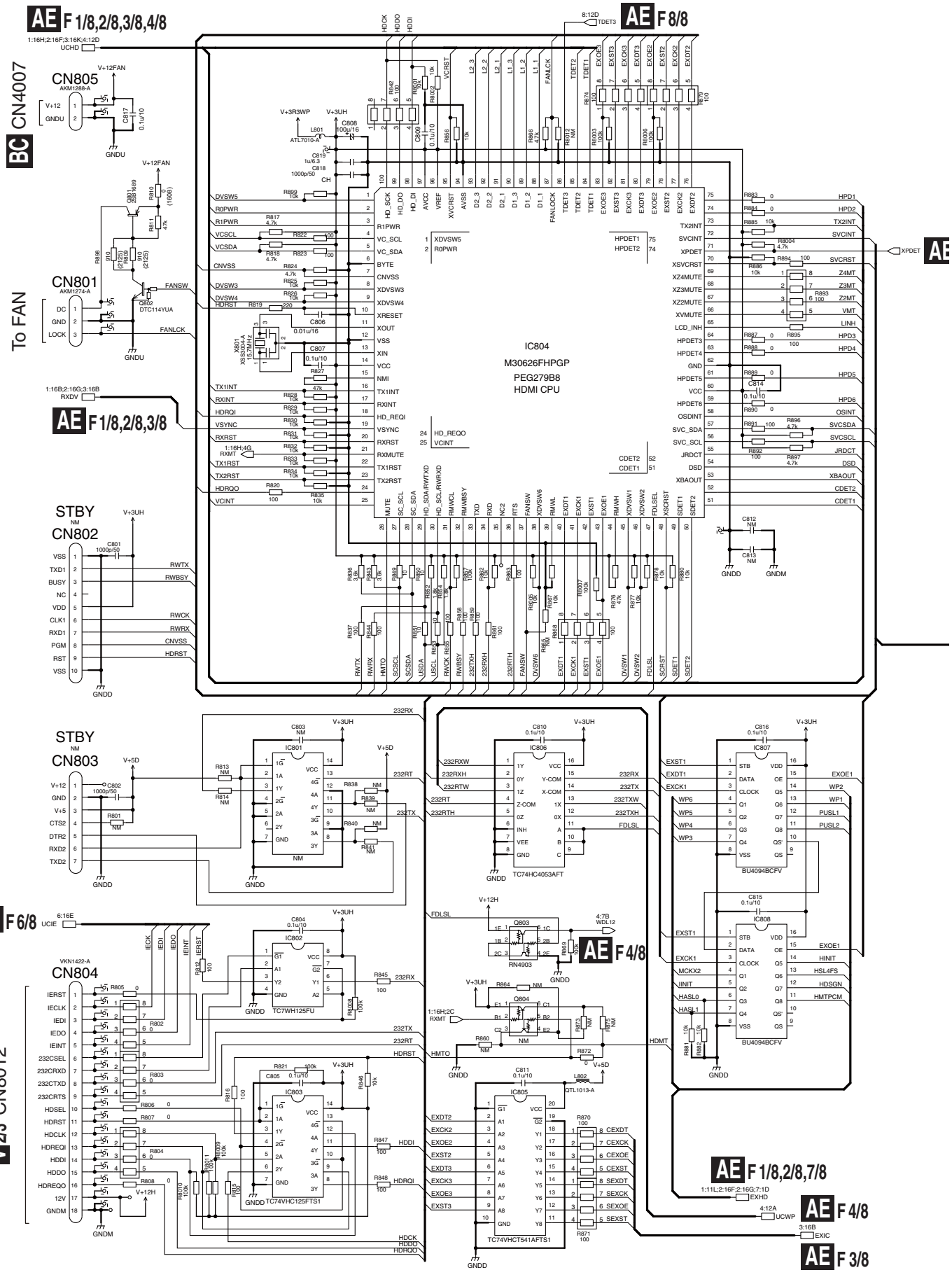
3.6 HDMI ASSY (4/8)

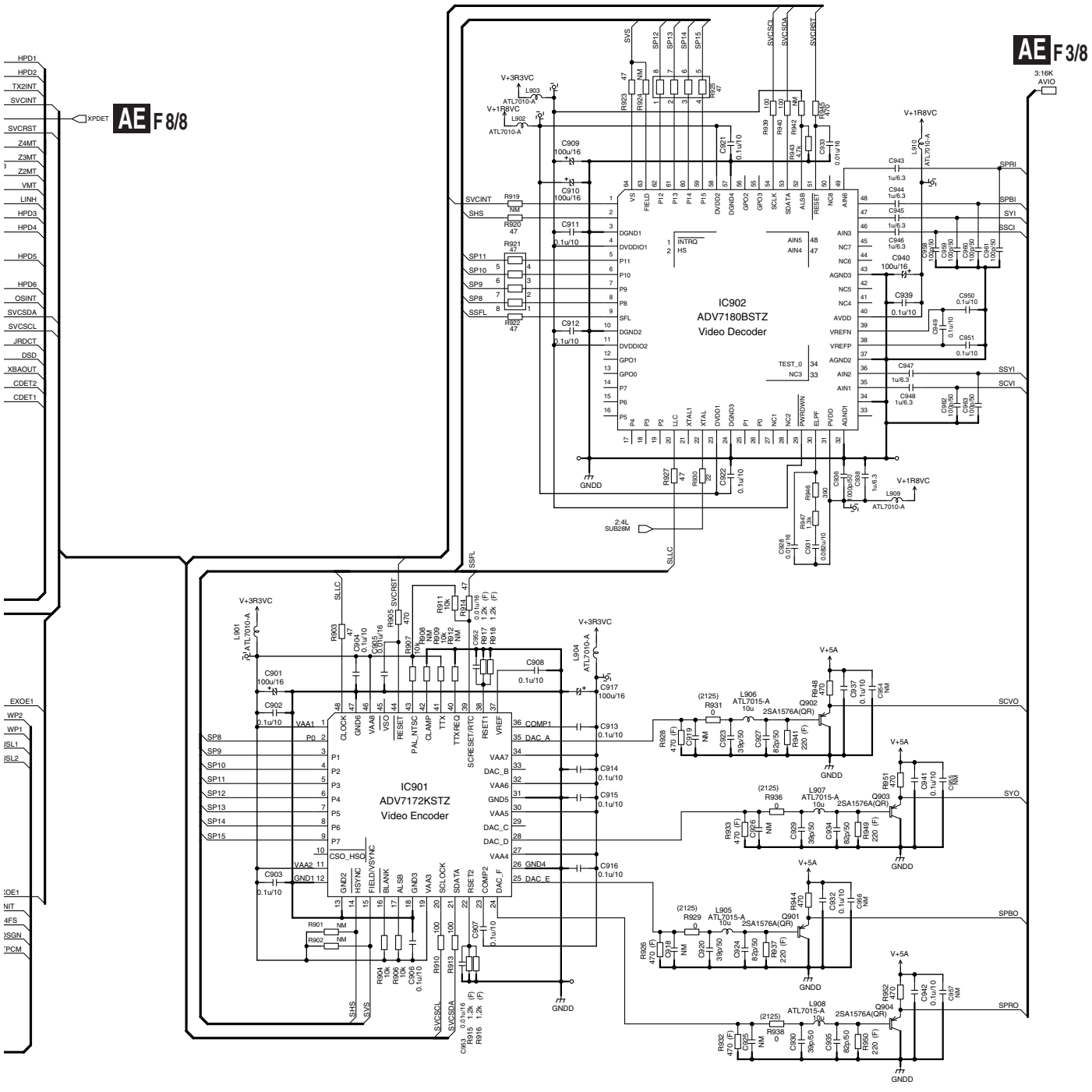


AE F 4/8 HDMI ASSY (AWQ7067)



3.7 HDMI ASSY (5/8)




IC902
ADV7180BSTZ
Video Decoder
IC901
ADV7172KSTZ
Video Encoder
HDMI CPU & SUB DVC
XPDET
AE F 8/8
AE F 3/8
AE F 4/8
AE F 3/8
AE F 5/8
GNDD
V+3R3VC
V+1R8VC
V+5A

3.8 HDMI ASSY (6/8)

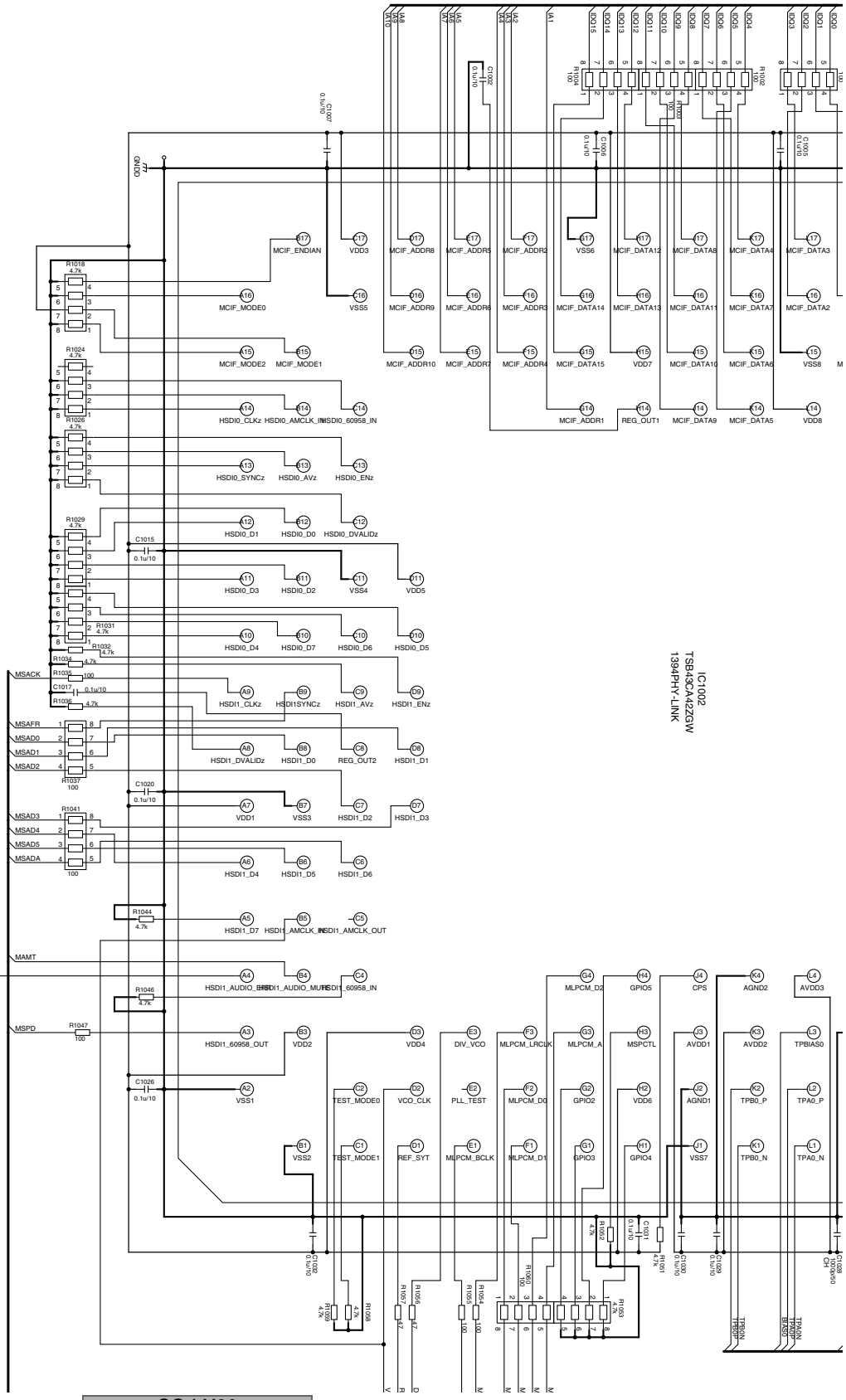
AE F 6/8

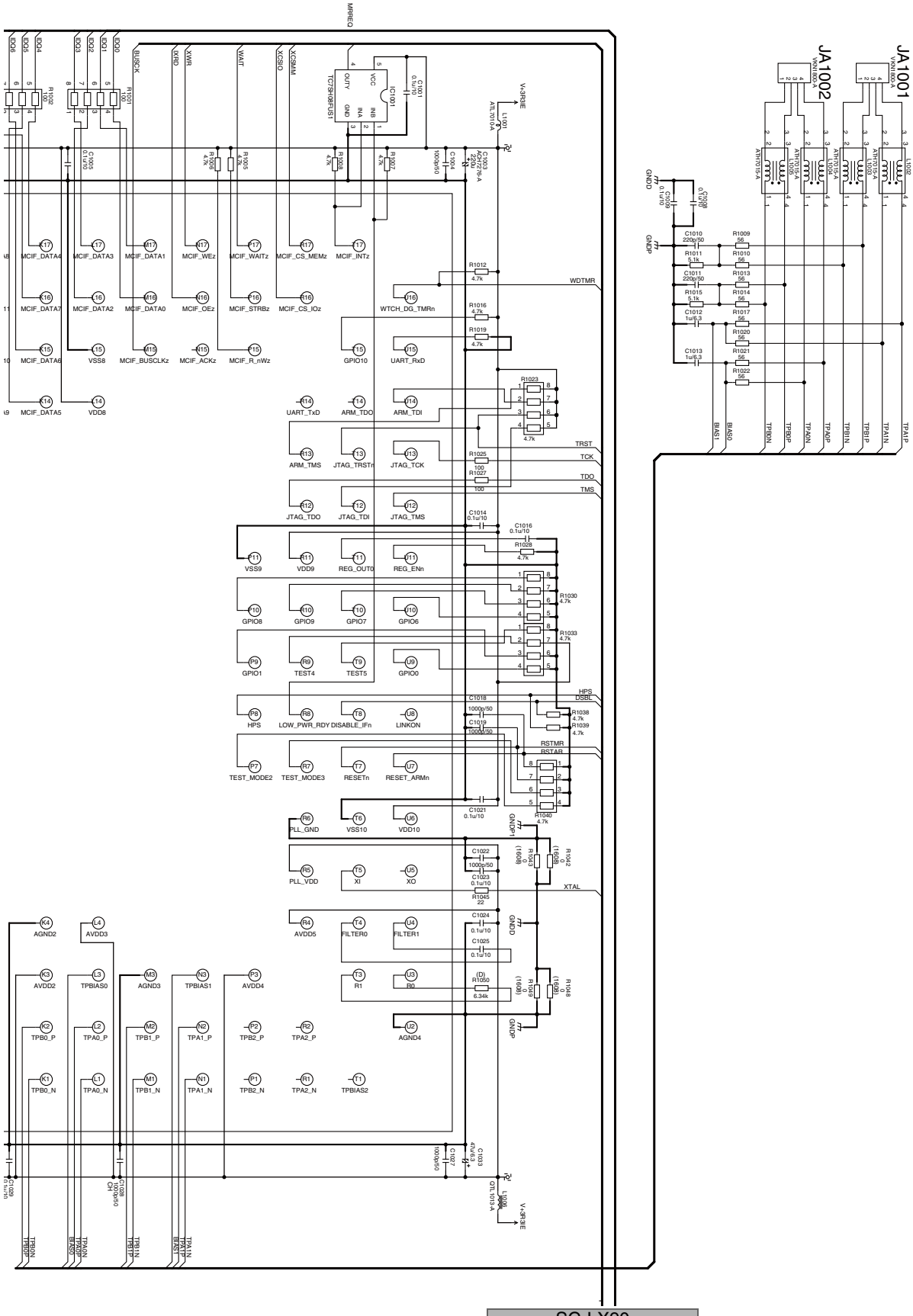
Large size SCH diagram

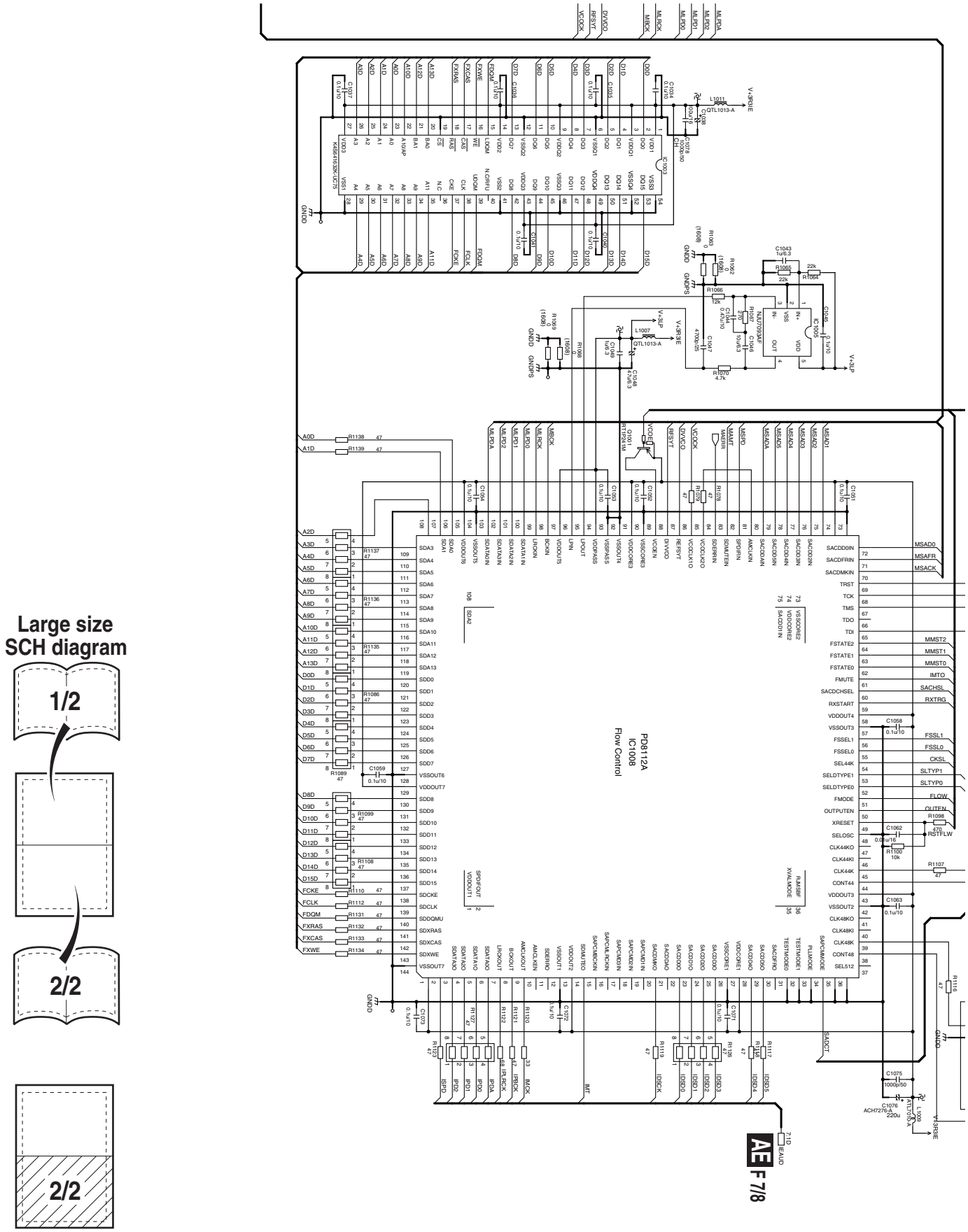
1/2

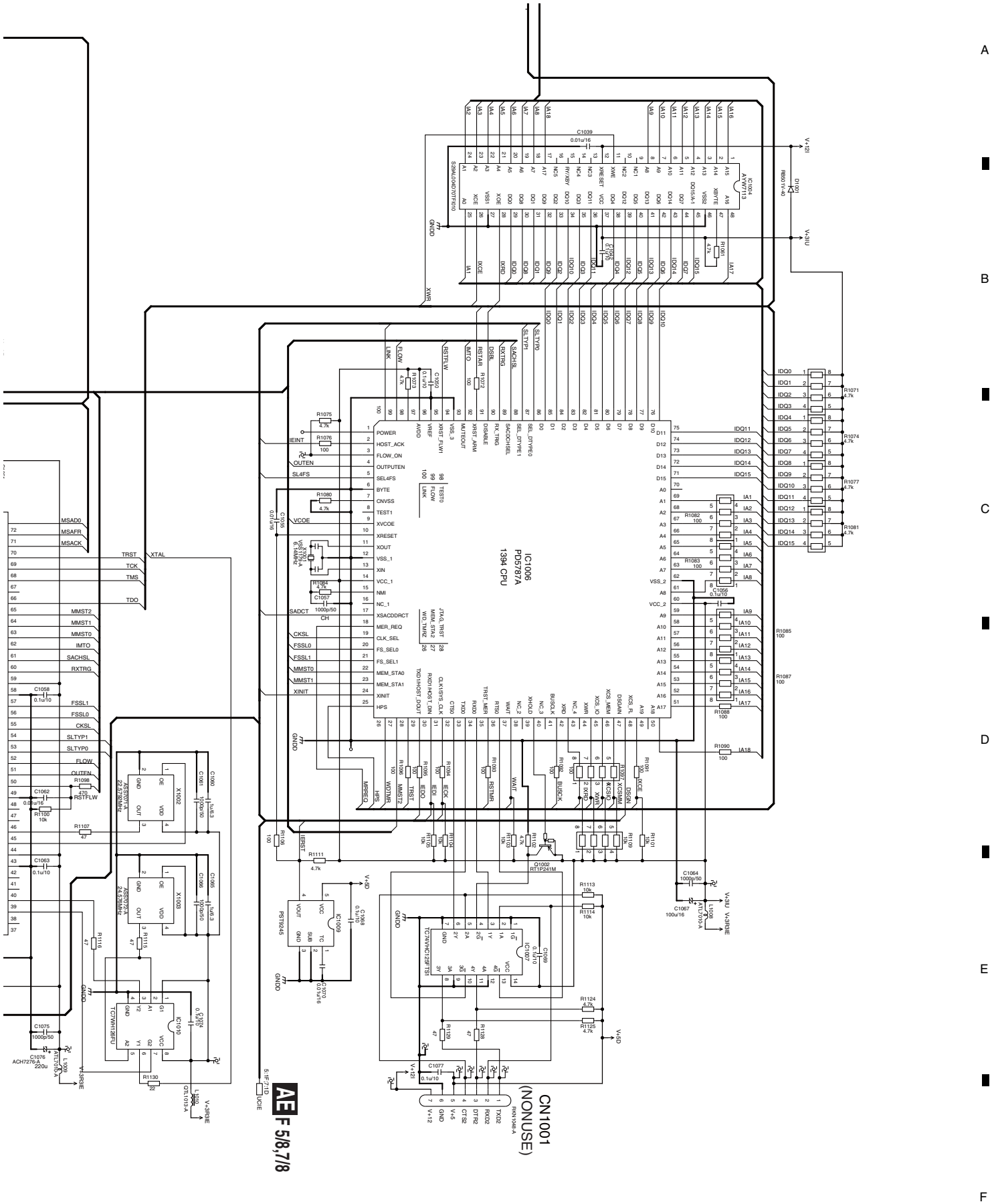
2/2

1/2

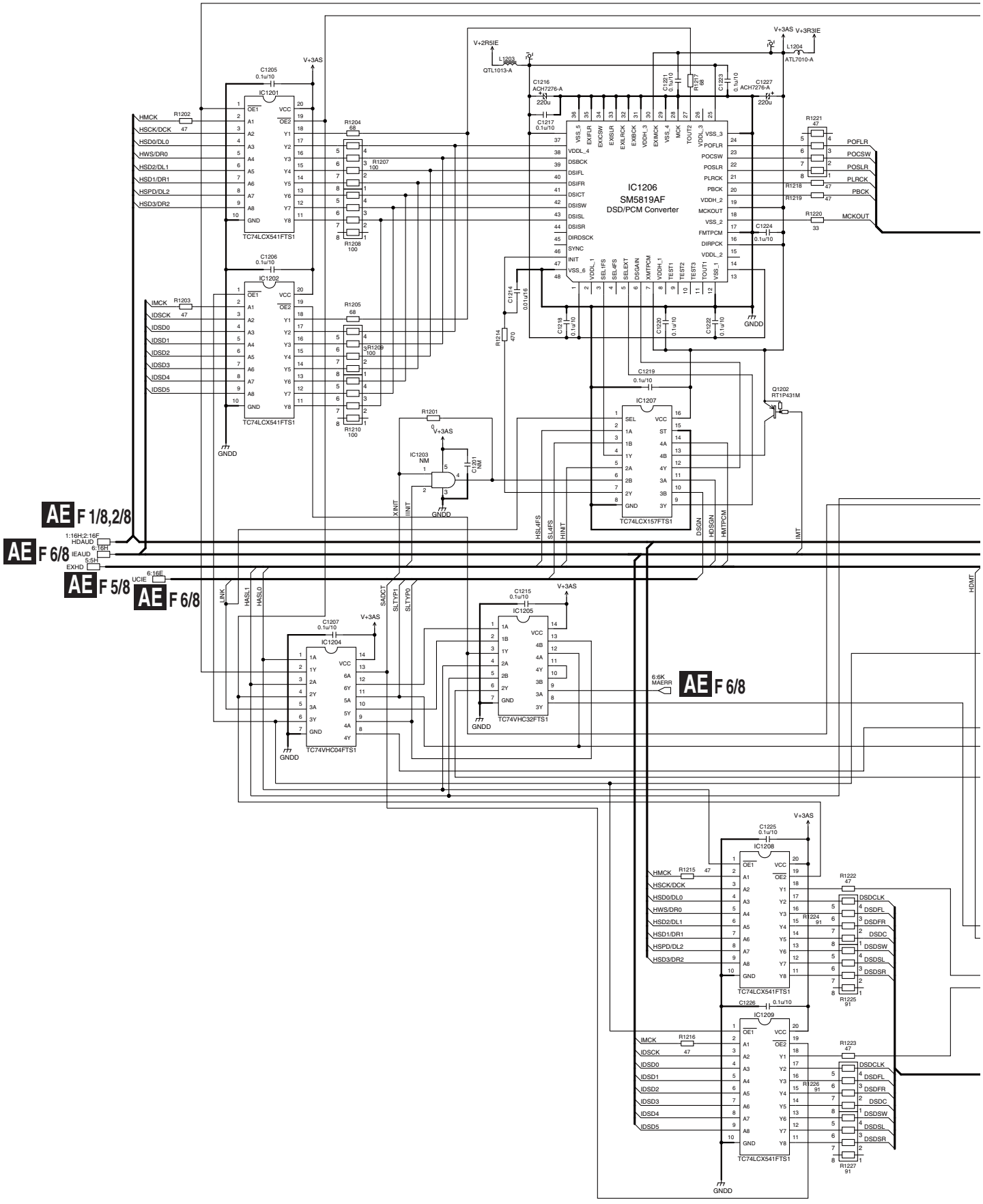



JA1001
JA1002
MRREQ
MCIF_DATA4
MCIF_DATA3
MCIF_DATA1
MCIF_WEz
MCIF_WAITz
MCIF_CS_MEMz
MCIF_INTz
MCIF_DATA7
MCIF_DATA2
MCIF_DATA0
MCIF_OEz
MCIF_STRBz
MCIF_CS_IOz
MCIF_DATA6
VSS8
MCIF_BUSCLKz
MCIF_ACKz
MCIF_R_nWz
MCIF_DATA5
VDD8
WTCH_DG_TMRn
GPIO10
UART_RxD
UART_TxD
ARM_TDO
ARM_TDI
ARM_TMS
JTAG_TRSTn
JTAG_TCK
JTAG_TDO
JTAG_TDI
JTAG_TMS
VSS9
VDD9
REG_OUT0
REG_ENn
GPIO8
GPIO9
GPIO7
GPIO6
GPIO1
TEST4
TEST5
GPIO0
HPS
LOW_PWR_RDY
DISABLE_IFn
LINKON
TEST_MODE2
TEST_MODE3
RESETn
RESET_ARMn
PLL_GND
VSS10
VDD10
PLL_VDD
XI
XO
AVDD5
FILTER0
FILTER1
R1
R0
AGND2
AVDD3
AVDD2
TPBIAS0
AGND3
TPBIAS1
AVDD4
TPB0_P
TPA0_P
TPB1_P
TPA1_P
TPB2_P
TPA2_P
AGND4
TPB0_N
TPA0_N
TPB1_N
TPA1_N
TPB2_N
TPA2_N
TPBIAS2
WDTMR
TRST
TCK
TDO
TMS
HPS
DSBL
RSTMR
RSTAR
XTAL
TPBAP
TPBAN
TPAAP
TPAAN
TPBBP
TPBBN
TPABP
TPABN
BAS1
BAS0
TPBIP
TPBIN
TPAIP
TPAIN
GND
GNDP
GNDP1
GNDA
V+3R3E
V+3R3SE

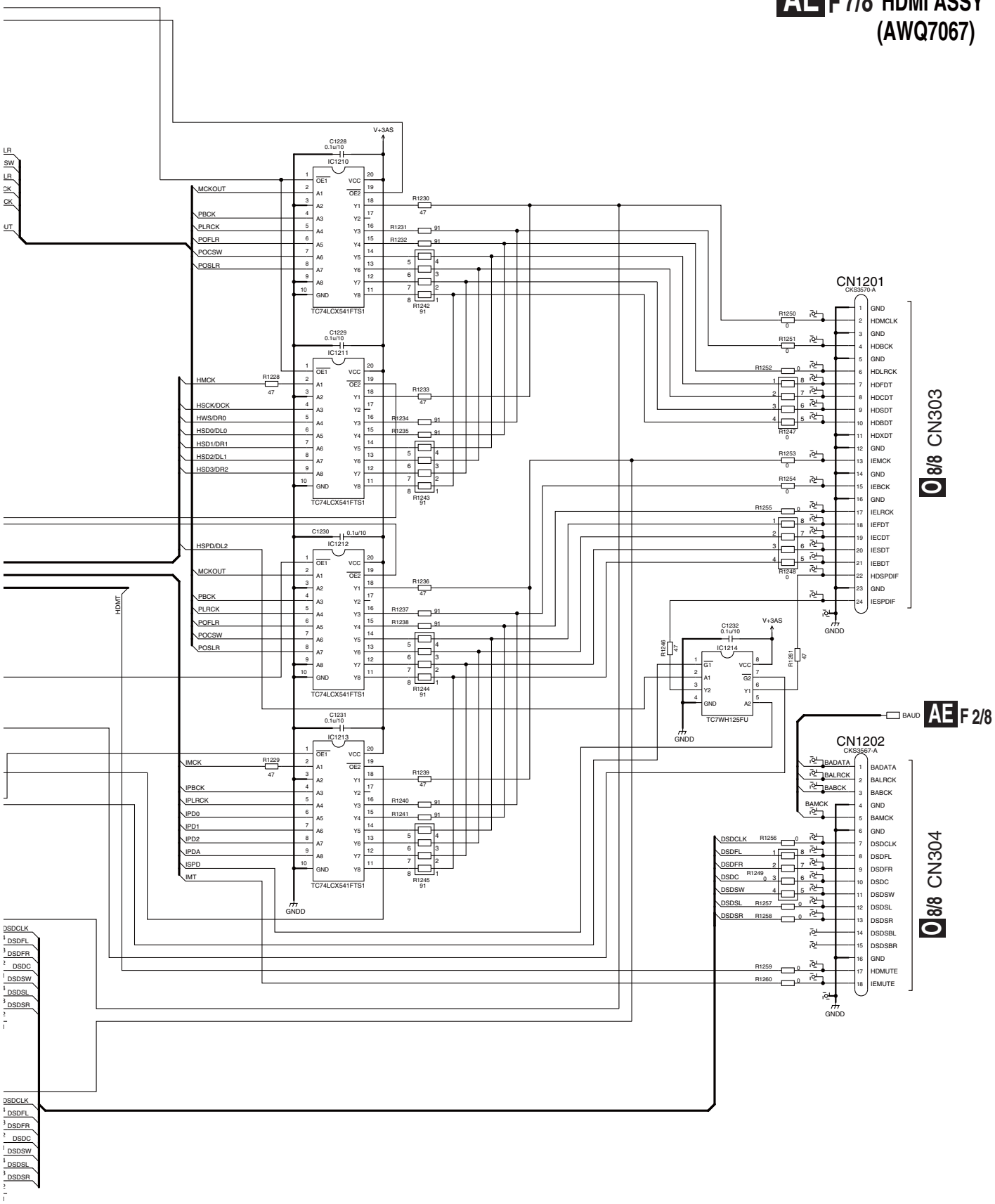

PD8112A
IC1008
Flow Control
Large size
SCH diagram
1/2
2/2
2/2
AE F 7/8
AE F 6/8


IC1006
PD5787A
1394 CPU
IC1004
AYW7113
CN1001
(NONUSE)
AE F 5/8,7/8

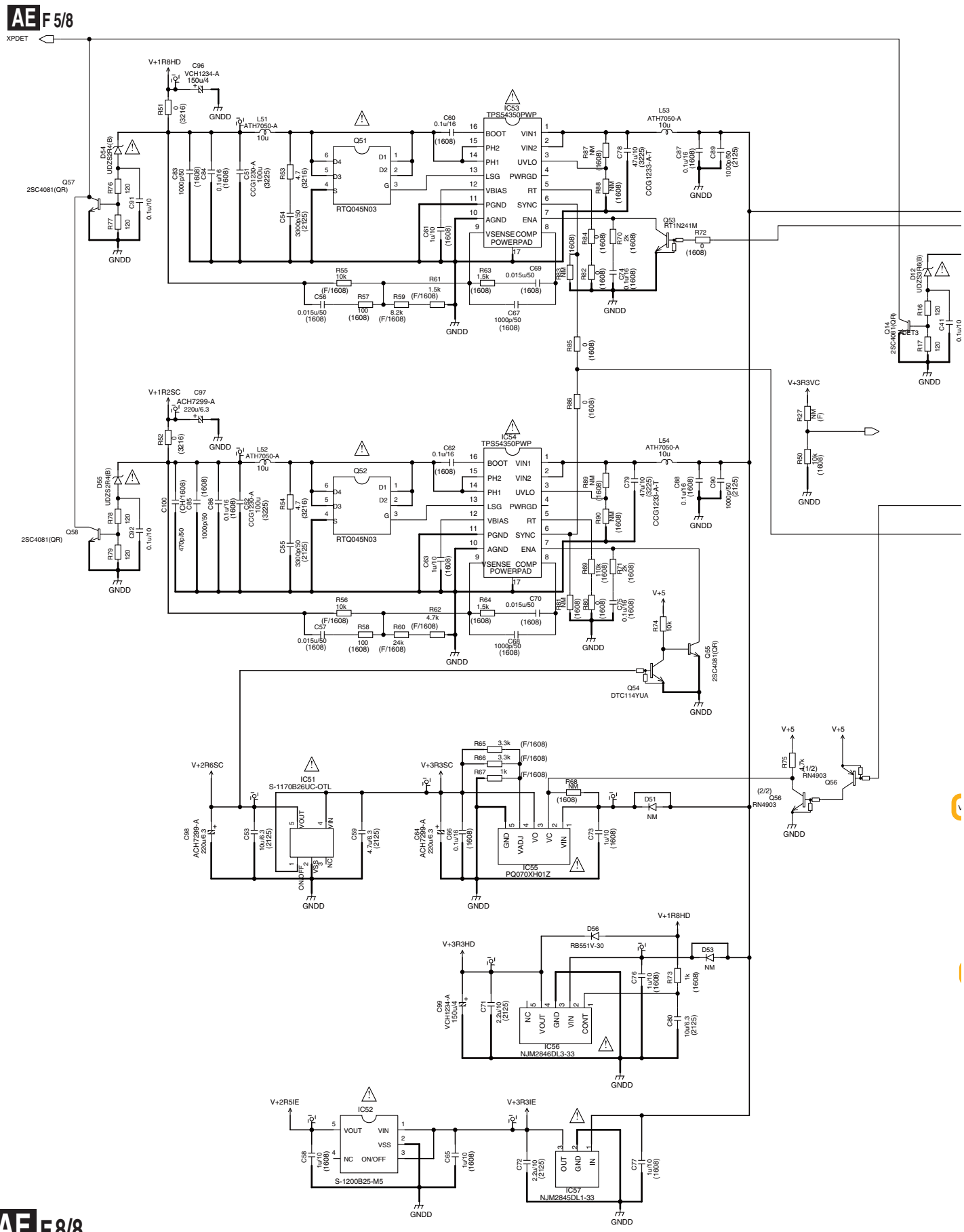
3.9 HDMI ASSY (7/8)

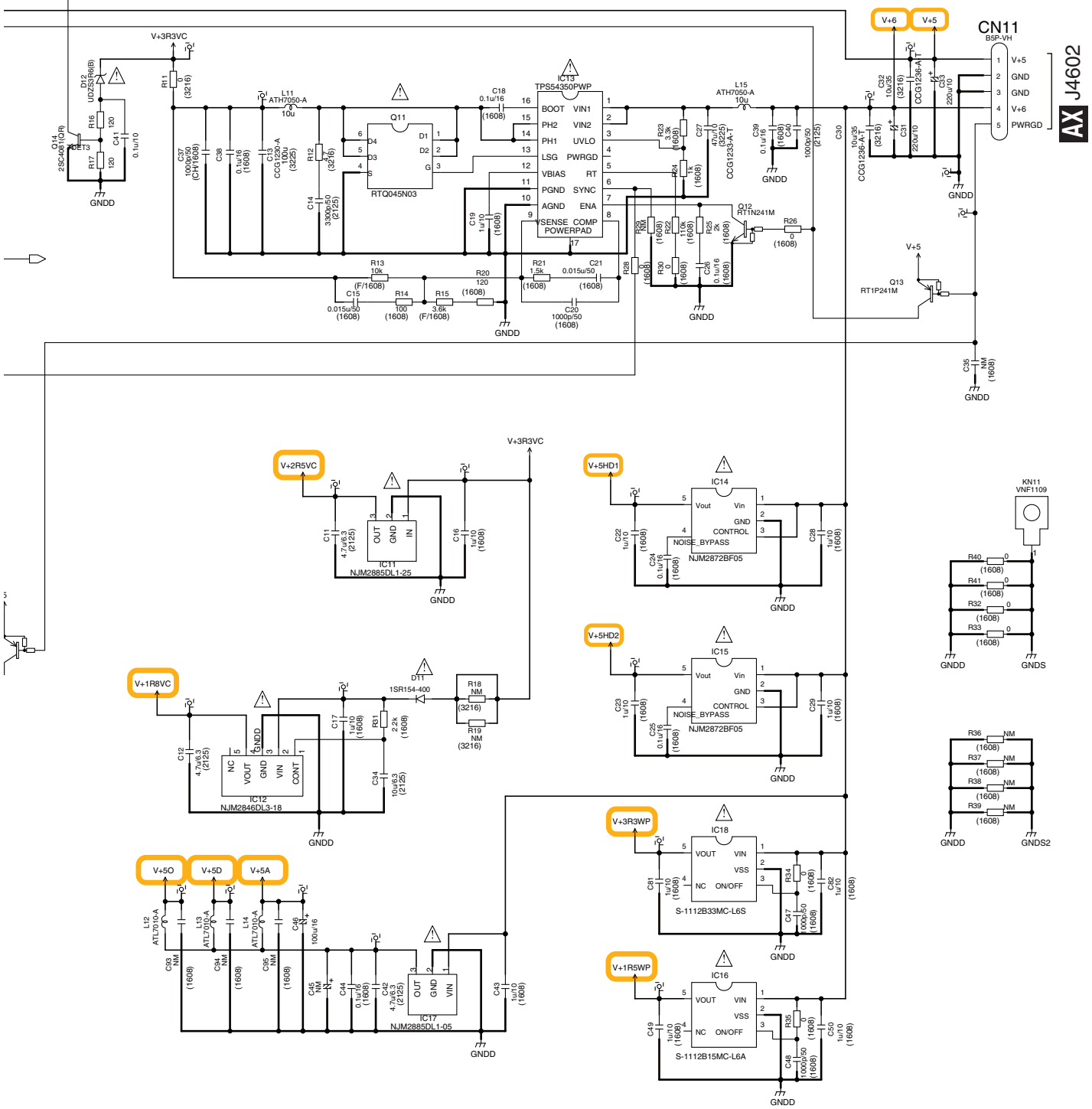


AE F 7/8 HDMI ASSY (AWQ7067)



3.10 HDMI ASSY (8/8)

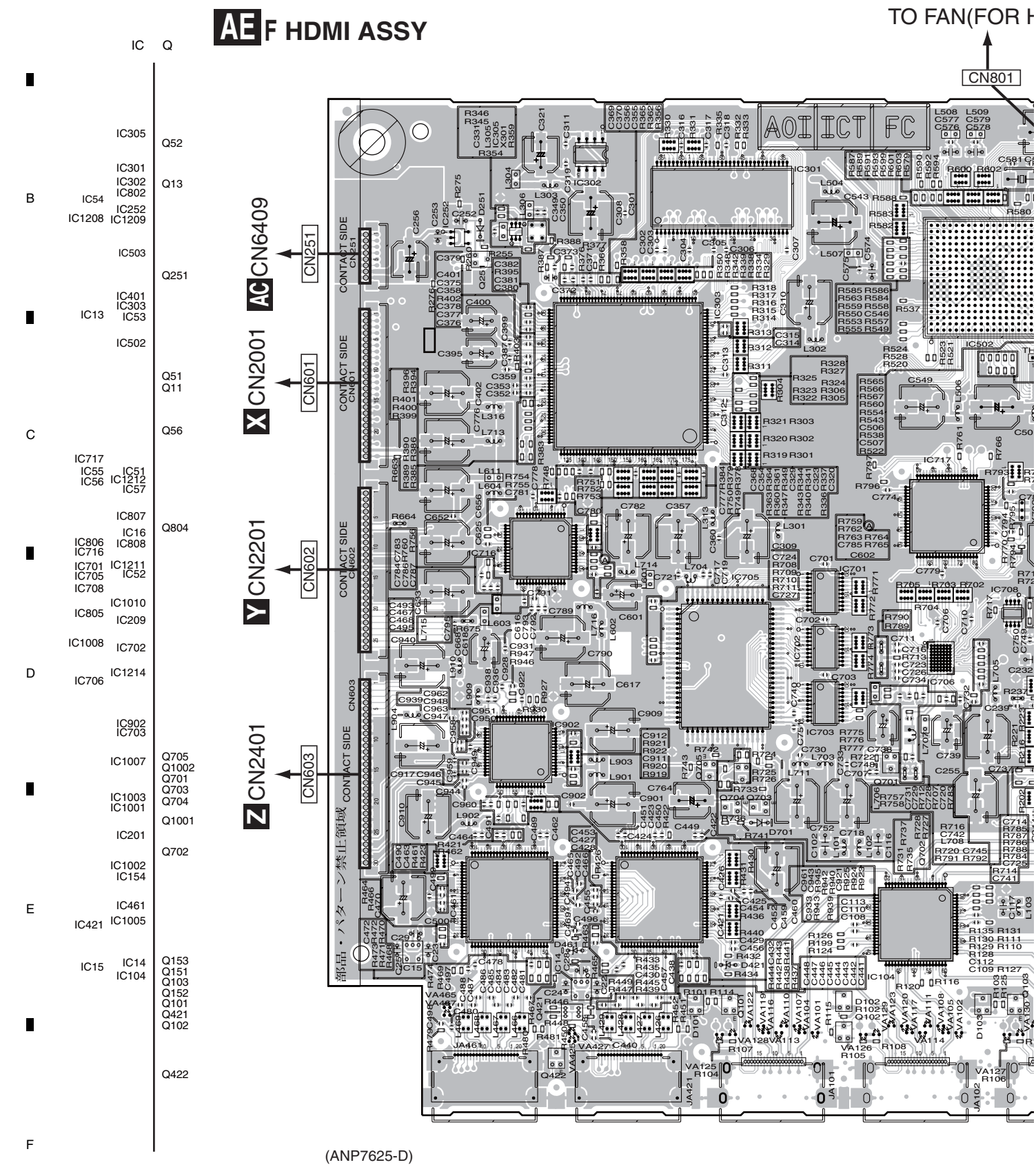



V+3R3VC
CN11
BSP-VH
J4602
AX
V+6
V+5
GND
PWRGD
IC13
TPS54350PWP
BOOT
VIN1
PH2
VIN2
PH1
UVLO
LSG
PWRGD
VBIAS
RT
PGND
SYNC
AGND
ENA
VSENSE
COMP
POWERPAD
Q11
RTQ045N03
Q12
RT1N241M
Q13
RT1P241M
L11
ATH7050-A
L15
CCG1233-A-T
CCG1236-A-T
GNDD
V+2R5VC
IC11
NJM2885DL1-25
V+5HD1
IC14
V+5HD2
IC15
NJM2872BF05
KN11
VNF1109
GNDS
V+1R8VC
D11
1SR154-400
IC12
NJM2846DL3-18
V+3R3WP
IC18
S-1112B33MC-L6S
V+1R5WP
IC16
S-1112B15MC-L6A
V+5O
V+5D
V+5A
IC17
NJM2885DL1-05
GNDS2

4. PCB CONNECTION DIAGRAM
4.1 HDMI ASSY

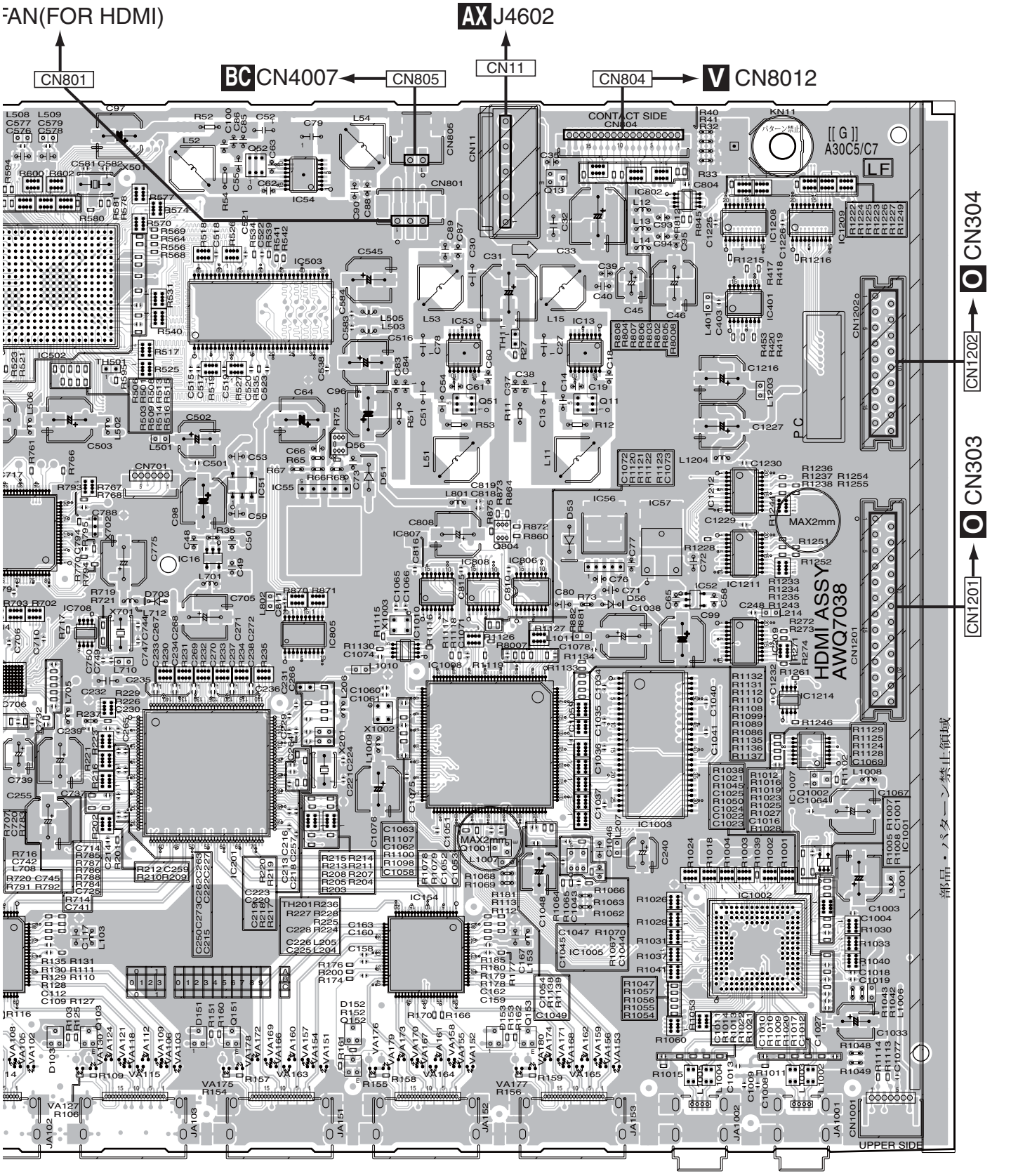
SIDE A

AE F HDMI ASSY



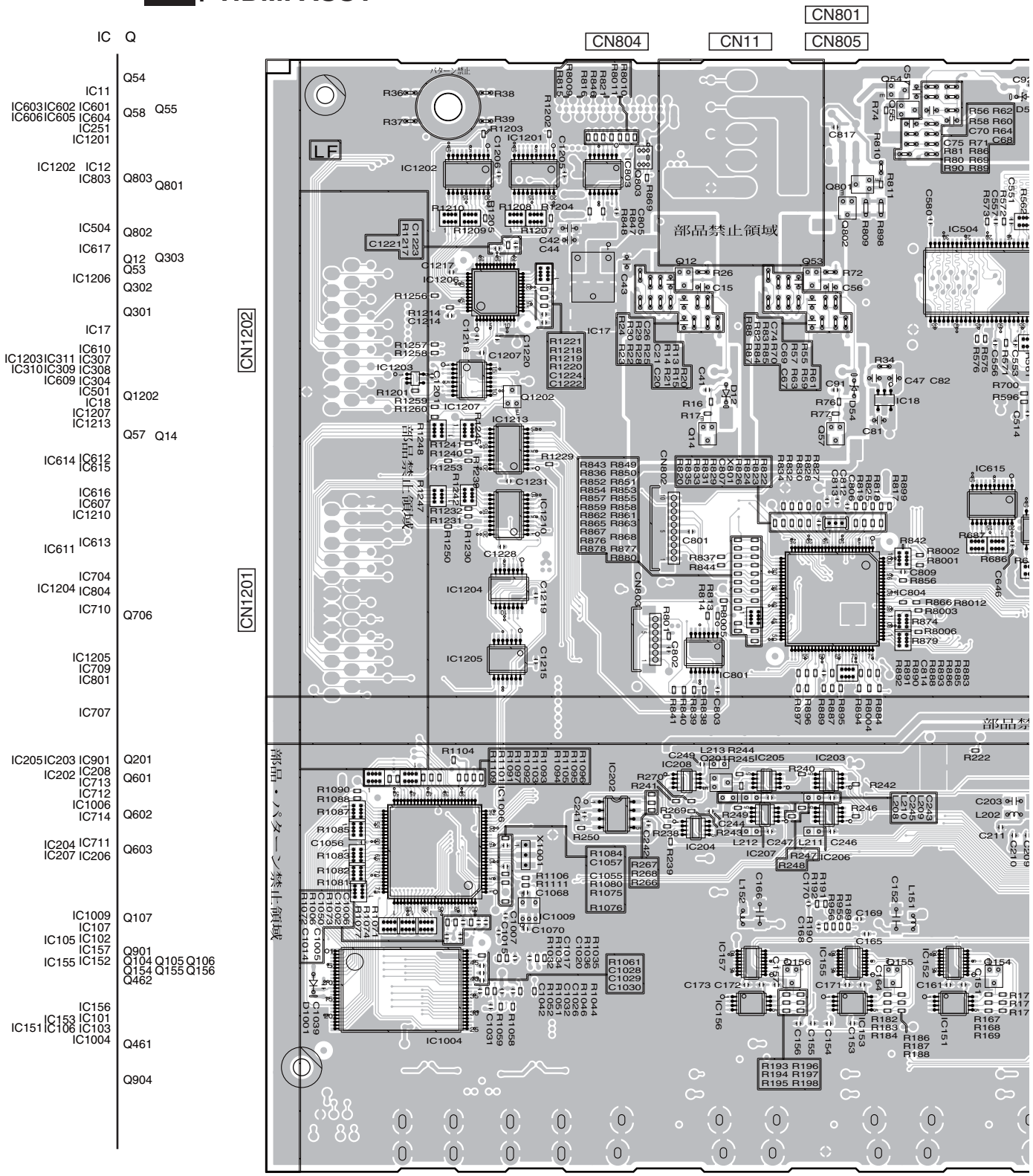
(ANP7625-D)

SIDE A

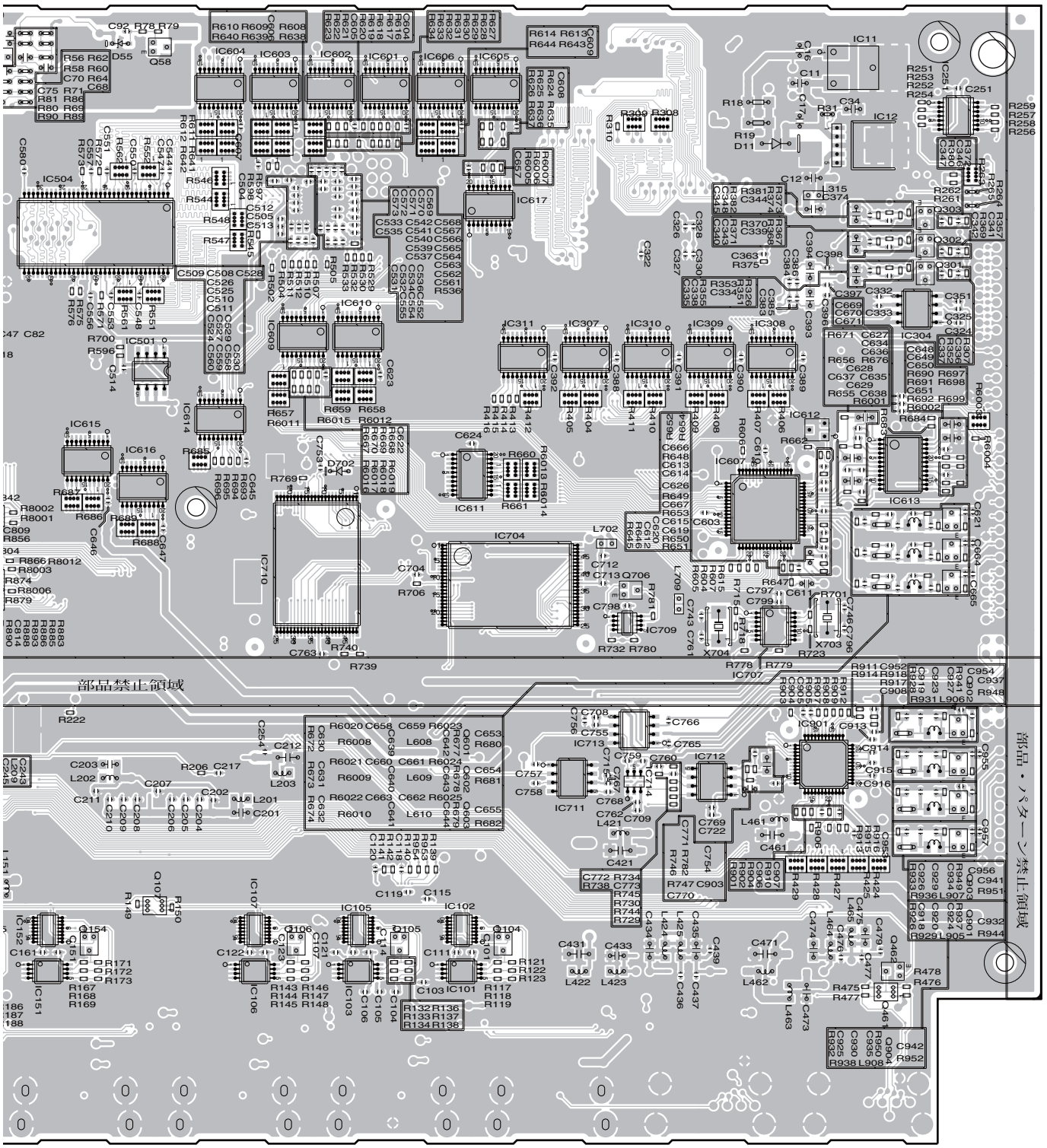

FAN(FOR HDMI)
CN801
BC CN4007
CN805
AX J4602
CN11
CN804
V CN8012
CONTACT SIDE
CN304
[[G]]
A30C5/C7
LF
O CN304
CN1202
O CN303
O CN1201
HDMI ASSY
AWQ7038
MAX2mm
部品・パターン禁止領域
UPPER SIDE

SIDE B

AEF HDMI ASSY



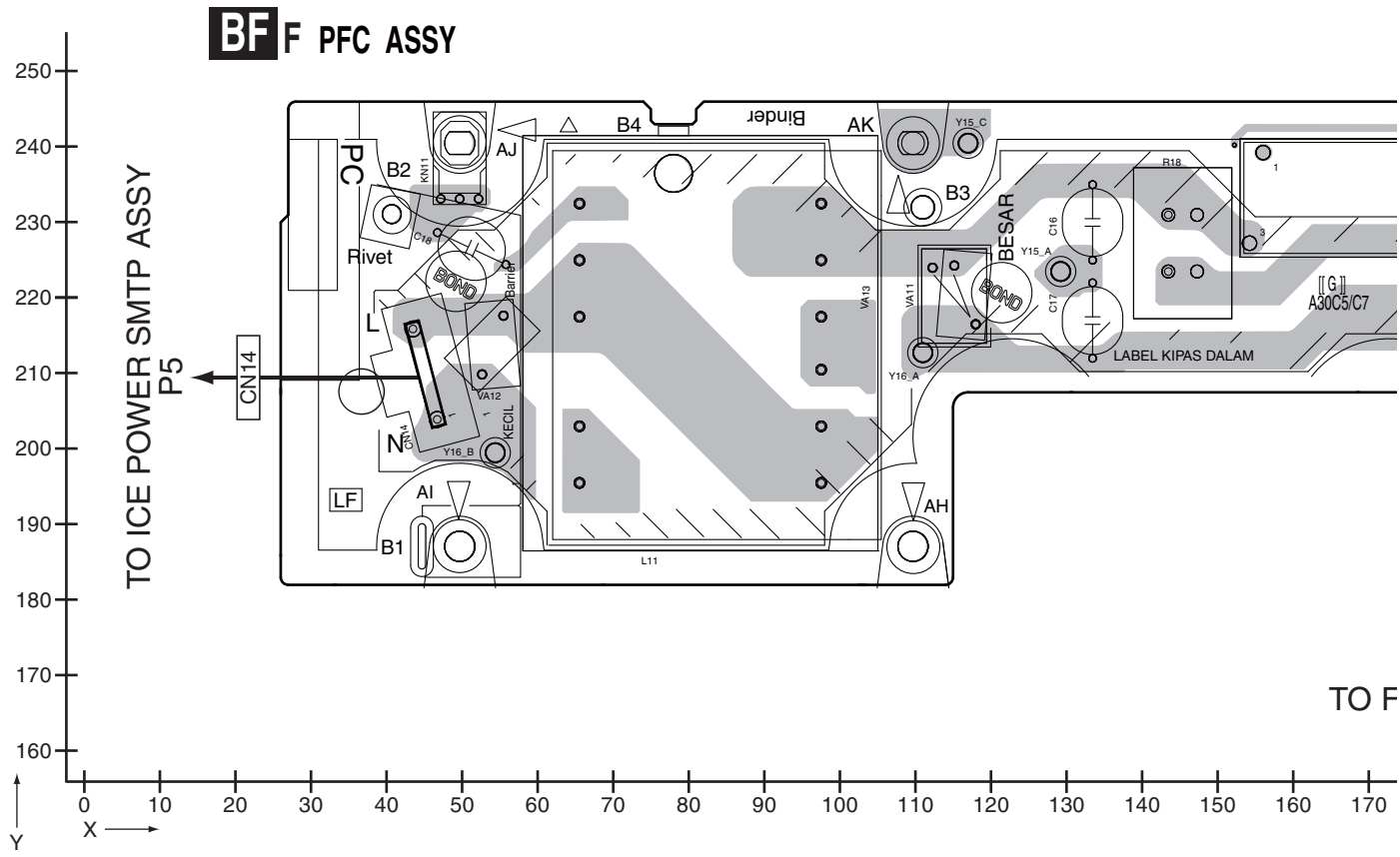
SIDE B



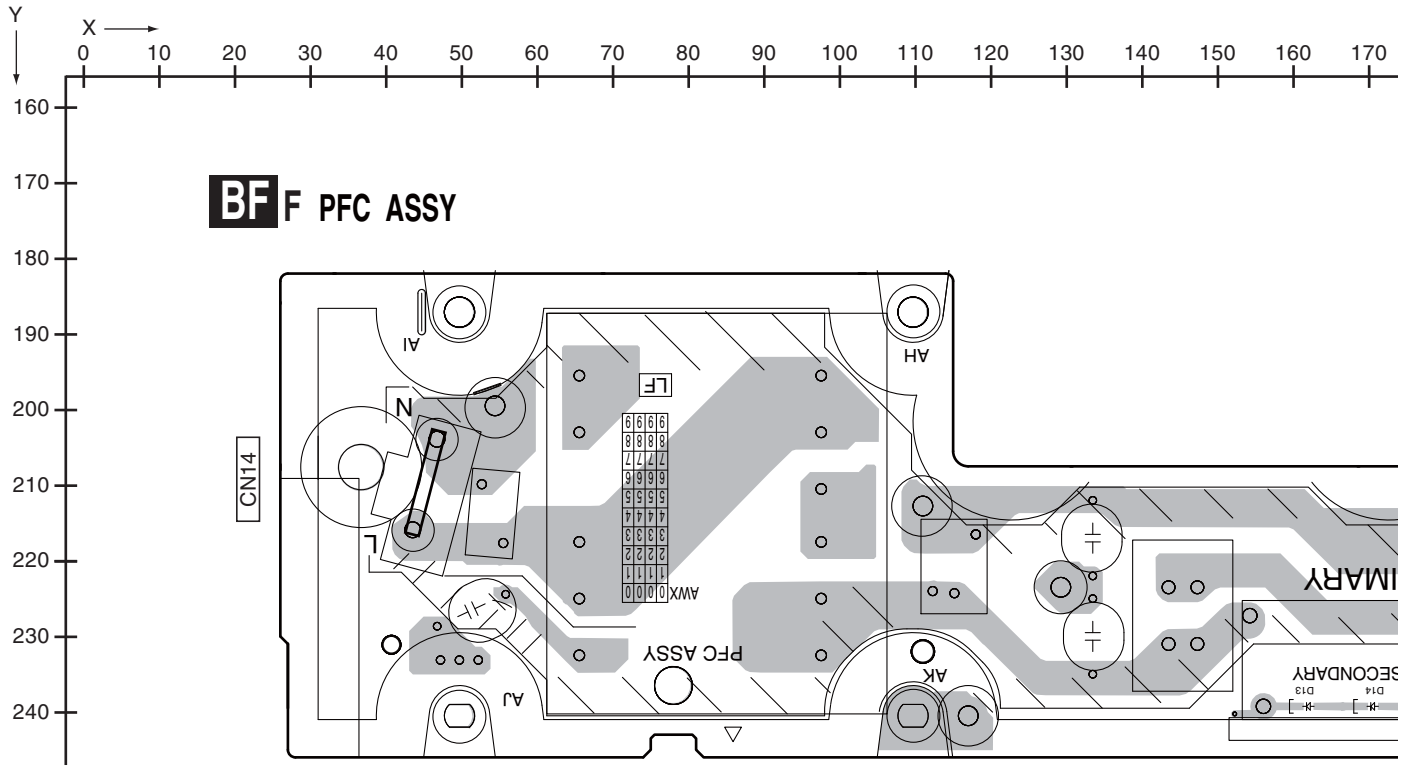
(ANP7625-D)

4.2 PFC ASSY

SIDE A

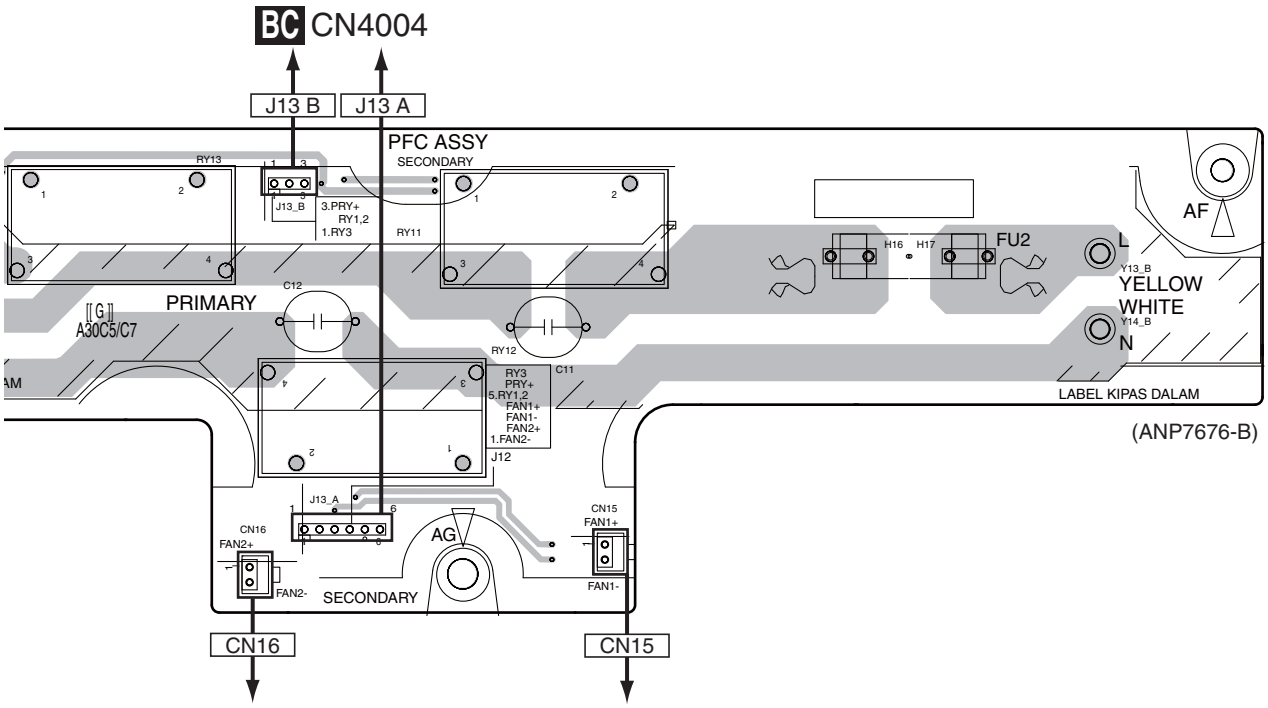


SIDE B



BF F

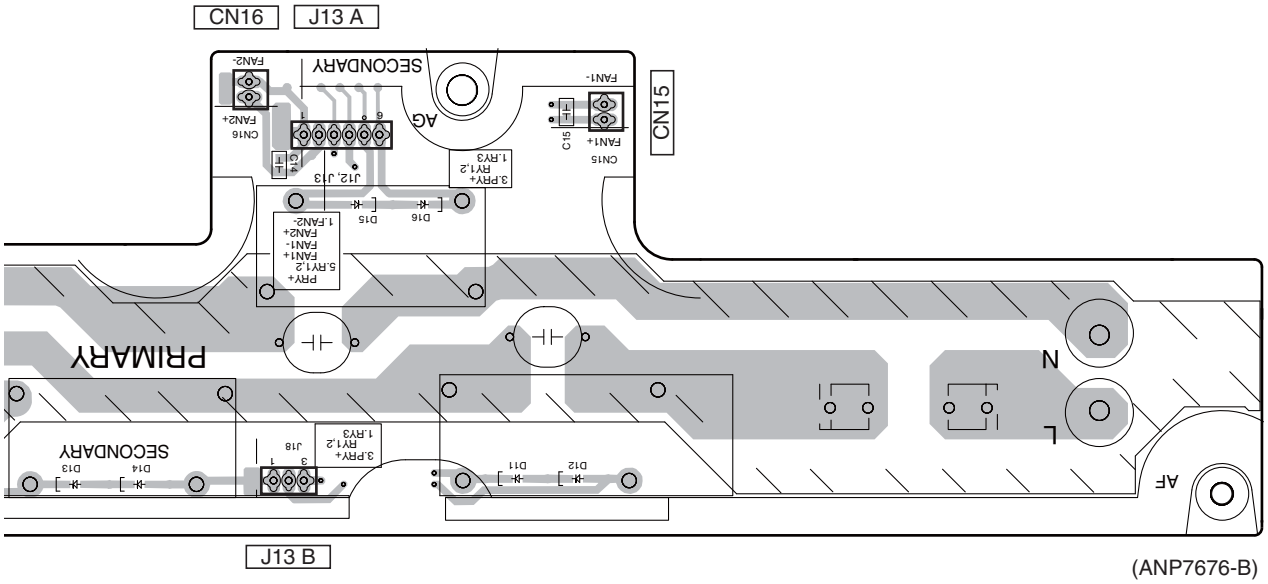
SIDE A



160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320

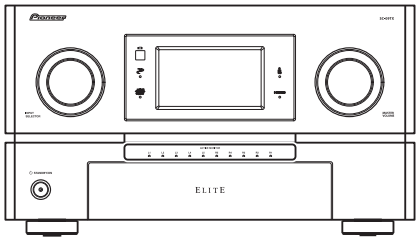
SIDE B

160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320



Pioneer sound.vision.soul

Service Manual



SC-09TX

ORDER NO.
RRV3708

AUDIO/VIDEO MULTI-CHANNEL RECEIVER

SC-09TX

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Model	Type	Power Requirement	Remarks
SC-09TX	KUXJ/CA	AC 120 V	

This service manual should be used together with the following manual(s).

Model No.	Order No.	Remarks
SC-09TX/KUXJ/CA	RRV3711	SCHEMATIC DIAGRAM, PCB CONNECTION DIAGRAM and PCB PARTS LIST



For details, refer to "Important Check Points for good servicing".

PIONEER CORPORATION 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654, Japan
PIONEER ELECTRONICS (USA) INC. P.O. Box 1760, Long Beach, CA 90801-1760, U.S.A.
PIONEER EUROPE NV Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium
PIONEER ELECTRONICS ASIACENTRE PTE. LTD. 253 Alexandra Road, #04-01, Singapore 159936
ⓒ**PIONEER CORPORATION 2008**

T-IZV FEB. 2008 Printed in Japan

SAFETY INFORMATION

This service manual is intended for qualified service technicians ; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.
Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING
This product contains lead in solder and certain electrical parts contain chemicals which are known to the state of California to cause cancer, birth defects or other reproductive harm.

Health & Safety Code Section 25249.6 - Proposition 65

NOTICE
(FOR CANADIAN MODEL ONLY)
Fuse symbols (fast operating fuse) and/or (slow operating fuse) on PCB indicate that replacement parts must be of identical designation.

REMARQUE
(POUR MODÈLE CANADIEN SEULEMENT)
Les symboles de fusible (fusible de type rapide) et/ou (fusible de type lent) sur CCI indiquent que les pièces de remplacement doivent avoir la même désignation.

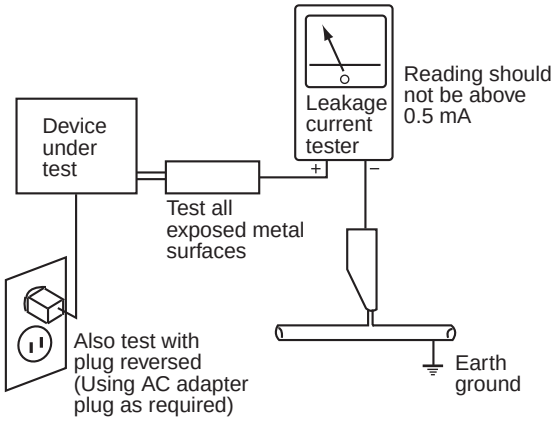
(FOR USA MODEL ONLY)

1. SAFETY PRECAUTIONS

The following check should be performed for the continued protection of the customer and service technician.

LEAKAGE CURRENT CHECK

Measure leakage current to a known earth ground (water pipe, conduit, etc.) by connecting a leakage current tester such as Simpson Model 229-2 or equivalent between the earth ground and all exposed metal parts of the appliance (input/output terminals, screwheads, metal overlays, control shaft, etc.). Plug the AC line cord of the appliance directly into a 120V AC 60 Hz outlet and turn the AC power switch on. Any current measured must not exceed 0.5 mA.



AC Leakage Test

ANY MEASUREMENTS NOT WITHIN THE LIMITS OUTLINED ABOVE ARE INDICATIVE OF A POTENTIAL SHOCK HAZARD AND MUST BE CORRECTED BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER.

2. PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in the appliance have special safety related characteristics. These are often not evident from visual inspection nor the protection afforded by them necessarily can be obtained by using replacement components rated for voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this Service Manual.

Electrical components having such features are identified by marking with a ⚠ on the schematics and on the parts list in this Service Manual.
The use of a substitute replacement component which does not have the same safety characteristics as the PIONEER recommended replacement one, shown in the parts list in this Service Manual, may create shock, fire, or other hazards.

Product Safety is continuously under review and new instructions are issued from time to time. For the latest information, always consult the current PIONEER Service Manual. A subscription to, or additional copies of, PIONEER Service Manual may be obtained at a nominal charge from PIONEER.

(FOR USA MODEL ONLY)

This product contains mercury. Disposal of this material may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronics Industries Alliance: www.eiae.org

The backlighting lamp of LCD in this equipment contains mercury. Disposal of this material may be regulated due to environmental considerations according to Local, State or Federal Laws. For disposal or recycling information, please contact your local authorities or the Electronics Industries Alliance: www.eiae.org

[Important Check Points for Good Servicing]

In this manual, procedures that must be performed during repairs are marked with the below symbol.
Please be sure to confirm and follow these procedures.

1. Product safety



Please conform to product regulations (such as safety and radiation regulations), and maintain a safe servicing environment by following the safety instructions described in this manual.

① Use specified parts for repair.

Use genuine parts. Be sure to use important parts for safety.

② Do not perform modifications without proper instructions.

Please follow the specified safety methods when modification(addition/change of parts) is required due to interferences such as radio/TV interference and foreign noise.

③ Make sure the soldering of repaired locations is properly performed.

When you solder while repairing, please be sure that there are no cold solder and other debris.
Soldering should be finished with the proper quantity. (Refer to the example)

④ Make sure the screws are tightly fastened.

Please be sure that all screws are fastened, and that there are no loose screws.

⑤ Make sure each connectors are correctly inserted.

Please be sure that all connectors are inserted, and that there are no imperfect insertion.

⑥ Make sure the wiring cables are set to their original state.

Please replace the wiring and cables to the original state after repairs.
In addition, be sure that there are no pinched wires, etc.

⑦ Make sure screws and soldering scraps do not remain inside the product.

Please check that neither solder debris nor screws remain inside the product.

⑧ There should be no semi-broken wires, scratches, melting, etc. on the coating of the power cord.

Damaged power cords may lead to fire accidents, so please be sure that there are no damages.
If you find a damaged power cord, please exchange it with a suitable one.

⑨ There should be no spark traces or similar marks on the power plug.

When spark traces or similar marks are found on the power supply plug, please check the connection and advise on secure connections and suitable usage. Please exchange the power cord if necessary.

⑩ Safe environment should be secured during servicing.

When you perform repairs, please pay attention to static electricity, furniture, household articles, etc. in order to prevent injuries.
Please pay attention to your surroundings and repair safely.

2. Adjustments



To keep the original performance of the products, optimum adjustments and confirmation of characteristics within specification.
Adjustments should be performed in accordance with the procedures/instructions described in this manual.

3. Lubricants, Glues, and Replacement parts



Use grease and adhesives that are equal to the specified substance.
Make sure the proper amount is applied.

4. Cleaning



For parts that require cleaning, such as optical pickups, tape deck heads, lenses and mirrors used in projection monitors, proper cleaning should be performed to restore their performances.

5. Shipping mode and Shipping screws



To protect products from damages or failures during transit, the shipping mode should be set or the shipping screws should be installed before shipment. Please be sure to follow this method especially if it is specified in this manual.

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1. SERVICE PRECAUTIONS

1.1 NOTES ON SOLDERING

- For environmental protection, lead-free solder is used on the printed circuit boards mounted in this unit.
  Be sure to use lead-free solder and a soldering iron that can meet specifications for use with lead-free solders for repairs accompanied by reworking of soldering.

- Compared with conventional eutectic solders, lead-free solders have higher melting points, by approximately 40 °C.
  Therefore, for lead-free soldering, the tip temperature of a soldering iron must be set to around 373 °C in general, although the temperature depends on the heat capacity of the PC board on which reworking is required and the weight of the tip of the soldering iron.

Do NOT use a soldering iron whose tip temperature cannot be controlled.

Compared with eutectic solders, lead-free solders have higher bond strengths but slower wetting times and higher melting temperatures (hard to melt/easy to harden).

The following lead-free solders are available as service parts:

- Parts numbers of lead-free solder:
  GYP1006 1.0 in dia.
  GYP1007 0.6 in dia.
  GYP1008 0.3 in dia.

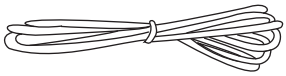
2. SPECIFICATIONS

2.1 ACCESSORIES

● Accessories



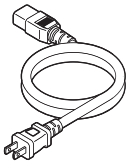
AM Loop Antenna
(ATB7013)



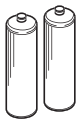
FM Wire Antenna
(ADH7030)



Setup Microphone (5 m)
(For Auto MCACC Setup)
(APM7007)



Power Cord
(ADG7061)



AA/IEC R6P Dry Cell
Batteries ×2



iPod Control Cable (30P)
(ADE7126)



Remote Control Unit
(AXD7466)



Wiping Cloth
(AED1285)

Warranty card

iPod Caution Card

Operating Instructions
(ARB7385)

2.2 SPECIFICATIONS

Amplifier section

Continuous average power output of 200 watts* per channel, min., at 8 ohms, from 20 Hz to 20 000 Hz with no more than 0.05 % total harmonic distortion (front).**

Multi channel simultaneous power output
(20 Hz to 20 kHz, 0.05 %, 8 Ω)
any 10 ch. . . . . 140 W (Total 1400 W)
Stereo power output
20 Hz to 20 kHz, 0.05 %, 8 Ω . . . . . 200 W + 200 W
20 Hz to 20 kHz, 0.05 %, 6 Ω . . . . . 270 W + 270 W
1 kHz, 0.05 %, 4 Ω . . . . . 400 W + 400 W

** Measured pursuant to the Federal Trade Commission's Trade Regulation rule on Power Output Claims for Amplifiers*
*** Measured by Audio Spectrum Analyzer*

Audio Section

Input (Sensitivity/Impedance)
PHONO MM . . . . . 5.0 mV/47 kΩ
LINE . . . . . .475 mV/47 kΩ
Frequency Response (LINE). . . . . .5 Hz to 100 000 Hz $^{+0}_{-3}$ dB
Output (Level/Impedance)
REC . . . . . 475 mV/2.2 kΩ
Signal-to-Noise Ratio (IHF, short circuited, A network)
LINE. . . . . .105 dB
Signal-to-Noise Ratio [EIA, at 1 W (1 kHz)]
LINE. . . . . .93 dB

Composite Video / S-Video Section

Input (Sensitivity/Impedance) . . . . . .1 Vp-p/75 Ω
Output (Level/Impedance) . . . . . .1 Vp-p/75 Ω
Signal-to-Noise Ratio . . . . . .65 dB
Frequency Response . . . . . .5 Hz to 10 MHz

Component Video Section

Input (Sensitivity/Impedance) . . . . . .1 Vp-p/75 Ω
Output (Level/Impedance) . . . . . .1 Vp-p/75 Ω
Signal-to-Noise Ratio . . . . . .65 dB
Frequency Response . . . . . .5 Hz to 100 MHz

Network Section

LAN terminal 10 BASE-T/100-BASE-TX

USB Section

USB terminal. . . . . USB2.0 compatible

FM Tuner Section

Frequency Range . . . . . 87.5 MHz to 108 MHz
Antenna Input . . . . . .75 Ω unbalanced

AM Tuner Section

Frequency Range . . . . . 530 kHz to 1700 kHz
Antenna . . . . . .Loop antenna

Miscellaneous

Power Requirements. . . . . .AC 120 V, 60 Hz
Power Consumption . . . . . .550 W, 850 VA
In standby . . . . . .0.55 W (HDMI Control OFF)
0.75 W (HDMI Control ON)
Dimensions . . . . . .440 (W) mm x 247 (H) mm x 479 (D) mm
(17 3/8 (W) in. x 9 3/4 (H) in. x 18 7/8 (D) in.)
Weight (without package). . . . . .35.5 kg (78.3 lb)

Furnished Parts

Setup microphone (for Auto MCACC setup). 1
AA/IEC R6P dry cell batteries 2
Remote control unit. 1
AM loop antenna 1
FM wire antenna 1
iPod control cable 1
Power cord 1
Wiping cloth. 1
Warranty card 1
These operating instructions

Note

- Specifications and the design are subject to possible modifications without notice, due to improvements.

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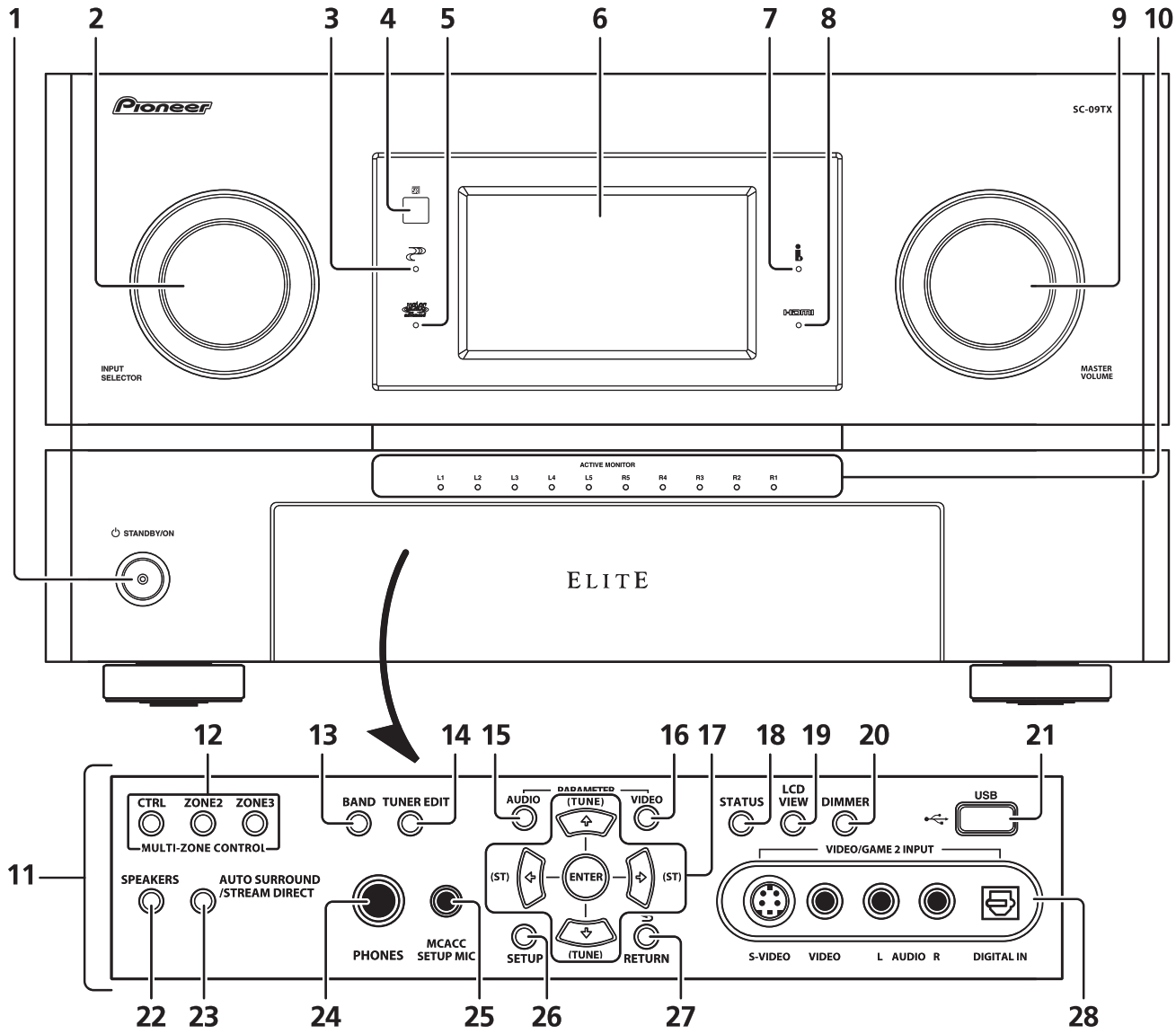
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2.3 PANEL FACILITIES

Front panel



1 ⏻ STANDBY/ON
Switches the receiver between on and standby. Power indicator lights when the receiver is on.

2 INPUT SELECTOR dial
Use to select an input source.

3 PHASE CONTROL indicator
Lights to indicate Phase Control or Full Band Phase Control is selected.

4 Remote sensor
Receives the signals from the remote control.

5 ADVANCED MCACC indicator
Lights when one of the MCACC presets is selected.

6 LCD display

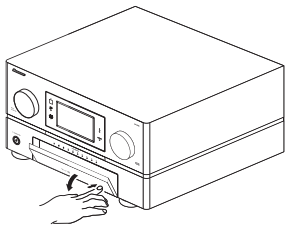
7 i.LINK indicator
Lights when an i.LINK-Audio-equipped component is selected.

8 HDMI indicator
Blinks when connecting an HDMI-equipped component; lights when the component is connected.

9 MASTER VOLUME dial

10 ACTIVE MONITOR indicator
The indicators of the speaker terminals compatible with sound output are lit.

11 Front panel controls
To access the front panel controls, push gently on the lower third portion of the panel with your finger.



12 MULTI-ZONE CONTROL
If you've made MULTI-ZONE connections use these controls to control the sub zone from the main zone.

13 BAND
Switches between AM and FM radio bands.

14 TUNER EDIT
Use with ⬅/➡ to memorize and name stations for recall.

15 AUDIO PARAMETER
Use to access the Audio options.

16 VIDEO PARAMETER
Use to access the Video options.

17 ⬆/⬇/⬅/➡ (TUNE/ST) /ENTER
Use the arrow buttons when setting up your surround sound system. Use the **TUNE** ⬆/⬇ buttons to find radio frequencies and use **ST** ⬅/➡ to find preset stations.

18 STATUS
Information on the currently selected and set functions, the input signal, etc., is displayed on the LCD.

19 LCD VIEW
The information shown on the LCD can be switched in three steps.

20 DIMMER
Dims or brightens the LCD display.

21 USB interface
Connect a USB audio device for playback.

22 SPEAKERS
Use to change the speaker system.

23 AUTO SURROUND/STREAM DIRECT
Press to select Auto Surround or Stream Direct listening.

24 PHONES jack
Use to connect headphones. When the headphones are connected, there is no sound output from the speakers.

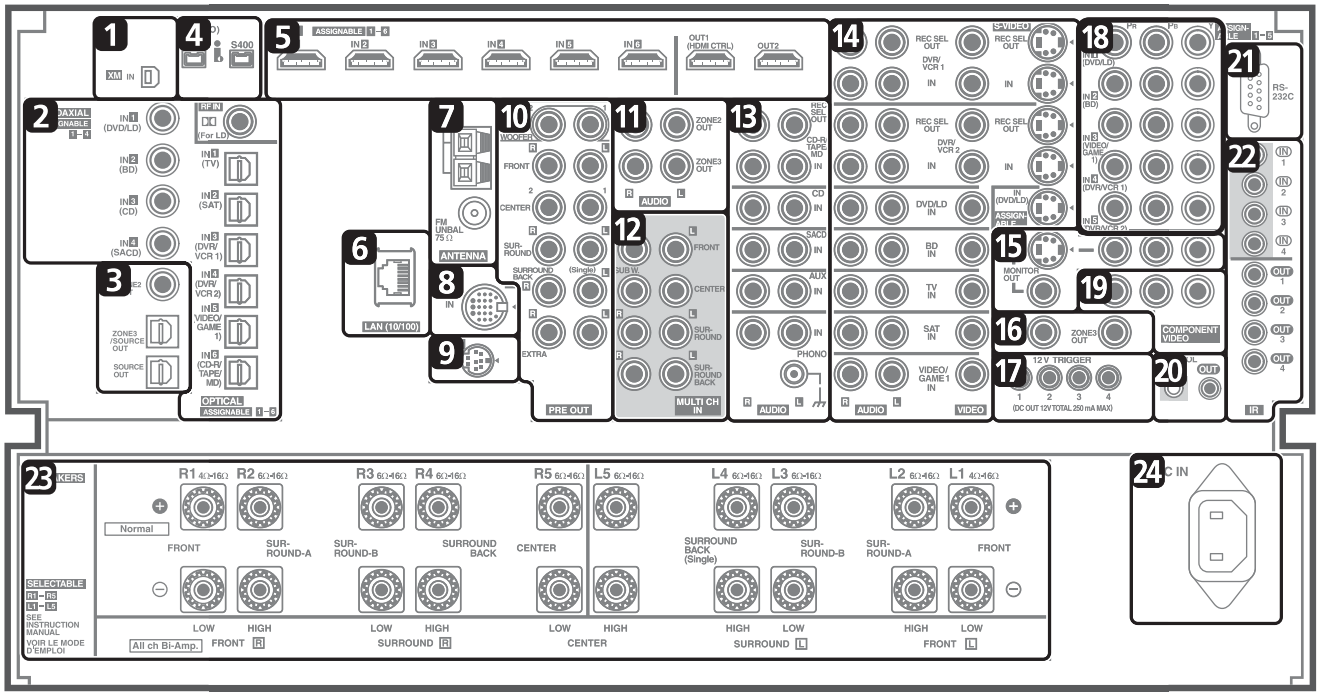
25 MCACC SETUP MIC jack
Use to connect the supplied microphone.

26 SETUP
Press to access the System Setup menu.

27 RETURN
Press to confirm and exit the current menu screen.

28 VIDEO/GAME 2 INPUT

Rear panel



Caution

- Before making or changing the connections, switch off the power and disconnect the power cord from the power outlet. Plugging in should be the final step.

1 XM Radio input

2 Optical and coaxial digital audio inputs (x10)
Use for digital audio sources, including DVD players/ recorders, digital satellite receivers, CD players, etc. There's also an **RF IN** jack for connection to an LD player with a **RF** output.

3 Optical and coaxial digital audio outputs (x3)
Use for recording to a CD or MiniDisc recorder.
The **OUT1** jack is also used for MULTI-ZONE connections.

4 S-400 i.LINK connectors (x2)
Use to connect other i.LINK audio devices for high-resolution, multichannel digital audio input/output.

5 HDMI connectors (x8)
Multiple inputs and two outputs for high-quality audio/ video connection to compatible HDMI devices.

6 LAN (10/100) terminal

7 AM and FM antenna terminals
Use to connect indoor or outdoor antennas for radio broadcasts.

8 iPod input terminal
Use to connect your Apple iPod as an audio or video source.

9 SIRIUS Radio input

10 Multichannel pre-amplifier outputs
Use to connect separate amplifiers for front, center, surround, surround back and subwoofer channels.

11 MULTI-ZONE audio outputs
Use to connect a second or third amplifier in a separate room.

12 Multichannel analog audio inputs
7.1 channel inputs for connection to a DVD player with multichannel analog outputs.

13 Stereo analog audio source inputs/(outputs) (x5)
Use for connection to audio sources such as CD players, tape decks, turntables, etc.

14 Audio/video source inputs/(outputs) (x7)
Use for connection to audio/visual sources, such as DVD players/recorders, VCRs, etc. Each set of inputs has jacks for composite video, S-Video and stereo analog audio.

15 Composite, S-Video and Component monitor outputs
Use to connect monitors and TVs.

16 MULTI-ZONE video outputs
Use to connect monitors or TVs in a separate room.

17 12 V trigger jacks *(total 50 mA max.)* **(x4)**
Use to switch components in your system on and off according to the input function of the receiver.

18 Component video inputs (x5)
Use the inputs to connect any video source that has component video output, such as a DVD recorder.

19 MULTI-ZONE component video output
Use to connect monitors or TVs in a separate room.

20 Control input/output
Use to connect other Pioneer components so that you can control all your equipment from a single IR remote sensor.

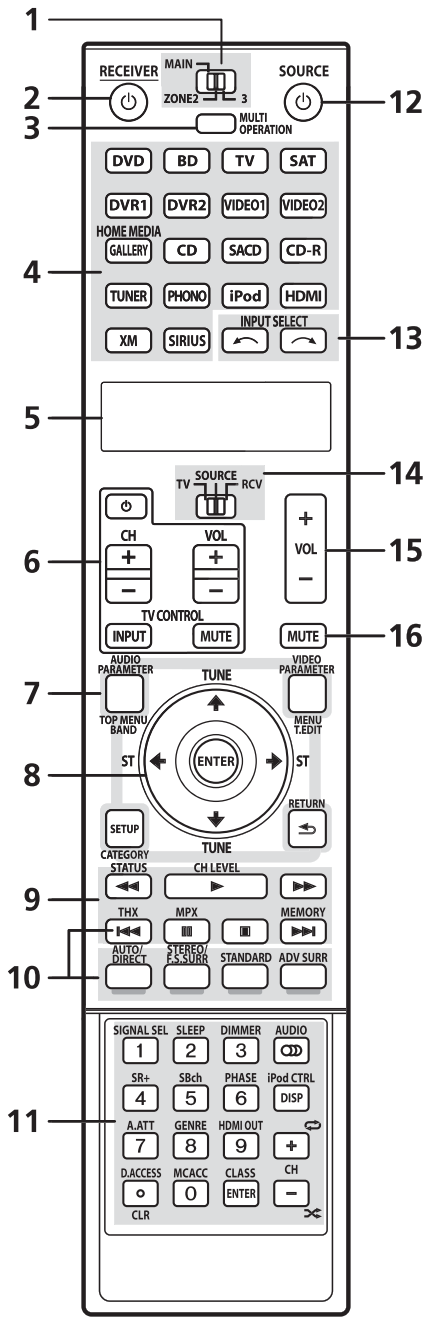
21 RS-232C connector
Use for connection to a PC for graphical output when using Advanced MCACC or Full Band Phase Control.

22 Remote inputs (MULTI-ZONE and source)
Use for connection to an external remote control sensor for use in a MULTI-ZONE setup, for example.

23 Speaker terminals
Use for connection to the main front, center, surround and surround back speakers.

24 AC power inlet
Connect the supplied power cord here.

Remote control



The remote has been conveniently color-coded according to component control using the following system:

- **White** – Receiver control, TV Control
- **Blue** – Other controls

1 MULTI-ZONE operation selector switch
Switch to perform operations in the main zone, zone 2 and zone 3.

2 RECEIVER⏻
This switches between standby and on for this receiver.

3 MULTI OPERATION
Use this button to perform multi operations.

4 Input source buttons
Press to select control of other components.

5 Character display (LCD)
This display shows information when transmitting control signals.

The following commands are shown when you're setting the remote to control other components.

SETUP – Indicates the setup mode, from which you choose the options below.

PRESET –

LEARNING –

MULTI OP –

SYS OFF –

DIRECT F –

RENAME –

ERASE –

RESET –

READ ID –

6 TV CONTROL buttons
These buttons are dedicated to control the TV assigned to the **TV** button. Thus if you only have one TV to hook up to this system assign it to the **TV** input source button.

TV⏻ – Use to turn on/off the power of the TV.

TV VOL +/– – Use to adjust the volume on your TV.

INPUT – Use to select the TV input signal.

TV CH +/– – Use to select channels.

MUTE – Use to mute the sound or cancel the mute mode.

7 Tuner/component control buttons/SETUP
These button controls can be accessed after you have selected the corresponding input source button (**DVD**, **DVR 1**, **TV**, etc.).
Set the operation selector switch to **RCV** to access the following controls:

AUDIO PARAMETER – Use to access the Audio options.

VIDEO PARAMETER – Use to access the Video options.

SETUP – Use to access the System Setup menu.

RETURN – Press to confirm and exit the current menu screen (also use to return to the previous menu with DVDs or to select closed captioning with DTV).

8 ↑/↓/←/→ (TUNE/ST) /ENTER

Use the arrow buttons when setting up your surround sound system and the Audio or Video options. Also used to control DVD menus/options and for deck 1 of a double cassette deck player. Use the **TUNE** ↑/↓ buttons to find radio frequencies and use **ST** ←/→ to find preset stations.

9 Component control buttons

The main buttons (►, ■, etc.) are used to control a component after you have selected it using the input source buttons.

The controls above these buttons can be accessed after you have selected the corresponding input source button (for example **DVD**, **DVR 1** or **TV**). The following controls can be accessed when listening to the built-in tuner:

MPX – Switches between stereo and mono reception of FM broadcasts. If the signal is weak, then switching to mono will improve the sound quality. NOISE CUT MODE 1 to 4 can be selected when receiving AM broadcasts.

STATUS – Set the operation selector switch to **RCV**, then press to check selected receiver settings.

CH LEVEL – Set the remote control operation switch to **RCV**, then press repeatedly to select a channel, then use ←/→ to adjust the level.

10 Receiver controls

STEREO/F.S.SURR – Switches between the stereo playback mode and the Front Stage Surround Advance mode.

AUTO/DIRECT – Press to select Auto Surround or Stream Direct listening.

THX – Press to select a Home THX listening mode.

STANDARD – Press for Standard decoding and to switch between the various DD Pro Logic IIx and Neo:6 options.

ADV SURR – Use to switch between the various surround modes.

11 Number buttons and other receiver/component controls

Use the number buttons to directly select a radio frequency or the tracks on a CD, DVD, etc.

ENTER can be used to enter commands for TV or DTV. After set the remote control operation switch to **RCV**:

SIGNAL SEL – Use to select an input signal.

SLEEP – Use to put the receiver in sleep mode and select the amount of time before sleep.

DIMMER – Dims or brightens the display.

SR+ – Switches the SR+ mode on/off.

SBch – Use to select the surround/virtual back channel mode.

PHASE – Press to switch on/off Phase Control or Full Band Phase Control.

A.ATT – Attenuates (lowers) the level of an analog input signal to prevent distortion.

GENRE – Automatically selects the most appropriate Advanced Surround mode for the genre of the source currently being played back (this feature is available only when a Pioneer DVD recorder supporting HDMI Control is connected to this receiver via HDMI).

HDMI OUT – Switch the HDMI output terminal.

MCACC – Press to switch between MCACC presets.

Press **TUNER** first to access:

D.ACCESS – After pressing, you can access a radio station directly using the number buttons.

CLASS – Switches between the three banks (classes) of radio station presets.

12 SOURCE⏻

Press to turn on/off other components connected to the receiver.

13 INPUT SELECT

Use to select the input source.

14 Remote control operation selector switch

Set to **RCV** to operate the receiver, **TV** or **SOURCE** to operate the TV or the source device.

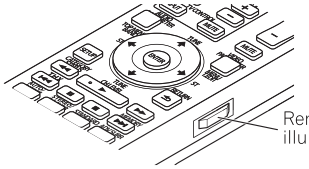
When this switch is set to **RCV**, receiver can be controlled (used to select the green commands above the number buttons (**A.ATT**, etc.). Also use this switch to set up surround sound.

15 VOL +/–

Use to set the listening volume.

16 MUTE

Mutes the sound or restores the sound if it has been muted (adjusting the volume also restores the sound).



When the remote control's illumination button is pressed, the illumination of some of the buttons and the remote control's LCD light. When pressed again, the illumination turns off. The illumination also lights when the remote control operation mode selector is switched.

This function offers convenience when operating in dark rooms.

3. BASIC ITEMS FOR SERVICE

3.1 CHECK POINTS AFTER SERVICING

To keep the product quality after servicing, confirm recommended check points shown below.

No.	Procedures	Item to be checked
1	Confirm whether the customer complain has been solved. If the customer complain occurs with the particular source, such as Dolby Digital, DTS, AAC, DVD-A and HDMI, input it for the operation check.	The customer complain must not be reappeared. Video, Audio and operations must be normal.
2	Check the analog audio playback. (Make the analog connections with a DVD player.)	Each channel audio and operations must be normal.
3	Check the digital audio playback. (Make the digital connections with a DVD player.)	Each channel audio and operations must be normal.
4	Check surround playback. (Select Surround mode and check the multichannel operations via the DSP circuit.)	Each channel audio and operations must be normal.
5	Check the video outputs. (Connect with a DVD player.)	Video and operations must be normal.
6	Check the sound from headphone output.	Sound must be normal, without noise.
7	Check the appearance of the product.	No scratches or dirt on its appearance after receiving it for service.

See the table below for the items to be checked regarding video and audio:

Items to be checked regarding video	Item to be checked regarding audio
Block noise	Distortion
Horizontal noise	Noise
Dot noise	Volume too low
Disturbed image (video jumpiness)	Volume too high
Too dark	Volume fluctuating
Too bright	Sound interrupted
Mottled color	

● **Cleaning the Fan**

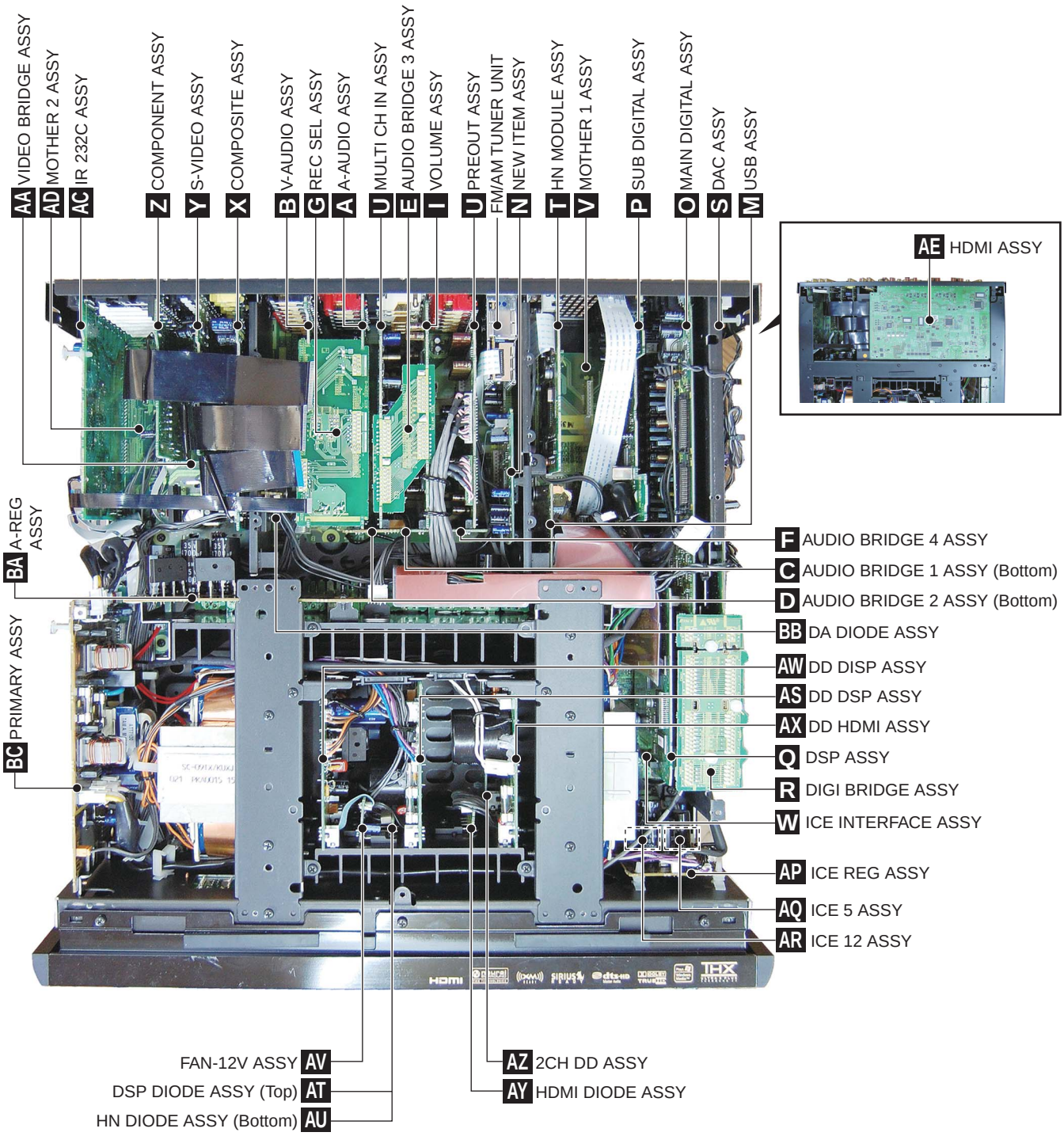


Before shipment, be sure to clean the fan, using the following cleaning materials:

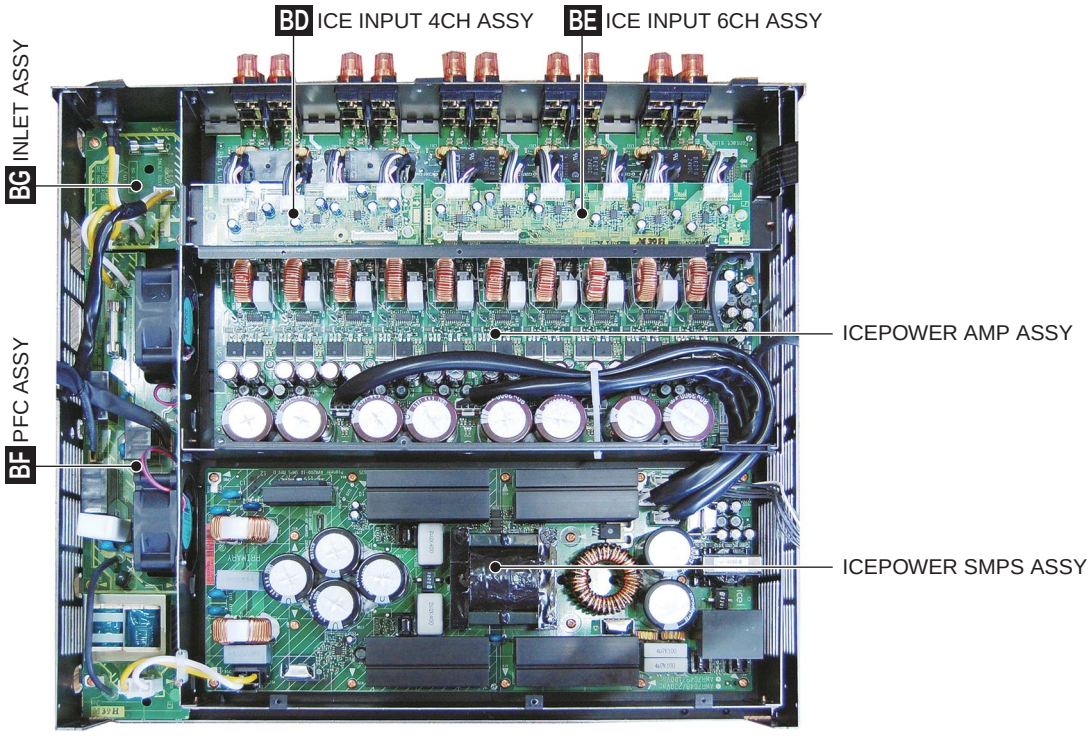
Cleaning paper : GED-008

3.2 PCB LOCATION

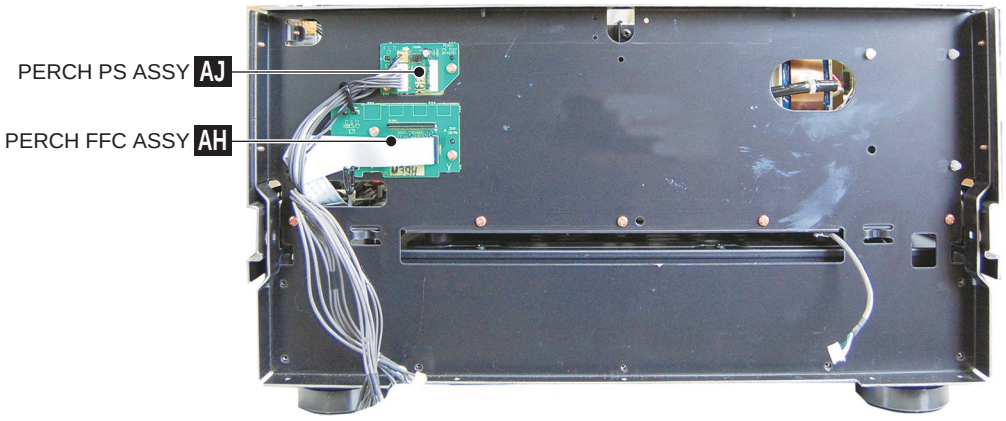
Main Chassis Section

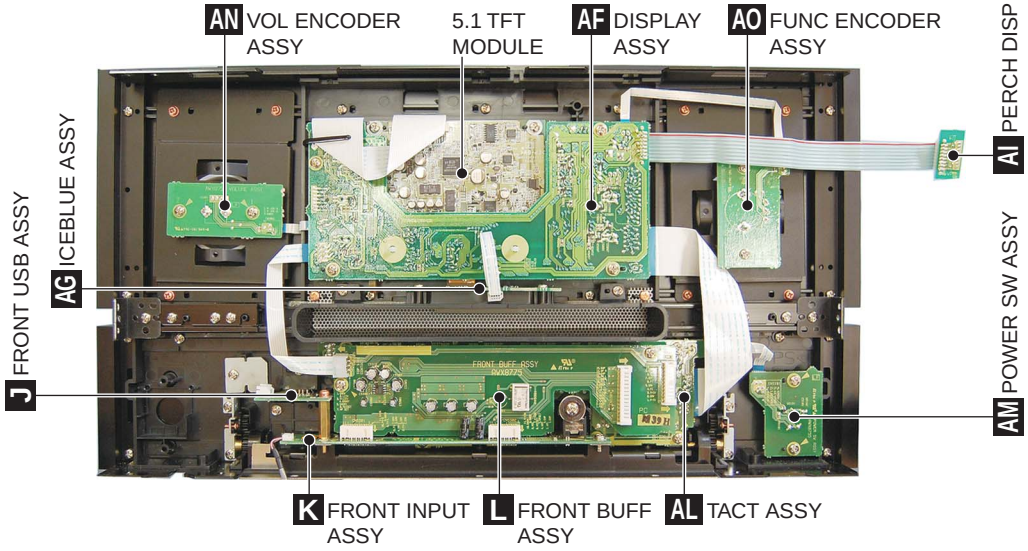


Power Amplifier Section



Front Section





NOTES: ● *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
● *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*

LIST OF ASSEMBLIES

Mark	No.	Description	Part No.
	1..	MAIN DIGITAL ASSY	AWK7949
	2..	MAIN DIGITAL ASSY	AWX8721
	2..	DAC ASSY	AWX8723
	1..	VIDEO COMPLEX ASSY	AWK7951
	2..	S-VIDEO ASSY	AWX8725
	2..	COMPONENT ASSY	AWX8726
	2..	TACT ASSY	AWX8730
	2..	INLET ASSY	AWX8731
	2..	VIDEO BRIDGE ASSY	AWX8743
	2..	AUDIO BRIDGE 1 ASSY	AWX8764
	2..	PFC ASSY	AWX8735
	1..	VOLUME & PREOUT ASSY	AWK7956
	2..	VOLUME ASSY	AWX8737
	2..	PREOUT ASSY	AWX8738
	2..	MULTI CH IN ASSY	AWX8739
	2..	REC SEL ASSY	AWX8740
	2..	POWER SW ASSY	AWX8755
	2..	AUDIO BRIDGE 3 ASSY	AWX8767
	1..	AUDIO INPUT ASSY	AWK7958
	2..	V-AUDIO ASSY	AWX8744
	2..	A-AUDIO ASSY	AWX8745
	2..	IR 232C ASSY	AWX8746
	2..	SUB DIGITAL ASSY	AWX8747
	1..	COMPLEX 1 ASSY	AWK7959
	2..	NEW ITEM ASSY	AWX8741
	2..	DD DSP ASSY	AWX8748
	2..	DD HDMI ASSY	AWX8750
	2..	AUDIO BRIDGE 4 ASSY	AWX8766
	2..	FRONT INPUT ASSY	AWX8774
	2..	FRONT USB ASSY	AWX8781
	2..	DD DISP ASSY	AWX8784
	2..	ICE INPUT 4CH ASSY	AWX8946
	2..	DSP DIODE ASSY	AWX8956
	2..	HDMI DIODE ASSY	AWX8957
	2..	HN DIODE ASSY	AWX8958
	2..	FAN-12V ASSY	AWX8959
	1..	COMPLEX 2 ASSY	AWK7960
	2..	ICE REG ASSY	AWX8751
	2..	FUNC ENCODER ASSY	AWX8753
	2..	VOL ENCODER ASSY	AWX8754
	2..	PRIMARY ASSY	AWX8756
	2..	A-REG ASSY	AWX8761
	2..	AUDIO BRIDGE 2 ASSY	AWX8765
	2..	DA DIODE ASSY	AWX8965
	2..	ICE 5 ASSY	AWX8968
	2..	ICE 12 ASSY	AWX8969

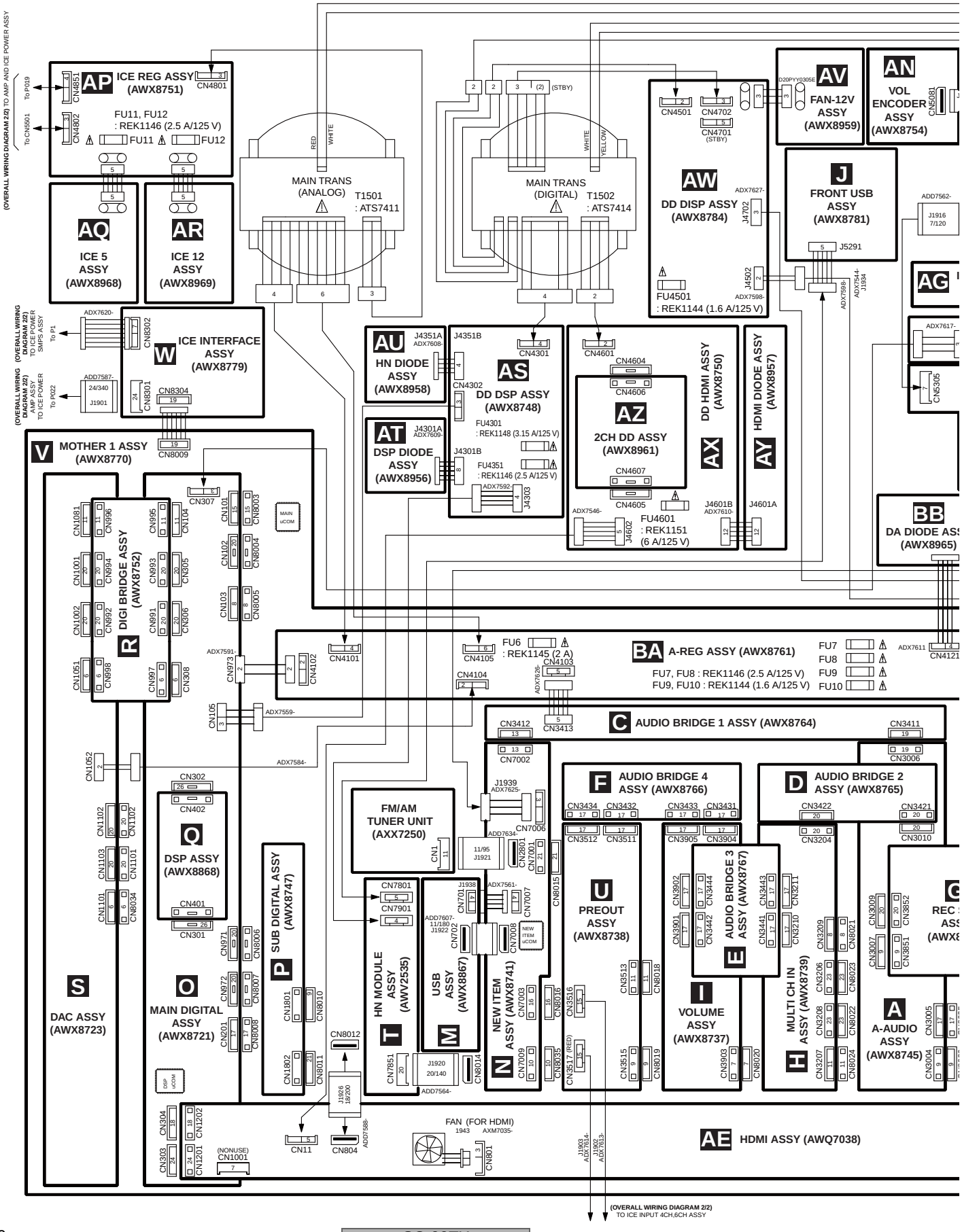
Mark	No.	Description	Part No.
	1..	MOTHER 1 ASSY	AWK7965
	2..	DIGI BRIDGE ASSY	AWX8752
	2..	MOTHER 1 ASSY	AWX8770
	2..	FRONT BUFF ASSY	AWX8775
	2..	ICE INPUT 6CH ASSY	AWX8945
	1..	MOTHER 2 ASSY	AWK7969
	2..	MOTHER 2 ASSY	AWX8776
	2..	DISPLAY ASSY	AWX8777
	2..	COMPOSITE ASSY	AWX8778
	2..	ICE INTERFACE ASSY	AWX8779
	2..	ICEBLUE ASSY	AWX8780
	2..	PERCH FFC ASSY	AWX8782
	2..	PERCH DISP ASSY	AWX8783
	2..	PERCH PS ASSY	AWX8785
	1..	HDMI ASSY	AWQ7038
	1..	HN MODULE ASSY	AWV2535
	1..	USB ASSY	AWX8867
	1..	DSP ASSY	AWX8868
	1..	2CH DD ASSY	AWX8961
⚠	1..	ICEPOWER AMP ASSY	AWH7010
⚠	1..	ICEPOWER SMPS ASSY	AWR7048
	1..	5.1 TFT MODULE	AWV7006
	1..	FM/AM TUNER UNIT	AXX7250

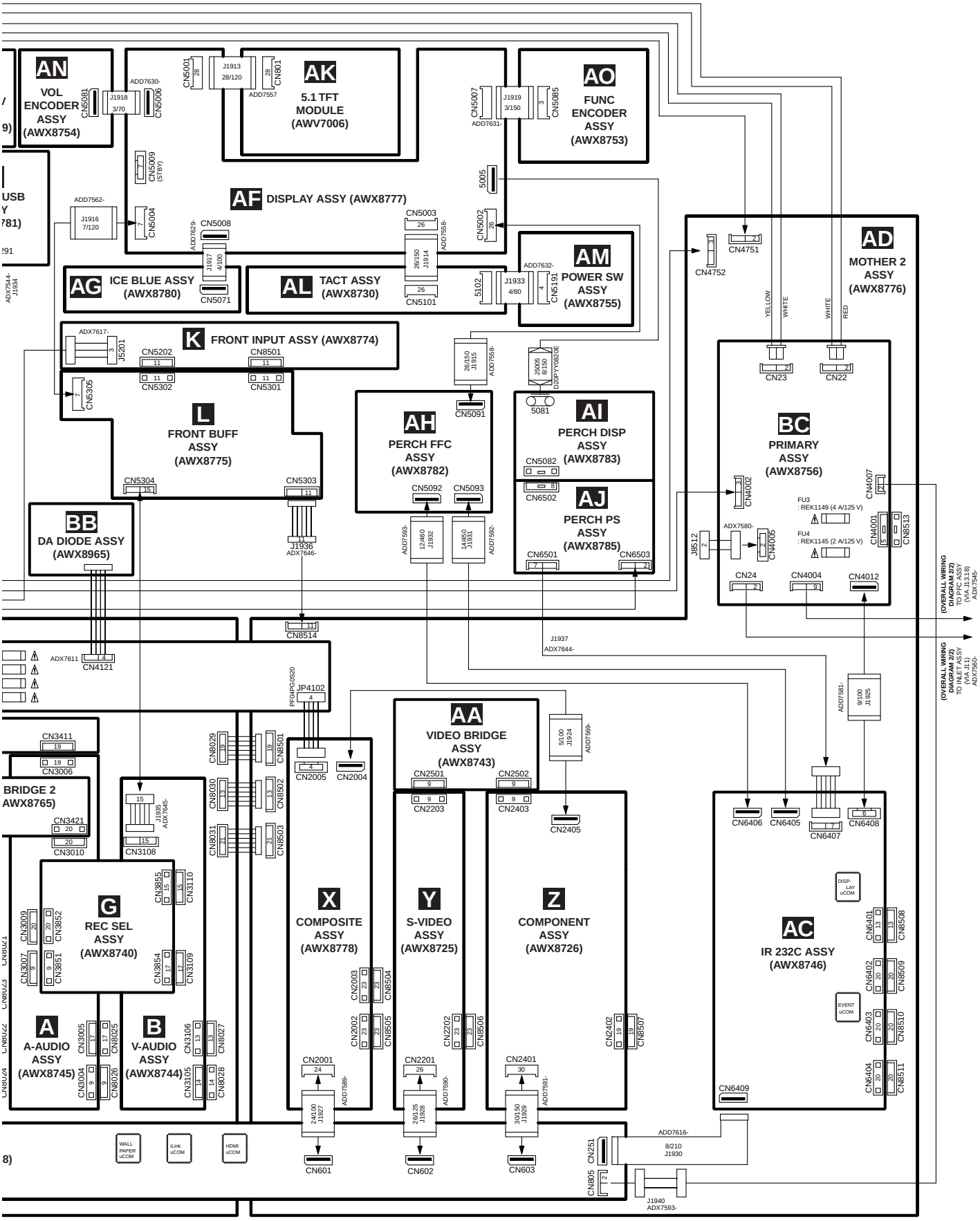
3.3 JIGS LIST

Name	Jig No.	Remarks
2P Extension cable for HDMI	GGD1545	These are used for a diagnosis of HDMI Assy and product inside.
5P Extension cable for HDMI	GGD1546	
18P Extension cable for HDMI	GGD1547	
15P Extension cable	GGD1548	These are used for a diagnosis of Power amplifier Section and product inside.
9P Extension cable	GGD1549	
2P Extension cable	GGD1550	
24P FFC	GGD1551	
7P Extension cable	GGD1552	
4P + 3P Extension cable	GGD1553	
12P + 3P Extension cable	GGD1554	

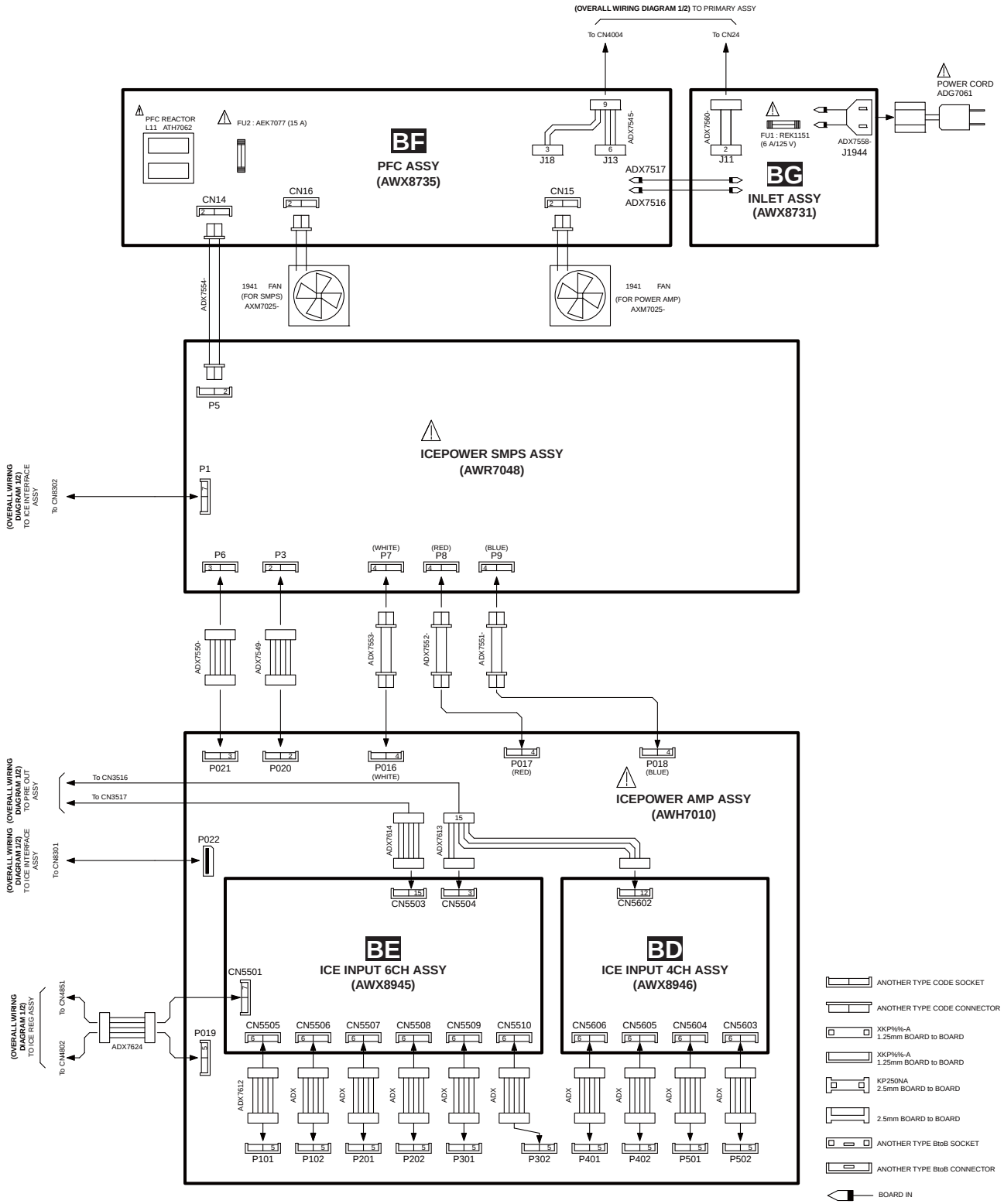
4. BLOCK DIAGRAM

4.1 OVERALL WIRING DIAGRAM (1/2)




AN
VOL ENCODER ASSY (AWX8754)
AK
5.1 TFT MODULE (AWV7006)
AO
FUNC ENCODER ASSY (AWX8753)
AF
DISPLAY ASSY (AWX8777)
AG
ICE BLUE ASSY (AWX8780)
AL
TACT ASSY (AWX8730)
AM
POWER SW ASSY (AWX8755)
AD
MOTHER 2 ASSY (AWX8776)
K
FRONT INPUT ASSY (AWX8774)
L
FRONT BUFF ASSY (AWX8775)
AH
PERCH FFC ASSY (AWX8782)
AI
PERCH DISP ASSY (AWX8783)
AJ
PERCH PS ASSY (AWX8785)
BC
PRIMARY ASSY (AWX8756)
BB
DA DIODE ASSY (AWX8965)
AA
VIDEO BRIDGE ASSY (AWX8743)
G
REC SEL ASSY (AWX8740)
X
COMPOSITE ASSY (AWX8778)
Y
S-VIDEO ASSY (AWX8725)
Z
COMPONENT ASSY (AWX8726)
AC
IR 232C ASSY (AWX8746)
A
A-AUDIO ASSY (AWX8745)
B
V-AUDIO ASSY (AWX8744)
BRIDGE 2 (AWX8765)
FU3 : REK1149 (4 A/125 V)
FU4 : REK1145 (2 A/125 V)
(OVERALL WIRING DIAGRAM 2/2)
(OVERALL WIRING DIAGRAM 2/2)

4.2 OVERALL WIRING DIAGRAM (2/2)



• NOTE FOR FUSE REPLACEMENT

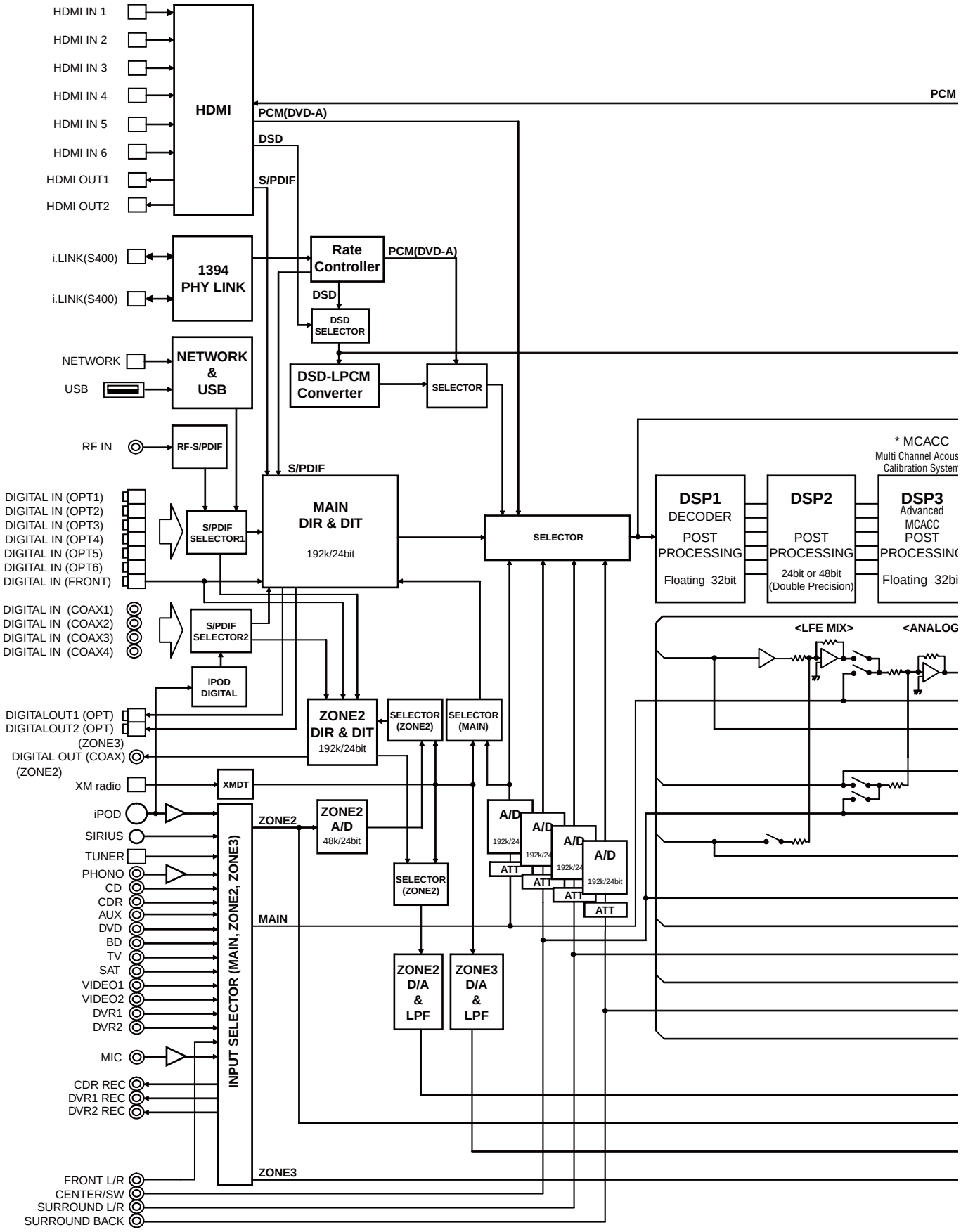
CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE. REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

- When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB PARTS LIST".
- The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

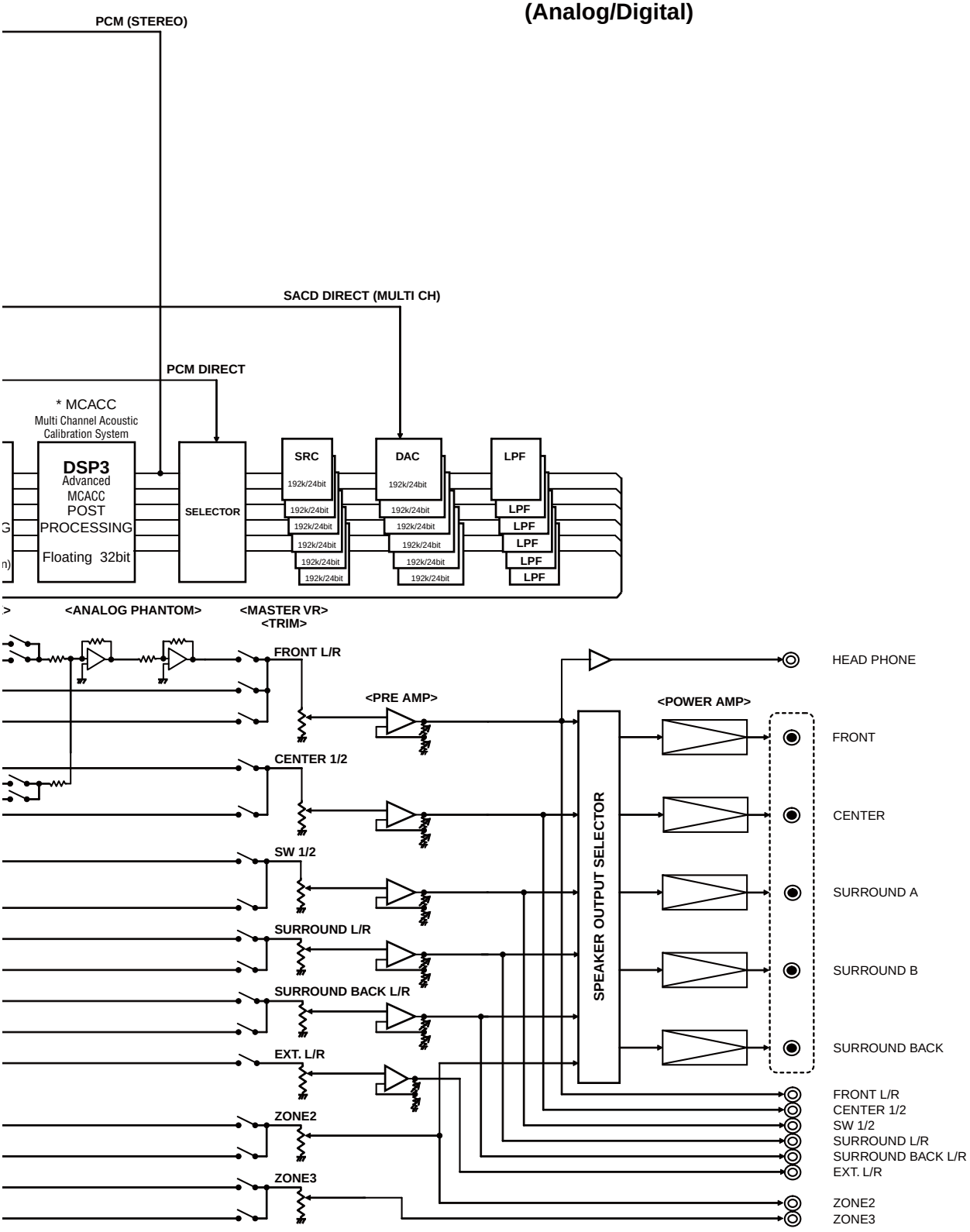
4.3 REFERENCE MARK LIST

Ref. Mark	Assy Name	Ref. Mark	Assy Name	Ref. Mark	Assy Name
A	A-AUDIO ASSY	AA	VIDEO BRIDGE ASSY	BA	A-REG ASSY
B	V-AUDIO ASSY			BB	DA DIODE ASSY
C	AUDIO BRIDGE 1 ASSY	AC	IR 232C ASSY	BC	PRIMARY ASSY
D	AUDIO BRIDGE 2 ASSY	AD	MOTHER 2 ASSY	BD	ICE INPUT 4CH ASSY
E	AUDIO BRIDGE 3 ASSY	AE	HDMI ASSY	BE	ICE INPUT 6CH ASSY
F	AUDIO BRIDGE 4 ASSY	AF	DISPLAY ASSY	BF	PFC ASSY
G	REC SEL ASSY	AG	ICEBLUE ASSY	BG	INLET ASSY
H	MULTI CH IN ASSY	AH	PERCH FFC ASSY		ICEPOWER AMP ASSY
I	VOLUME ASSY	AI	PERCH DISP ASSY		ICEPOWER SMPS ASSY
J	FRONT USB ASSY	AJ	PERCH PS ASSY		FM/AM TUNER UNIT
K	FRONT INPUT ASSY	AK	5.1 TFT MODULE		
L	FRONT BUFF ASSY	AL	TACT ASSY		
M	USB ASSY	AM	POWER SW ASSY		
N	NEW ITEM ASSY	AN	VOL ENCODER ASSY		
O	MAIN DIGITAL ASSY	AO	FUNC ENCODER ASSY		
P	SUB DIGITAL ASSY	AP	ICE REG ASSY		
Q	DSP ASSY	AQ	ICE 5 ASSY		
R	DIGI BRIDGE ASSY	AR	ICE 12 ASSY		
S	DAC ASSY	AS	DD DSP ASSY		
T	HN MODULE ASSY	AT	DSP DIODE ASSY		
U	PREOUT ASSY	AU	HN DIODE ASSY		
V	MOTHER 1 ASSY	AV	FAN-12V ASSY		
W	ICE INTERFACE ASSY	AW	DD DISP ASSY		
X	COMPOSITE ASSY	AX	DD HDMI ASSY		
Y	S-VIDEO ASSY	AY	HDMI DIODE ASSY		
Z	COMPONENT ASSY	AZ	2CH DD ASSY		

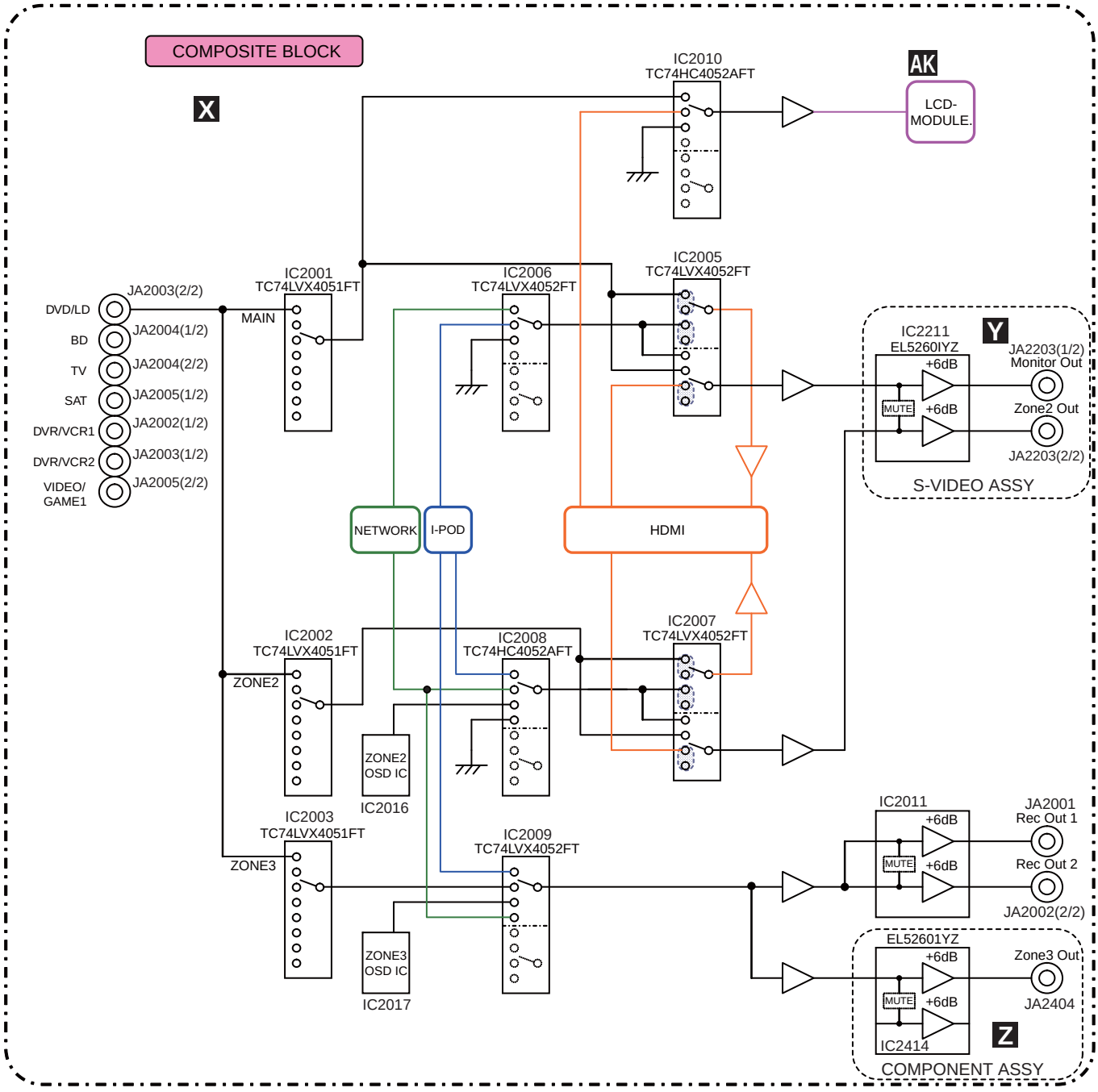
4.4 AUDIO BLOCK

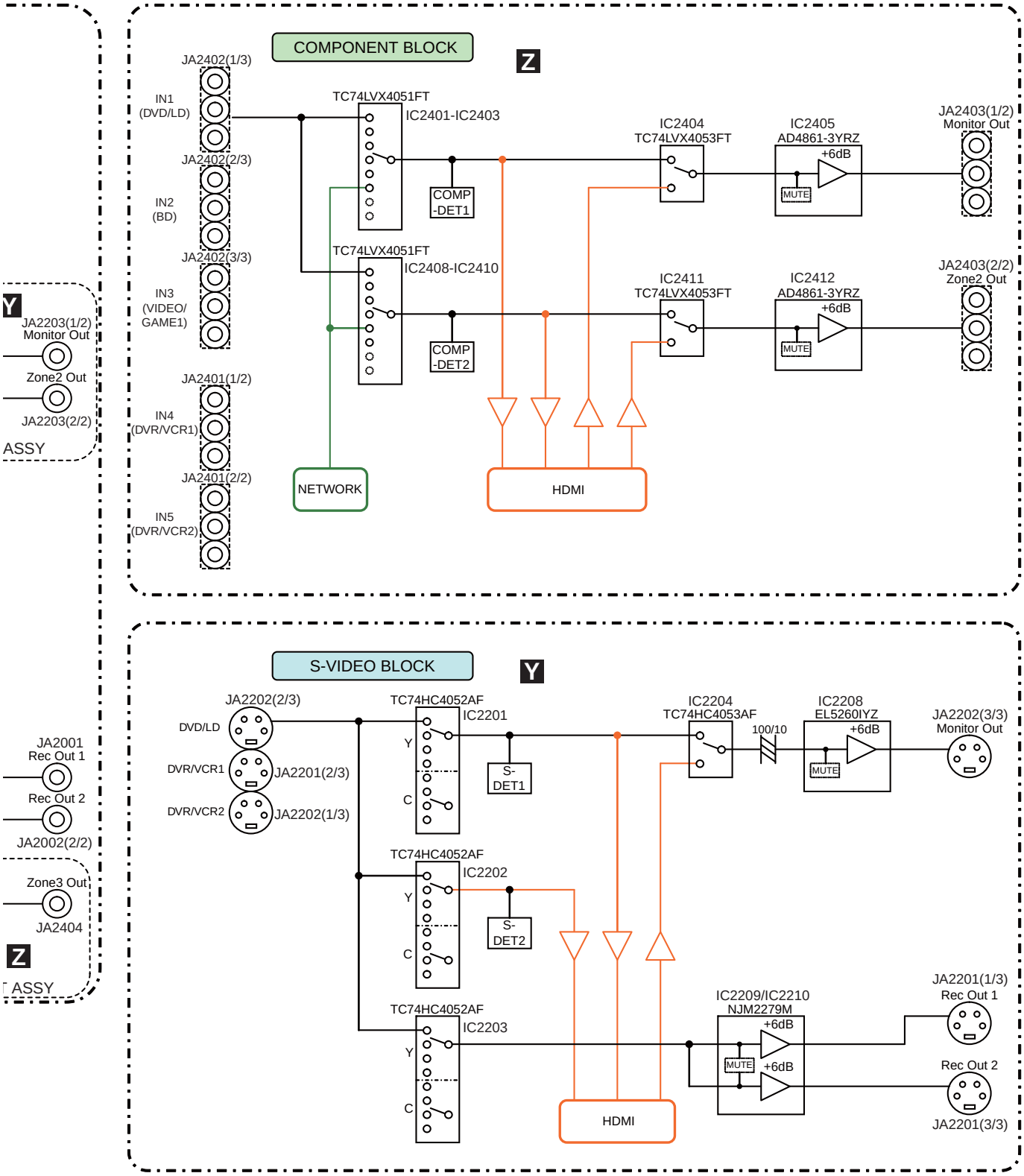


AUDIO BLOCK DIAGRAM
(Analog/Digital)

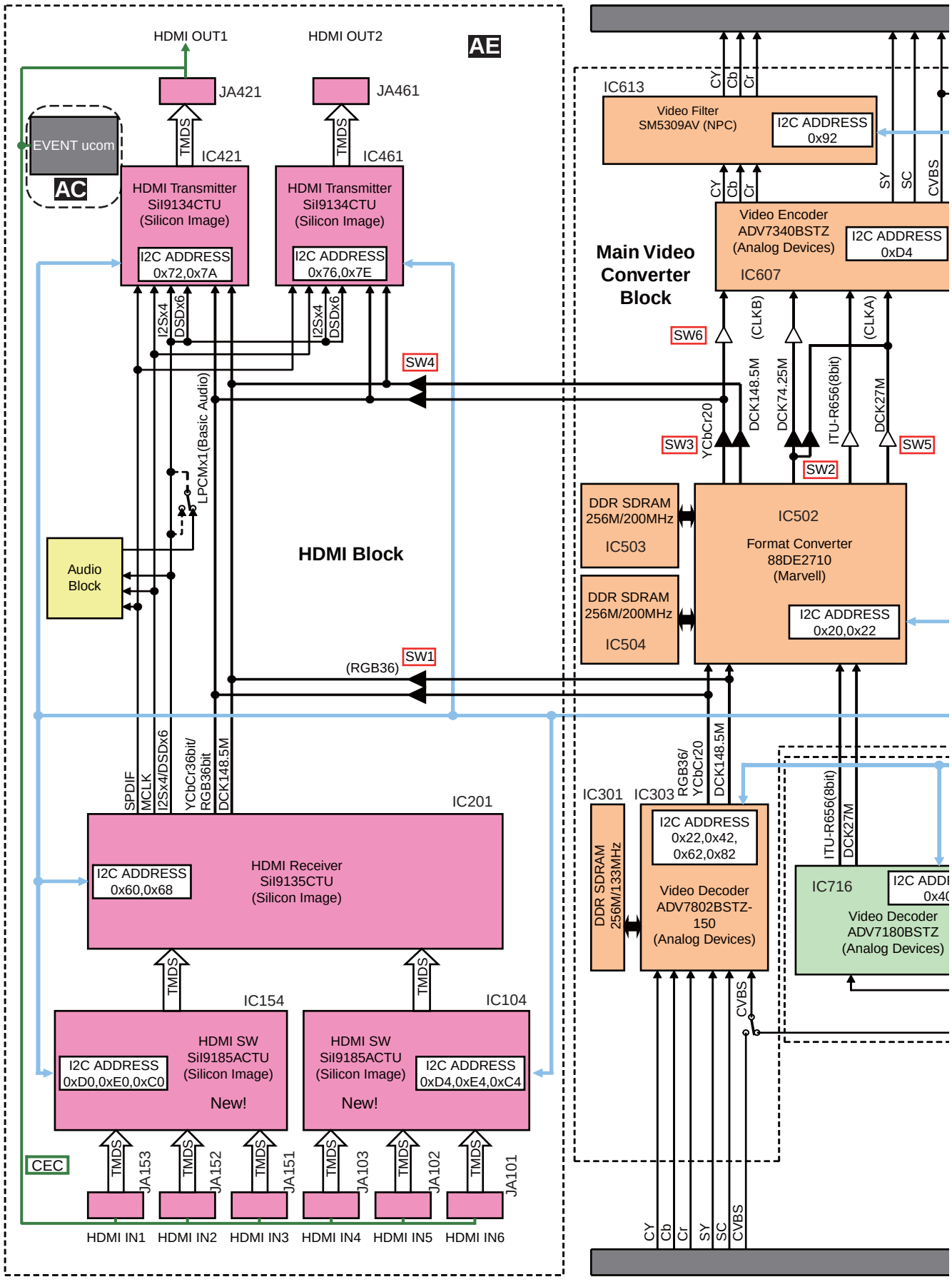


4.5 ANALOG VIDEO BLOCK



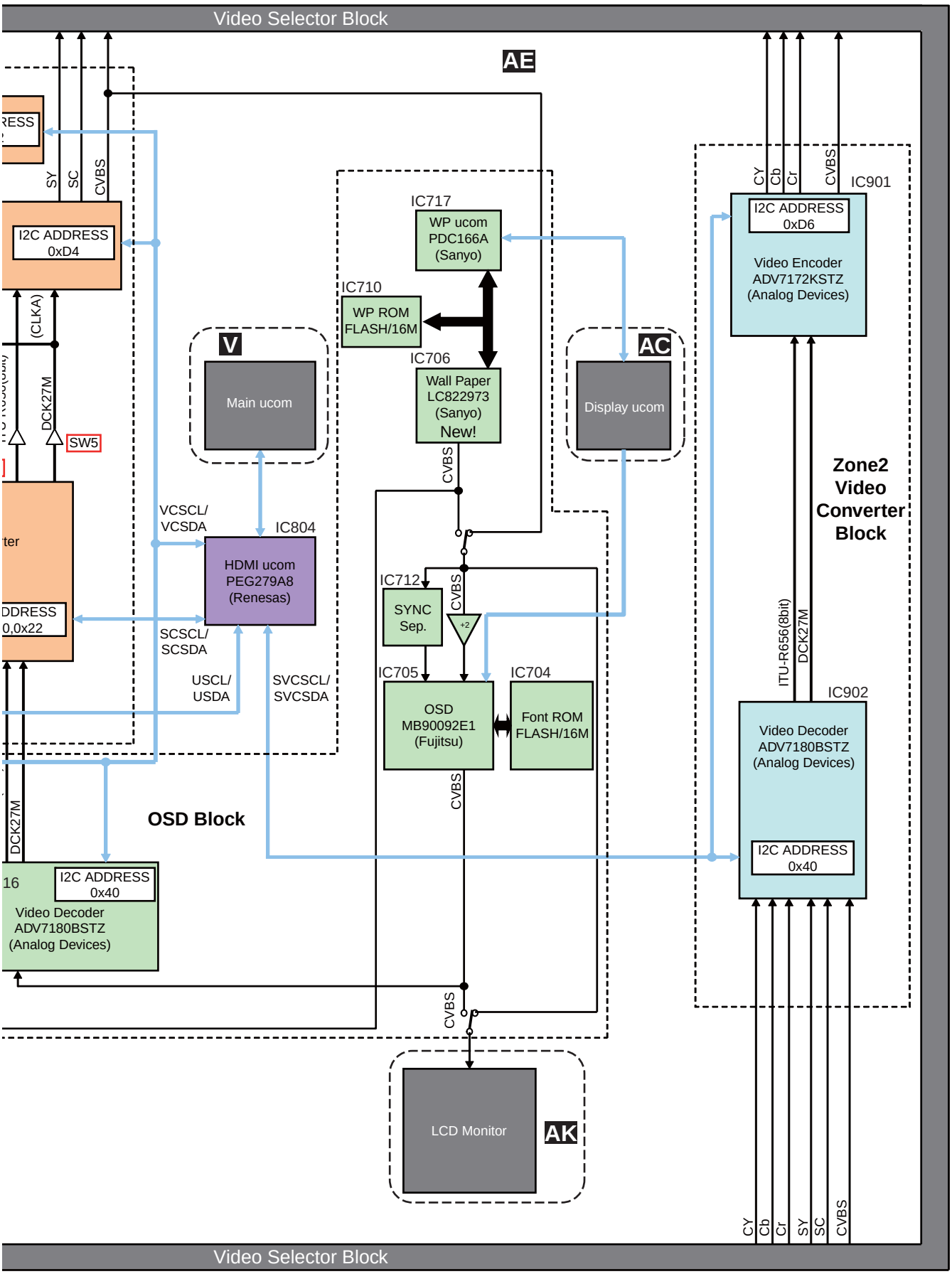

COMPONENT BLOCK
Z
JA2402(1/3)
IN1
(DVD/LD)
JA2402(2/3)
IN2
(BD)
JA2402(3/3)
IN3
(VIDEO/
GAME1)
JA2401(1/2)
IN4
(DVR/VCR1)
JA2401(2/2)
IN5
(DVR/VCR2)
TC74LVX4051FT
IC2401-IC2403
TC74LVX4051FT
IC2408-IC2410
COMP
-DET1
COMP
-DET2
NETWORK
HDMI
IC2404
TC74LVX4053FT
IC2411
TC74LVX4053FT
IC2405
AD4861-3YRZ
IC2412
AD4861-3YRZ
+6dB
MUTE
JA2403(1/2)
Monitor Out
JA2403(2/2)
Zone2 Out
Y
JA2203(1/2)
Monitor Out
Zone2 Out
JA2203(2/2)
ASSY
S-VIDEO BLOCK
Y
JA2202(2/3)
DVD/LD
DVR/VCR1
JA2201(2/3)
DVR/VCR2
JA2202(1/3)
TC74HC4052AF
IC2201
TC74HC4052AF
IC2202
TC74HC4052AF
IC2203
Y
C
S-
DET1
S-
DET2
IC2204
TC74HC4053AF
100/10
IC2208
EL5260IYZ
+6dB
MUTE
JA2202(3/3)
Monitor Out
IC2209/IC2210
NJM2279M
+6dB
MUTE
+6dB
JA2201(1/3)
Rec Out 1
Rec Out 2
JA2201(3/3)
HDMI
JA2001
Rec Out 1
Rec Out 2
JA2002(2/2)
Zone3 Out
JA2404
Z
ASSY

4.6 HDMI VIDEO BLOCK

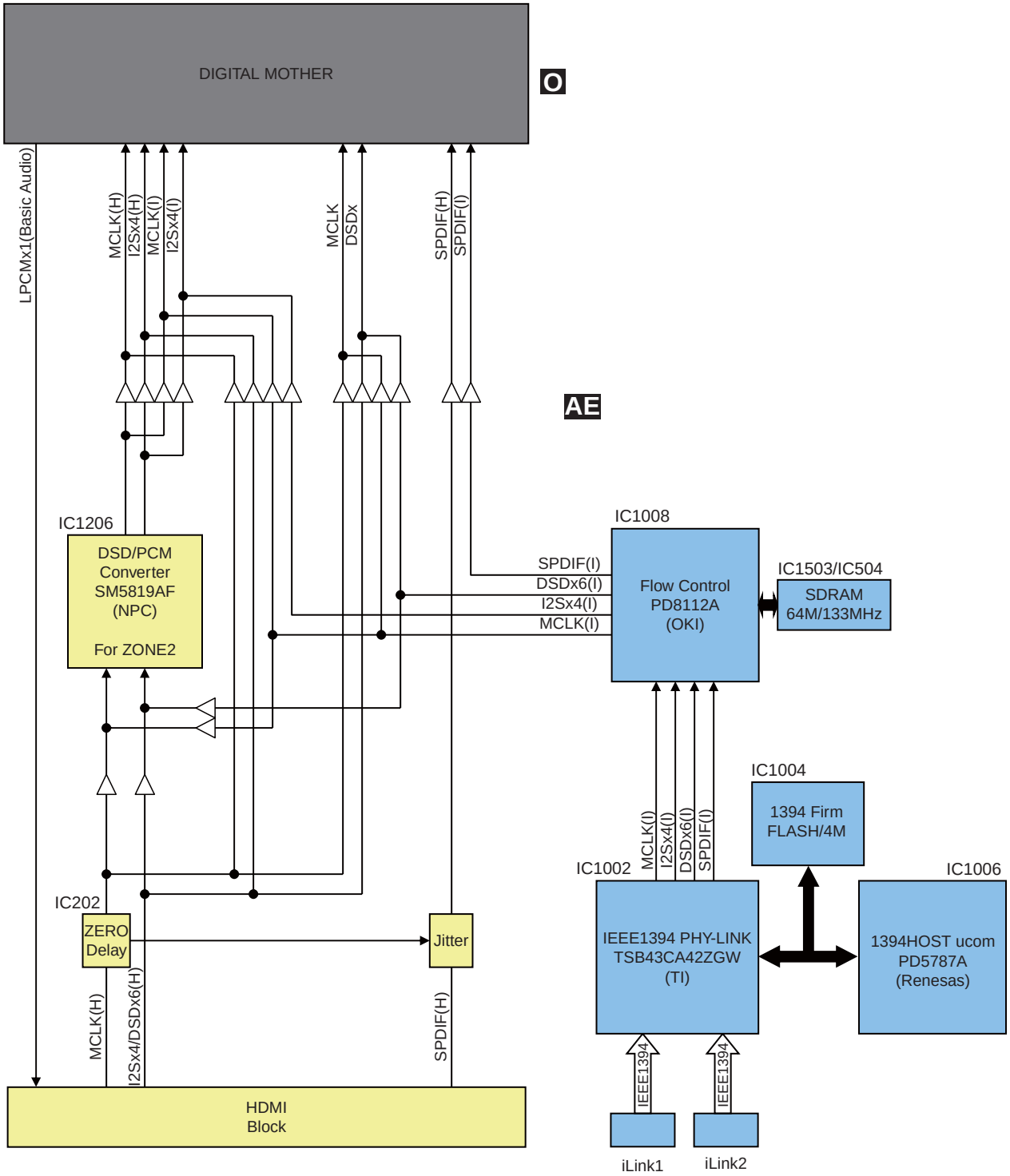


The clock frequency in a figure mentions the maximum.

The gray part is a main unit area and a main unit part.

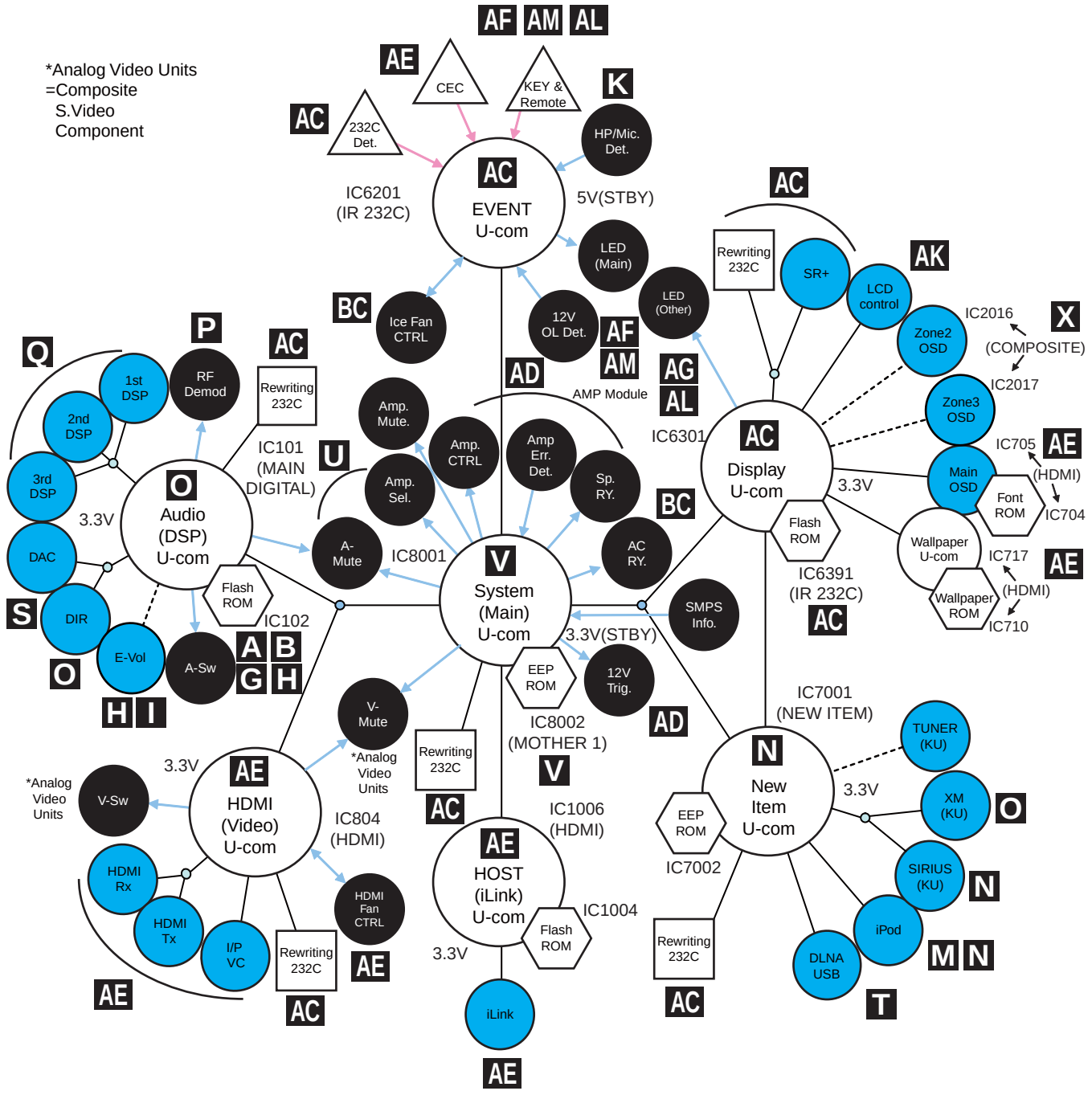


4.7 HDMI AUDIO BLOCK



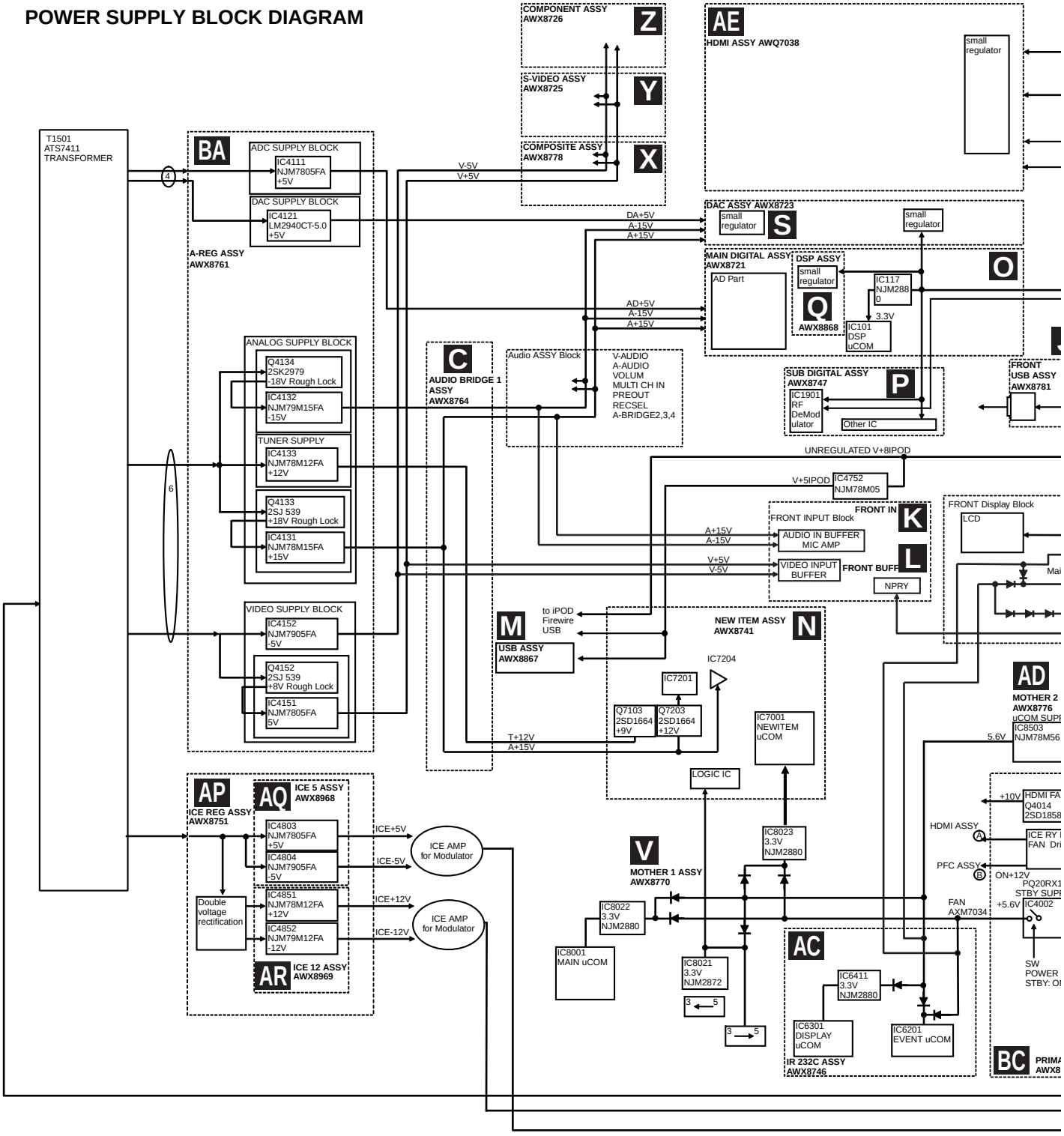
4.8 CONTROL BLOCK

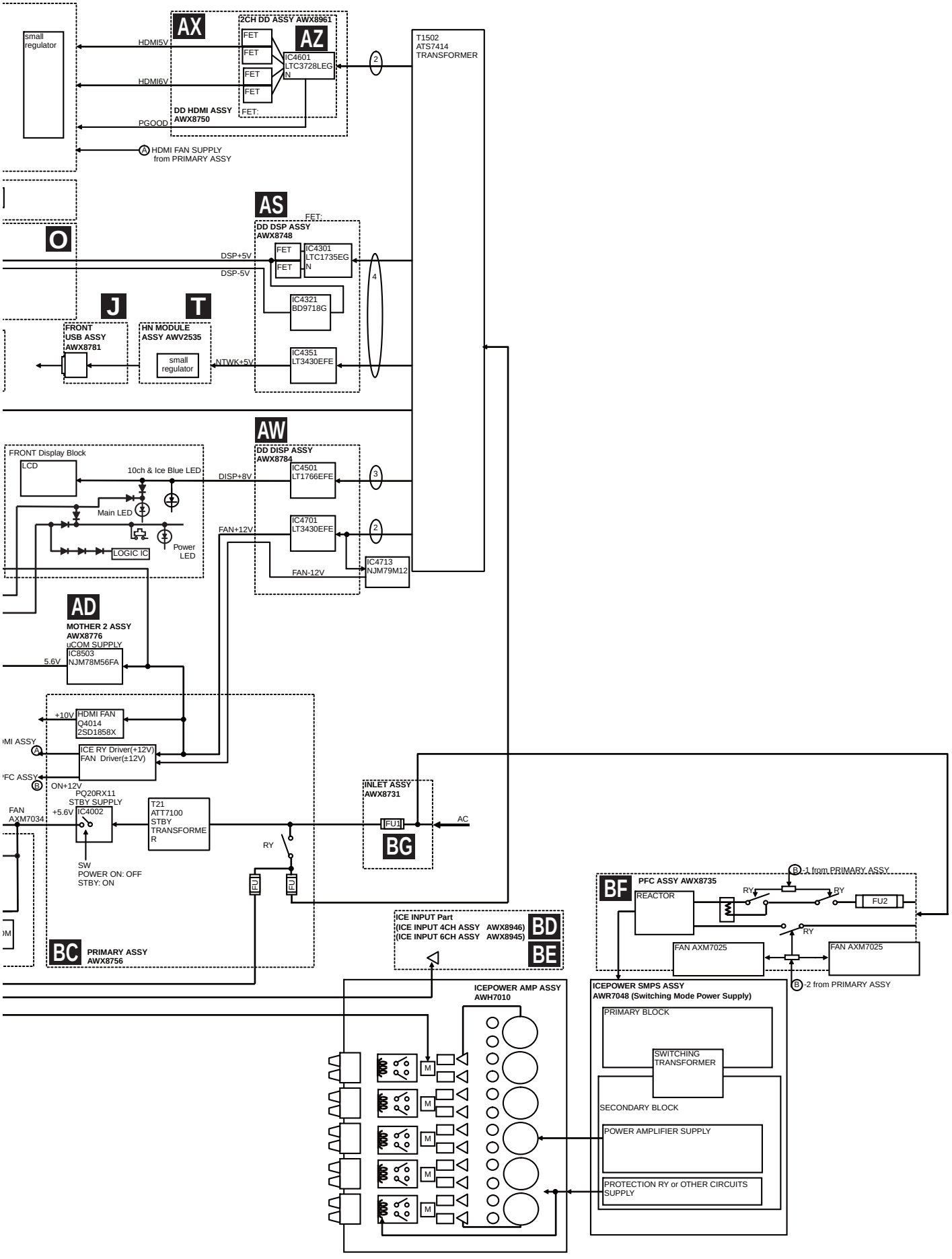
Hierarchy Chart of the Microcomputer



4.9 POWER SUPPLY BLOCK

POWER SUPPLY BLOCK DIAGRAM

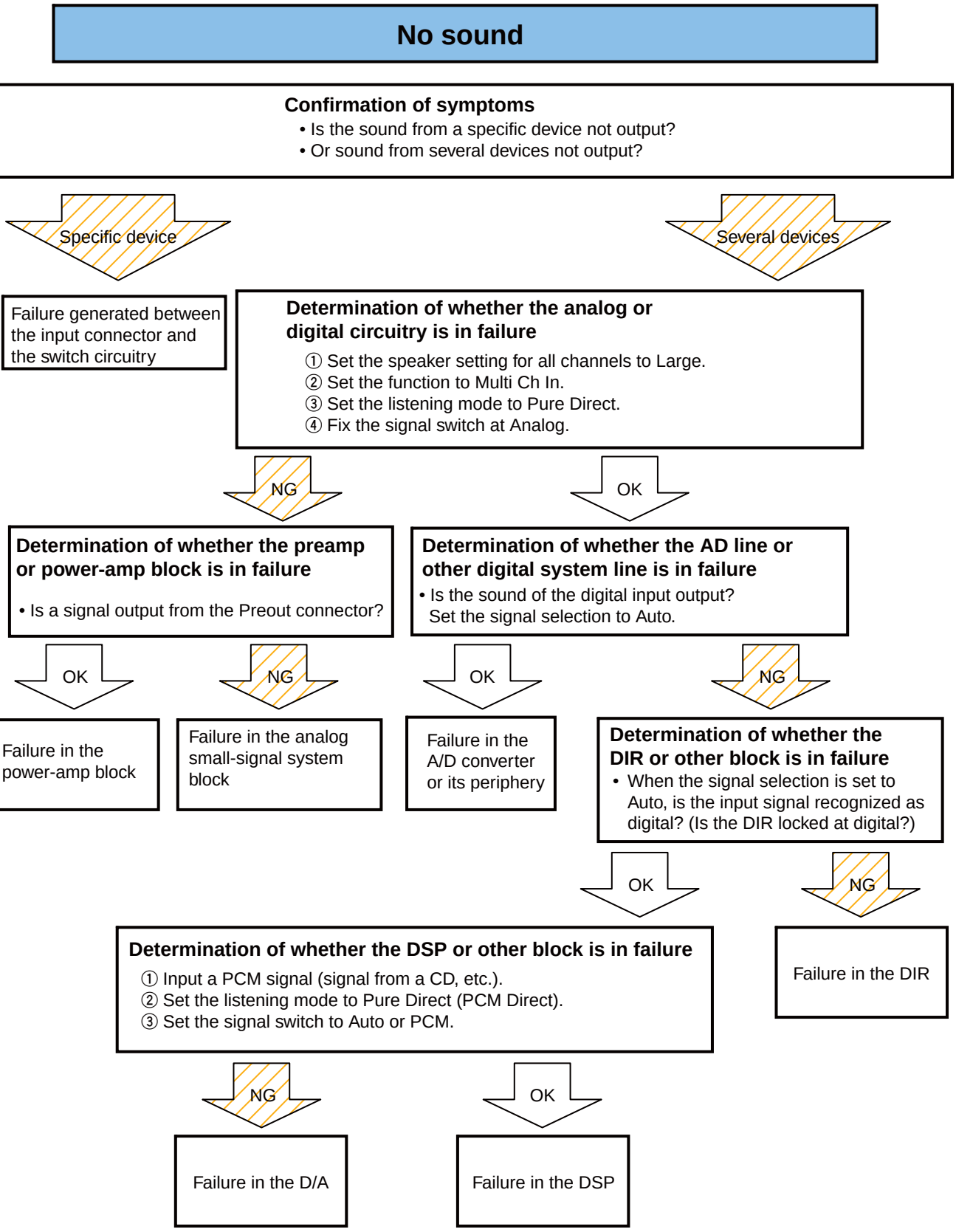



AX
2CH DD ASSY AWX8961
AZ
small regulator
HDMI5V
HDMI6V
FET
IC4601 LTC3728LEG N
T1502 ATS7414 TRANSFORMER
DD HDMI ASSY AWX8750
PGOOD
HDMI FAN SUPPLY from PRIMARY ASSY
AS
DD DSP ASSY AWX8748
O
DSP+5V
DSP-5V
IC4301 LTC1735EG N
IC4321 BD9718G
J
T
FRONT USB ASSY AWX8781
HN MODULE ASSY AWV2535
NTWK+5V
IC4351 LT3430EFE
AW
DD DISP ASSY AWX8784
FRONT Display Block
LCD
10ch & Ice Blue LED
Main LED
Power LED
LOGIC IC
DISP+8V
IC4501 LT1766EFE
FAN+12V
IC4701 LT3430EFE
FAN-12V
IC4713 NJM79M12
AD
MOTHER 2 ASSY AWX8776
uCOM SUPPLY
5.6V
IC8503 NJM78M56FA
+10V
HDMI FAN Q4014 2SD1858X
ICE RY Driver(+12V)
FAN Driver(±12V)
ON+12V
PQ20RX11 STBY SUPPLY
+5.6V
IC4002
T21 ATT7100 STBY TRANSFORMER
SW
POWER ON: OFF
STBY: ON
RY
INLET ASSY AWX8731
FU1
AC
BG
BC
PRIMARY ASSY AWX8756
ICE INPUT Part
(ICE INPUT 4CH ASSY AWX8946)
(ICE INPUT 6CH ASSY AWX8945)
BD
BE
BF
PFC ASSY AWX8735
REACTOR
FU2
FAN AXM7025
FAN AXM7025
B-1 from PRIMARY ASSY
B-2 from PRIMARY ASSY
ICEPOWER AMP ASSY AWH7010
ICEPOWER SMPS ASSY AWR7048 (Switching Mode Power Supply)
PRIMARY BLOCK
SWITCHING TRANSFORMER
SECONDARY BLOCK
POWER AMPLIFIER SUPPLY
PROTECTION RY or OTHER CIRCUITS SUPPLY

5. DIAGNOSIS

5.1 DIAGNOSIS FLOWCART

5.1.1 SET DIAGNOSIS WITHOUT REMOVING BONNET



No image

Confirmation of symptoms

- Is the video signal from a specific device not output?
- Or the video signal from several devices not output?

Specific device

Failure in the specific device

Several devices

Determination of whether the analog or digital (HDMI) circuitry is in failure

① Select the function that includes the analog video input signal (E.g.: DVD).
② Set Video Convert to OFF (= Direct).
③ Check the analog signals in all available formats from the analog Monitor output, using the same cables for connections of analog input and output.

NG

Identification of defective format

Check if the signals in all formats (CVBS, S, Component, and D) are output in the same way.

Signal output of specific format is not available.

Failure in the specific unit

Signal outputs of all formats are not available.

Failure in the power supply for the analog video or the control system

OK

Determination of whether the connections are poor or the HDMI system is in failure

Check the analog output when Video Convert is set to ON.
① Set Video Convert to ON.
② Set other video parameters to their default values.

Only analog output unavailable

Failure in the analog path after the connection or scaler

Only HDMI output unavailable

Determination of whether the TX or the other blobk is in failure

Check the video output signal from the HDMI input/output.

NG

Failure in the HDMI TX

OK

Failure in the buffer between TX and scaler

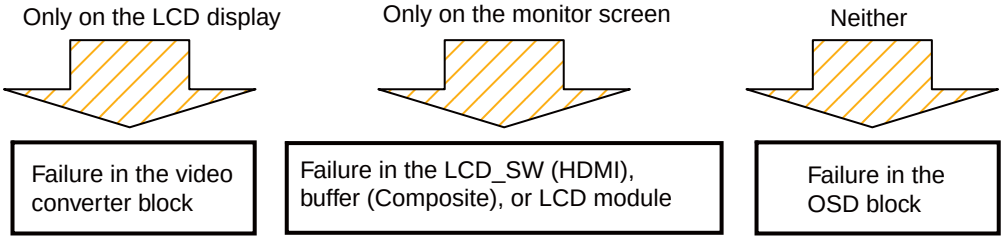
Neither

Defective connections, video decoder, or scaler

No OSD

Confirmation of the output signal

- Is the SETUP screen displayed on the screen of the monitor connected via the MONITOR output and on the LCD display?



Not controllable (Unit's status)

Identification of which part of the power system is in failure (1)

• Does the unit respond when the power cord is plugged in?

The unit responds

The unit does not respond

Identification of which part of the power system is in failure (2)

• Is the unit turned on by pressing the Power key on the front panel of the unit or on the remote control unit?

Abnormality in the power supply or in the main microcomputer

NG

ON/OFF repeatedly

Is only the Power indicator flashing?

Abnormality in the power supply for the microcomputer, or the unit in AC power decrease status

OK

Yes

No

Check whether the voltage of the AC outlet is in the decrease state or not.

B

Determination of whether the EVENT microcomputer is in failure or poor connection

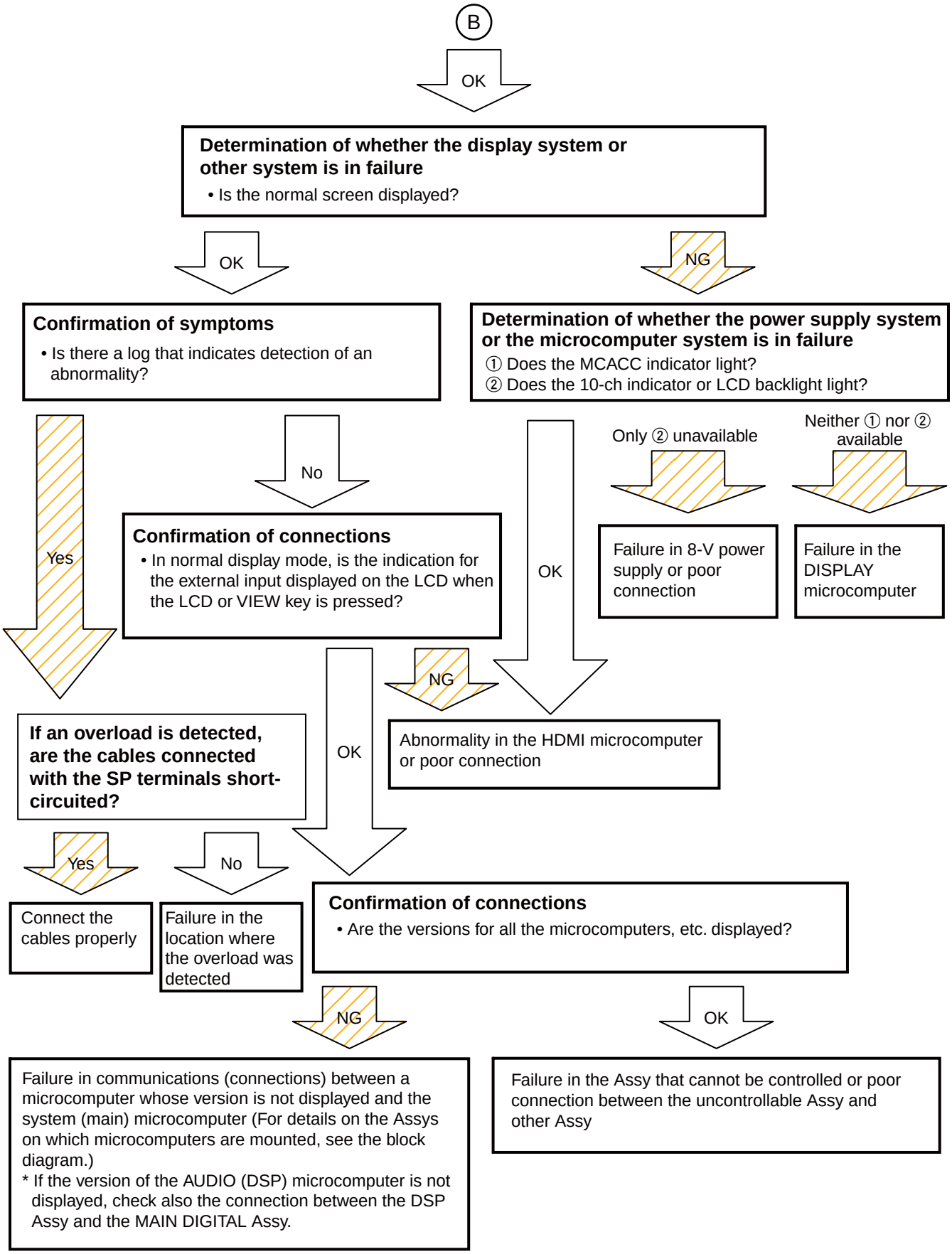
• Can the unit be turned on using a remote control unit connected via the SR IN connector?

NG

OK

Failure in the EVENT microcomputer or the IR 232C Assy

Poor connection in the front block

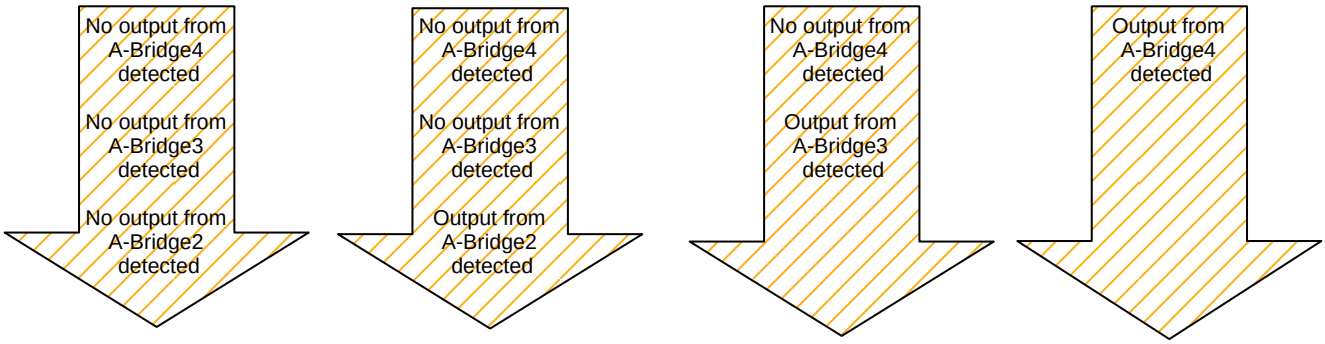

B
OK
Determination of whether the display system or other system is in failure
• Is the normal screen displayed?
OK
NG
Confirmation of symptoms
• Is there a log that indicates detection of an abnormality?
Determination of whether the power supply system or the microcomputer system is in failure
① Does the MCACC indicator light?
② Does the 10-ch indicator or LCD backlight light?
Yes
No
Confirmation of connections
• In normal display mode, is the indication for the external input displayed on the LCD when the LCD or VIEW key is pressed?
OK
Only ② unavailable
Neither ① nor ② available
Failure in 8-V power supply or poor connection
Failure in the DISPLAY microcomputer
NG
Abnormality in the HDMI microcomputer or poor connection
If an overload is detected, are the cables connected with the SP terminals short-circuited?
OK
Yes
No
Connect the cables properly
Failure in the location where the overload was detected
Confirmation of connections
• Are the versions for all the microcomputers, etc. displayed?
NG
OK
Failure in communications (connections) between a microcomputer whose version is not displayed and the system (main) microcomputer (For details on the Assys on which microcomputers are mounted, see the block diagram.)
* If the version of the AUDIO (DSP) microcomputer is not displayed, check also the connection between the DSP Assy and the MAIN DIGITAL Assy.
Failure in the Assy that cannot be controlled or poor connection between the uncontrollable Assy and other Assy

5.1.2 UNIT DIAGNOSIS

No audio output from the Preout connector

Failure in the analog small-signal system block

(In the following procedures for identification of the defective Assy, connection of the special tool for extension of HDMI Assy is required.)

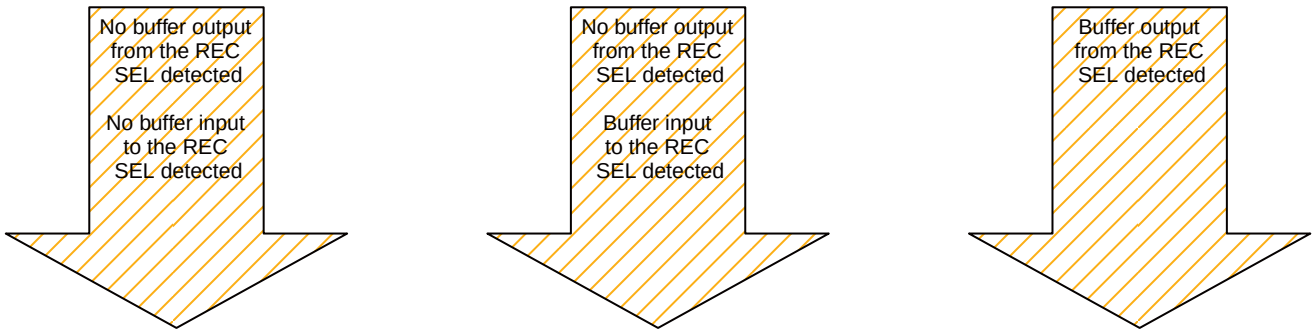


Possible causes: Failure in the A-AUDIO Assy, V-AUDIO Assy, REC SEL Assy, or the Assy being connected, or poor connection of connectors	Possible causes: Failure in the MULTI CH IN Assy, or the Assy being connected, or poor connection of connectors	Possible causes: Failure in the VOLUME Assy, or the Assy being connected, or poor connection of connectors	Possible causes: Failure in the PREOUT Assy, or the Assy being connected, or poor connection of connectors

No audio output from the ZONE2 OUT (Analog) connector

Failure in the analog small-signal system block

(In the following procedures for identification of the defective Assy, connection of the special tool for extension of HDMI Assy is required.)

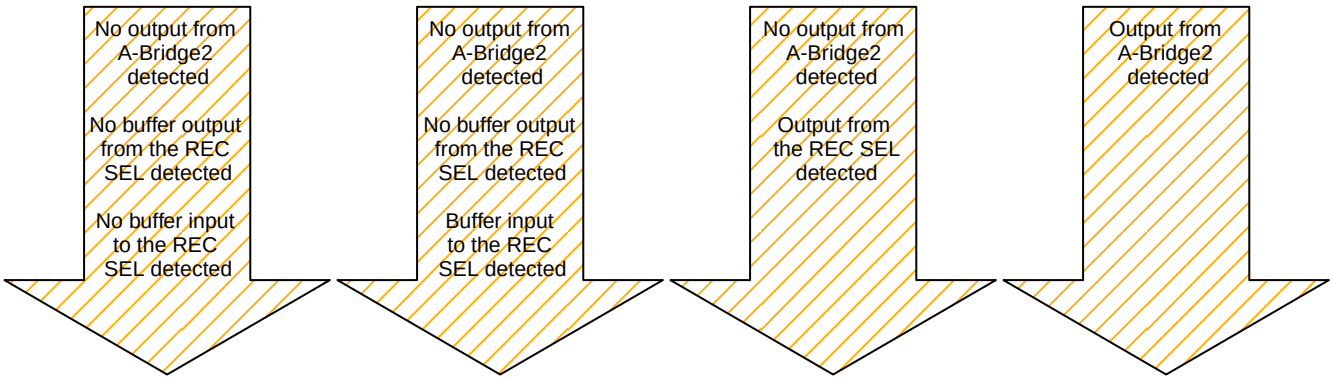


Possible causes: Failure in the V-AUDIO Assy, A-AUDIO Assy, or the Assy being connected, or poor connection of connectors	Failure in the REC SEL Assy	Possible causes: Failure in the MULTI CH IN Assy, MOTHER1 Assy, or the Assy being connected, or poor connection of connectors

No audio output from the ZONE3 OUT (Analog) connector

Failure in the analog small-signal system block

(In the following procedures for identification of the defective Assy, connection of the special tool for extension of HDMI Assy is required.)



Possible causes:
Failure in the V-AUDIO Assy, A-AUDIO Assy, or the Assy being connected, or poor connection of connectors

Failure in the REC SEL Assy

Possible causes:
Failure in the A-AUDIO Assy, or the Assy being connected, or poor connection of connectors

Possible causes:
Failure in the MULTI CH IN Assy, or the Assy being connected, or poor connection of connectors

No audio output from the Preout connector (Assys)

Failure in the digital small-signal system block

Failure in the A/D converter or its periphery

No further diagnosis is possible in this state.

Failure in the D/A converter

① Input a PCM signal (signal from a CD, etc.) to COAX.
② Set the listening mode to Pure Direct (PCM Direct).
③ Set the signal switch to Auto or PCM.

After the above settings are completed, are signals output from FD, BCK, and LRCK on the DIGI BRIDGE Assy?

NG → Check if the DIGI BRIDGE Assy is properly connected. (Is a pin bent and/or short-circuited?)

NG → Poor connection of connectors or improper repair work

OK → Failure in circuits (selector, etc.) on the path from the DIR to the DIGI BRIDGE Assy

OK → Check if sound is output when the "SRC" audio parameter is set to OFF.

NG → Is power to the DAC (V + 3DA and V + 5DA) output?

OK → Is ±15-V power output from the OP amp, which is located at the stage after the DAC?

OK → Failure in the DAC or its peripheral circuits

NG → Poor connection of connectors on the path of power supply

NG → Failure in the regulator for V + 5DA or the power-supply block connected to that regulator

OK → Failure in an oscillation circuit in the periphery of the X1001, or the SRC or its peripheral circuits

Failure in the DSP

No further diagnosis is possible in this state.

Failure in the DIR

If audio signals are input to the COAX, OPT, and FRONT OPT connectors, is sound of those signals output?

NG → Failure in the DIR or its peripheral circuits

OK → Failure in circuits (selector, etc.) on the path from the input connector, with which no sound output is available, to the DIR

No composite video output available

Is an image displayed when VIDEO CONVERT is set to OFF?

NG

Is the voltage detectable at the power-supply housing?

NG

Failure in the A-REG Assy suspected

OK

Failure in the COMPOSITE Assy suspected

OK

When the component, S-VIDEO, and composite signals are input and VIDEO CONVERT is set to ON, is the image of the component input signal displayed?

NG

Failure in the HDMI Assy or COMPONENT Assy suspected

OK

When the S-VIDEO and composite signals are input and VIDEO CONVERT is set to ON, is the image of the S-VIDEO input signal displayed?

NG

Failure in the HDMI Assy, COMPONENT Assy or S-VIDEO Assy suspected

OK

When the composite signal is input and VIDEO CONVERT is set to ON, is the video signal output from an FFC cable connected to the HDMI connector of this unit?

NG

Failure in the COMPOSITE Assy or the FFC cable suspected

OK

Failure in the HDMI Assy or S-VIDEO Assy suspected

No S-VIDEO output available

Is an image displayed when VIDEO CONVERT is set to OFF?

NG

Is the voltage detectable at the power-supply housing?

NG

Failure in the A-REG Assy suspected

OK

Failure in the S-VIDEO Assy suspected

OK

When the component, S-VIDEO, and composite signals are input and VIDEO CONVERT is set to ON, is the image of the component input signal displayed?

NG

Failure in the HDMI Assy or COMPONENT Assy suspected

OK

When the S-VIDEO signal is input and VIDEO CONVERT is set to ON, is the video signal output from an FFC cable connected to the HDMI connector of this unit?

NG

Failure in the S-VIDEO Assy or the FFC cable suspected

OK

Failure in the HDMI Assy suspected

No component video output available

Is an image displayed when VIDEO CONVERT is set to OFF?

NG

Is the voltage detectable at the power-supply housing?

NG

Failure in the A-REG Assy suspected

OK

Failure in the COMPONENT Assy suspected

OK

When the component signal is input and VIDEO CONVERT is set to ON, is the video signal output from an FFC cable connected to the HDMI connector of this unit?

NG

Failure in the COMPONENT Assy or the FFC cable suspected

OK

Failure in the HDMI Assy suspected

Not controllable (Assys)

Can the unit be turned on?

NG

ON/OFF repeatedly

OK

Is the Standby power available?
Check Pin 1 of the CN6401 on the IR 232C Assy.

NG

Abnormality in 5.6-V Standby power

OK

Is 5.6-V power for microcomputers available?
Check Pins 2 and 3 of the CN6401 on the IR 232C Assy.

NG

Abnormality in the 5.6-V power system or poor connection between microcomputers

OK

Abnormality in the STBY 5 OFF circuit or poor connection

Is the Event microcomputer active?
Check if the crystal oscillation is output from Pins 12 and 13 of IC6201 on the IR 232C Assy.

NG

Failure in the EVENT microcomputer

OK

Is the Power Key signal input?
Check if the signal is input to Pin 1 of the CN6401 on the IR 232C Assy.

NG

Poor connection in the periphery of the front panel or defective unit (Possible defective parts: POWER SW, TACT, DISPLAY, PERCH PS, PERCH DISP, IR 232C, and cables)

OK

Is the 1W WakeUP signal output?
Turn the unit off then back on, then check Pin 9 of the CN6401 on the IR 232C Assy.
Use of a digital oscilloscope is recommended for checking.

NG

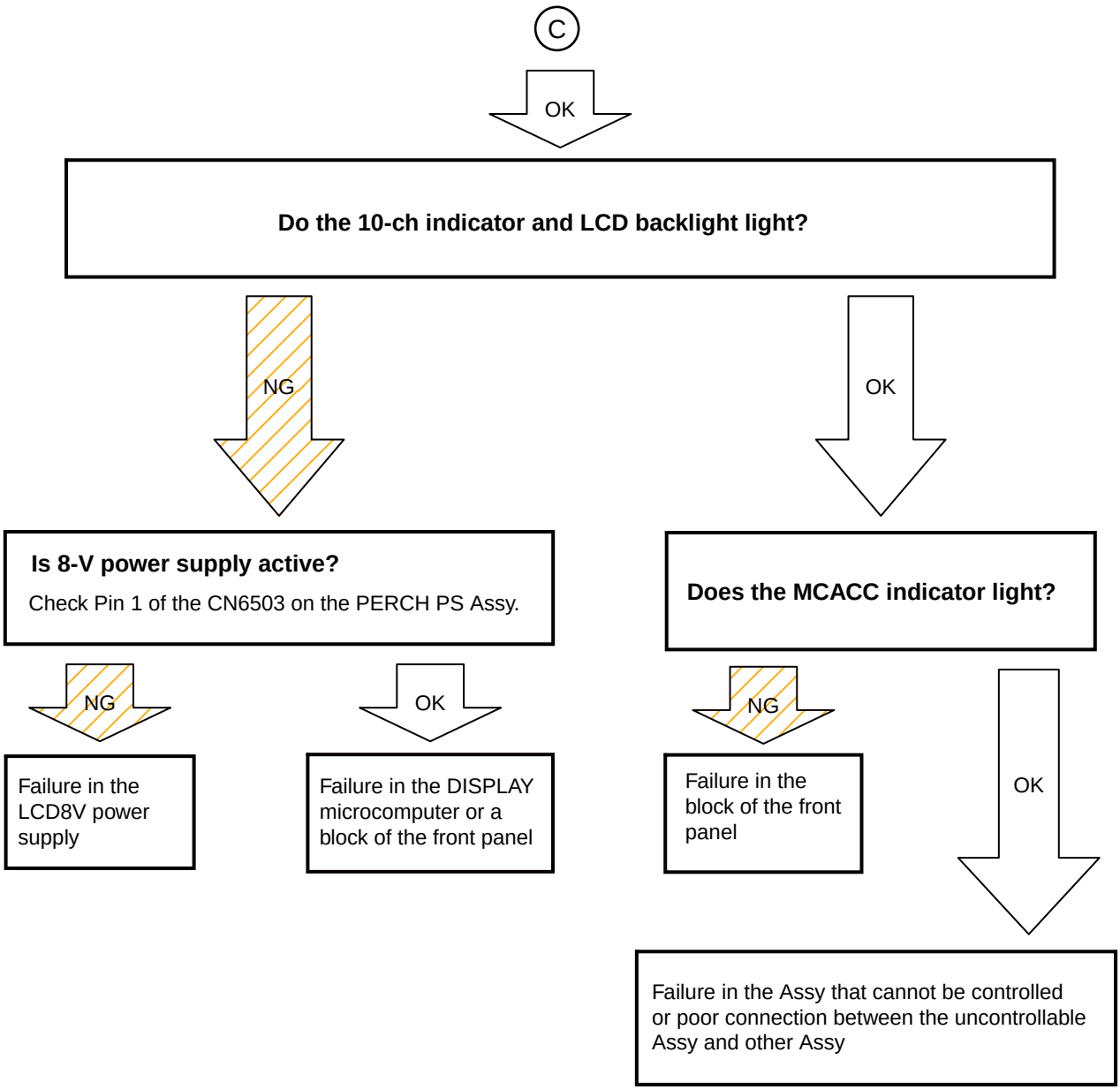
Failure in the EVENT microcomputer

OK

Poor connection in the periphery of the main (system) micro-computer or defective unit (Possible defective parts: IR 232C, MOTHER 2, MOTHER 1, and board connectors)

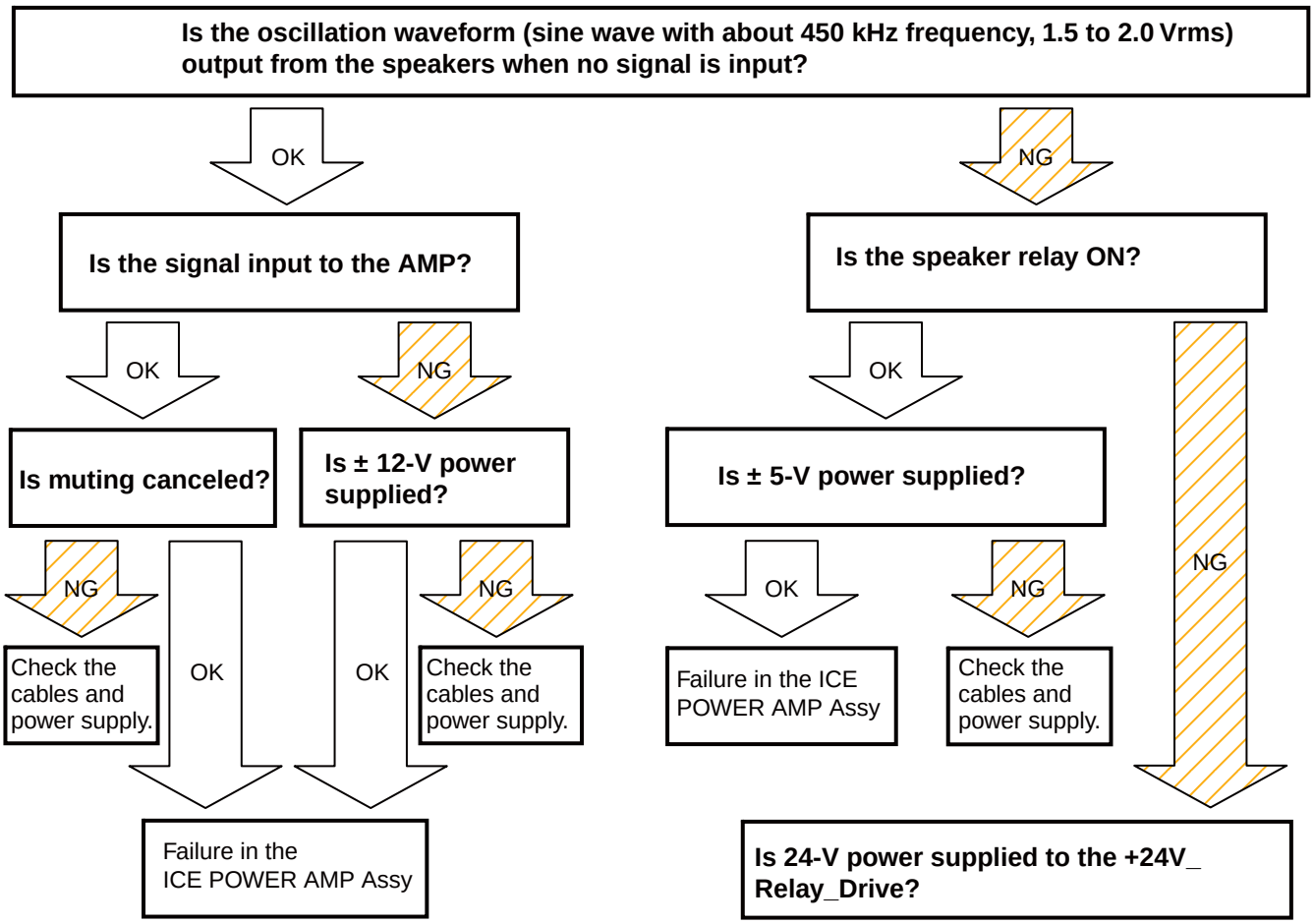
OK

C


C
OK
Do the 10-ch indicator and LCD backlight light?
NG
OK
Is 8-V power supply active?
Check Pin 1 of the CN6503 on the PERCH PS Assy.
Does the MCACC indicator light?
NG
OK
NG
OK
Failure in the LCD8V power supply
Failure in the DISPLAY microcomputer or a block of the front panel
Failure in the block of the front panel
Failure in the Assy that cannot be controlled or poor connection between the uncontrollable Assy and other Assy

Diagnosis of the ICEPOWER Block

If you come to this section because the power amp block is diagnosed as being in failure:
If only sound of a specific function or in a specific audio mode is not output, the defective block is not the ICEPOWER block. The ICEPOWER block is diagnosed as being in failure only when sound of all functions is not output.
① Set the speaker setting for all channels to Large.
② Set ALL CH to Bi AMP.
③ Set the function to Multi Ch In.
④ Set the listening mode to Pure Direct (PCM Direct).
⑤ Fix the signal switch at Analog.



* How to confirm that 5-V/12-V power for the ICE is properly supplied:
Check the ICE REG Assy.
Check the power supply to the ICE POWER AMP Assy.
Check OP-AMP power supply to the ICE INPUT 4CH Assy and the ICE INPUT 6CH Assy.

* How to confirm that a signal is input to the ICE AMP block:
Check the cables.
Check the output from the ICE INPUT 4CH Assy and the ICE INPUT 6CH Assy.

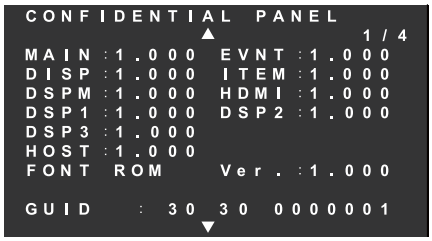
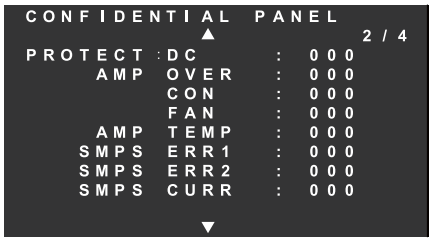
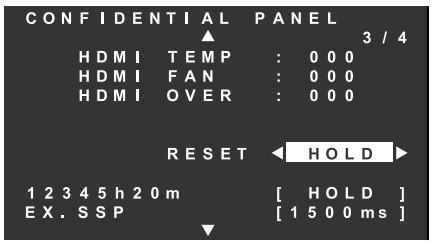
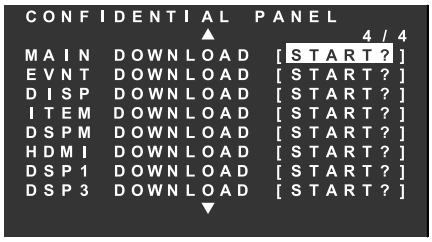
* How to confirm that the speaker relay is activated:
Check if sound of relay operation is heard when the SP Relay ON/OFF key on the front panel is pressed.

6. SERVICE MODE
6.1 SERVICE MODE

How to enter the Service mode
1. Turn off the ZONE 2 and ZONE 3 of the MULTI-ZONE CONTROL. Turn the MASTER VOLUME to the minimum (---dB) and turn off the power.
2. After the power-off, press and hold down both the "ENTER" key and the "ZONE 2" key for approximately two seconds.

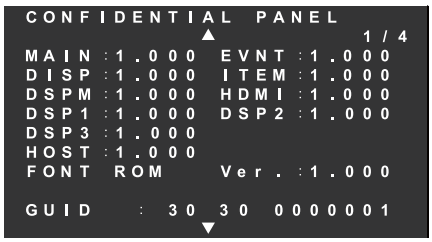
How to exit the Service mode
Turning off the power or pressing the RETURN key returns to the normal mode.

Mode transition methods for each mode
*If no key is pressed within 10 seconds, the Service mode returns to the normal mode.

Key Operation	OSD
VERSION screen [⬇] [⬆] **Note:** The screen does not move directly. Move to the next screen after a cursor moved every one time.	
PROTECT screen (1) [⬇] [⬆] **Note:** The screen does not move directly. Move to the next screen after a cursor moved every one time.	
PROTECT screen (2) Accumulate time ⬇ ⬆ EX.SSP [⬇] [⬆]	
DOWNLOAD screen [⬇] [⬆] EVENT DOWNLOAD ⬇ ⬆ Display DOWNLOAD ⬇ ⬆ New ITEM DOWNLOAD ⬇ ⬆ DSP u-com DOWNLOAD ⬇ ⬆ HDMI DOWNLOAD ⬇ ⬆ 1st DSP Firm DOWNLOAD ⬇ ⬆ 3rd DSP Firm DOWNLOAD [⬇] [⬆] Return to VERSION screen	

VERSION screen

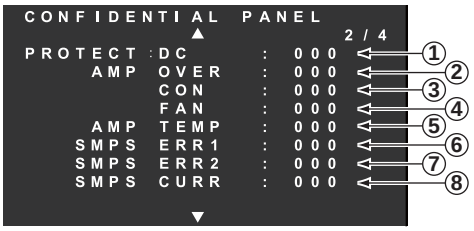
This block displays version information of various microcomputers, DSP firmware, Font ROM and i.Link GUID.
Note: If no key is pressed within 10 seconds, the Service mode returns to the normal mode.

Key Operation	OSD	Explanation on Displayed Versions
Service mode ON ↓ VERSION screen ↓ [⬇] To PROTECT screen (2)		MAIN: MAIN microcomputer EVNT: EVENT microcomputer DISP: DISPLAY microcomputer ITEM: ITEM microcomputer DSPM: DSP microcomputer HDMI: HDMI microcomputer DSP1: 1st DSP firmware DSP2: 2nd DSP firmware DSP3: 3rd DSP firmware FONT ROM Ver. : Font ROM version GUID: i.Link GUID

PROTECT screen (1)

This block displays number of times protection processing is detected.
Note: If no key is pressed within 10 seconds, the Service mode returns to the normal mode.

OSD

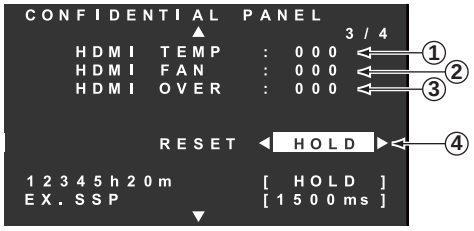


	Detected Abnormalities	Description	Indication During Detection	LED that Flashes After Detection
①	Number of AMP DC detections	DC detection in the amp output (after passing through the LPF)	AMP ERR	*
②	Number of AMP OVER (overcurrent) detections	Overcurrent detection in the amp output	–	PHASE CONTROL
③	Number of simultaneous detections of AMP DC&OVER (DC and overcurrent)	Simultaneous detection of DC and overcurrent	–	PHASE CONTROL
④	Number of AMP FAN (STOP) detections	FAN abnormality detection for the AMP, SMPS, or transformer	FAN STOP	i.Link
⑤	Number of AMP TEMP (abnormal temperature) detections	Abnormality in the temperature of the amp	AMP OVERHEAT	STANDBY ON
⑥	Number of SMPS ERR1 (abnormal) detections	Abnormality in the SMPS (temperature, short-circuit, overvoltage etc.)	–	STANDBY ON
⑦	Number of SMPS ERR2 (failure) detections	Abnormality in the SMPS (failure)	–	MCACC
⑧	Number of SMPS CURR (overcurrent) detections	Overcurrent detection in the SMPS	–	STANDBY ON

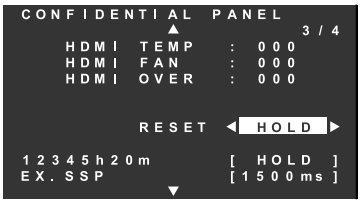
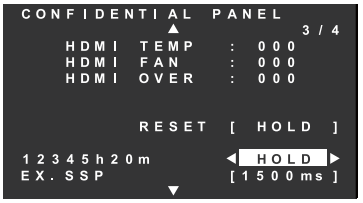
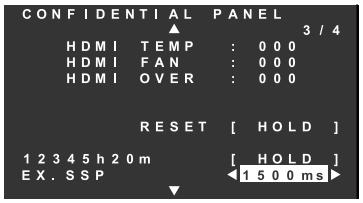
[⬇] [⬆]

Note*:
If DC output is detected during normal operation, the STANDBY ON LED starts flashing. The Unit is turned on after 1 minute, and if the DC output is detected again during power-on sequence, the MCACC LED starts flashing.
(Refer to section "6.4 ERROR INDICATIONS.")

PROTECT screen (2)



	Detected Abnormalities	Description	Indication During Detection	LED that Flashes After Detection
①	Number of HDMI TEMP (abnormal temperature) detections	Abnormal temperature of the HDMI	–	STANDBY ON
②	Number of HDMI FAN (STOP) detections	Detection of abnormality in the fans for HDMI	–	i.Link
③	Number of HDMI OVER (abnormal voltage) detections	Detection of over-voltage in the HDMI	–	MCACC
④	Clear the numbers of detections mentioned above. This is to be used before shipment or after repair.	–	–	–

Key Operation	OSD
Resetting the number of times error is detected [⬇] [⬆]	
Display accumulated time and reset [⬇] [⬆]	
The Timer of Exception "Set Stream Path" [⬇] [⬆] To DOWNLOAD screen	

Resetting the number of times error is detected

Key Operation	OSD
[⬅] [➡] [ENTER] ⬇ Service mode continuation	

Resetting the accumulated time

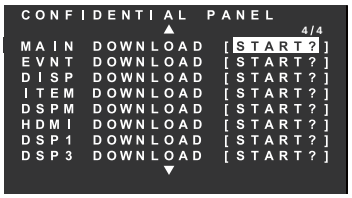
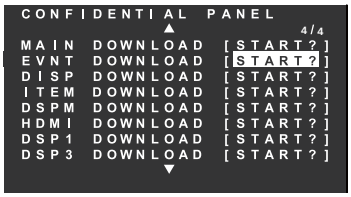
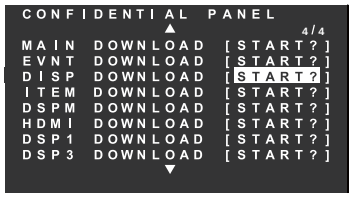
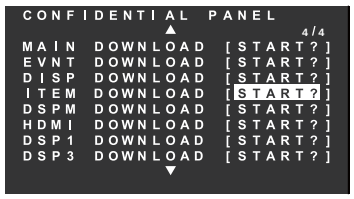
Key Operation	OSD
[⬅] [➡] [ENTER] ⬇ Service mode continuation	

Setting of the Timer of Exception "Set Stream Path" command on CEC

Key Operation	OSD
[⬅] [➡] ⬇ Service mode continuation	

DOWNLOAD screen

This block enters the rewriting mode of various microcomputers and DSP firmware.

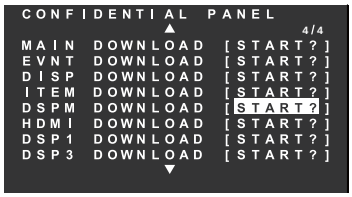
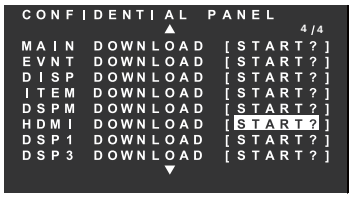
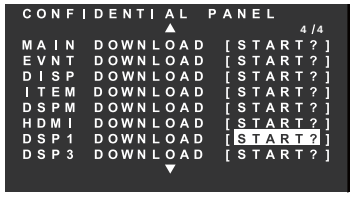
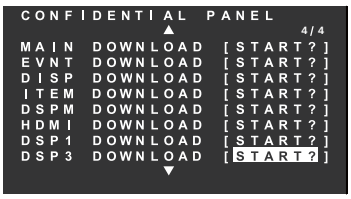
Key Operation	OSD
MAIN microcomputer DOWNLOAD [⬇] [⬆]	
EVENT microcomputer DOWNLOAD [⬇] [⬆]	
DISPLAY microcomputer DOWNLOAD [⬇] [⬆]	
ITEM microcomputer DOWNLOAD [⬇] [⬆]	

Key Operation	OSD
[ENTER] ⬇ To MAIN microcomputer DOWNLOAD mode	MAIN DOWNLOAD [GO ON]

Key Operation	OSD
[ENTER] ⬇ To EVENT microcomputer DOWNLOAD mode	EVNT DOWNLOAD [GO ON]

Key Operation	OSD
[ENTER] ⬇ To DISPLAY microcomputer DOWNLOAD mode	DISP DOWNLOAD [GO ON]

Key Operation	OSD
[ENTER] ⬇ To ITEM microcomputer DOWNLOAD mode	ITEM DOWNLOAD [GO ON]

Key Operation	OSD
DSP microcomputer DOWNLOAD [⬇] [⬆]	
HDMI microcomputer DOWNLOAD [⬇] [⬆]	
1st DSP firmware DOWNLOAD [⬇] [⬆]	
3rd DSP firmware DOWNLOAD [⬇] [⬆] To VERSION screen	

Key Operation	OSD
[ENTER] ⬇ To DSP microcomputer DOWNLOAD mode	DSPM DOWNLOAD [GO ON]

Key Operation	OSD
[ENTER] ⬇ To HDMI microcomputer DOWNLOAD mode	HDMI DOWNLOAD [GO ON]

Key Operation	OSD
[ENTER] ⬇ To 1st DSP firmware DOWNLOAD mode	DSP1 DOWNLOAD [GO ON]

Key Operation	OSD
[ENTER] ⬇ To 3rd DSP firmware DOWNLOAD mode	DSP3 DOWNLOAD [GO ON]

6.2 TEST MODE

Preparation

Set the test code preset for any function, using the supplied remote control unit, as follows:

① While holding the MULTI OPERATION key pressed, press the SETUP key.
"SETUP" is displayed in the display of the remote control unit.
② Select "PRESET" and press ENTER key.
③ Select one of the multi-control (function) keys for which the test code is to be registered.
If the customer's remote control unit is used, there is a possibility that registered settings will be overwritten and lost.
(Be sure to select a function key for which no setting has been registered.)
If the customer's remote control unit is used, restore the preset values after servicing is finished.
(Be sure to make note of the customer's preset ID beforehand.)
④ Select "I" press ENTER key.
⑤ Select "INSTSERV" press ENTER key.
⑥ Select "LD 150" press ENTER key.
⑦ Press and hold the MULTI OPERATION key for 2 seconds to finish test code preset.

For details on preset code setting, refer to Page 112 of the Operating Instructions.

How to Enter Test Mode

Press the MENU key of the function for which the test code has been registered.

Note : If enter this Test Mode, the user settings (MCACC and tuner preset) will be cleared.

How to Exit Test Mode

Press the 9 key of the function for which the test code has been registered.
The unit exits Test mode and enters Standby mode.

No.	Item	Key Operation	Description	OSD
①	HDMI CEC Test mode	Press the 0 key of the function for which the test code has been registered.	A 1-kHz square-wave signal is output from the HDMI CEC output connector of the unit. When the command is issued again, output of the 1-kHz square-wave signal is turned off.	CEC TEST ON CEC TEST OFF
②	FAN ON/OFF	Press the 7 key of the function for which the test code has been registered.	Each time the code from the remote control unit is received, the all fans are turned ON or OFF. While the fans are on, they operate at high speed. The fan for HDMI is not turned on or off but continues to operate.	TEST FAN ON TEST FAN OFF

6.3 CONTROL PANEL MODE

How to enter the Control panel mode

1. Turn off the ZONE 2 and ZONE 3 of the MULTI-ZONE CONTROL and turn off the power.
2. After the power-off, press and hold down both the "SETUP" key and the "POWER" key.

How to exit the Control panel mode

Turning off the power or pressing the RETURN key returns to the normal mode.

Key Operation	OSD
CONTROL PANEL mode Memory initialization	

Key Operation	OSD
[⬅] [➡]	
[ENTER]	
[ENTER] ⬇ To Normal mode Via the Power On routine (Power ON sequence mode)	

6.4 ERROR INDICATIONS

■ Error Indications Upon Detection of Abnormalities in the Amp/Communication Systems (1)

[Purpose]

Errors upon detection of abnormalities in the amp system are indicated.

[Error indications]

	OSD	LED flashes	Status	Timing (sec.)	Remarks
(1)	NA	PHASE CONTROL	When the overcurrent is detected.	LED flashes after the power off.	
(2)	NA	POWER indicator	When an abnormality is detected in the SMPS system during normal operation.	LED flashes after the power off.	Abnormality detection in the SMPS system
		MCACC LED	When an abnormality is detected in the SMPS system during power-on sequences.	LED flashes after the power off.	
(3)	SMPS OVER CURR	POWER indicator	When an abnormality of electric current of power supply B is detected in the SMPS system.	OSD flashes 3 times. LED flashes after the power off.	
(4)	AMP ERR	POWER indicator	When the AMP DC is detected during normal operation.	OSD flashes 3 times. LED flashes after the power off.	
		MCACC LED	When the AMP DC is detected during power-on sequences after the DC output was once detected.	OSD flashes 3 times. LED flashes after the power off.	
(5)	AMP OVERHEAT	POWER indicator	When an abnormality of temperature is detected at the amp output stage.	OSD flashes 3 times. LED flashes after the power off.	
(6)	FAN STOP	i.Link LED	When an abnormality is detected in the fans for the AMP, SMPS, or transformer.	OSD flashes 3 times. LED flashes after the power off.	
(7)	NA	POWER indicator	When an abnormality of high temperature is detected in the HDMI system.	LED flashes after the power off.	Abnormality detection in the HDMI system
(8)	NA	i.Link LED	When an abnormality is detected in the fan for HDMI system.	LED flashes after the power off.	Abnormality detection in the HDMI system
(9)	NA	MCACC LED	When an abnormality of over-voltage is detected in the power supply for HDMI system.	LED flashes after the power off.	Abnormality detection in the HDMI system

[Descriptions]

(1)	Overcurrent detection	Upon detection of overcurrent, the unit power off immediately, and the PHASE CONTROL LED starts flashing. The previous status will be restored when the unit is turned back on.
(2)	Detection of abnormal temperature in the main converter Detection of short-circuiting between + and - of power supply B for the main converter Detection of overvoltage in the main converter UVLO of the main converter	During normal operation, upon detection of an abnormality in the SMPS system, the unit is turned off immediately, and the POWER indicator starts flashing. To revert the previous status, within 1 minute after the shutdown, follow the procedure "How to Enter Release Mode," described below then turn the unit back on. To restore the previous status 1 minute or more after the shutdown, just turn the unit back on.
		If an abnormality is detected in the SMPS system during the power-on sequence, the unit shuts itself off immediately, and the MCACC LED starts flashing. To restore the previous status, follow the procedure "How to Enter Release Mode," described below, then turn the unit back on.
(3)	SMPS OVER CURR	If an abnormality is detected in the Power Monitor circuit for power supply B for the SMPS system, "SMPS OVER CURR" appears and starts flashing, and the shutdown process starts. The power is shut off, the main volume is turned down, and the POWER indicator starts flashing. To restore the previous status, turn the unit back on.
(4)	AMP ERR	In Normal Operation mode, if a failure in the amp block or high DC output is detected, "AMPERR" appears and starts flashing, and the shutdown process starts. The power is shut off, and the POWER indicator starts flashing. To restore the previous status, within 1 minute after a shutdown, follow the procedure described in "How to Enter Release Mode" below then turn the unit back on. To restore the previous status 1 minute or more after a shutdown, just turn the unit back on. The unit also enters this error mode when the DC detection circuit is activated during playback at high volume.
		If a failure in the amp block or high DC output is detected during a power-on sequence after high DC output was once detected, "AMP ERR" appears and starts flashing, and the shutdown process starts. The power is shut off, and the MCACC LED starts flashing. To restore the previous status, follow the procedure described in "How to Enter Release Mode" below then turn the unit back on. If the unit shuts off again, the AMP block may be in failure.
(5)	AMP OVERHEAT	If abnormal temperature is detected in the MOSFET at the amp output stage, "AMP OVERHEAT" appears and starts flashing, and the shutdown process starts. The power is shut off. To restore the previous status, turn the unit back on.
(6)	FAN STOP	If abnormality is detected in the fan for the AMP or SMPS, "FAN STOP" appears and starts flashing, and the shutdown process starts. The power is shut off. The iLink LED starts flashing. To restore the previous status, turn the unit back on.
(7)	Detection of abnormal heat in the HDMI system	If abnormal temperature is detected in the HDMI system, the shutdown process starts. The power is shut off, and the POWER indicator starts flashing. To restore the previous status, turn the unit back on.
(8)	Detection of abnormality in the fan for the HDMI system	If an abnormality is detected in the fan for the HDMI system, the shutdown process starts. The power is shut off, and the i.Link LED starts flashing. To restore the previous status, turn the unit back on.
(9)	Detection of overvoltage in the HDMI system	If overvoltage is detected in the HDMI system, the shutdown process starts. The power is shut off, and the MCACC LED starts flashing. The power cannot turn on again. When the power is turned on again, perform the following "How to Enter Release Mode".

[How to Enter Release Mode]

During Standby mode, simultaneously press and hold the " ⬇ (DOWN)" and "ZONE2 ON/OFF" keys for 2 seconds.

5 6 7 8

■ Error Indications Upon Detection of Abnormalities in the Amp/Communication Systems (2)

[Purpose]

Errors upon detection of abnormalities in the amp system and communication are indicated.

[Error indications]

OSD	Status	Timing (sec.)	Remarks
12V TRG ERR	When the 12-V trigger circuit is short-circuited	Flashes	
ANALOG INPUT OVER	When ANALOG INPUT OVER is detected	Displayed for 1 sec.	
XM ANT ERR	When an abnormality is detected in the XM Connect-Play-Antenna power supply	Display during abnormality	Only for North America model
HDCP ERROR	When an HDCP ERROR is detected	Flashes for 5 sec.	Warning indication for HDMI Simplay
NOT SUPPORT	When the monitor outputs a non supported video format	Flashes for 5 sec.	Warning indication for HDMI Simplay
DSP NG	When an error is detected during communication with the DSP microcomputer	Flashes	Warning indication for microcomputer communication
HDMI NG	When an error is detected during communication with the HDMI microcomputer	Flashes	Warning indication for microcomputer communication
NEW ITEM NG	When an error is detected during communication with the NEW ITEM microcomputer	Flashes	Warning indication for microcomputer communication

[Descriptions]

12V TRG ERR : The 12-V trigger circuit is short-circuited, and a overcurrent is generated.
ANALOG INPUT OVER : When the analog audio input-level is over-inputted.
XM ANT ERR : An abnormality is detected in the XM Connect-Play-Antenna power supply (only for models for North America).
HDCP ERROR : The connected monitor does not support HDCP or is in Standby mode.
NOT SUPPORT : When an input analog signal is converted and output as an HDMI signal (via the scaler,) the output signal is of a resolution not supported by the connected monitor.
DSP NG : There is no response from the DSP microcomputer.
HDMI NG : There is no response from the HDMI microcomputer.
NEW ITEM NG : There is no response from the NEW ITEM microcomputer.

■ Error Indications Upon Detection of Abnormalities in the Amp/Communication Systems (3)

[Purpose]

Errors upon detection of abnormalities in the i.Link system are indicated.

[Error indications]

OSD	Status	Timing (sec.)
LINK CHECK	While the bus is resetting	Flashes for at least 2 sec.
BUS FULL	When the i.Link bus is busy	Flashes for at least 2 sec.
NO SIGNAL	When no signal can be received from the assigned equipment	Flashes for at least 2 sec.
CANNOT LINK1	When transmission of data is unstable	Flashes for at least 2 sec.
CANNOT LINK2	When a link cannot be established, as the assigned equipment does not support AV/C protocol	Flashes for at least 2 sec.
DB ERROR	When the database could not be cleared properly	Flashes for at least 2 sec.
LOOP CONNECT	When the i.Link connection is looped	Flashes for at least 2 sec.
PQLS ON	When flow control is turned ON	Lights at least 2 sec.
PQLS OFF	When flow control is turned OFF	Lights at least 2 sec.
WRITING CONFIG	During writing of Config ROM data	Lights at least 2 sec.
MODEL ID ERROR	When a MODEL ID error is generated	Lights at least 2 sec.
CONFIG ERROR	When a Config ROM data error is generated	Lights at least 2 sec.

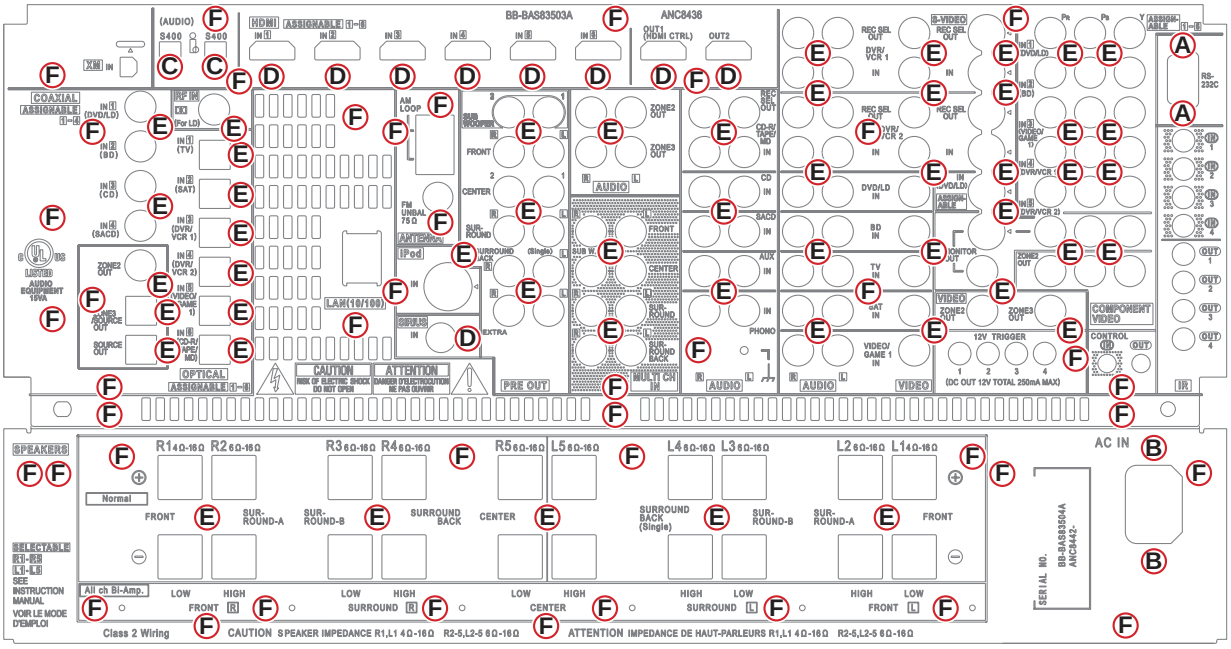
[Descriptions]

LINK CHECK : New equipment has been added in the i.Link path, or equipment has been removed from the i.Link path.
BUS FULL : As the i.Link bus is busy, this unit cannot receive a signal via the i.Link.
NO SIGNAL : Although the assigned equipment supports AV/C protocols, an output plug is not connected.
CANNOT LINK1 : Data transmission between the assigned equipment and this unit becomes unstable. Communication (Mercury) error.
CANNOT LINK2 : The i.Link could not be established, as the assigned equipment does not support AV/C protocols.
DB ERROR : The database could not be cleared properly, even though the corresponding two keys were simultaneously pressed.
LOOP CONNECT : The i.Link connection is looped.
PQLS ON : As one player is connected to this unit, flow control becomes available. This indication is displayed only when the number of players connected to this unit goes from multiple to single.
PQLS OFF : As multiple players are connected to this unit, flow control becomes unavailable. This indication is displayed only when the number of players connected to this unit goes from single to multiple.
WRITING CONFIG : The Config-ROM data writing starts when the unit is turned on for the first time after a new host board has been installed in this unit.
MODEL ID ERROR : The model ID stored in the flash memory on the host board and that stored in this unit are different.
CONFIG ERROR : This error is generated when the unit is turned off while the Config ROM data are being written to the flash memory.

5 6 7 8

7. DISASSEMBLY

The screws which is used in rear part (reference information)



(A) ABA7078 	(B) CBZ30P080FTB 	(C) PCZ26P060FTB 	(D) PMZ30P060FTB 
(E) VPZ30P100FTB 	(F) BBT30P060FTB 		

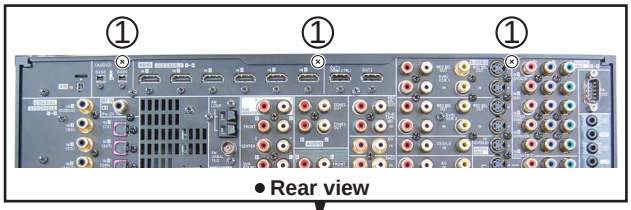
Note 1: Even if the unit shown in the photos and illustrations in this manual may differ from your product, the procedures described here are common.
Note 2: For performing the diagnosis shown below, the following jigs for service are required:
• Extension jig cables :
For HDMI [(2P)GGD1545, (5P)GGD1546, (18P)GGD1547], For ICEPOWER [(15P)GGD1548, (9P)GGD1549, (2P)GGD1550, (24P FFC)GGD1551, (7P)GGD1552, (4P+3P)GGD1553, (12P+3P)GGD1554]

Diagnosis

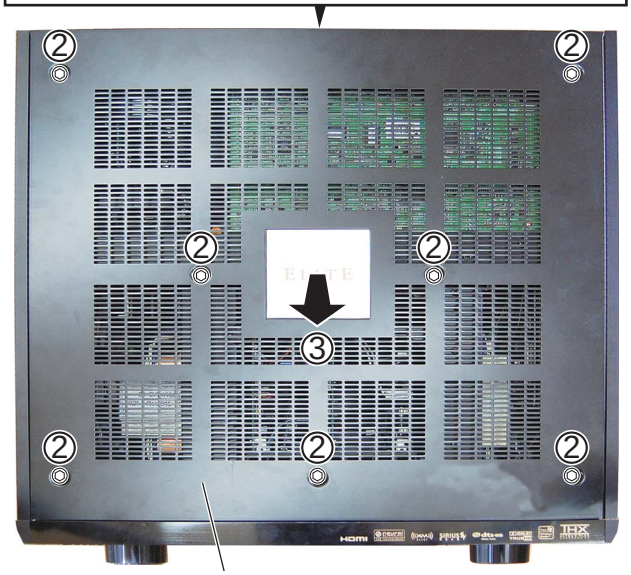
1 Exterior Section

● Top plate B

① Remove the three screws.
② Remove the seven hex. screws (+ washer).
③ Remove the top plate B.



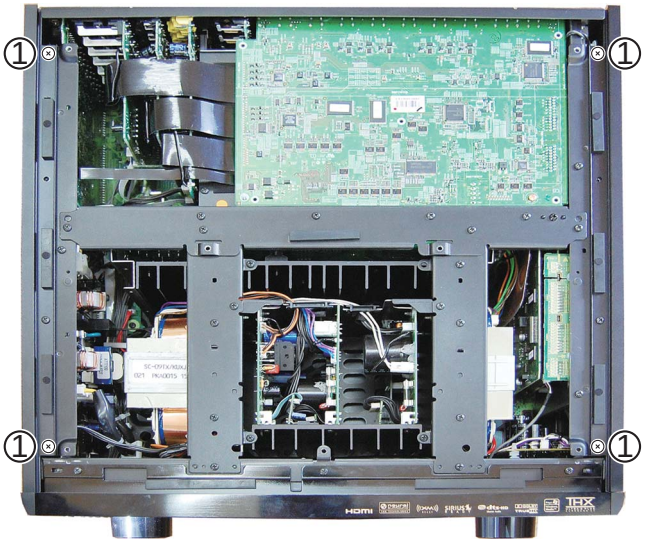
● Rear view



Top plate B

● Side panel BU and BL

① Remove the four screws.

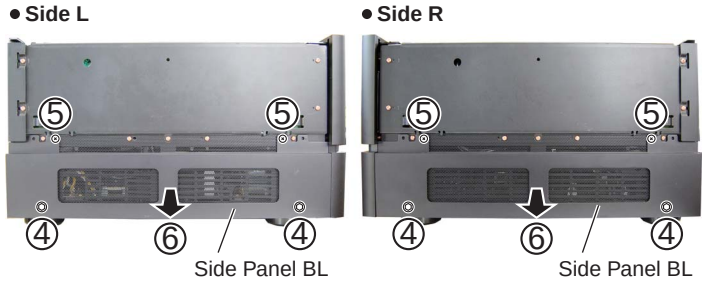


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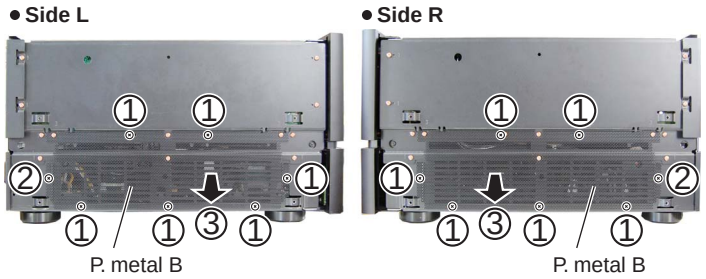
② Remove the four hex. screws.
③ Remove the two side panels BU.



④ Remove the four hex. screws.
⑤ Remove the four screws.
⑥ Remove the two side panels BL.



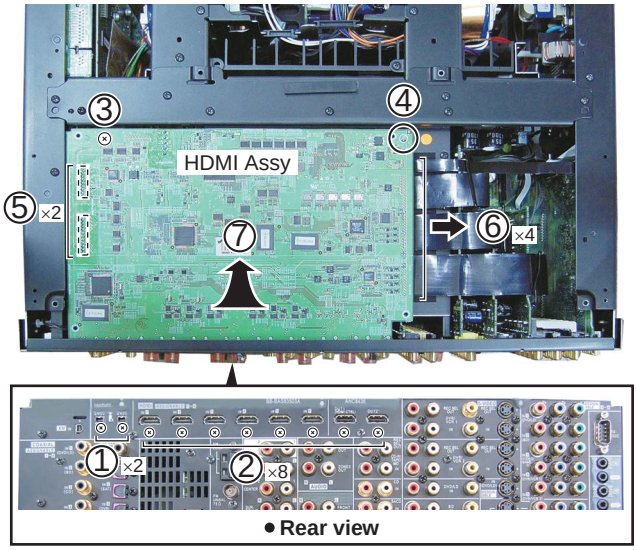
● P. metal B
① Remove the 12 screws.
② Remove the two screws (+ washer).
③ Remove the two P. metals B.



2 HDMI Assy

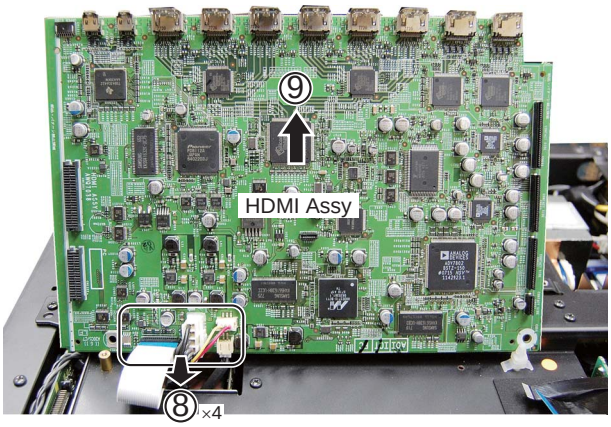
● **HDMI Assy**

① Remove the two screws.
② Remove the eight screws.
③ Remove the one screw.
④ Release the locking card spacer.
⑤ Disconnect the two board connectors.
⑥ Disconnect the four flexible cables.
⑦ Stand the HDMI Assy.



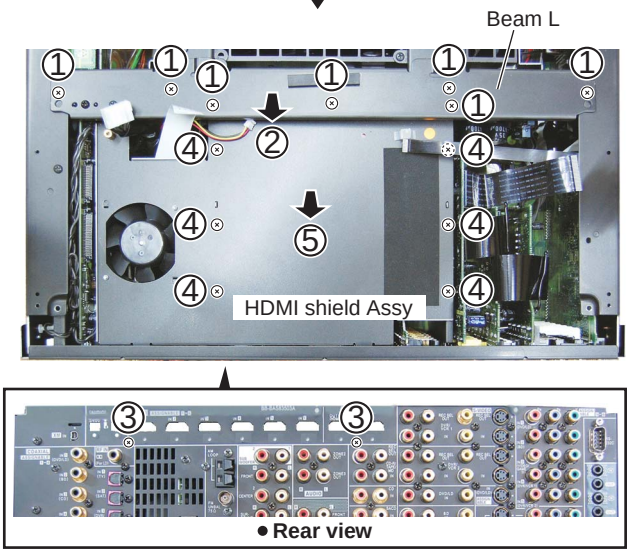
● **Rear view**

⑧ Disconnect the one flexible cable and three connectors.
⑨ Remove the HDMI Assy.



● **HDMI shield Assy and beam L**

① Remove the seven screws.
② Remove the beam L.
③ Remove the two screws.
④ Remove the six screws.
⑤ Remove the HDMI shield Assy.

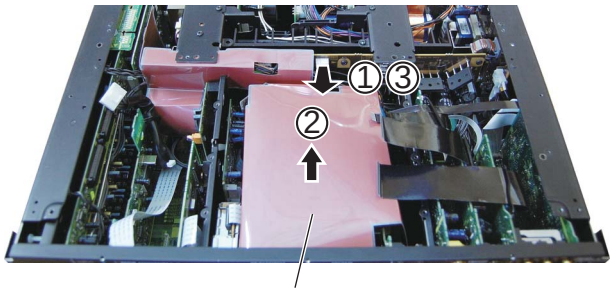


● **Rear view**

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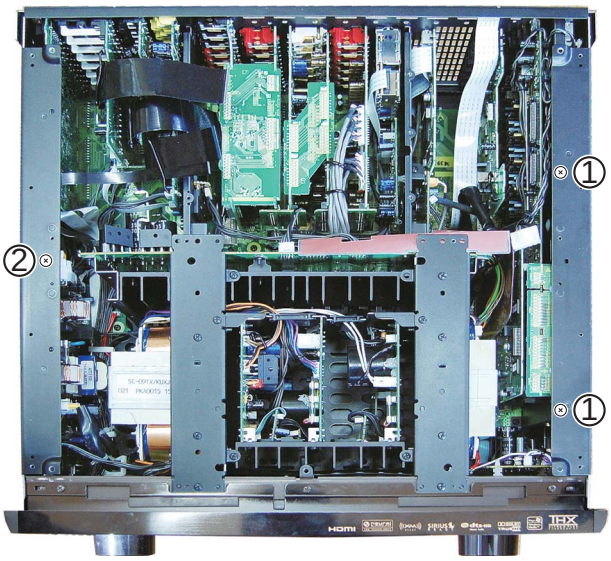
● **Shield sheet A**

① Disconnect the one connector.
② Remove the shield sheet A.
③ Reconnect the connector.

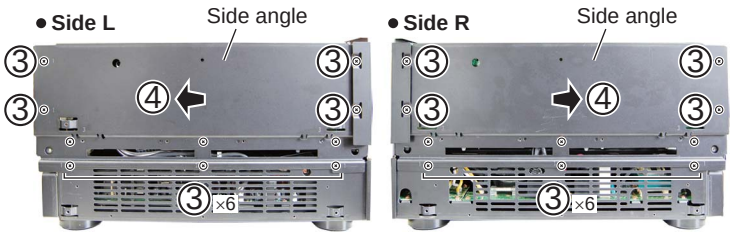


● **Side angle**

① Remove the two screws.
② Remove the one screw.



③ Remove the 20 screws.
④ Remove the two side angles.



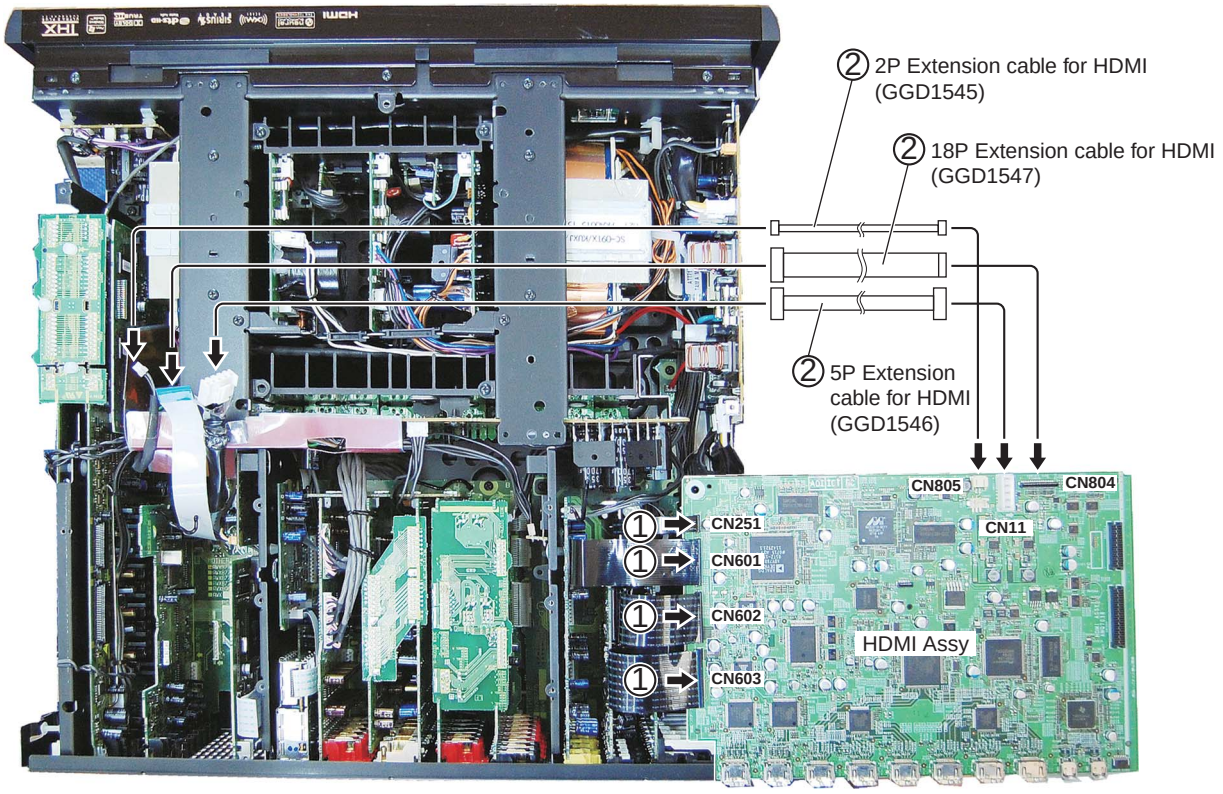
3 Diagnosis

● **Connection of the HDMI Assy**

① Connect the four flexible cables.

② Connect the three extension jig cables.

GGD1546 (HDMI Assy CN11 <=> DD HDMI Assy CN4502) (5P)
GGD1547 (HDMI Assy CN804 <=> MOTHER 1 Assy CN8012) (18P)
GGD1545 (HDMI Assy CN805 <=> PRIMARY Assy CN4007) (2P)



Diagnosis

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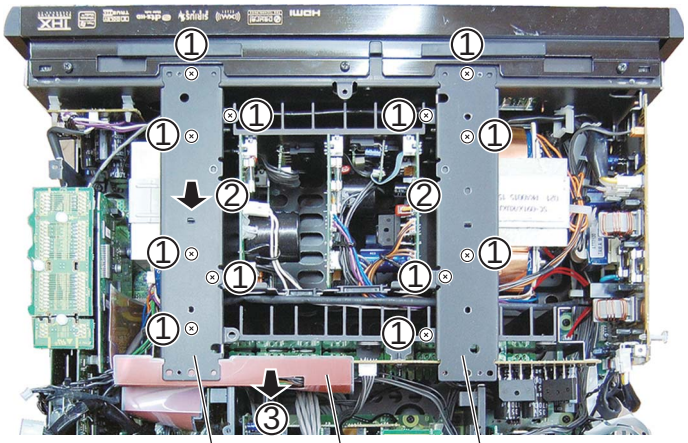
Disassembly

1 Main Chassis Section

1. Remove the exterior section. (See “Diagnosis 1” .)
2. Remove the HDMI Assy. (See “Diagnosis 2” .)

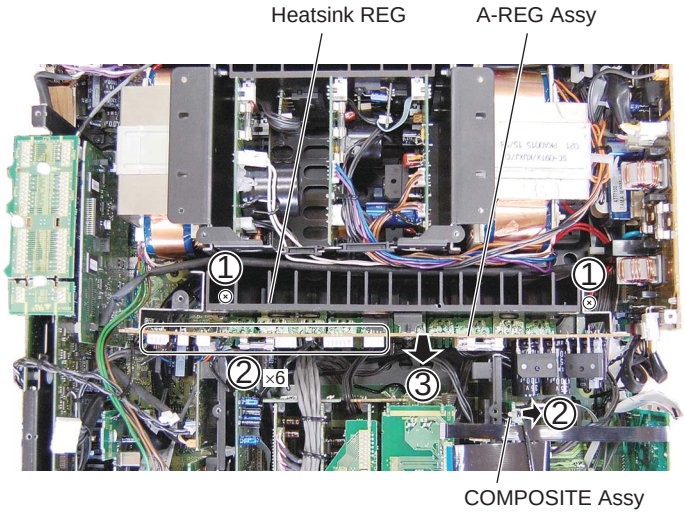
● Beam S

① Remove the 12 screws.
② Remove the two beams S.
③ Remove the shield sheet B.

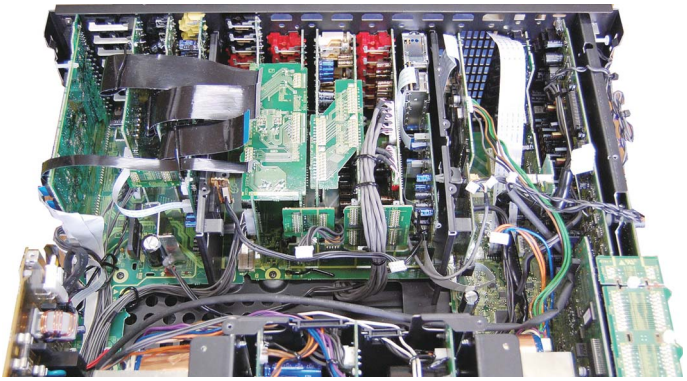


● A-REG Assy

① Remove the two screws.
② Disconnect the seven connectors.
③ Remove the A-REG Assy with heatsink REG.



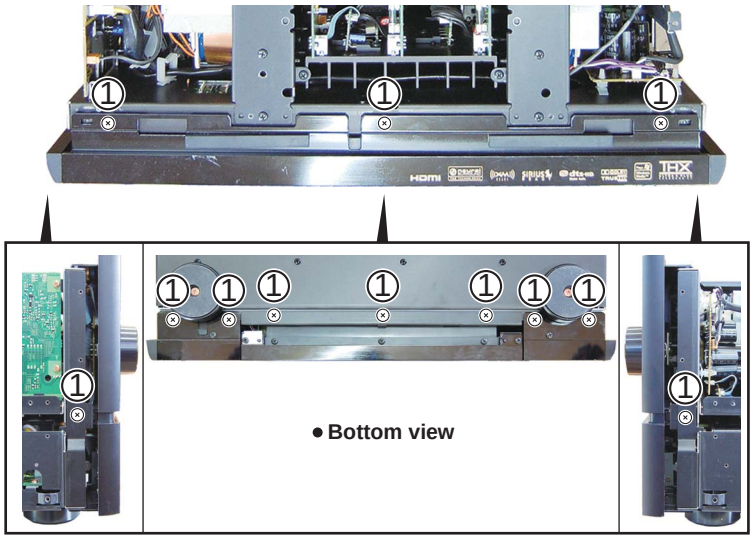
Exchange of PCB



2 Front Section

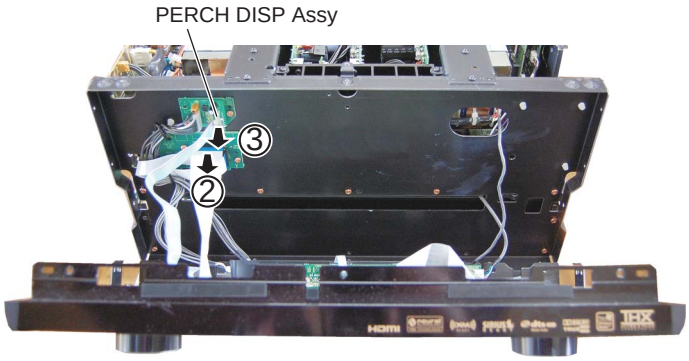
❶ Remove the exterior section. (See “Diagnosis 1” .)

① Remove the 12 screws.



② Disconnect the one flexible cable.

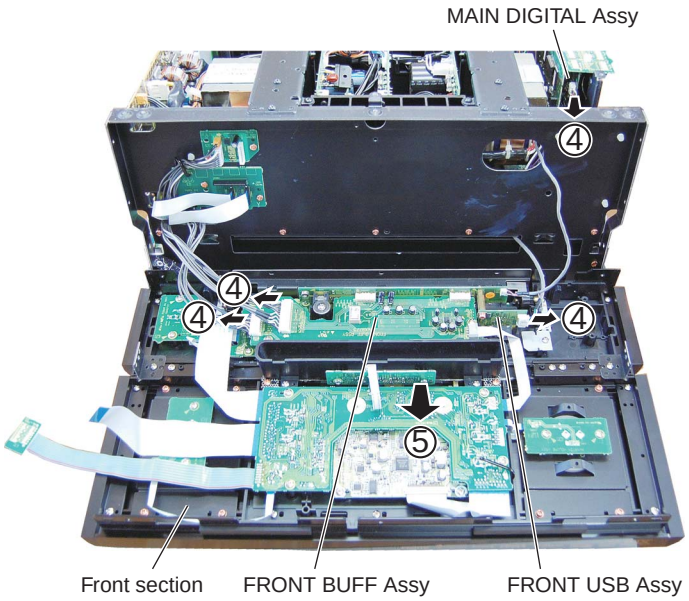
③ Remove the PERCH DISP Assy.



④ Disconnect the four connectors.

⑤ Remove the front section.

Exchange of PCB

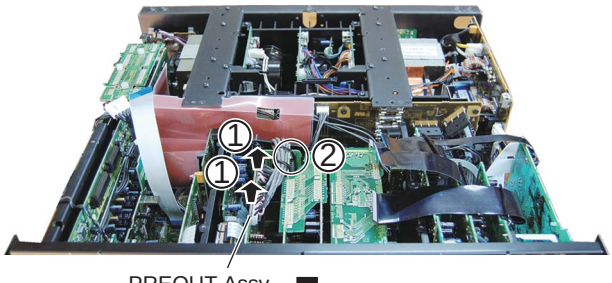


3 Power Amplifier Section

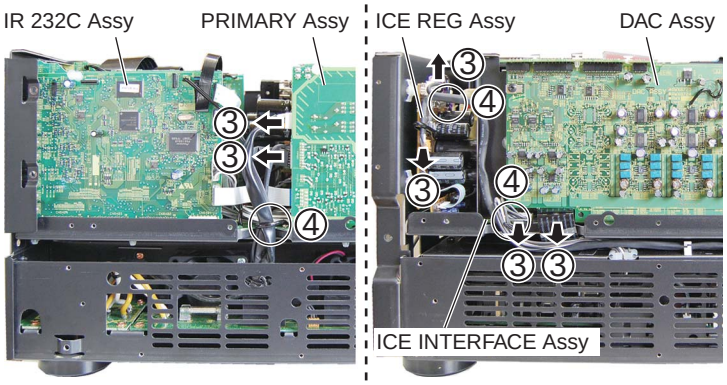
1. Remove the exterior section. (See “Diagnosis 1” .)
2. Remove the HDMI Assy. (See “Diagnosis 2” .)
3. Remove the Front section. (See “Disassembly 2” .)

---

① Disconnect the two connectors.
② Release the jumper wire.

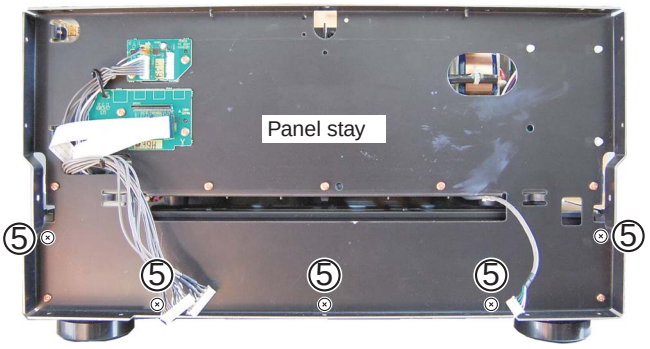


③ Disconnect the one flexible cable and five connectors.
④ Release the three jumper wires.

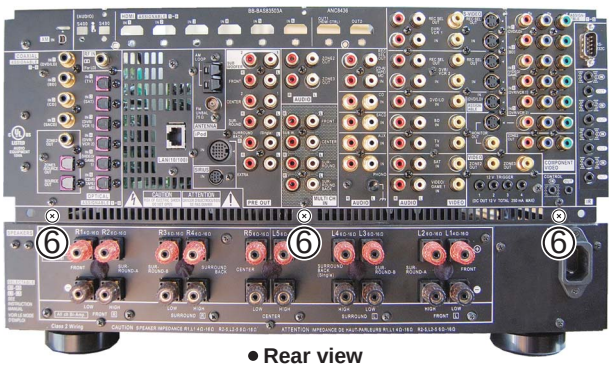


● Side L ● Side R

⑤ Remove the five screws.



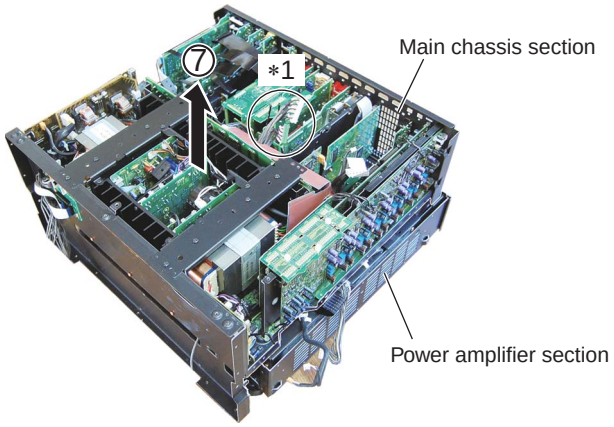
⑥ Remove the three screws.



● Rear view

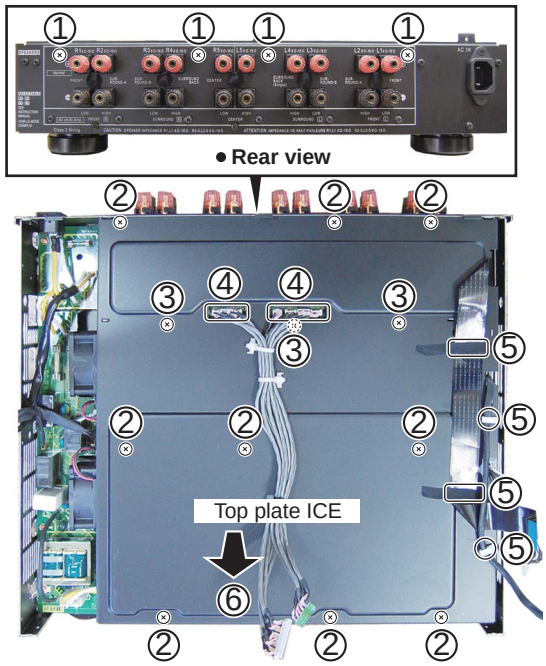
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⑦ Remove the main chassis section while being careful to jumper wire (∗1).



● Top plate ICE

① Remove the four screws.
② Remove the nine screws.
③ Remove the three screws.
④ Disconnect the two connectors.
⑤ Release the four jumper wires.
⑥ Remove the top plate ICE.

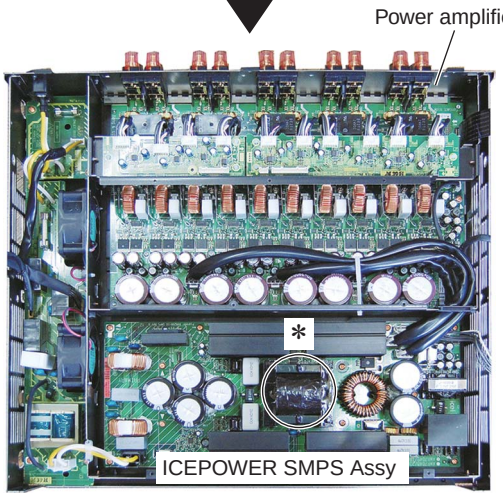


Exchange of PCB

Notes on replacement of the ICEPOWER SMPS Assy

As the transformer mounted on the ICEPOWER SMPS Assy is heavy, when removing this Assy, be sure to grip it by the transformer, as indicated with an asterisk in the photo at right. If you grip it by the board, some chips on the Assy may become dislodged or solder may crack, as the board may be warped under the weight of the transformer.

Also be aware of the hazard of electric shock when working on the SMPS section, as the primary power circuit (high voltage) resides in this section.



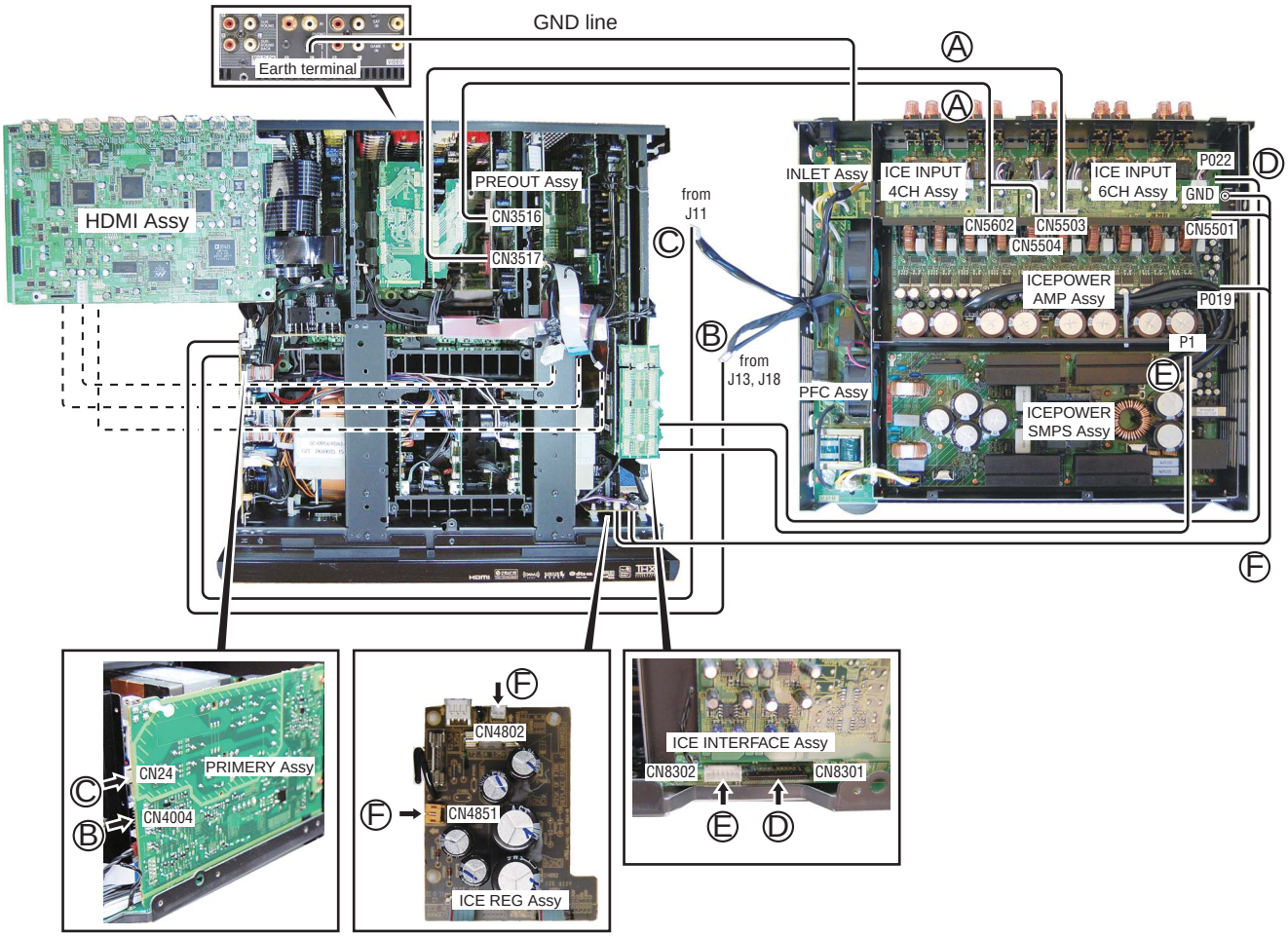
Diagnosis of Power Amplifier Section

Connect the following extension jig cables.

Ⓐ	ICE INPUT 4CH Assy CN5602 (12P) ICE INPUT 6CH Assy CN5504 (3P)	⟷	PREOUT Assy CN3516 (15P) (GGD1554)
Ⓐ	ICE INPUT 6CH Assy CN5503 (15P)	⟷	PREOUT Assy CN3517 (15P) (GGD1548)
Ⓑ	PFC Assy J13 (6P) PFC Assy J18 (3P)	⟷	PRIMARY Assy CN4004 (9P) (GGD1549)
Ⓒ	INLET Assy J11 (2P)	⟷	PRIMARY Assy CN24 (2P) (GGD1550)
Ⓓ	ICEPOWER AMP Assy P022 (24P)	⟷	ICE INTERFACE Assy CN8301 (24P FFC) (GGD1551)
Ⓔ	ICEPOWER SMPS Assy P1 (7P)	⟷	ICE INTERFACE Assy CN8302 (7P) (GGD1552)
Ⓕ	ICE INPUT 6CH Assy CN5501 (7P)	⟷	ICE REG Assy CN4851 (4P)
	(2P)		Chassis GND (1P) (4P+3P) (GGD1553)
	ICEPOWER AMP Assy P019 (5P)	⟷	ICE REG Assy CN4802 (3P)

● Power amplifier Section Rear panel ⟷ GND line ⟷ Main chassis Section Earth terminal on Rear panel

* Connect 1F (Power amplifier Section) and 2F (Main chassis Section) with a ground by all means.



Diagnosis

8. EACH SETTING AND ADJUSTMENT

8.1 ADJUSTMENT

• There is no information to be shown in this chapter.

8.2 HOW TO UPDATE THE DSP FLASH ROM BY PLAYING BACK A CD

[Purpose]

By referring to this section, rewrite the DSP Flash ROM when required. Rewriting is instructed through service information, etc.
By playing back a CD-R on which a DSP program is recorded, using a normal CD player, rewriting is possible.

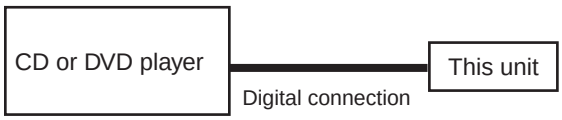
[Tools to be used]

Please use DVD player based on MTK system (DV-270, 370, 373, 575K, 280, 380, 383, etc.) ,Mitsubishi system (DV-59AVi, 868AVi, S969AVi, 668AVi, etc.) or Fujitsu system (DV-343, 444, 545, etc.) DO NOT use DVD player based on ST system (DV-353, 454, 250, 400, 555K, 260, 363, 464, 466, 563, etc.) The factory confirmed that DVD players based on ST system cannot send the correct data to the VSX unit using the update disc.
You can check the base system of our DVD players on the firmware version list at PSN web (Niis)

• Coaxial cable or Optical cable
• Update disc (CD-R disc)

[Connections]

Connect this unit and a player, as shown in the figure below.



[Preparations]

Burn the DSP flash ROM firmware (.wav file) to a CD-R disc using commercially available burning software.
It is necessary to select the writing format to "For music player", not "For PC data".
Note:
Depending on a burning software, data on a CD-R may not be worked for updating the DSP flash ROM.
If the HDMI indicator does not flash when playing back a update disc by following procedure 5, the disc is not able to use for updating.
Burn the DSP flash ROM firmware to a CD-R disc, using other burning software. (The burning software that operation check is finished: Record Now !)

[Note]

• Do NOT disconnect the AC cords of this unit nor the CD/DVD player while rewriting is in progress.

• The "OK" indication displayed after updating means the checksum on the flash ROM is OK.
If the "OK" indication is not displayed, updating has not been completed.

Note that confirmation with audio check or version check is insufficient for checking if updating has been completed.
If you set the unit to STANDBY OFF without confirming of "OK" indication on the FL display, be sure to perform the updating procedures again.

[Procedures]

1. Check the versions of the DSP and microcomputer.
   Check the versions by referring to "Version screen" in "6.1 SERVICE MODE."

2. Connect a CD or DVD player.
   (1) Connect the CD or DVD player to be used for updating to any digital input connector of this unit.
   (2) With the INPUT SELECTOR, select the input being used.

3. Check if the digital signal is locked (received).
   (1) Play back a stream for updating with the player.
   (2) Set the receiver to normal setting, "Signal Select" to Auto, then check the SIGSEL item of AUDIO INPUT screen on the STATUS display whether the input is set to Auto and Digital. (SIGSEL: AUTO [DIGITAL])

4. Start up this unit in writing mode.
   (1) Relocate the CD playback starting point to the beginning (time: 0:00) of the track No and pause playback.
   (2) Set the volume of the receiver to - ∞ dB and set the receiver to STANDBY OFF.
   (3) Press the ENTER key and the ZONE 2 (MULTI-ZONE CONTROL) key simultaneously for several seconds.
   (4) Press "⬇" key until it enters the predetermined mode.
   When DSP1 is downloaded:
   Display: DSP1 DOWNLOAD [START?] → Press the Enter key. → Display: DSP1 DOWNLOAD [GO ON]
   When DSP3 is downloaded:
   Display: DSP3 DOWNLOAD [START?] → Press the Enter key. → Display: DSP3 DOWNLOAD [GO ON]

5. Play back the track on CD disc.
   (1) Release Pause mode of the player and play back the track where the DSP program stream signal to be burned is stored.
   (2) After 5 to 10 seconds, the HDMI indicator starts flashing. Be sure to check that it is flashing.
   (3) Flashing indicates that a correct stream is being received and that updating is in progress.

   Note: Do NOT turn off the unit while the HDMI indicator is flashing. If the unit is turned off, be sure to go back to Step 4. (As the Flash ROM goes into unusual status if the power is off during rewriting, the unit may not start properly.) Even in such a case, you can restore the unit by performing Steps 4 to 7.

6. Wait until rewriting is completed.
   (1) Basically, wait until "OK" is displayed on the LCD screen. It takes about several minutes for updating DSP1 or DSP3.
   (2) After confirming that "OK" is displayed, stop or pause the player then turn off the power of the Player and the Receiver after 5 seconds.

7. Check the version of the program after updating.
   (1) Check the version by pressing and holding the ENTER key and ZONE 2 (MULTI-ZONE CONTROL) key simultaneously for several seconds.
   (2) Check the downloaded version with the LCD screen.
   DSP1 : *.***
   DSP3 : *.***
   (3) For confirmation, check basic operations.

■ Troubleshooting of DSP FLASH ROM UPDATE

Symptoms	Items to be checked
The HDMI indicator does not start flashing, and 10 seconds or more has elapsed after a updating stream is input.	Is DSP writing mode entered? (Simultaneously press and hold the ENTER and ZONE 2 keys.)
	Is DIR locked? → You can check this on the Signal Select indicator if the input is set to Auto and Digital. If DIR is not locked, check the input function and digital connections between the player and this unit.
	Is the stream (Track No., etc.) being played back correct?
	Are compressed audio signals, such as WMA, being input when or after writing mode is entered ? → As soon as the compressed audio signals are input, writing mode is exited. It is recommended that playback be paused at the beginning of the track of a updating stream then writing mode is entered by simultaneous pressing of the keys. Release Pause mode after entering of writing mode is confirmed.
Writing mode is not entered upon simultaneous pressing of the ENTER and ZONE 2 keys.	Is the volume control of the receiver set to -∞ dB? If not, set it to -∞ dB (- - -).
	Reset the receiver then enter writing mode. **Note:** All the user data stored in the receiver are cleared when the receiver is reset.
"OK" is not displayed.	Is the track played back from the beginning to the end? → With the receiver in writing mode, be sure to play back the stream track twice.
	If an error is generated because any scratches on the disc, "OK" is not displayed. → In such a case, play back the same stream stored on another track as backup.

8.3 HOW TO UPDATE THE FLASH ROMS FOR VARIOUS MICROCOMPUTERS

■ MAIN, EVENT, DISPLAY, NEW ITEM, DSP and HDMI microcomputers

[Purpose]

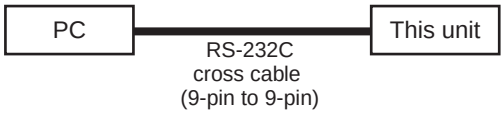
Refer to this section when updating of a Flash ROM is required by the service information, etc.

[Tools to be used]

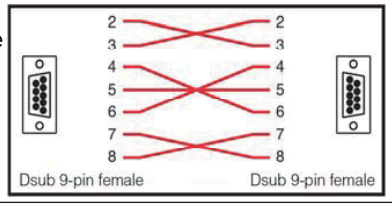
- PC with a serial port
- RS-232C cable (9-pin to 9-pin, cross)
- Firmware ("mot" extension)
- Program for updating (ufu.exe: ver. 1.08)

[Connections] (MAIN microcomputer) (DSP microcomputer)
(EVENT microcomputer) (HDMI microcomputer)
(DISPLAY microcomputer)
(NEW ITEM microcomputer)

Connect as indicated in the figure right:



Pin-out diagram of
RS-232C cross cable



[Note]

Do NOT disconnect the AC power cords of this unit nor the PC.

[Procedures]

1. Turn off the power to this unit by setting the main volume level to "---dB" and Multi-Zone to "OFF".
2. Connect the 232C interlink cable and the PC, as indicated in "Connections".
3. Simultaneously press and hold the ENTER and ZONE 2 keys for about 5 seconds.
4. Turn the power ON at SERVICE mode.
5. (MAIN microcomputer)
   Press ⬇ key and select "MAIN DOWNLOAD [START?]" display.
   Press ENTER key and set to "MAIN DOWNLOAD [GO ON]".

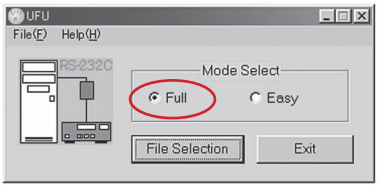
   (EVENT microcomputer)
   Press ⬇ key and select "EVNT DOWNLOAD [START?]" display.
   Press ENTER key and set to "EVNT DOWNLOAD [GO ON]".

   (DISPLAY microcomputer)
   Press ⬇ key and select "DISP DOWNLOAD [START?]" display.
   Press ENTER key and set to "DISP DOWNLOAD [GO ON]".

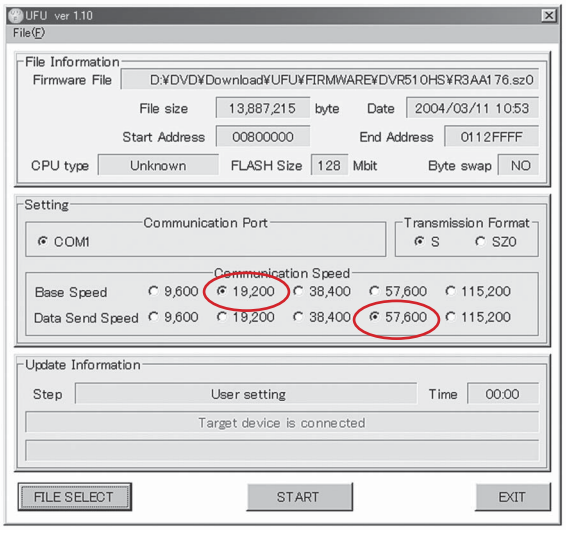
   (NEW ITEM microcomputer)
   Press ⬇ key and select "ITEM DOWNLOAD [START?]" display.
   Press ENTER key and set to "ITEM DOWNLOAD [GO ON]".

   (DSP microcomputer)
   Press ⬇ key and select "DSPM DOWNLOAD [START?]" display.
   Press ENTER key and set to "DSPM DOWNLOAD [GO ON]".

   (HDMI microcomputer)
   Press ⬇ key and select "HDMI DOWNLOAD [START?]" display.
   Press ENTER key and set to "HDMI DOWNLOAD [GO ON]".
6. Double-click on "ufu.exe".
7. Check that "Full" is selected in Mode Select.
8. Select the firmware file with "mot" extension.
9. Select the communication speed.
   - Base speed: 19200
   - Data Send Speed: 57600
10. Click on "START" button.
11. "Completed" is displayed in the"ufu.exe" window.
12. Check the version.
    Following the procedures described in "VERSION screen" in "6.1 SERVICE MODE," check that the version has been changed to a new one.
13. Initialize the memory in the ALL RESET of CONTROL PANEL mode after the updating is completed.
    (Refer to the section "6.3 CONTROL PANEL MODE.")



Check that "Full" is selected in Mode Select.



Select the communication speed.
- Base Speed: 19200
- Data Send Speed: 57600

8.4 HOW TO UPDATE THE FLASH ROMS FOR USB MODULES

■ How to Update the Firmware of the USB Module

[Purpose]

Referring to this section, rewrite the USB firmware when rewriting is instructed through service information.

[Tools to be used]

- iPod
- Firmware file ("Player.rom" file)

Note: Place the "Player.rom" file for updating in the root directory (top layer) of the iPod.

[Procedures]

OSD

1. Turn down the volume to minimum (- - - dB).
2. Press and hold the [⬆] and [POWER] keys for about 5 sec.

Host preparing for rewriting



3. After about 20 sec., the current firmware version is automatically displayed.
   Note: When this version indication is displayed, the host board is ready. Therefore, do not connect the iPod until this indication is displayed.



4. Connect the iPod.
   The name of the file for updating is always "Player.rom."



5. Counting continues until updating is completed.



6. Updating is completed.
   Turn the power OFF.



[Procedures]

7. Check to make sure that the version has been updated.
   Press and hold the [⬆] and [POWER] keys for about 5 sec.

OSD



8. After about 20 sec., the updated firmware version is
   automatically displayed.



A

B

C

D

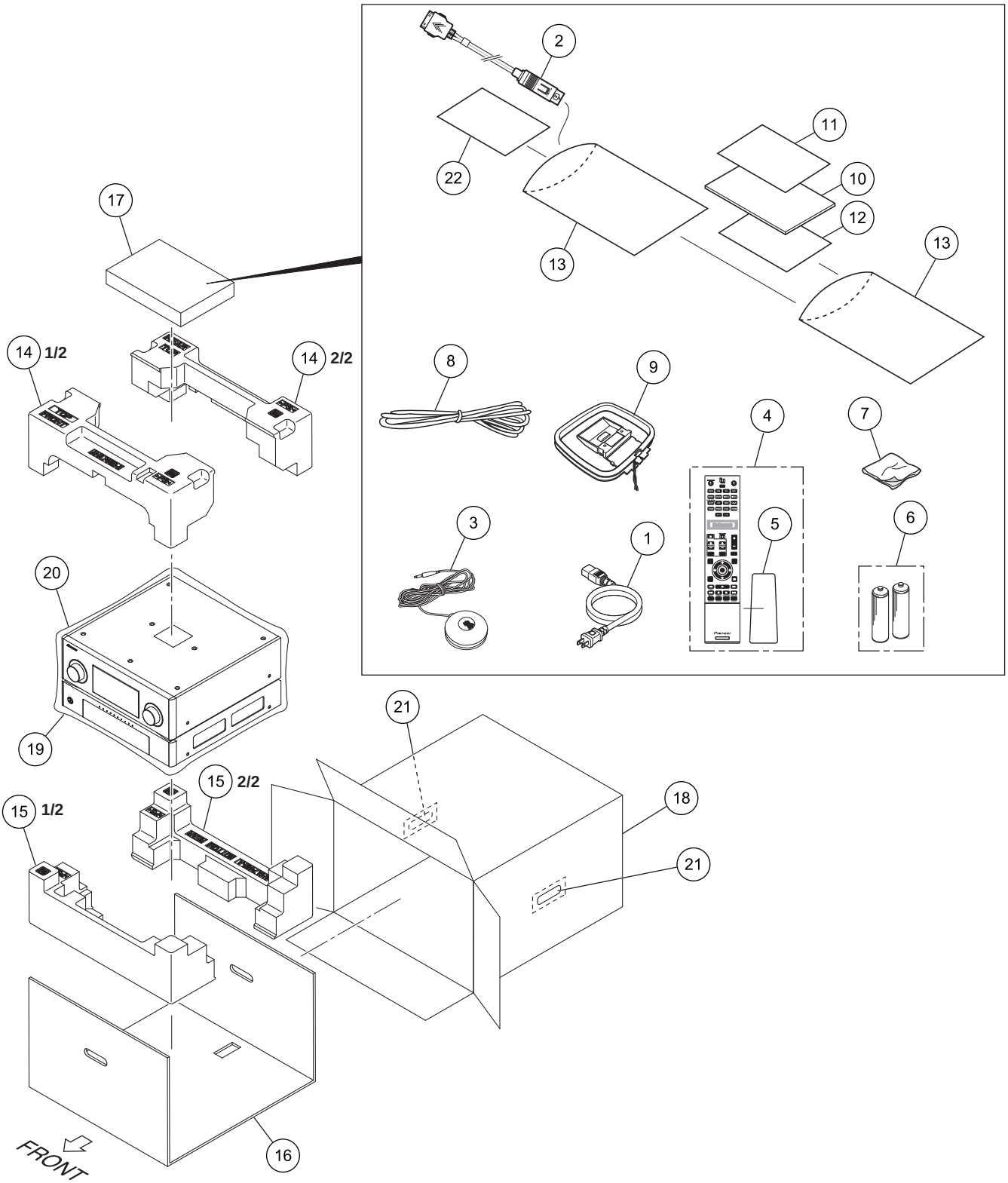
E

F

9. EXPLODED VIEWS AND PARTS LIST

NOTES:
- *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
- *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
- *Screws adjacent to ▼ mark on product are used for disassembly.*
- *For the applying amount of lubricants or glue, follow the instructions in this manual. (In the case of no amount instructions, apply as you think it appropriate.)*

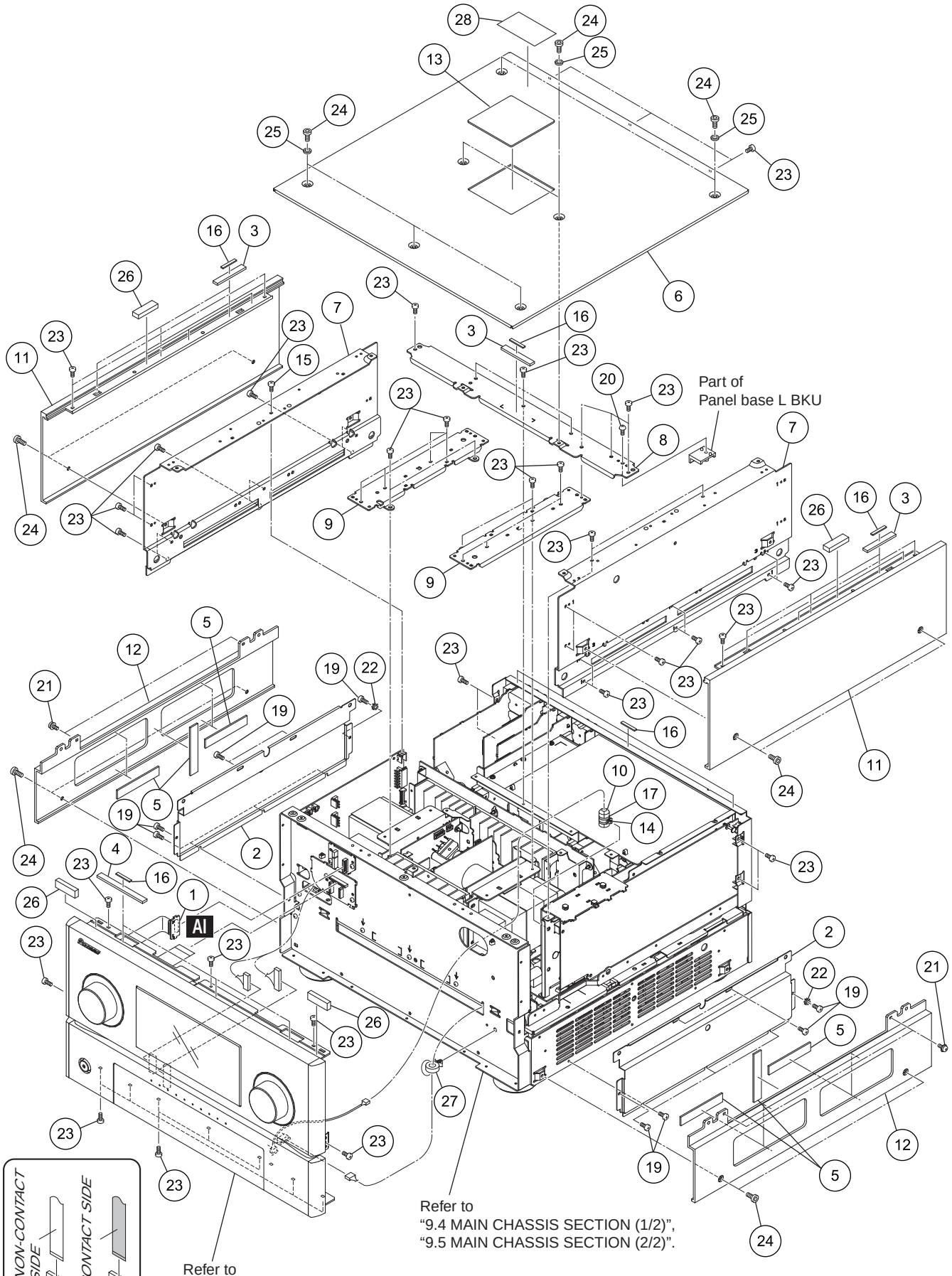
9.1 PACKING SECTION



PACKING SECTION PARTS LIST

Mark	No.	Description	Part No.
⚠	1	Power Cord	ADG7061
	2	iPod Control Cable (30P)	ADE7126
	3	Setup Microphone (5 m)	APM7007
	4	Remote Control Unit	AXD7466
	5	Battery Cover	AZN8031
NSP	6	Dry Cell Battery (R6P, AA)	XEX3001
	7	Wiping Cloth	AED1285
	8	FM Wire Antenna	ADH7030
	9	AM Loop Antenna	ATB7013
	10	Operating Instructions (English)	ARB7385
	11	Caution Sheet SP, E	ARM7056
NSP	12	Warranty Card	ARY7007
NSP	13	Polyethylene Bag (0.06 x 230 x 340)	AHG7117
	14	Top Pad TER	AHA7460
	15	Bottom Pad TER	AHA7461
	16	Spacer TER	AHB7143
	17	Accessory Box TER	AHB7153
	18	Packing Case TER	AHD8506
	19	Packing Sheet TER	AHG7133
	20	Packing Sheet TER NF	AHG7136
	21	Handle Cover	AHX7034
	22	iPod Caution Card	ARM7111

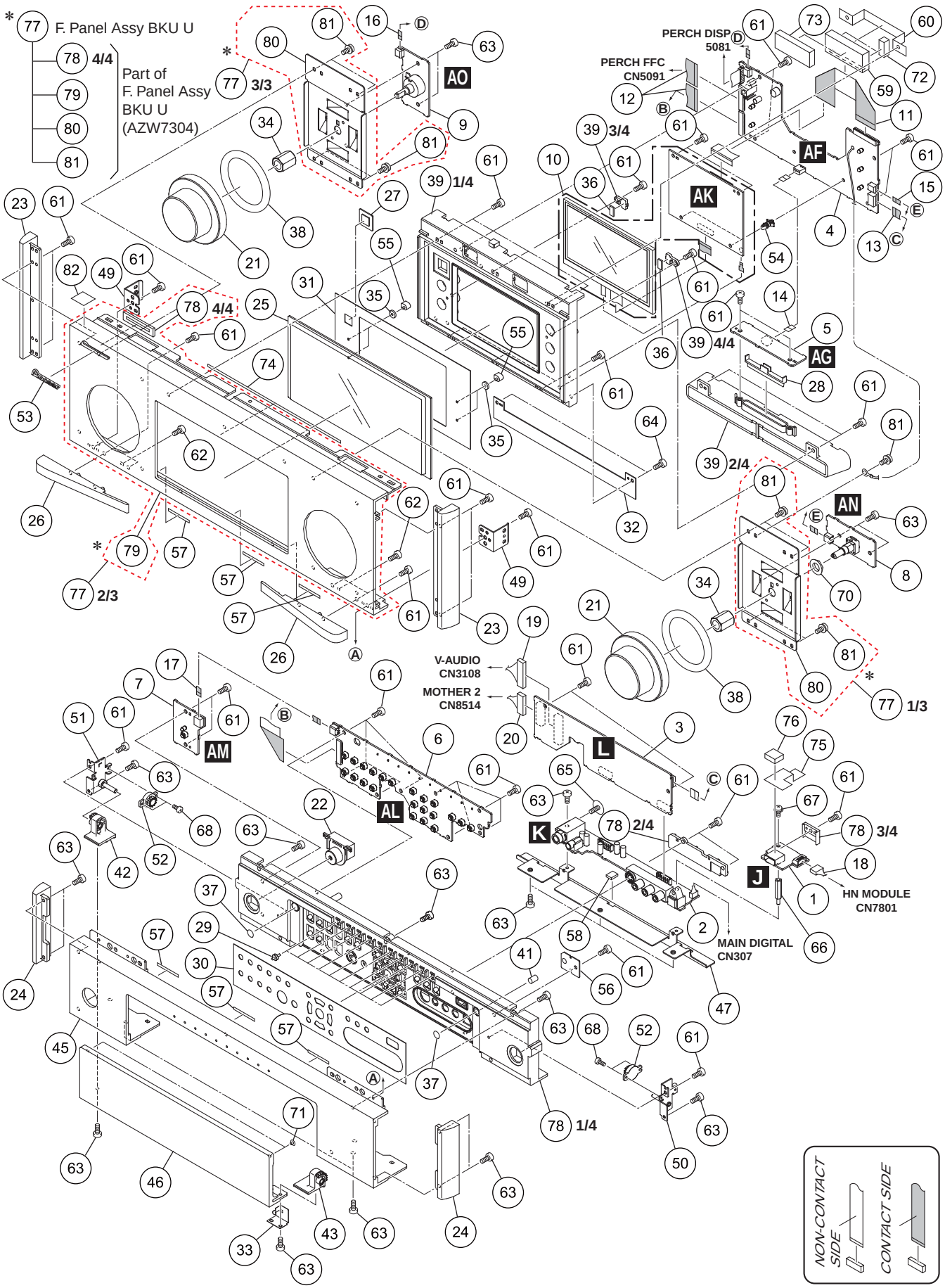
9.2 EXTERIOR SECTION



EXTERIOR SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	PERCH DISP Assy	AWX8783
	2	P. Metal B	AAP7100
	3	Spacer 3.5 x 8 x 50	AEB7381
	4	Spacer 4 x 8 x 80	AEB7386
	5	Cushion 2 x 13.5 x 73	AED7103
	6	Top Plate B	ANE7346
NSP	7	Side Angle	ANG7555
NSP	8	Beam L	ANG7568
NSP	9	Beam S	ANG7574
⚠	10	Ferrite Core (L1948)	ATX7009
	11	Side Panel BU	AAH7126
	12	Side Panel BL	AAH7130
	13	Name Plate BKU	AAH7136
	14	Reuse Band	AEC7584
	15	Screw	ABA7131
	16	Spacer 7 x 45	AED7118
	17	Duct Cushion	AED7115
	18	Screw	BBZ30P080FTB
	19	Screw	BBZ30P060FCC
	20	Screw	VPZ30P100FTB
	21	Screw 3 x 10	ABA7134
	22	Washer	WH30FTC
	23	Screw	BBT30P060FTB
	24	Screw FBN 4 x 10	ABA7143
	25	Washer	WA42D080D050
	26	Gasket (6 x 6 x 25)	ANK7141
⚠	27	Ferrite Core (L1949)	ATX7010
	28	Caution Label TER KU	ARW7371

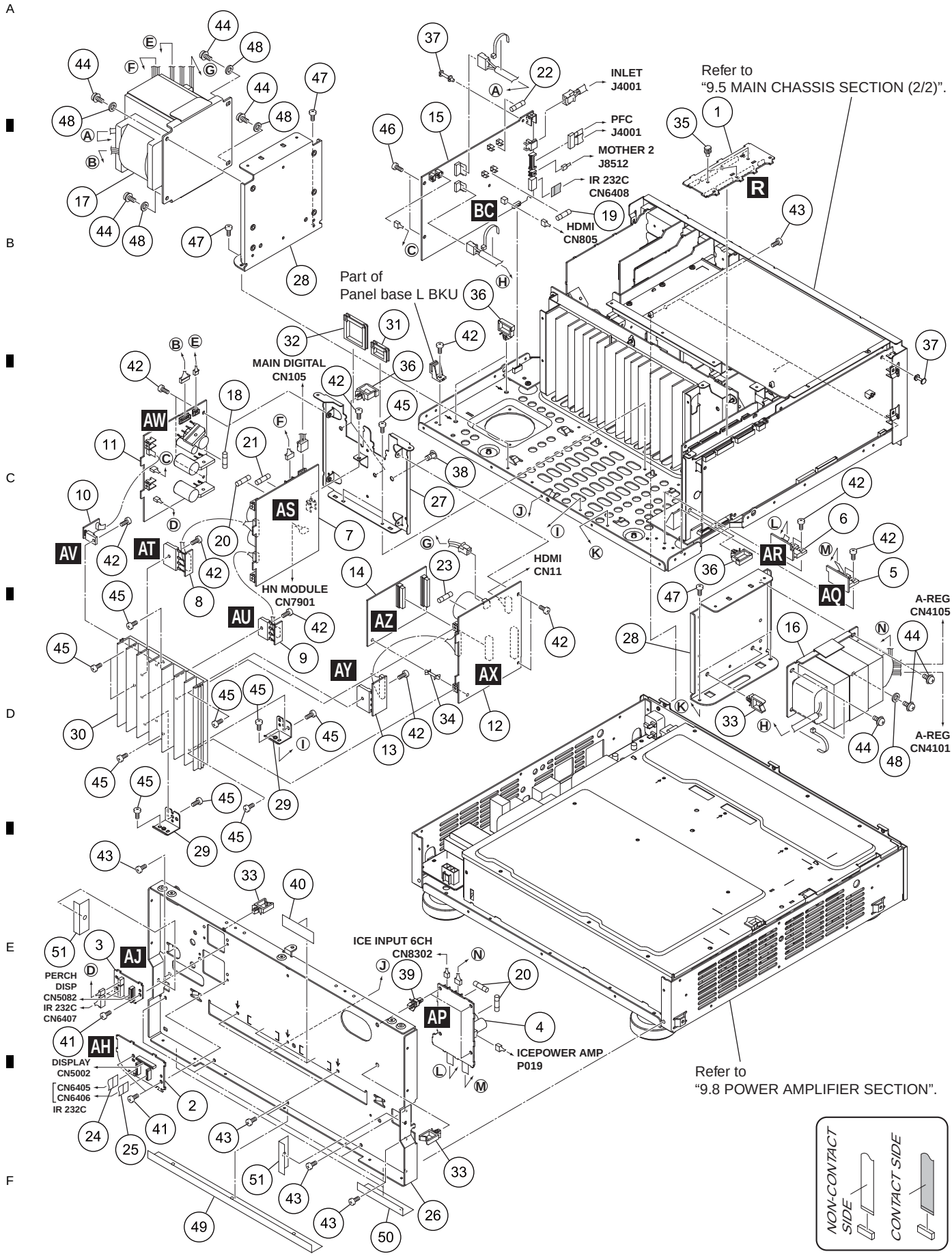
9.3 FRONT SECTION



FRONT SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	FRONT USB Assy	AWX8781
	2	FRONT INPUT Assy	AWX8774
	3	FRONT BUFF Assy	AWX8775
	4	DISPLAY Assy	AWX8777
	5	ICEBLUE Assy	AWX8780
	6	TACT Assy	AWX8730
	7	POWER SW Assy	AWX8755
	8	VOL ENCODER Assy	AWX8754
	9	FUNC ENCODER Assy	AWX8753
	10	5.1 TFT Module	AWV7006
	11	28P FFC (J1913)	ADD7557
	12	26P FFC (J1914, J1915)	ADD7558
	13	7P FFC (J1916)	ADD7562
	14	4P FFC (J1917)	ADD7629
	15	3P FFC (J1918)	ADD7630
	16	3P FFC (J1919)	ADD7631
	17	4P FFC (J1933)	ADD7632
	18	5P Housing Assy (J1934)	ADX7544
	19	15P Housing Assy (J1935)	ADX7645
	20	11P Housing Assy (J1936)	ADX7646
	21	Volume Knob B	AAA7042
	22	STANDBY BTN 915K Assy	XAD3216
	23	Side Sash BU	AAH7119
	24	Side Sash BL	AAH7121
	25	Window	AAK8358
	26	Front Sash B	AAK8361
	27	IR Lens B	AAK8363
	28	Center LED Lens	AAK8365
	29	LED Lens	AAK8367
	30	Door Sheet BKU	AAK8370
	31	Window Sheet BKU	AAK8372
	32	P. Metal Duct B	AAP7101
	33	Earth Spring	ABK7064
	34	Volume Hex. Nut	ABN7004
	35	LED Lens Spacer	AEC7568
	36	LCD Cushion	AED7099
	37	Cushion Circle 8B	AED7101
	38	Volume Cushion	AED7107
	39	Panel Base BU	AMB7946
	40	• • • • •	
	41	Magnet	AMF7010
	42	Door Hinge L	AMR7524
	43	Door Hinge R	AMR7525
	44	• • • • •	
	45	F. Panel BKU L	ANB7409
	46	Door BKU	ANB7407
	47	Earth Plate Door	ANG7571
	48	• • • • •	
NSP	49	HS Angle DC	ANG7577
	50	Gear Holder R Assy	ANG7607
	51	Gear Holder L Assy	ANG7608
	52	Rotary Damper (90)	AXA7155
	53	Pioneer Name Plate B	PAN1376
	54	Circuit Board Spacer	DEC2369
	55	LED Lens	PNW2019
	56	Magnet Cover R5	XNG3075
	57	Cushion 6 x 12	AED7113
	58	Cushion 7 x 7	AED7110
⚠	59	Ferrite Core (L1950)	ATX7011
	60	Ferrite Holder	AEC7610
	61	Screw	BPZ30P080FNI
	62	Screw	BBT30P060FTB
	63	Screw	BBZ30P080FTB
	64	Screw	BBZ30P180FCC
	65	Screw	ABA7110
	66	Hex. Spacer B	ABA7142
	67	Screw 3 x 8	ABA7076
	68	Screw	BSZ20P060FTC
	69	Screw	BBZ30P060FCC
	70	Flange Nut M9	DBN1008
	71	Screw	ABA7144
	72	Ferrite Cushion B	AEB7395
	73	Ferrite Cushion	AED7123
	74	Window Tape	AED7114
	75	Copper Foil Sheet	AMR7543
	76	USB Cushion	AED7122
	77	1..F. Panel Assy BKU U	AZW7304
	78	2..Panel Base L BKU	AMB7948
NSP	79	2..F. Panel BKU U	ANB7411
NSP	80	2..Volume Plate	ANG7573
	81	2..Screw 3 x 8	ABA7076
NSP	82	Energy Star Label	AAX8022

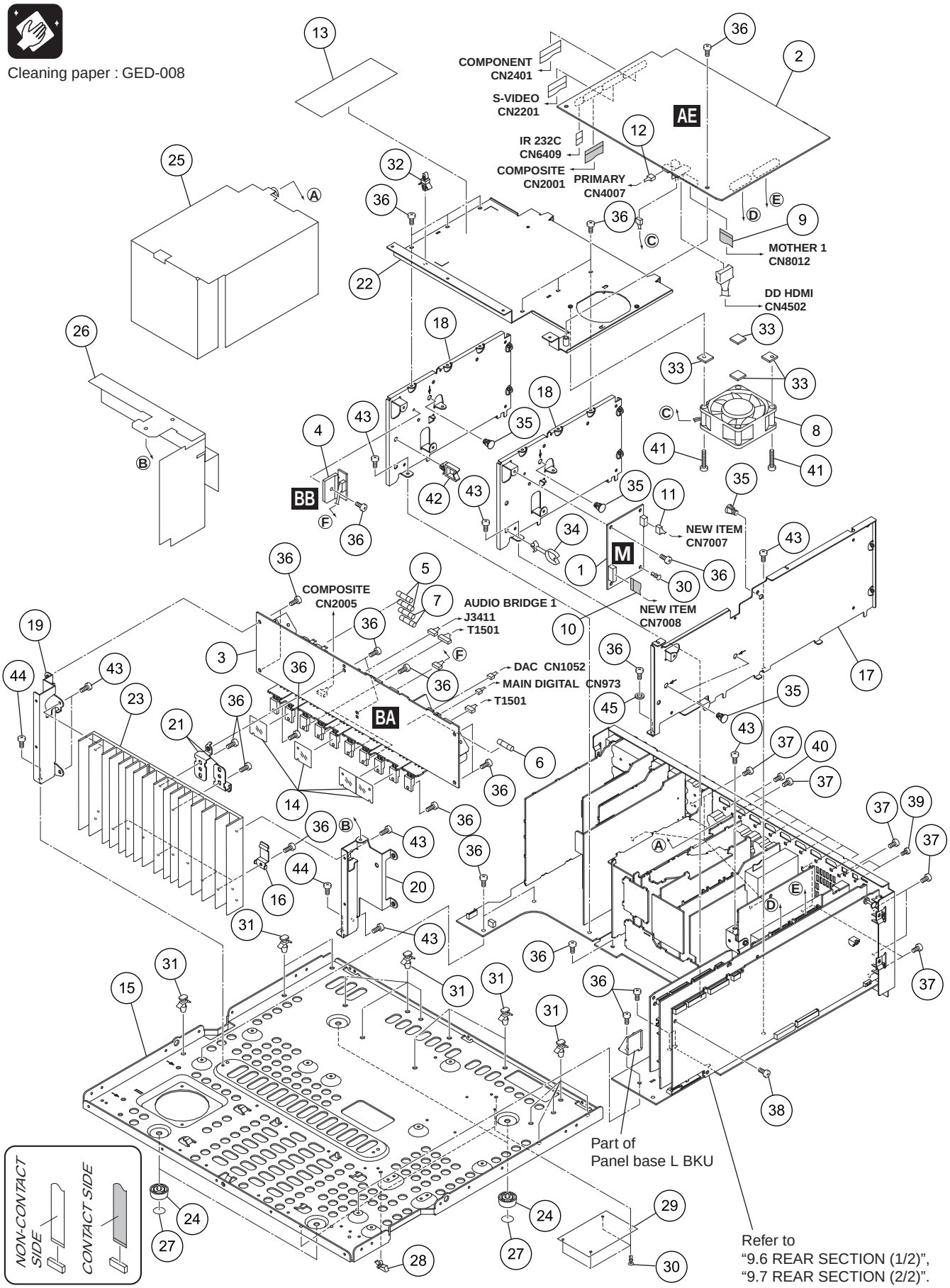
9.4 MAIN CHASSIS SECTION (1/2)



MAIN CHASSIS SECTION (1/2) PARTS LIST

Mark	No.	Description	Part No.
	1	DIGI BRIDGE Assy	AWX8752
	2	PERCH FFC Assy	AWX8782
	3	PERCH PS Assy	AWX8785
	4	ICE REG Assy	AWX8751
	5	ICE 5 Assy	AWX8968
	6	ICE 12 Assy	AWX8969
	7	DD DSP Assy	AWX8748
	8	DSP DIODE Assy	AWX8956
	9	HN DIODE Assy	AWX8958
	10	FAN-12V Assy	AWX8959
	11	DD DISP Assy	AWX8784
	12	DD HDMI Assy	AWX8750
	13	HDMI DIODE Assy	AWX8957
	14	2CH DD Assy	AWX8961
	15	PRIMARY Assy	AWX8756
⚠	16	Power Transformer (T1501)	ATS7411
⚠	17	Power Transformer (T1502)	ATS7414
⚠	18	Fuse (FU4501: 1.6 A)	REK1144
⚠	19	Fuse (FU4: 2 A)	REK1145
⚠	20	Fuse (FU11, 12, 4351: 2.5 A)	REK1146
⚠	21	Fuse (FU4301: 3.15 A)	REK1148
⚠	22	Fuse (FU3: 4 A)	REK1149
⚠	23	Fuse (FU4601: 6 A)	REK1151
	24	14P FFC (J1931)	ADD7592
	25	12P FFC (J1932)	ADD7593
NSP	26	Panel Stay	AND7083
NSP	27	DCDC Angle	ANG7560
NSP	28	Trans. Frame	ANG7561
NSP	29	HS Angle DC	ANG7577
NSP	30	Heatsink DC	ANH7191
	31	Lock Edge Saddle 17L	AEC7585
	32	Lock Edge Saddle 25L	AEC7587
	33	Wire Saddle	AEC7586
	34	PC Support	DEC2736
	35	Card Spacer	AEC7214
	36	Wire Saddle	DEC1450
	37	PCB Spacer	AEC7080
NSP	38	PC Support	VEC1749
	39	Locking Card Spacer	PNW2917
	40	Duct Cushion	AED7115
	41	Screw	BBZ30P060FCC
	42	Screw	BBZ30P080FTB
	43	Screw	BBT30P060FTB
	44	Screw 4 x 12	ABA7109
	45	Screw	BBT30P080FCC
	46	Screw	CBZ30P080FTB
	47	Screw	ABA7101
	48	Washer	WH40FNI
	49	Insulation Sheet A	AEC7606
	50	Insulation Sheet B	AEC7607
	51	Insulation Sheet C	AEC7608

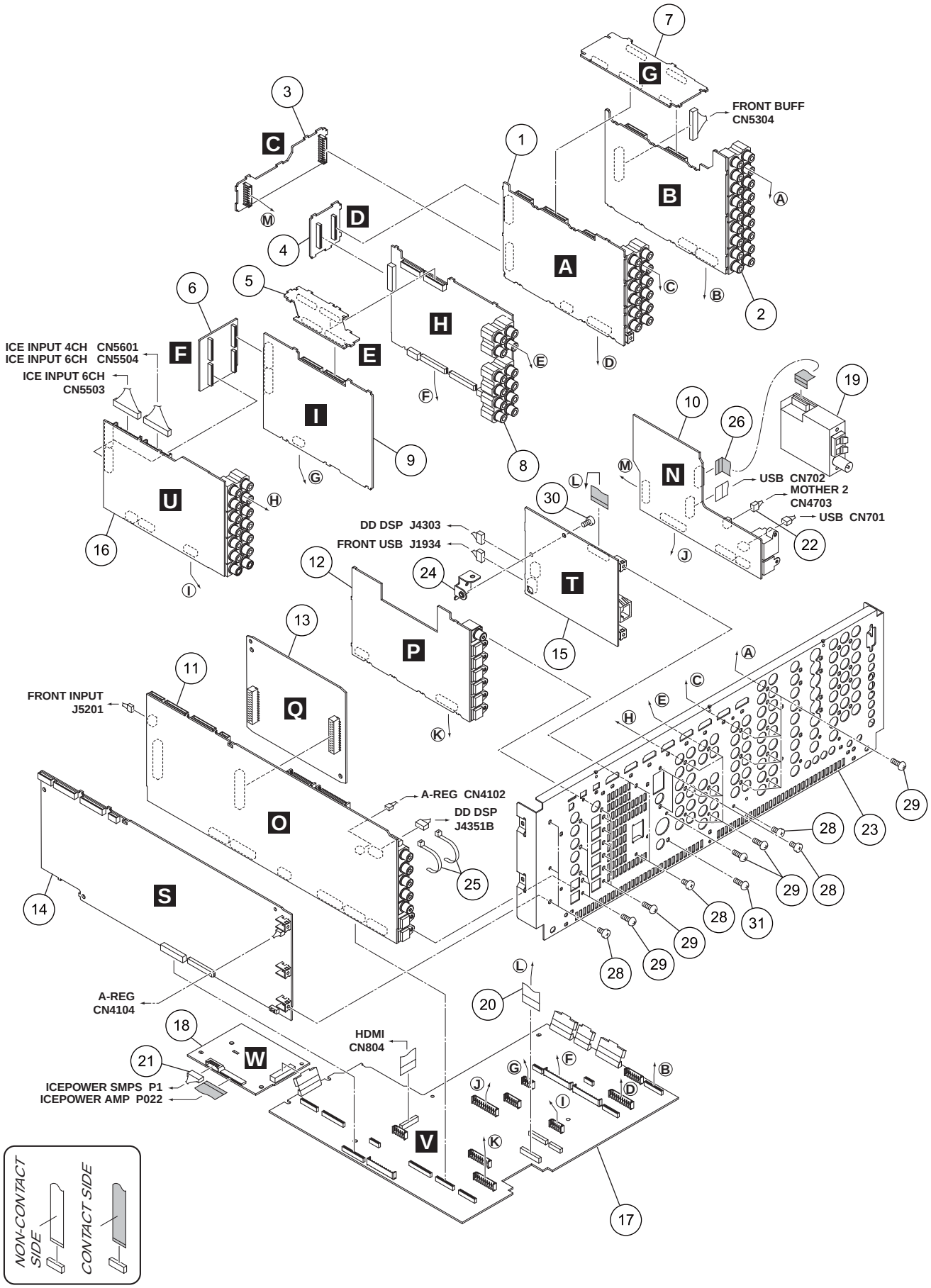
9.5 MAIN CHASSIS SECTION (2/2)



MAIN CHASSIS SECTION (2/2) PARTS LIST

Mark	No.	Description	Part No.
	1	USB Assy	AWX8867
	2	HDMI Assy	AWQ7038
	3	A-REG Assy	AWX8761
	4	DA DIODE Assy	AWX8965
⚠	5	Fuse (FU9, 10: 1.6 A)	REK1144
⚠	6	Fuse (FU6: 2 A)	REK1145
⚠	7	Fuse (FU7, 8: 2.5 A)	REK1146
	8	DC Fan Motor	AXM7035
	9	18P FFC (J1926)	ADD7588
	10	11P FFC (J1922)	ADD7607
	11	4P Housing Assy (J1938)	ADX7561
	12	2P Housing Assy (J1940)	ADX7593
	13	FFC Guard	AED7108
	14	Mica Sheet	AEE7059
NSP	15	Chassis PRE	ANA7195
NSP	16	Transistor Holder	ANG7543
NSP	17	DSP Shield	ANG7562
NSP	18	Video Shield	ANG7563
NSP	19	HS Angle L	ANG7566
NSP	20	HS Angle R	ANG7567
NSP	21	PCB Angle	ANG7603
	22	HDMI Shield Assy	ANG7609
NSP	23	Heatsink REG	ANH7192
	24	Foot H = 8	AEC7570
	25	Shield Sheet A	AMR7537
	26	Shield Sheet B	AMR7538
	27	Cushion Circle 14B	AED7081
NSP	28	Mini Clamp	VEC1597
	29	Wire Hold Sheet	AEC7601
	30	Nylon Rivet	AEC7408
	31	Card Spacer	VEC1708
	32	Locking Card Spacer	PNW2917
	33	Fan Cushion C	AED7120
	34	Harness Lifter	AEC7583
	35	Card Spacer	DNK2769
	36	Screw	BBZ30P080FTB
	37	Screw	BBT30P060FTB
	38	Screw	BBZ30P060FCC
	39	Screw	PCZ26P060FTB
	40	Screw	PMZ30P060FTB
	41	Screw	BBZ30P300FTC
	42	Wire Saddle	AEC7586
	43	Screw	BBT30P080FCC
	44	Screw	ABA7101
	45	Fiber Washer	VEC1254

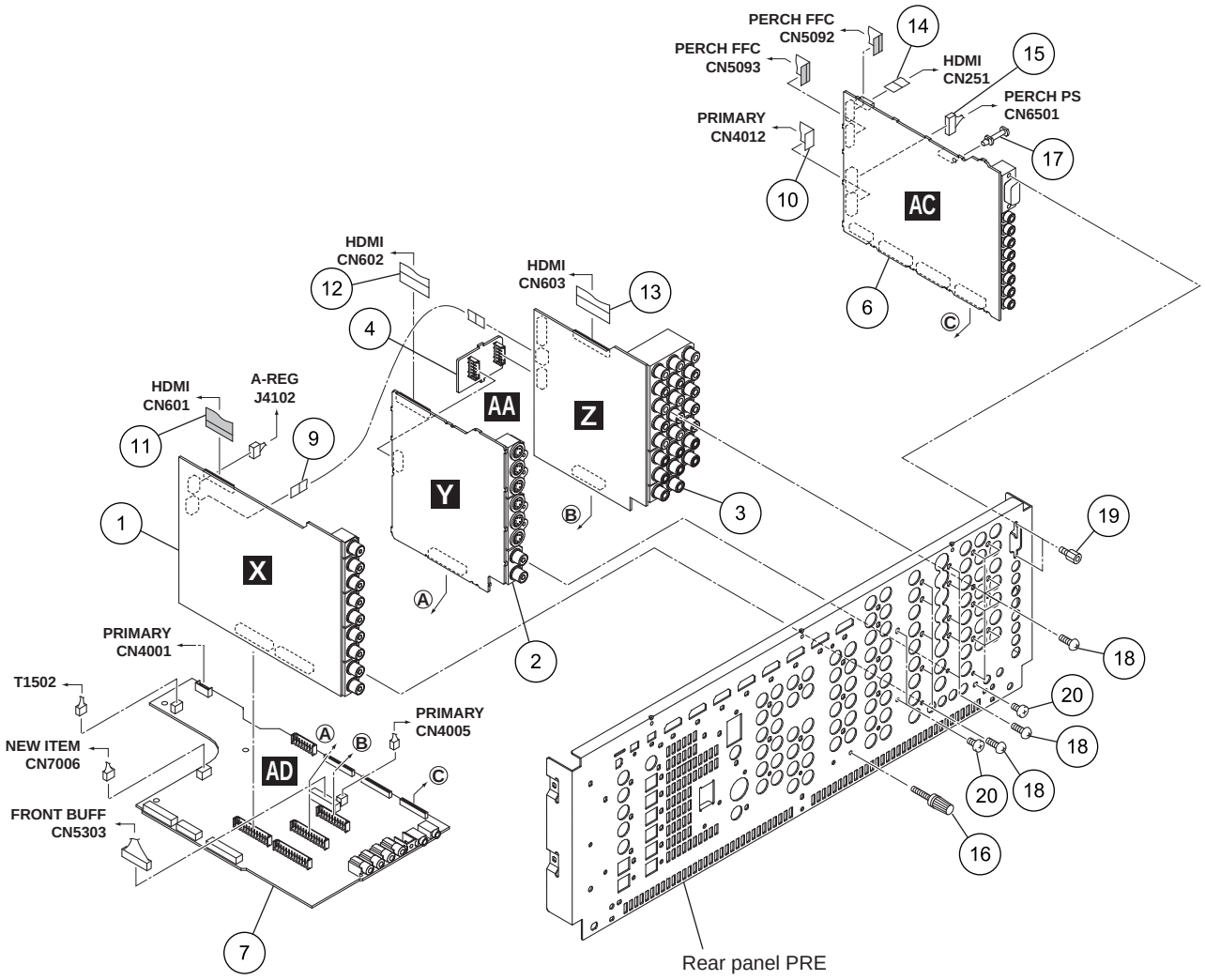
9.6 REAR SECTION (1/2)

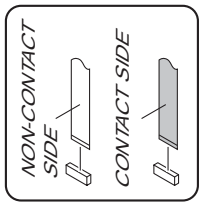


REAR SECTION (1/2) PARTS LIST

Mark	No.	Description	Part No.
	1	A-AUDIO Assy	AWX8745
	2	V-AUDIO Assy	AWX8744
	3	AUDIO BRIDGE 1 Assy	AWX8764
	4	AUDIO BRIDGE 2 Assy	AWX8765
	5	AUDIO BRIDGE 3 Assy	AWX8767
	6	AUDIO BRIDGE 4 Assy	AWX8766
	7	REC SEL Assy	AWX8740
	8	MULTI CH IN Assy	AWX8739
	9	VOLUME Assy	AWX8737
	10	NEW ITEM Assy	AWX8741
	11	MAIN DIGITAL Assy	AWX8721
	12	SUB DIGITAL Assy	AWX8747
	13	DSP Assy	AWX8868
	14	DAC Assy	AWX8723
	15	HN MODULE Assy	AWV2535
	16	PREOUT Assy	AWX8738
	17	MOTHER 1 Assy	AWX8770
	18	ICE INTERFACE Assy	AWX8779
	19	FM/AM TUNER Unit	AXX7250
	20	20P FFC (J1920)	ADD7564
	21	7P Housing Assy (J1912)	ADX7620
	22	3P Housing Assy (J1939)	ADX7625
	23	Rear Panel PRE	ANC8436
NSP	24	Network Angle	ANG7576
NSP	25	Binder (BK-1)	ZCA-BK1
	26	11P FFC (J1921)	ADD7634
	27	•••••	
	28	Screw	BBT30P060FTB
	29	Screw	VPZ30P100FTB
	30	Screw	BBZ40P060FCC
	31	Screw	PMZ30P060FTB

9.7 REAR SECTION (2/2)

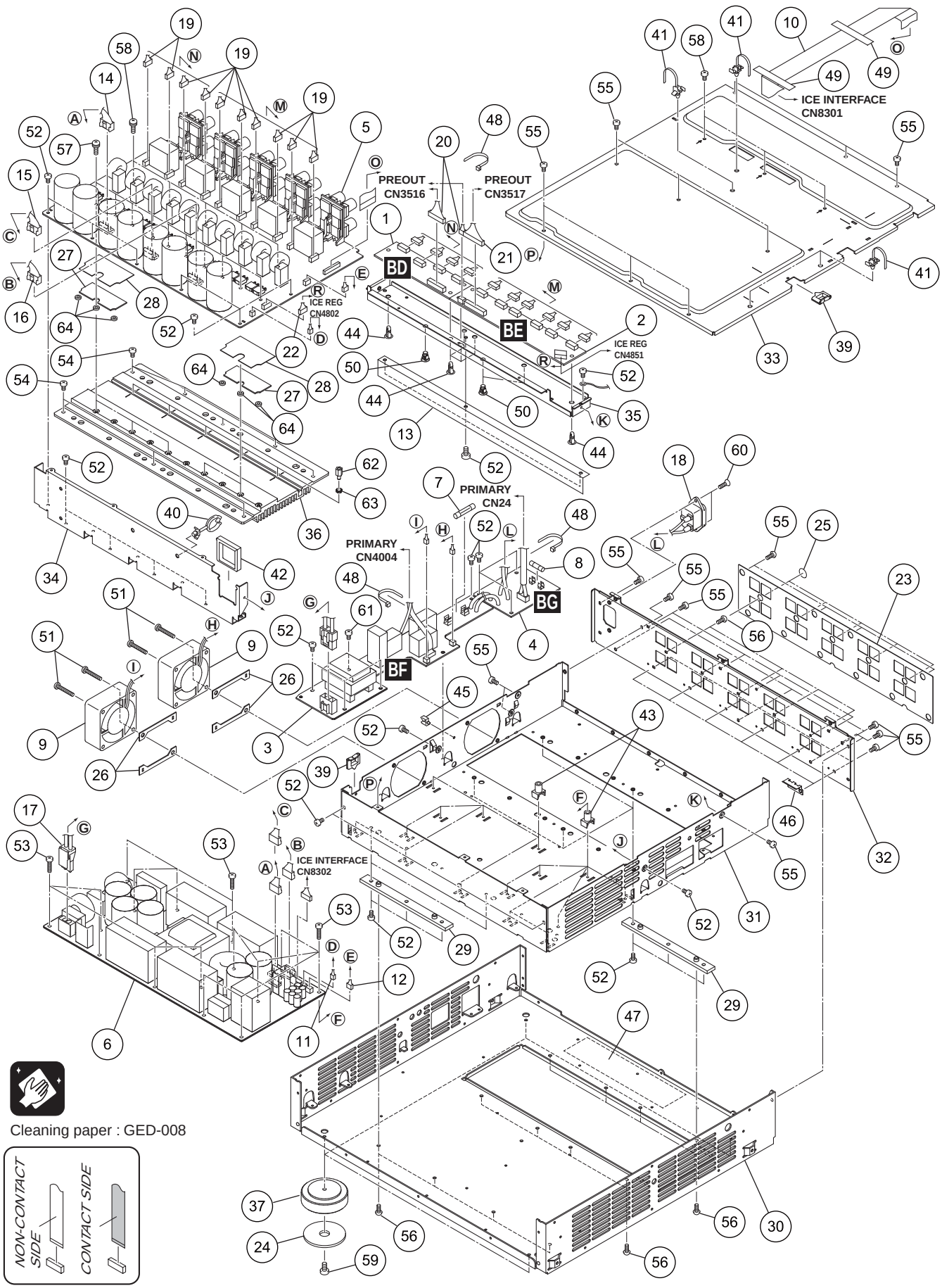




REAR SECTION (2/2) PARTS LIST

Mark	No.	Description	Part No.
	1	COMPOSITE Assy	AWX8778
	2	S-VIDEO Assy	AWX8725
	3	COMPONENT Assy	AWX8726
	4	VIDEO BRIDGE Assy	AWX8743
	5	• • • • •	
	6	IR 232C Assy	AWX8746
	7	MOTHER 2 Assy	AWX8776
	8	• • • • •	
	9	5P FFC (J1924)	ADD7569
	10	9P FFC (J1925)	ADD7581
	11	24P FFC (J1927)	ADD7589
	12	26P FFC (J1928)	ADD7590
	13	30P FFC (J1929)	ADD7591
	14	8P FFC (J1930)	ADD7616
	15	7P Housing Assy (J1937)	ADX7644
	16	Earth Terminal with Knob	AKE-031
	17	PCB Spacer	AEC7080
	18	Screw	VPZ30P100FTB
	19	Hex. Screw 2.85 x 7	ABA7078
	20	Screw	BBT30P060FTB

9.8 POWER AMPLIFIER SECTION



Cleaning paper : GED-008

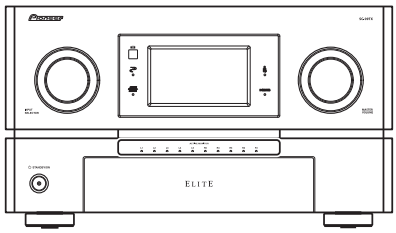
POWER AMPLIFIER SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	ICE INPUT 4CH Assy	AWX8946
	2	ICE INPUT 6CH Assy	AWX8945
	3	PFC Assy	AWX8735
	4	INLET Assy	AWX8731
⚠	5	ICEPOWER AMP Assy	AWH7010
⚠	6	ICEPOWER SMPS Assy	AWR7048
⚠	7	Fuse (FU2: 15 A)	AEK7077
⚠	8	Fuse (FU1: 6 A)	REK1151
⚠	9	DC Fan Motor	AXM7025
	10	24P FFC (J1901)	ADD7587
	11	2P Housing Wire Assy (J1904)	ADX7549
	12	3P Housing Wire Assy (J1905)	ADX7550
NSP	13	Shielding Plate	ANG7600
	14	4P Housing Wire Assy (J1906)	ADX7551
	15	4P Housing Wire Assy (J1907)	ADX7552
	16	4P Housing Wire Assy (J1908)	ADX7553
⚠	17	2P Housing Wire Assy (J1909)	ADX7554
⚠	18	AC Inlet Assy (J1944)	ADX7558
	19	6P Housing Assy (J1911)	ADX7612
	20	15P Housing Assy (J1902)	ADX7613
	21	15P Housing Assy (J1903)	ADX7614
	22	6P Housing Assy (J1910)	ADX7624
	23	Speaker Sheet ICE	AAK8366
	24	Stopper	AEC7224
	25	Cushin Circle 14B	AED7081
	26	Fan Cushion	AED7104
	27	Ceramic Plate	AEE7060
	28	Heat Radiation Sheet	AEE7069
	29	Insulator ICE	AMR7523
NSP	30	Under Base	ANA7191
NSP	31	Chassis ICE	ANA7193
	32	Rear Panel AMP	ANC8442
NSP	33	Top Plate ICE	ANE7349
NSP	34	Switching Shield	ANG7558
NSP	35	Beam AMP	ANG7599
	36	Heatsink ICE Assy	AZW7307
	37	Insulator 56	ANL7028
	38	• • • • •	
	39	Edge Saddle	AEC7582
	40	Harness Lifter	AEC7583
	41	Reuse Band	AEC7584
	42	Lock Edge Saddle 25L	AEC7587
	43	PCB Mold	AMR2533
NSP	44	PCB Holder	PNW1706
NSP	45	Cord Clamp F	AEC7134

Mark	No.	Description	Part No.
NSP	46	GND Plate	ANK7129
	47	License Label TER	ARW7362
NSP	48	Binder (BK-1)	ZCA-BK1
	49	Acetate Tape 10 x 60	AEH7029
	50	PC Support	VEC1749
	51	Screw	BBZ30P300FTC
	52	Screw	BBZ30P060FCC
	53	Screw	BBZ30P180FCC
	54	Screw	BBT30P080FCC
	55	Screw	BBT30P060FTB
	56	Screw	VPZ30P100FTB
	57	Screw 3 x 10	ABA7134
	58	Screw 3 x 8	ABA7131
	59	Screw 4 x 19	ABA7120
	60	Screw	CBZ30P080FTB
	61	Screw 3 x 9	ABA7101
	62	Hex. Spacer H = 8	ABA7145
	63	Nut	NB30FNI
	64	PPS Spacer	AEC7604

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Service Manual



SC-09TX

ORDER NO.
RRV3711

AUDIO/VIDEO MULTI-CHANNEL RECEIVER

SC-09TX

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Model	Type	Power Requirement	Remarks
SC-09TX	KUXJ/CA	AC 120 V	

This service manual should be used together with the following manual(s):

Model	Order No.	Remarks
SC-09TX/KUXJ/CA	RRV3708	BLOCK DIAGRAM, DIAGNOSIS, EXPLODED VIEWS, etc.



For details, refer to "Important Check Points for good servicing".

PIONEER CORPORATION 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654, Japan
PIONEER ELECTRONICS (USA) INC. P.O. Box 1760, Long Beach, CA 90801-1760, U.S.A.
PIONEER EUROPE NV Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium
PIONEER ELECTRONICS ASIACENTRE PTE. LTD. 253 Alexandra Road, #04-01, Singapore 159936
ⓒ**PIONEER CORPORATION 2008**

T-ZZV MAR. 2008 Printed in Japan

SAFETY INFORMATION

[Important Check Points for Good Servicing]

In this manual, procedures that must be performed during repairs are marked with the below symbol.
Please be sure to confirm and follow these procedures.

1. Product safety



Please conform to product regulations (such as safety and radiation regulations), and maintain a safe servicing environment by following the safety instructions described in this manual.

① Use specified parts for repair.

Use genuine parts. Be sure to use important parts for safety.

② Do not perform modifications without proper instructions.

Please follow the specified safety methods when modification(addition/change of parts) is required due to interferences such as radio/TV interference and foreign noise.

③ Make sure the soldering of repaired locations is properly performed.

When you solder while repairing, please be sure that there are no cold solder and other debris.
Soldering should be finished with the proper quantity. (Refer to the example)

④ Make sure the screws are tightly fastened.

Please be sure that all screws are fastened, and that there are no loose screws.

⑤ Make sure each connectors are correctly inserted.

Please be sure that all connectors are inserted, and that there are no imperfect insertion.

⑥ Make sure the wiring cables are set to their original state.

Please replace the wiring and cables to the original state after repairs.
In addition, be sure that there are no pinched wires, etc.

⑦ Make sure screws and soldering scraps do not remain inside the product.

Please check that neither solder debris nor screws remain inside the product.

⑧ There should be no semi-broken wires, scratches, melting, etc. on the coating of the power cord.

Damaged power cords may lead to fire accidents, so please be sure that there are no damages.
If you find a damaged power cord, please exchange it with a suitable one.

⑨ There should be no spark traces or similar marks on the power plug.

When spark traces or similar marks are found on the power supply plug, please check the connection and advise on secure connections and suitable usage. Please exchange the power cord if necessary.

⑩ Safe environment should be secured during servicing.

When you perform repairs, please pay attention to static electricity, furniture, household articles, etc. in order to prevent injuries.
Please pay attention to your surroundings and repair safely.

2. Adjustments



To keep the original performance of the products, optimum adjustments and confirmation of characteristics within specification.
Adjustments should be performed in accordance with the procedures/instructions described in this manual.

3. Lubricants, Glues, and Replacement parts



Use grease and adhesives that are equal to the specified substance.
Make sure the proper amount is applied.

4. Cleaning



For parts that require cleaning, such as optical pickups, tape deck heads, lenses and mirrors used in projection monitors, proper cleaning should be performed to restore their performances.

5. Shipping mode and Shipping screws



To protect products from damages or failures during transit, the shipping mode should be set or the shipping screws should be installed before shipment. Please be sure to follow this method especially if it is specified in this manual.

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A

B

C

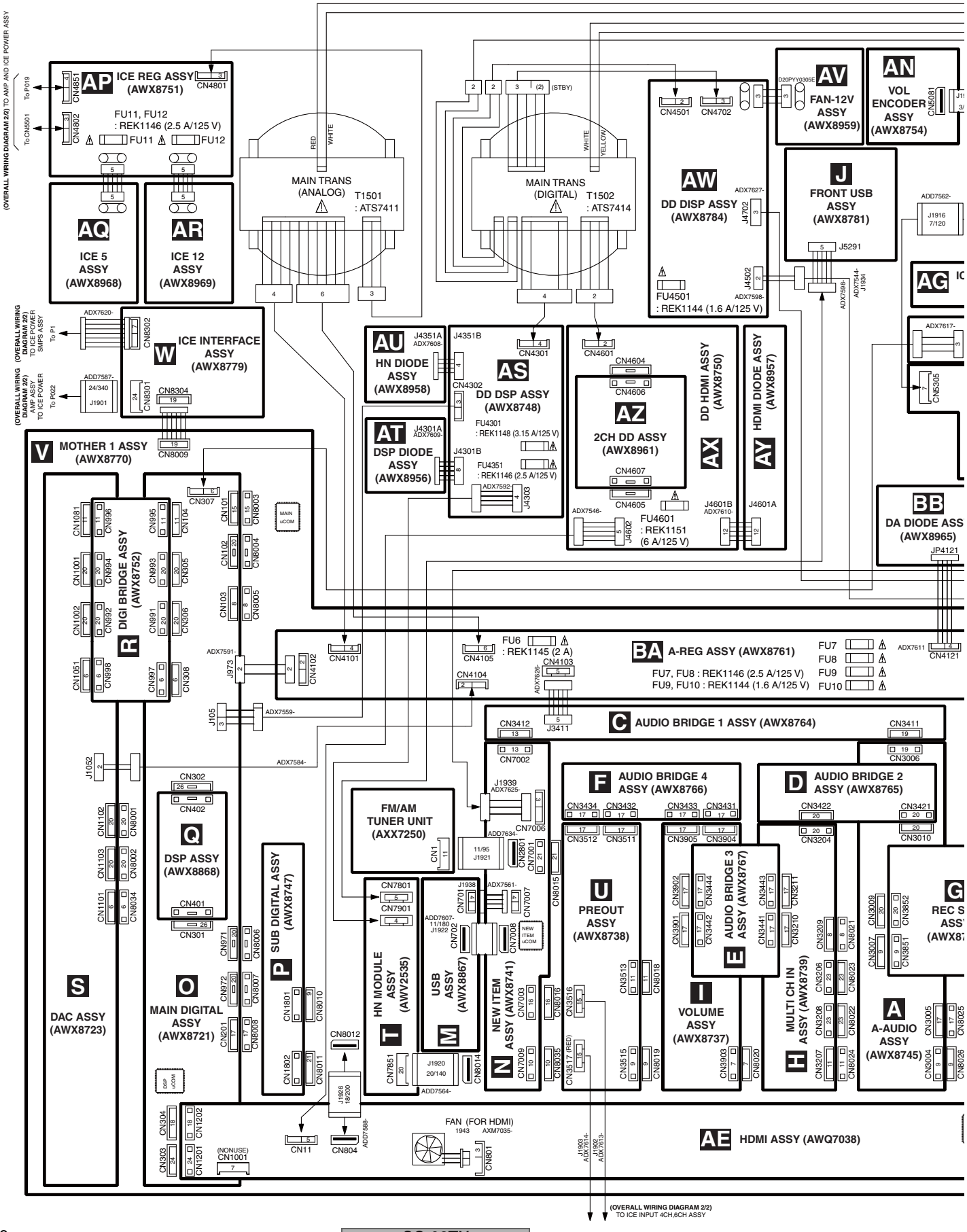
D

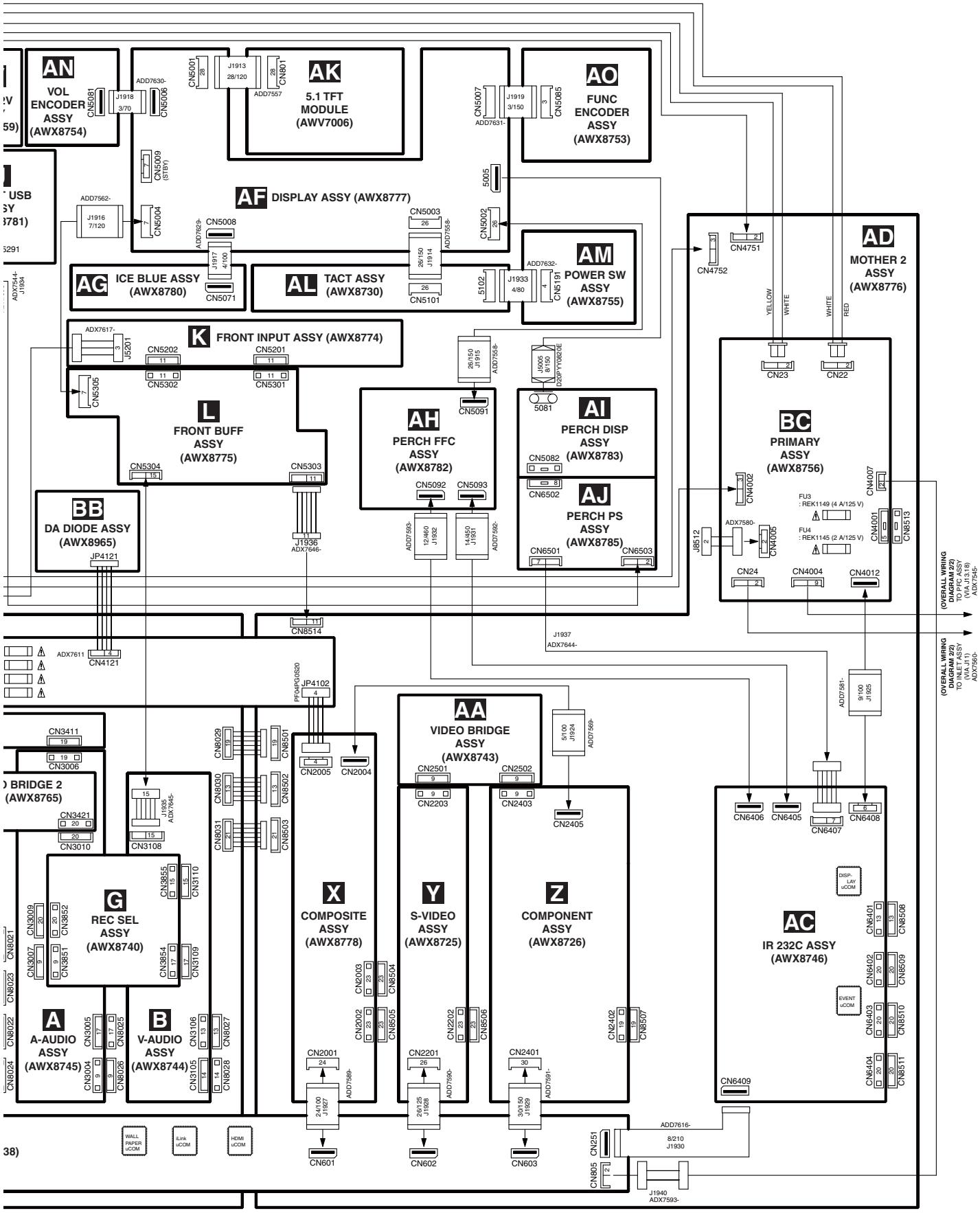
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F

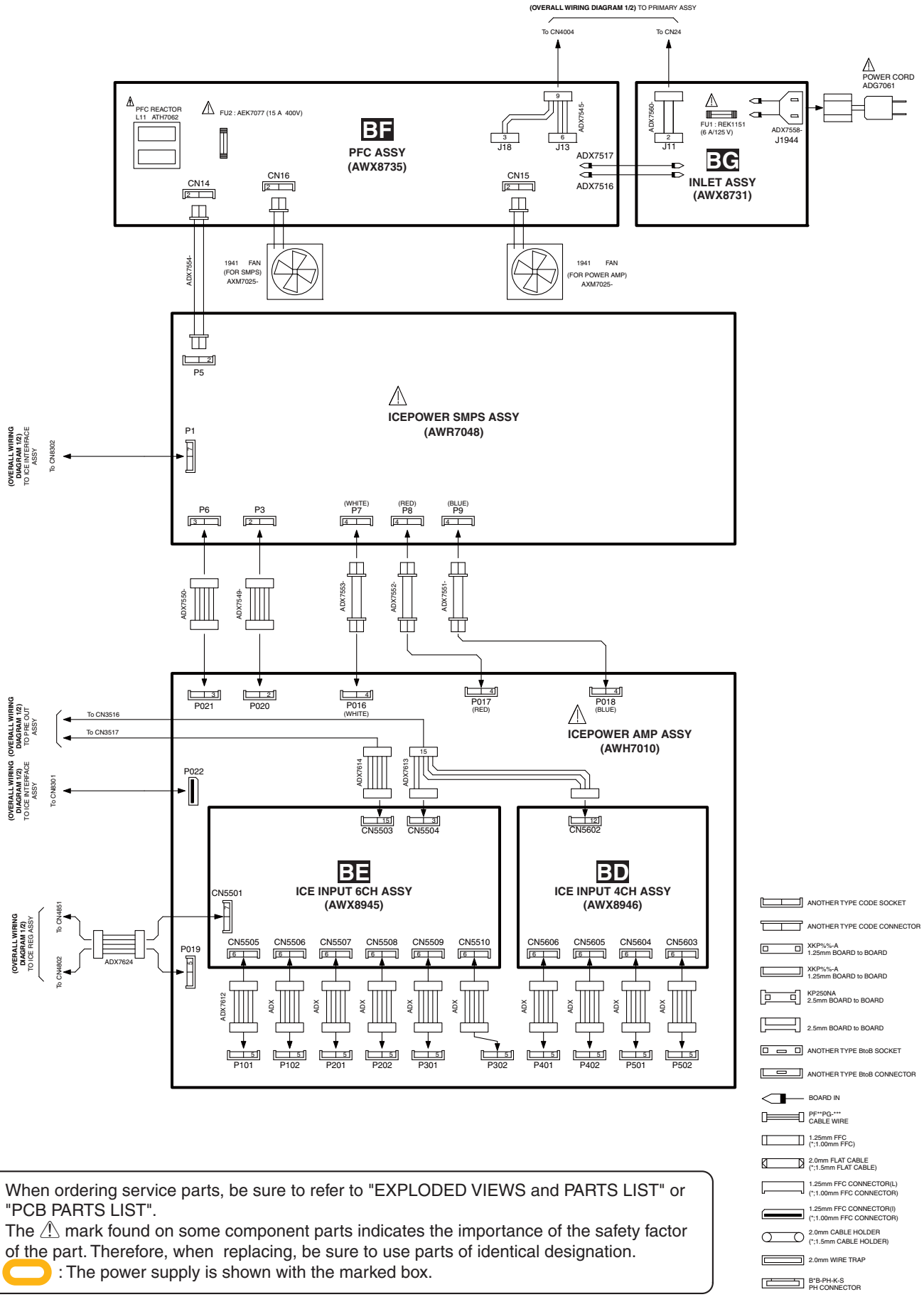
10. SCHEMATIC DIAGRAM

10.1 OVERALL WIRING DIAGRAM (1/2)




AN
VOL ENCODER ASSY (AWX8754)
AK
5.1 TFT MODULE (AWV7006)
AO
FUNC ENCODER ASSY (AWX8753)
AF DISPLAY ASSY (AWX8777)
AG ICE BLUE ASSY (AWX8780)
AL TACT ASSY (AWX8730)
AM
POWER SW ASSY (AWX8755)
AD
MOTHER 2 ASSY (AWX8776)
K FRONT INPUT ASSY (AWX8774)
L
FRONT BUFF ASSY (AWX8775)
AH
PERCH FFC ASSY (AWX8782)
AI
PERCH DISP ASSY (AWX8783)
AJ
PERCH PS ASSY (AWX8785)
BC
PRIMARY ASSY (AWX8756)
BB
DA DIODE ASSY (AWX8965)
AA
VIDEO BRIDGE ASSY (AWX8743)
G
REC SEL ASSY (AWX8740)
X
COMPOSITE ASSY (AWX8778)
Y
S-VIDEO ASSY (AWX8725)
Z
COMPONENT ASSY (AWX8726)
AC
IR 232C ASSY (AWX8746)
A
A-AUDIO ASSY (AWX8745)
B
V-AUDIO ASSY (AWX8744)
BRIDGE 2 (AWX8765)
CN5081
CN5006
CN5001
CN8011
CN5009 (STBY)
CN5004
CN5008
CN5071
CN5003
CN5101
CN5002
CN5007
CN5085
CN5191
CN4751
CN4752
CN23
CN22
CN5091
CN5082
CN6502
CN5092
CN5093
CN5202
CN5201
CN5302
CN5301
CN5304
CN5303
CN5305
CN4121
CN8514
CN6501
CN6503
CN24
CN4004
CN4012
CN4002
CN4007
CN4001
CN8513
CN4005
CN8512
CN3411
CN3006
CN3421
CN3010
CN3108
CN3855
CN3110
CN3009
CN3852
CN3007
CN3851
CN3854
CN3109
CN8021
CN8023
CN8022
CN8024
CN3005
CN8025
CN3004
CN8026
CN3106
CN8027
CN3105
CN8028
CN8029
CN8501
CN8030
CN8502
CN8031
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CN8504
CN2002
CN8505
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CN601
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CN2502
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CN2405
CN2202
CN8506
CN2201
CN602
CN2402
CN8507
CN2401
CN603
CN6406
CN6405
CN6407
CN6408
CN6401
CN8508
CN6402
CN8509
CN6403
CN8510
CN6404
CN8511
CN6409
CN251
CN8051
CN8052
JP4121
JP4102
J1936 ADX7646-
J1937 ADX7644-
J1940 ADX7593-
ADD7630-
ADD7557
ADD7631-
ADD7562-
ADD7629-
ADD7558-
ADD7632-
ADX7544-
ADX7617-
ADX7611
ADX7580-
ADD7593-
ADD7592-
ADD7581-
ADD7569-
ADD7589-
ADD7590-
ADD7591-
ADD7616-
PF04PG0520
J1913 28/120
J1918 3/70
J1919 3/150
J1916 7/120
J1917 4/100
J1933 4/80
J1936 ADX7646-
J1938 ADX7645-
J1924 5/100
J1925 9/100
J1927 24100
J1928 26125
J1929 30150
J1930 8/210
J1931 14450
J1932 12460
J1934
J5201
J5005 8150
D20PYY0820E
5005
5102
5081
YELLOW
WHITE
WHITE
RED
FU3 : REK1149 (4 A/125 V)
FU4 : REK1145 (2 A/125 V)
(OVERALL WIRING DIAGRAM 2/2) TO MAIN ASSY (V/A J1 1) ADX7560-
(OVERALL WIRING DIAGRAM 2/2) TO MAIN ASSY (V/A J1 3,18) ADX7545-
WALL PAPER uCOM
i.Link uCOM
HDMI uCOM
DISP-LAY uCOM
EVENT uCOM

10.2 OVERALL WIRING DIAGRAM (2/2)

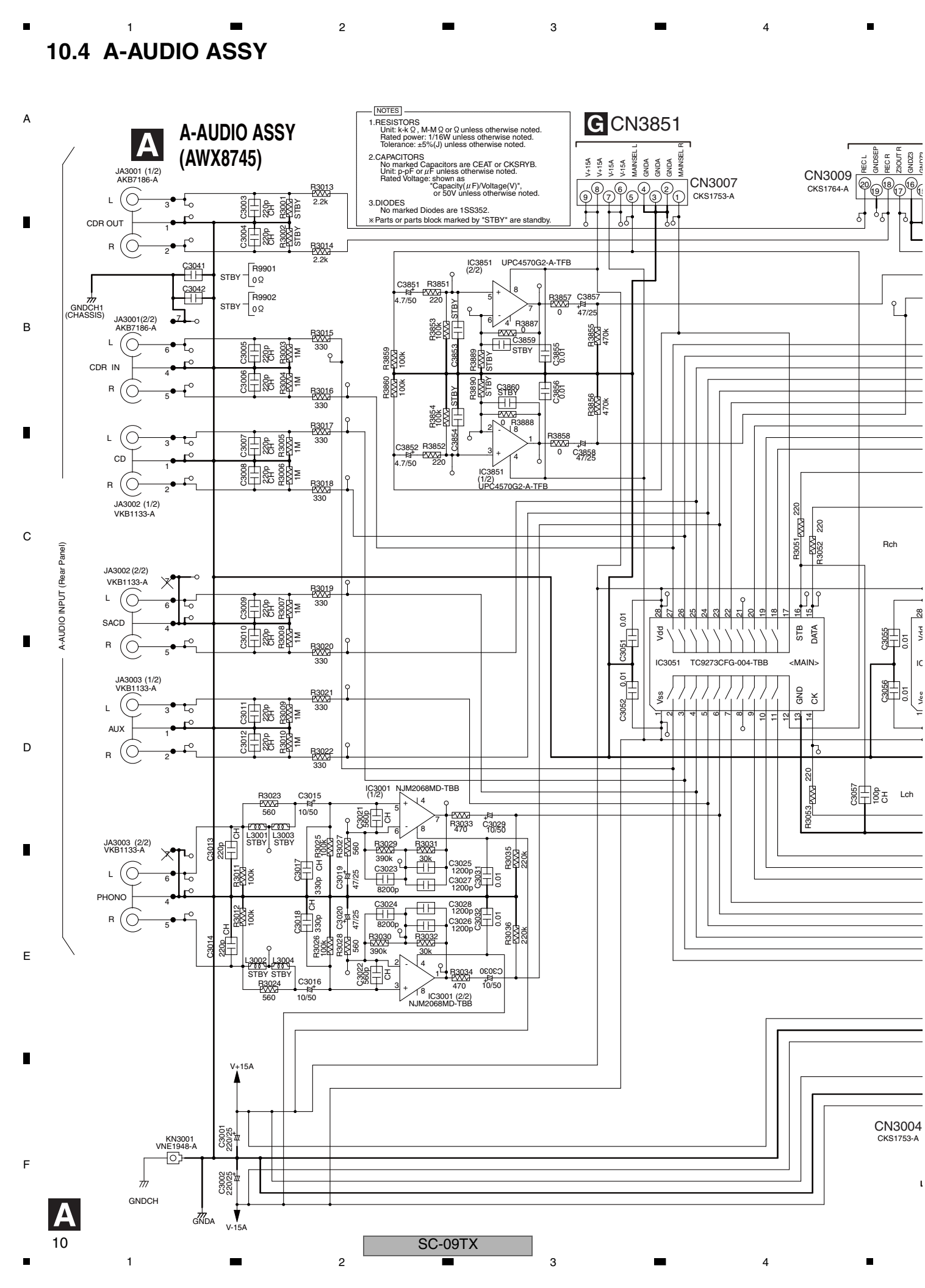


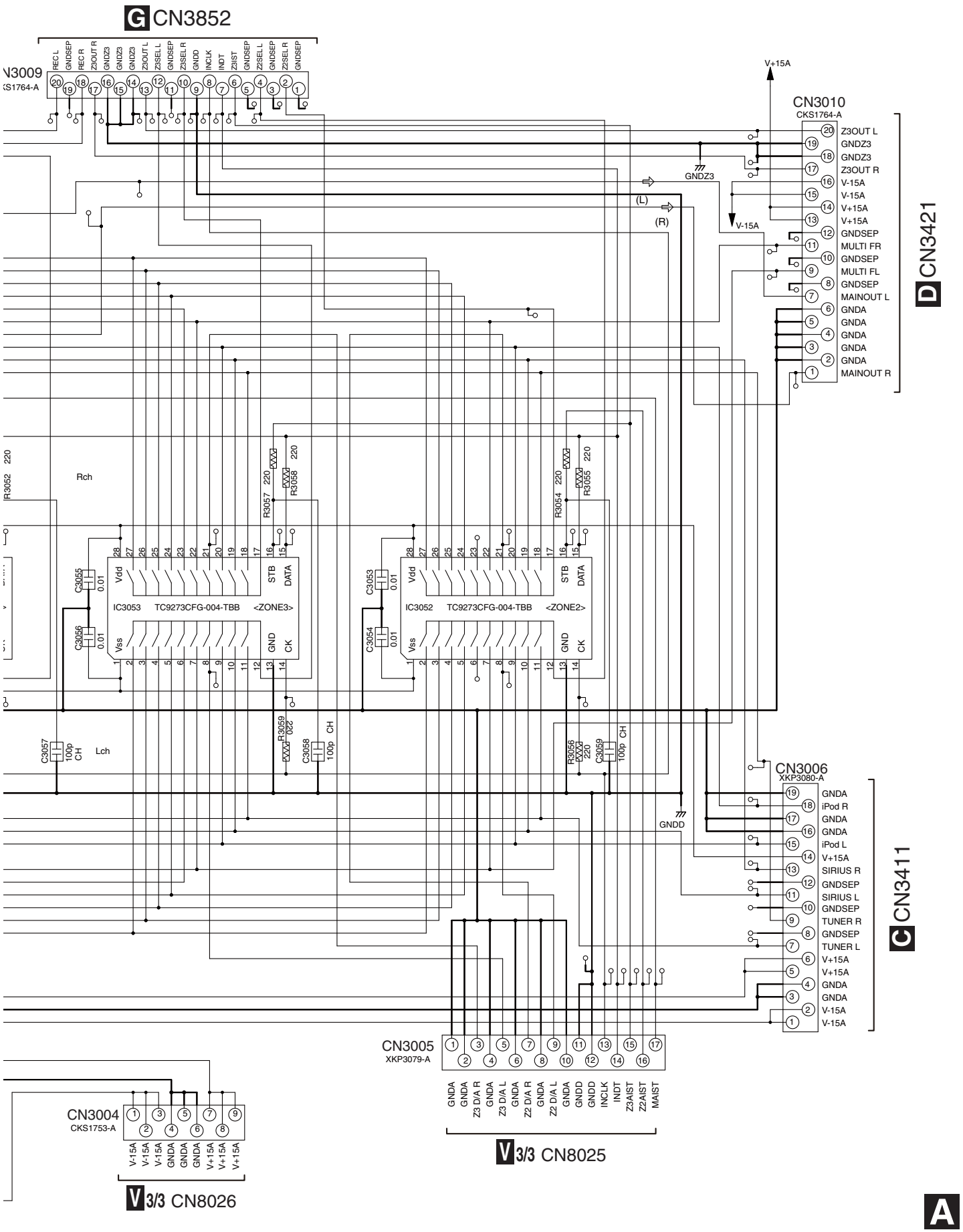
When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB PARTS LIST".
The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
: The power supply is shown with the marked box.

10.3 REFERENCE MARK LIST

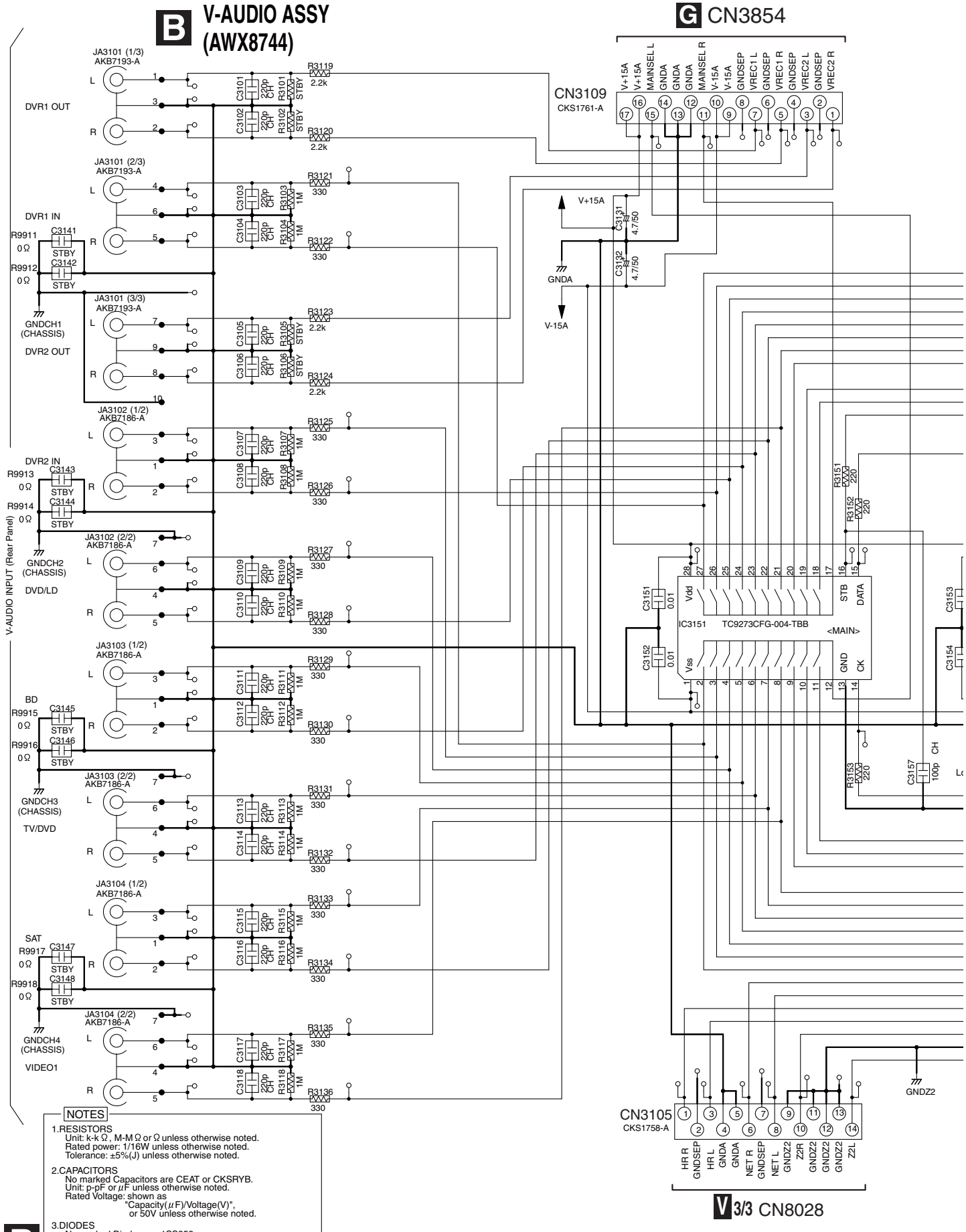
Ref. Mark	Assy Name	Ref. Mark	Assy Name	Ref. Mark	Assy Name
A	A-AUDIO ASSY	AA	VIDEO BRIDGE ASSY	BA	A-REG ASSY
B	V-AUDIO ASSY			BB	DA DIODE ASSY
C	AUDIO BRIDGE 1 ASSY	AC	IR 232C ASSY	BC	PRIMARY ASSY
D	AUDIO BRIDGE 2 ASSY	AD	MOTHER 2 ASSY	BD	ICE INPUT 4CH ASSY
E	AUDIO BRIDGE 3 ASSY	AE	HDMI ASSY	BE	ICE INPUT 6CH ASSY
F	AUDIO BRIDGE 4 ASSY	AF	DISPLAY ASSY	BF	PFC ASSY
G	REC SEL ASSY	AG	ICEBLUE ASSY	BG	INLET ASSY
H	MULTI CH IN ASSY	AH	PERCH FFC ASSY		ICEPOWER AMP ASSY
I	VOLUME ASSY	AI	PERCH DISP ASSY		ICEPOWER SMPS ASSY
J	FRONT USB ASSY	AJ	PERCH PS ASSY		FM/AM TUNER UNIT
K	FRONT INPUT ASSY	AK	5.1 TFT MODULE		
L	FRONT BUFF ASSY	AL	TACT ASSY		
M	USB ASSY	AM	POWER SW ASSY		
N	NEW ITEM ASSY	AN	VOL ENCODER ASSY		
O	MAIN DIGITAL ASSY	AO	FUNC ENCODER ASSY		
P	SUB DIGITAL ASSY	AP	ICE REG ASSY		
Q	DSP ASSY	AQ	ICE 5 ASSY		
R	DIGI BRIDGE ASSY	AR	ICE 12 ASSY		
S	DAC ASSY	AS	DD DSP ASSY		
T	HN MODULE ASSY	AT	DSP DIODE ASSY		
U	PREOUT ASSY	AU	HN DIODE ASSY		
V	MOTHER 1 ASSY	AV	FAN-12V ASSY		
W	ICE INTERFACE ASSY	AW	DD DISP ASSY		
X	COMPOSITE ASSY	AX	DD HDMI ASSY		
Y	S-VIDEO ASSY	AY	HDMI DIODE ASSY		
Z	COMPONENT ASSY	AZ	2CH DD ASSY		

10.4 A-AUDIO ASSY




G CN3852
CN3009
CKS1764-A
REC L
GNDSEP
REC R
Z3OUT R
GNDZ3
GNDZ3
Z3OUT L
Z3SEL L
GNDSEP
Z3SEL R
GNDD
INCLK
INDT
Z3IST
GNDSEP
Z2SEL L
GNDSEP
Z2SEL R
GNDSEP
V+15A
CN3010
CKS1764-A
Z3OUT L
GNDZ3
GNDZ3
Z3OUT R
V-15A
V-15A
V+15A
V+15A
GNDSEP
MULTI FR
GNDSEP
MULTI FL
GNDSEP
MAINOUT L
GNDA
GNDA
GNDA
GNDA
GNDA
MAINOUT R
D CN3421
GNDZ3
V-15A
(L)
(R)
Rch
R3052 220
R3057 220
R3058 220
R3054 220
R3055 220
IC3053 TC9273CFG-004-TBB <ZONE3>
IC3052 TC9273CFG-004-TBB <ZONE2>
Vdd
STB
DATA
Vss
GND
CK
C3055 0.01
C3056 0.01
C3053 0.01
C3054 0.01
C3057 100p CH
Lch
R3069 220
C3058 100p CH
R3056 220
C3059 100p CH
GNDD
CN3006
XKP3080-A
GNDA
iPod R
GNDA
GNDA
iPod L
V+15A
SIRIUS R
GNDSEP
SIRIUS L
GNDSEP
TUNER R
GNDSEP
TUNER L
V+15A
V+15A
GNDA
GNDA
V-15A
V-15A
C CN3411
CN3005
XKP3079-A
GNDA
GNDA
Z3 D/A R
GNDA
Z3 D/A L
GNDA
Z2 D/A R
GNDA
Z2 D/A L
GNDA
GNDD
GNDD
INCLK
INDT
Z3AIST
Z2AIST
MAIST
V 3/3 CN8025
CN3004
CKS1753-A
V-15A
V-15A
V-15A
GNDA
GNDA
GNDA
V+15A
V+15A
V 3/3 CN8026

10.5 V-AUDIO ASSY



NOTES

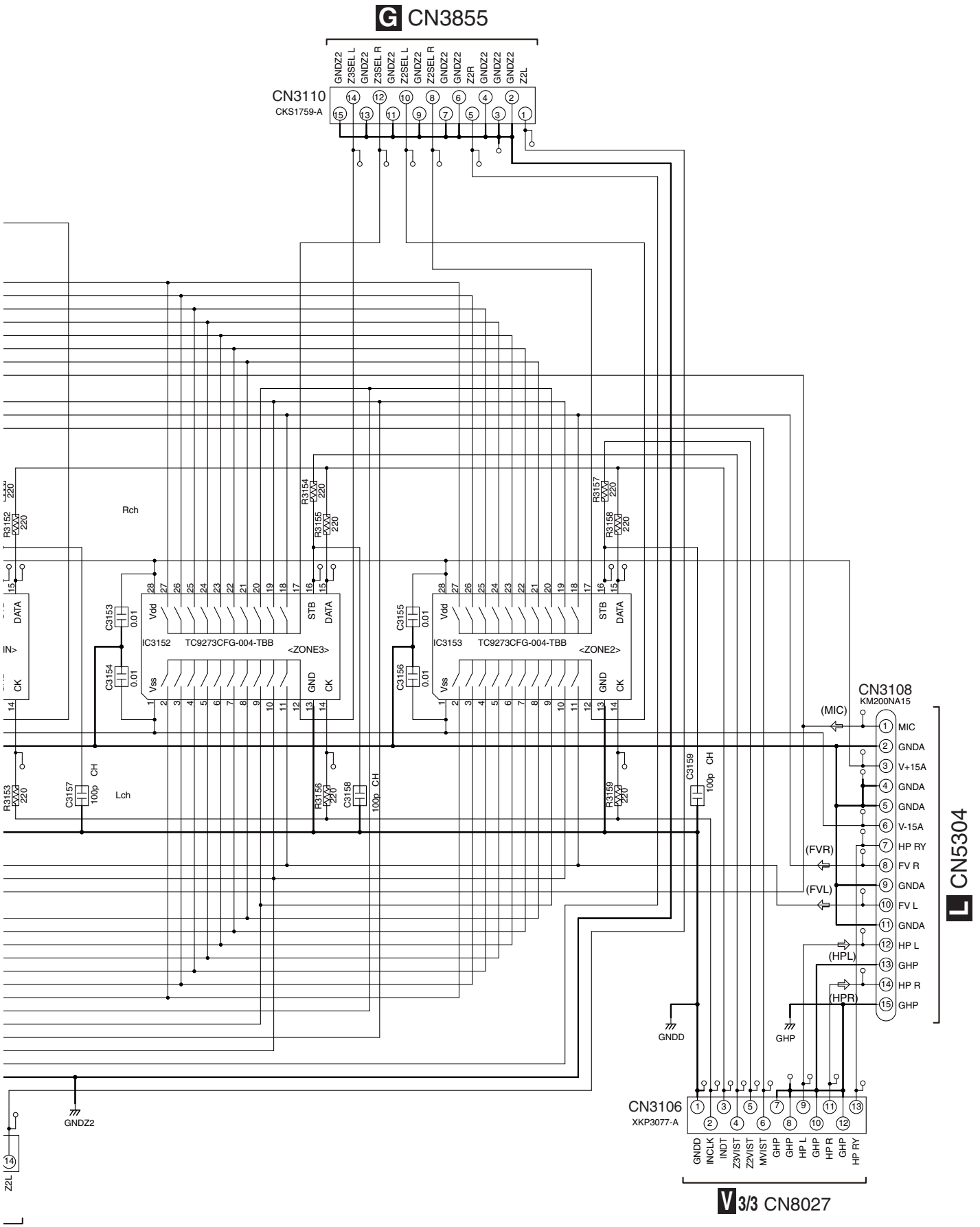
1.RESISTORS
Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

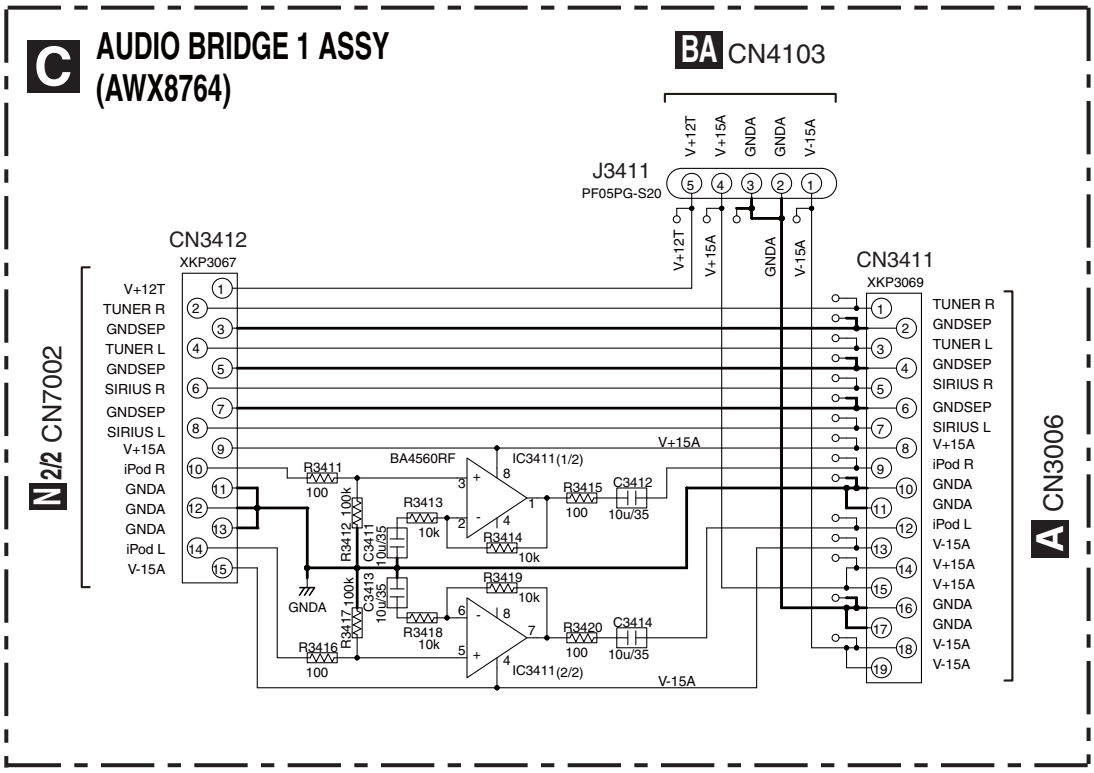
3.DIODES
No marked Diodes are 1SS352.

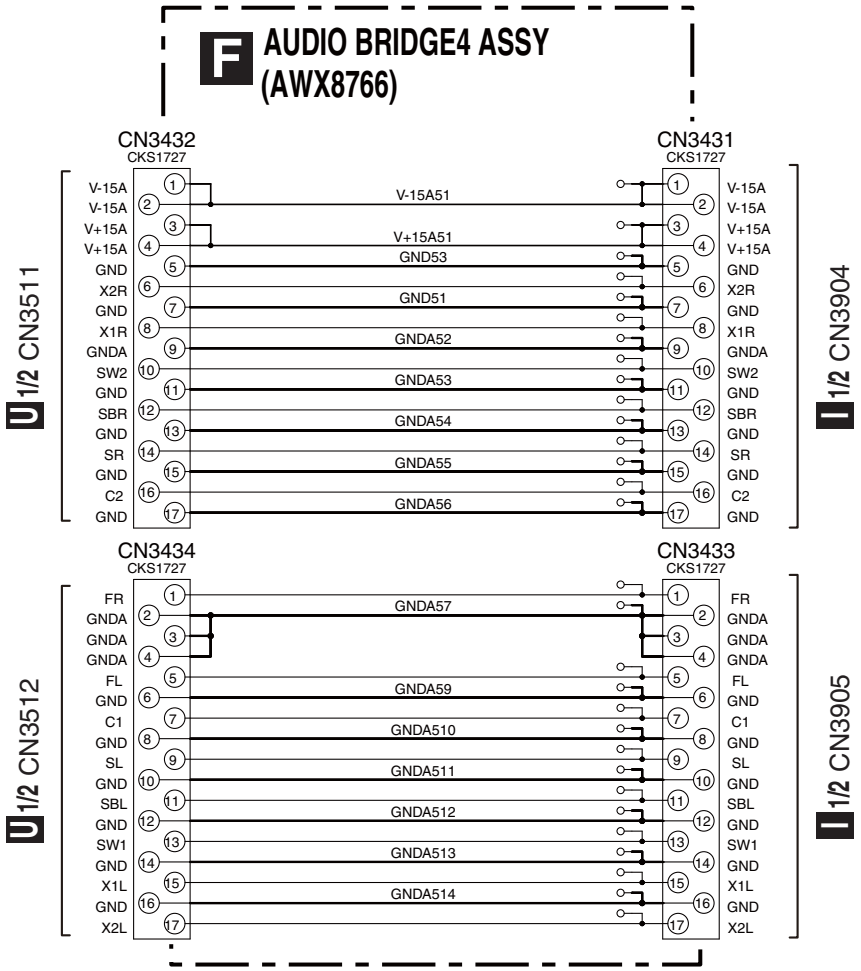
※Parts or parts block marked by "STBY" are standby.

B


G CN3855
CN3110
CKS1759-A
GNDZ2
Z3SEL L
GNDZ2
Z3SEL R
GNDZ2
Z2SEL L
GNDZ2
Z2SEL R
GNDZ2
GNDZ2
Z2R
GNDZ2
GNDZ2
Z2L
Rch
Lch
IC3152 TC9273CFG-004-TBB <ZONE3>
IC3153 TC9273CFG-004-TBB <ZONE2>
Vdd
Vss
STB
DATA
GND
CK
C3153
C3154
C3155
C3156
C3157
C3158
C3159
100p CH
R3152
R3153
R3154
R3155
R3156
R3157
R3158
R3159
220
CN3108
KM200NA15
(MIC)
MIC
GNDA
V+15A
GNDA
GNDA
V-15A
HP RY
(FVR)
FV R
GNDA
(FVL)
FV L
GNDA
HP L
(HPL)
GHP
HP R
(HPR)
GHP
L CN5304
GNDD
GHP
CN3106
XKP3077-A
GNDD
INCLK
INDT
Z3VIST
Z2VIST
MVIST
GHP
GHP
HP L
GHP
HP R
GHP
HP RY
V 3/3 CN8027
GNDZ2
Z2L

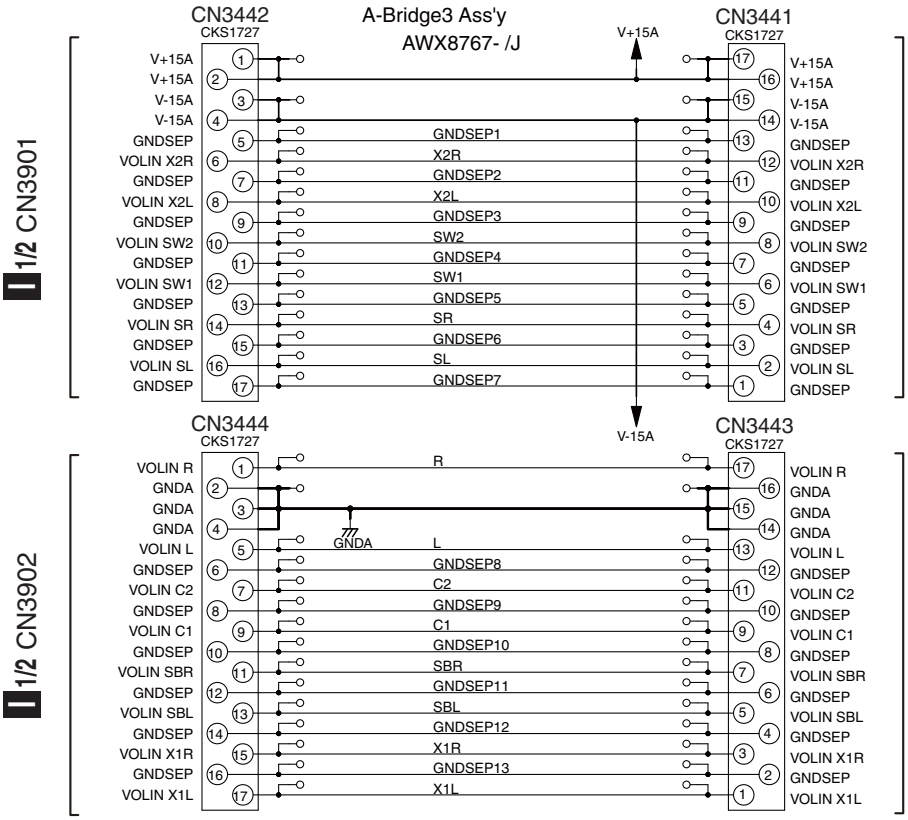
10.6 AUDIO BRIDGE 1,2,3,4 ASSYS



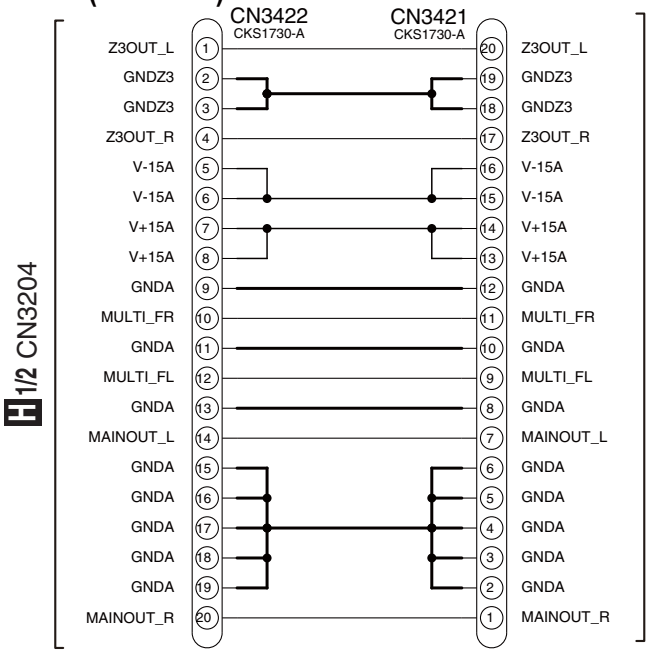


C F

E AUDIO BRIDGE 3 ASSY (AWX8767)



D AUDIO BRIDGE2 ASSY (AWX8765)



NOTES

1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

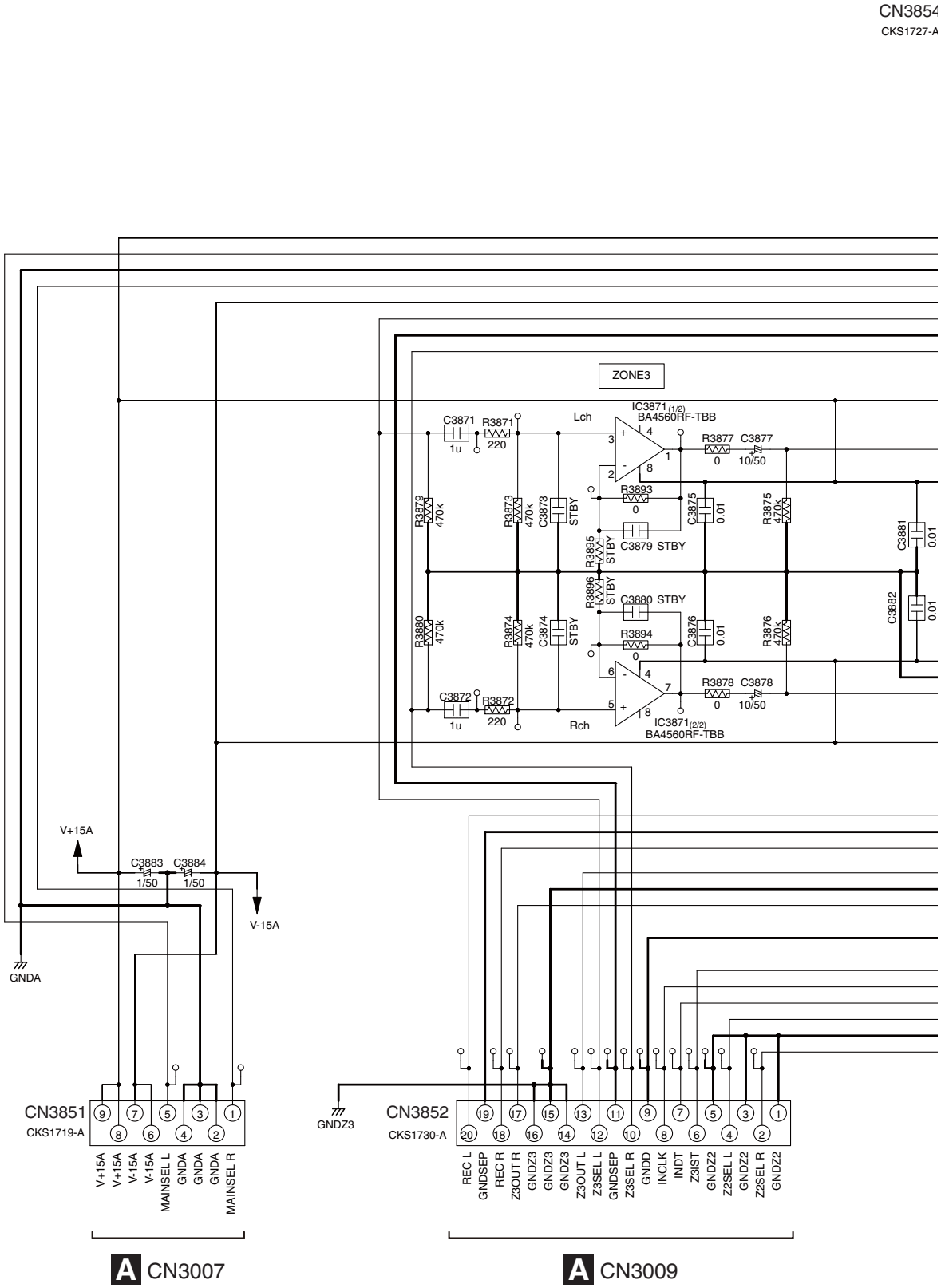
3.DIODES
No marked Diodes are 1SS352.

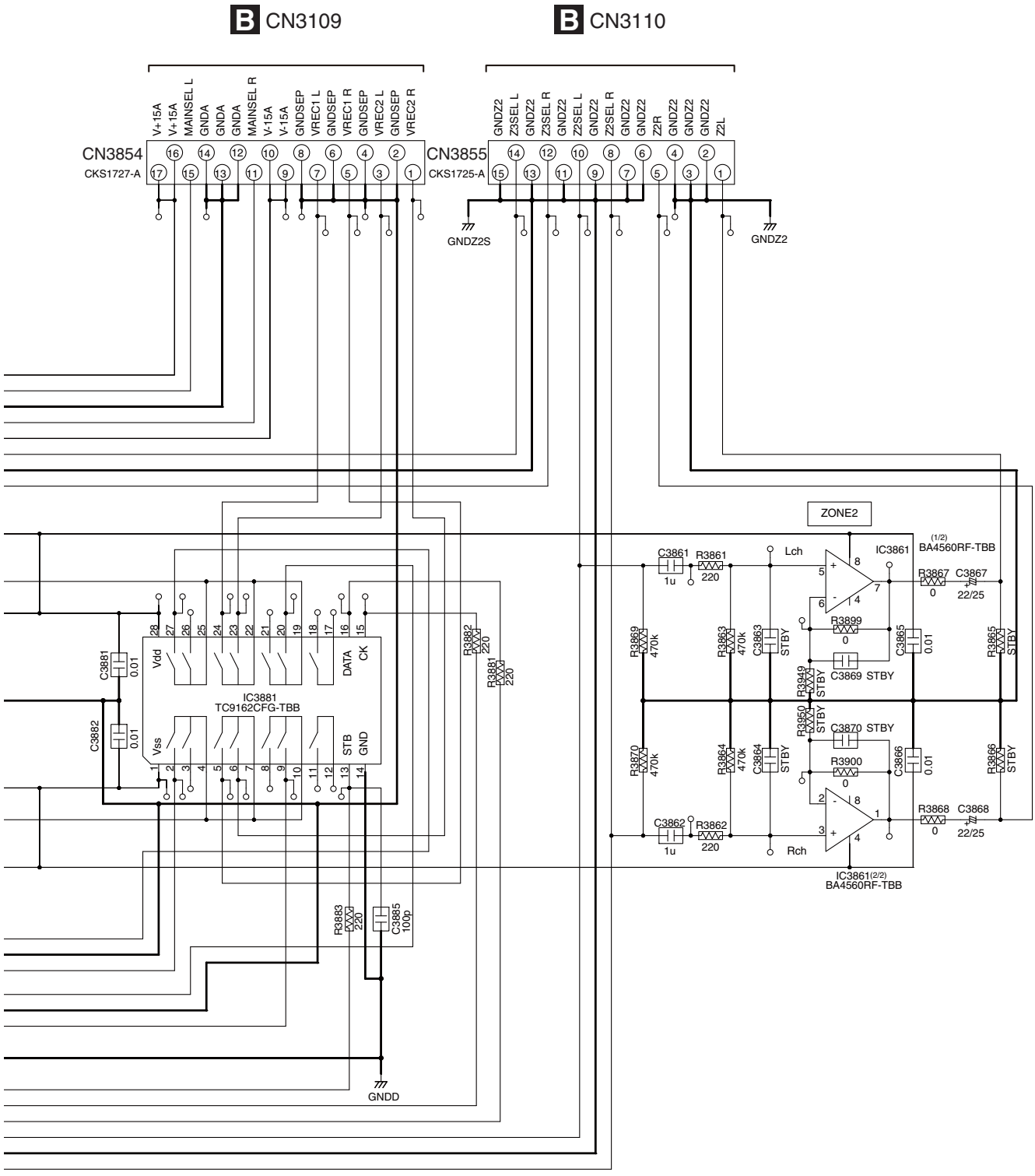
※Parts or parts block marked by "STBY" are standby.

D E

10.7 REC SEL ASSY

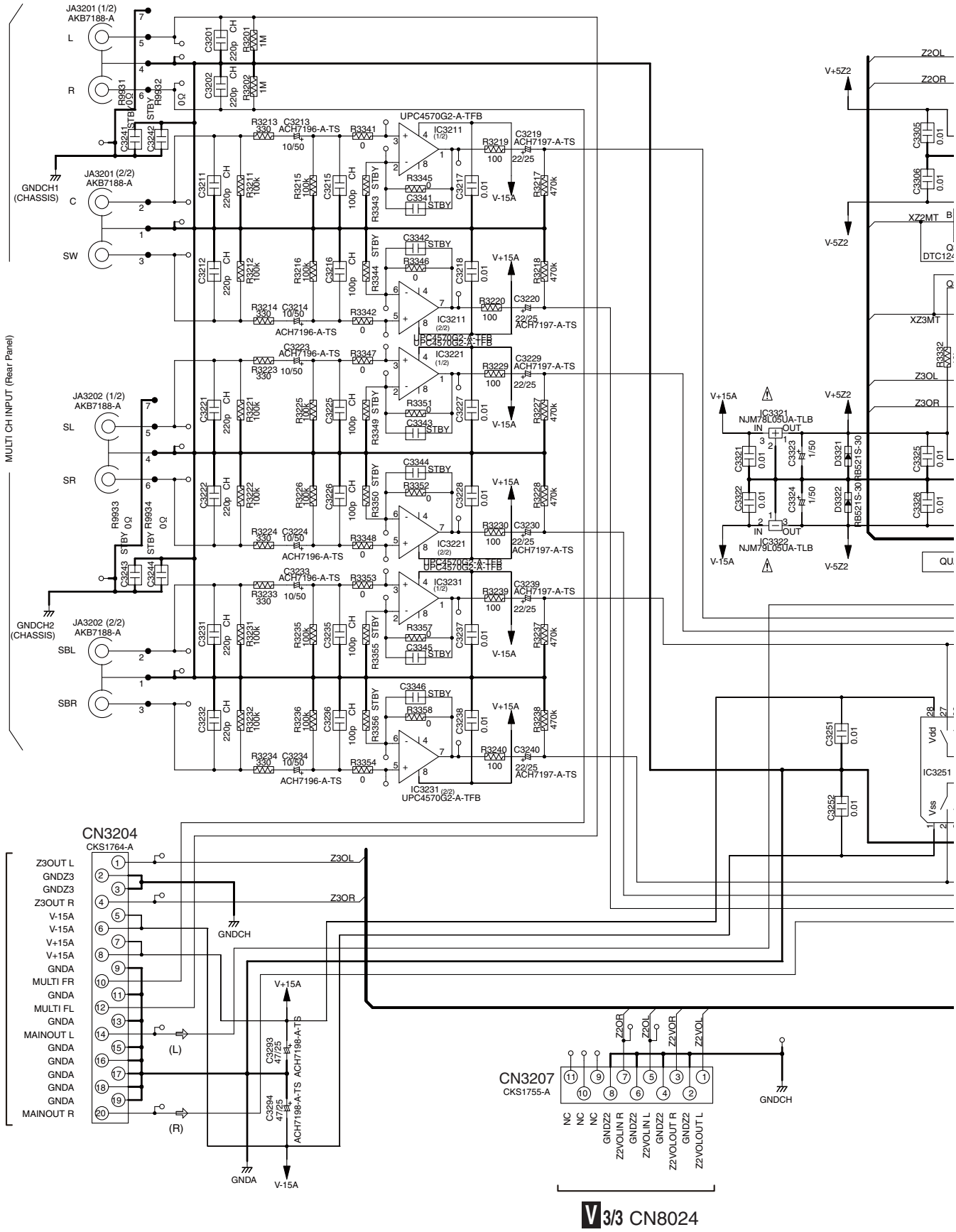
G REC SEL ASSY (AWX8740)

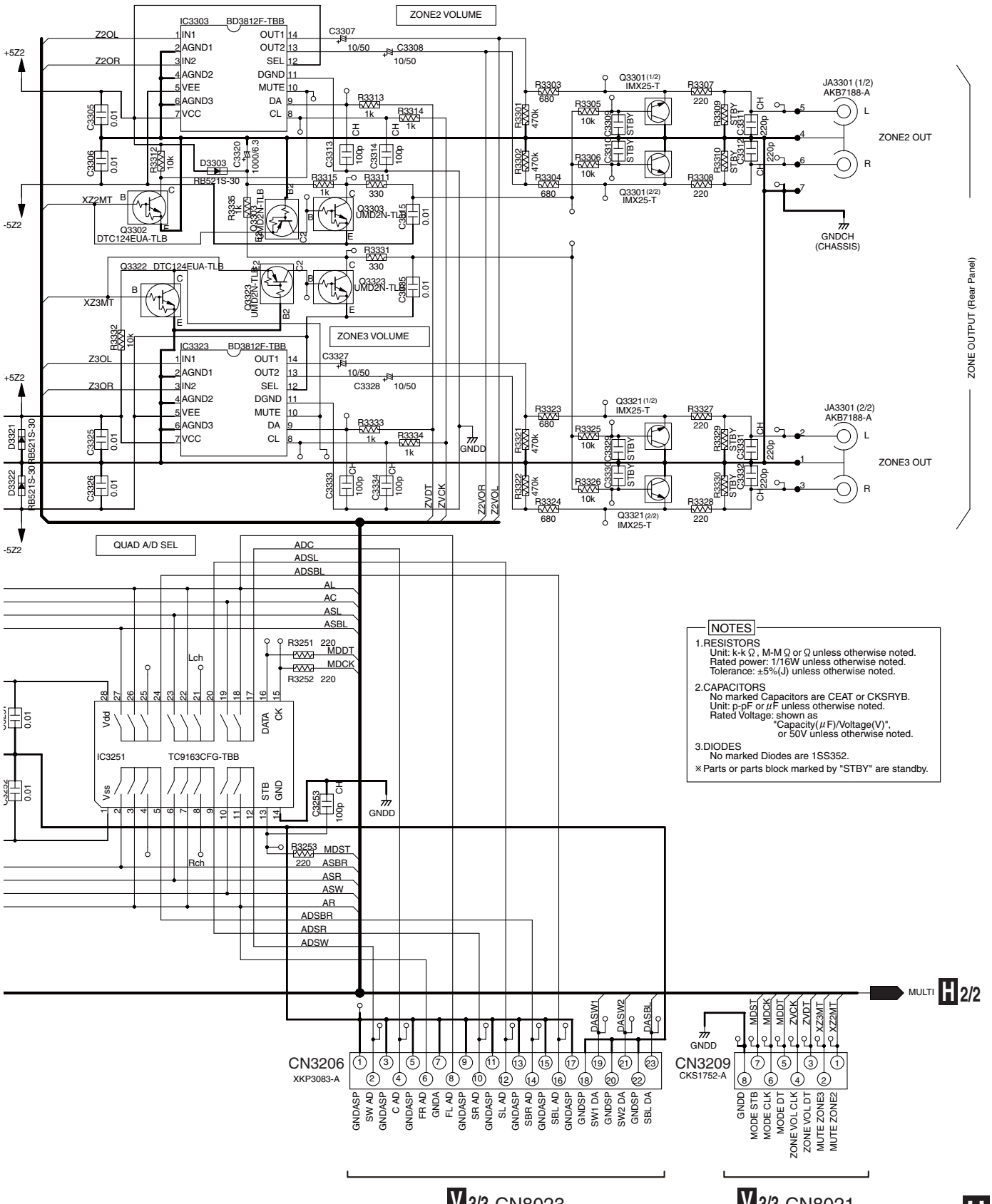



B CN3109
B CN3110
CN3854
CKS1727-A
CN3855
CKS1725-A
V+15A
V+15A
MAINSEL L
GNDA
GNDA
GNDA
MAINSEL R
V-15A
V-15A
GNDSEP
VREC1 L
GNDSEP
VREC1 R
GNDSEP
VREC2 L
GNDSEP
VREC2 R
GNDZ2
Z3SEL L
GNDZ2
Z3SEL R
GNDZ2
Z2SEL L
GNDZ2
Z2SEL R
GNDZ2
GNDZ2
Z2R
GNDZ2
GNDZ2
GNDZ2
Z2L
GNDZ2S
GNDZ2
ZONE2
IC3881
TC9162CFG-TBB
Vdd
Vss
DATA
CK
STB
GND
C3881 0.01
C3882 0.01
R3882 220
R3881 220
R3883 220
C3885 100p
GNDD
C3861 1u
R3861 220
Lch
IC3861
(1/2)
BA4560RF-TBB
R3867 0
C3867 22/25
R3899 0
C3869 STBY
R3669 470k
R3863 470k
C3863 STBY
C3865 0.01
R3865 STBY
R3949 STBY
R3950 STBY
C3870 STBY
R3870 470k
R3864 470k
C3864 STBY
R3900 0
C3866 0.01
R3866 STBY
C3862 1u
R3862 220
Rch
R3868 0
C3868 22/25
IC3861(2/2)
BA4560RF-TBB

10.8 MULTI CH IN ASSY (1/2)

H 1/2 MULTI CH IN ASSY (AWX8739)





NOTES

1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

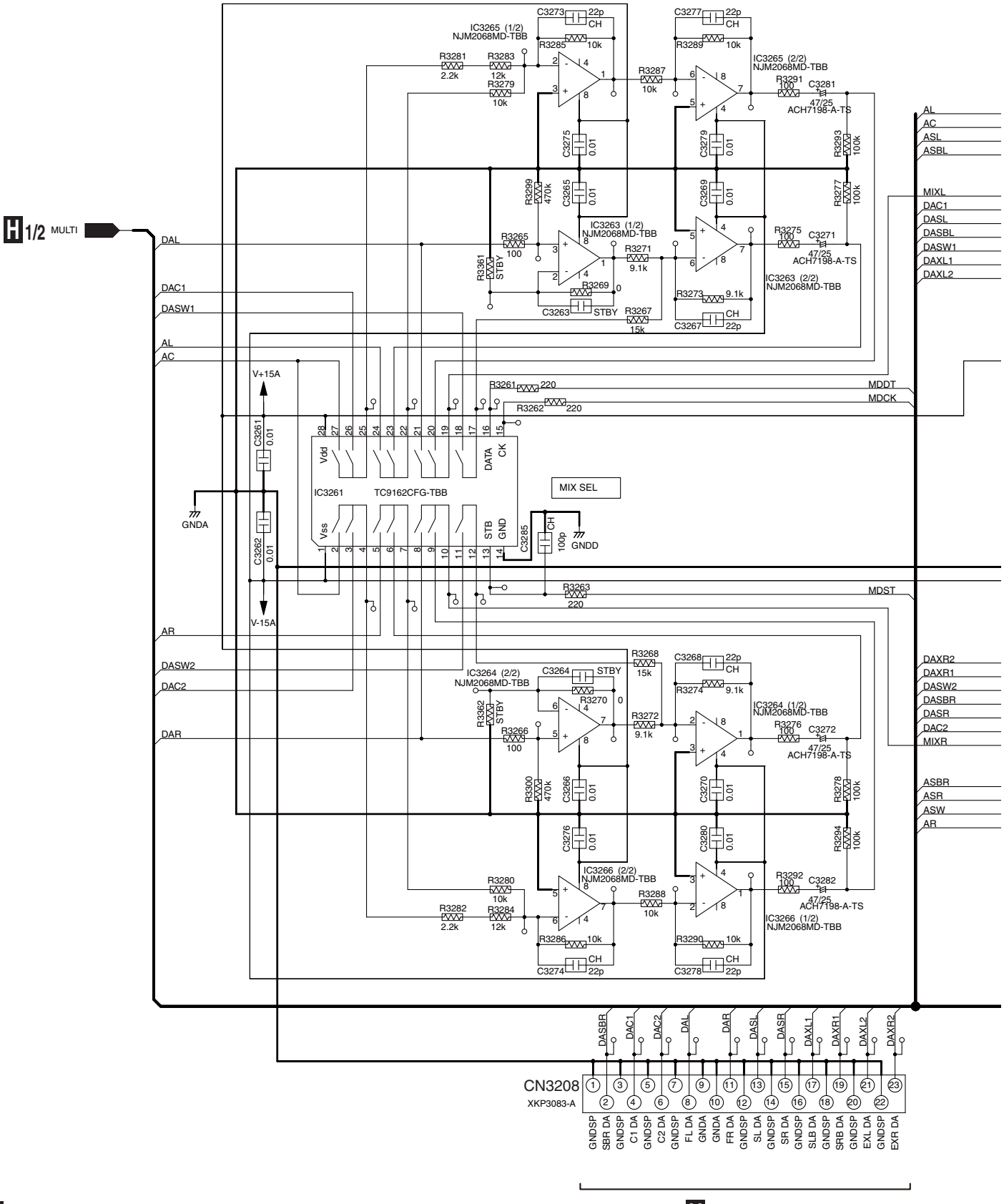
3.DIODES
No marked Diodes are 1SS352.

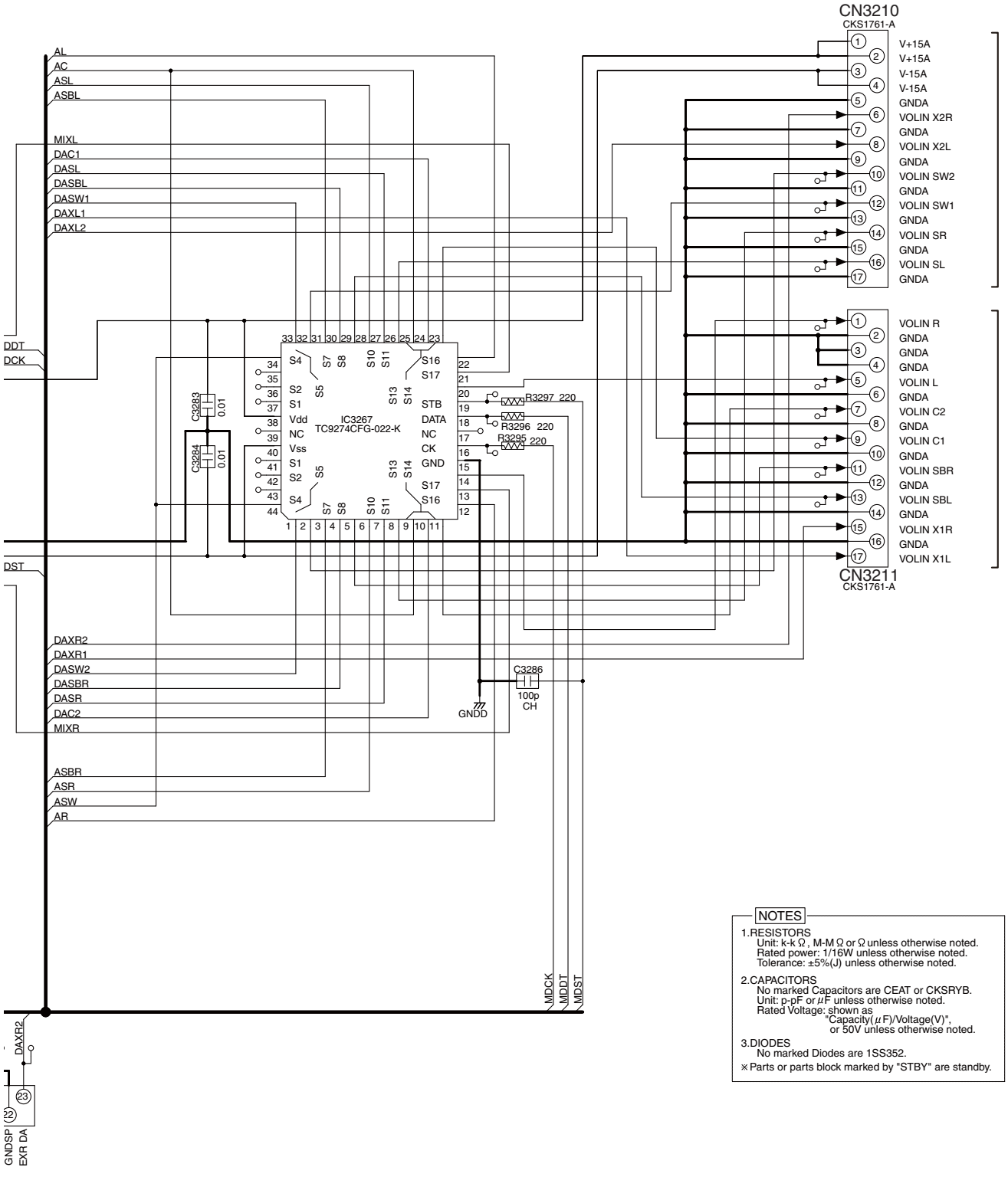
※ Parts or parts block marked by "STBY" are standby.

H 1/2

10.9 MULTI CH IN ASSY (2/2)

H 2/2 MULTI CH IN ASSY (AWX8739)





NOTES

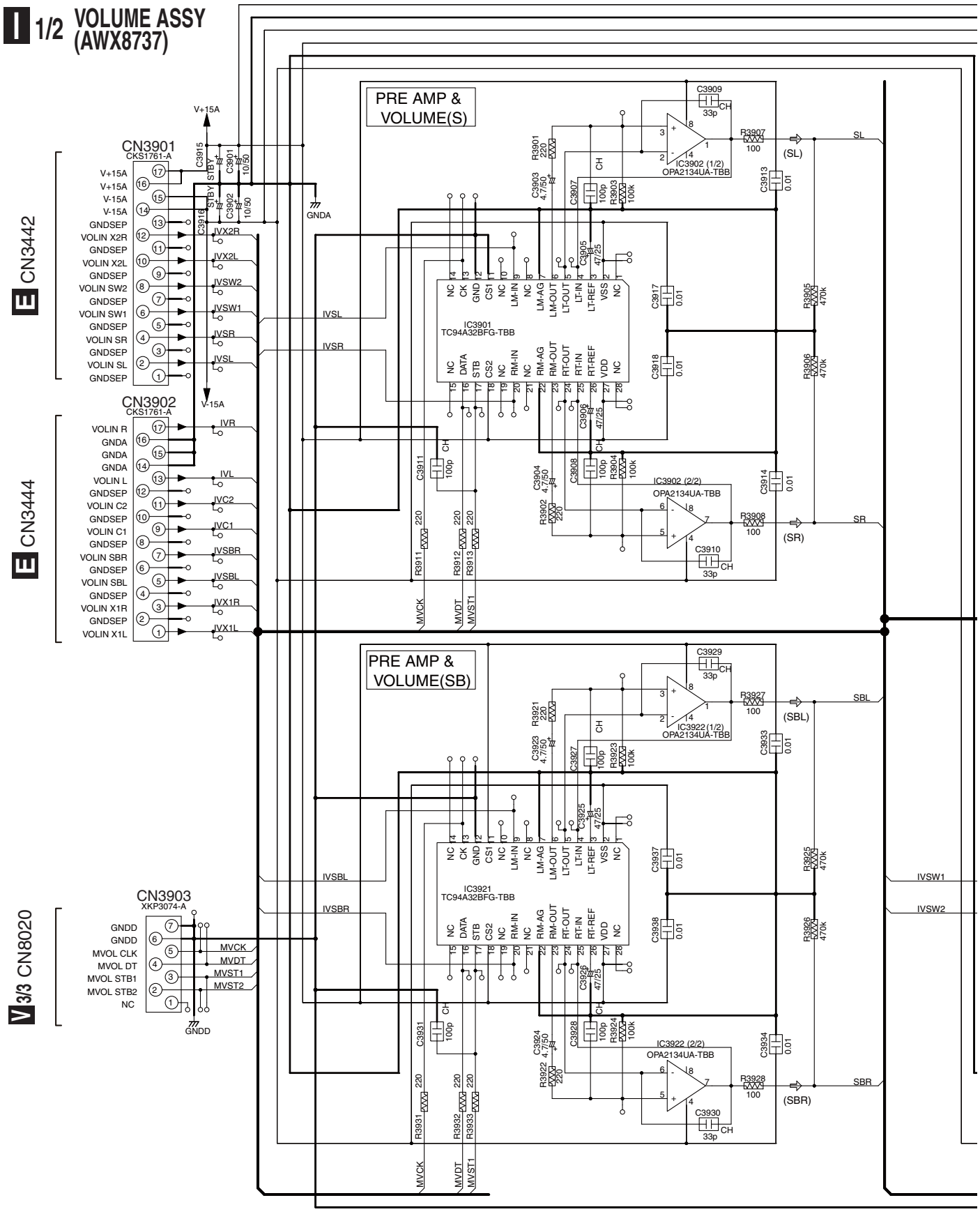
1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

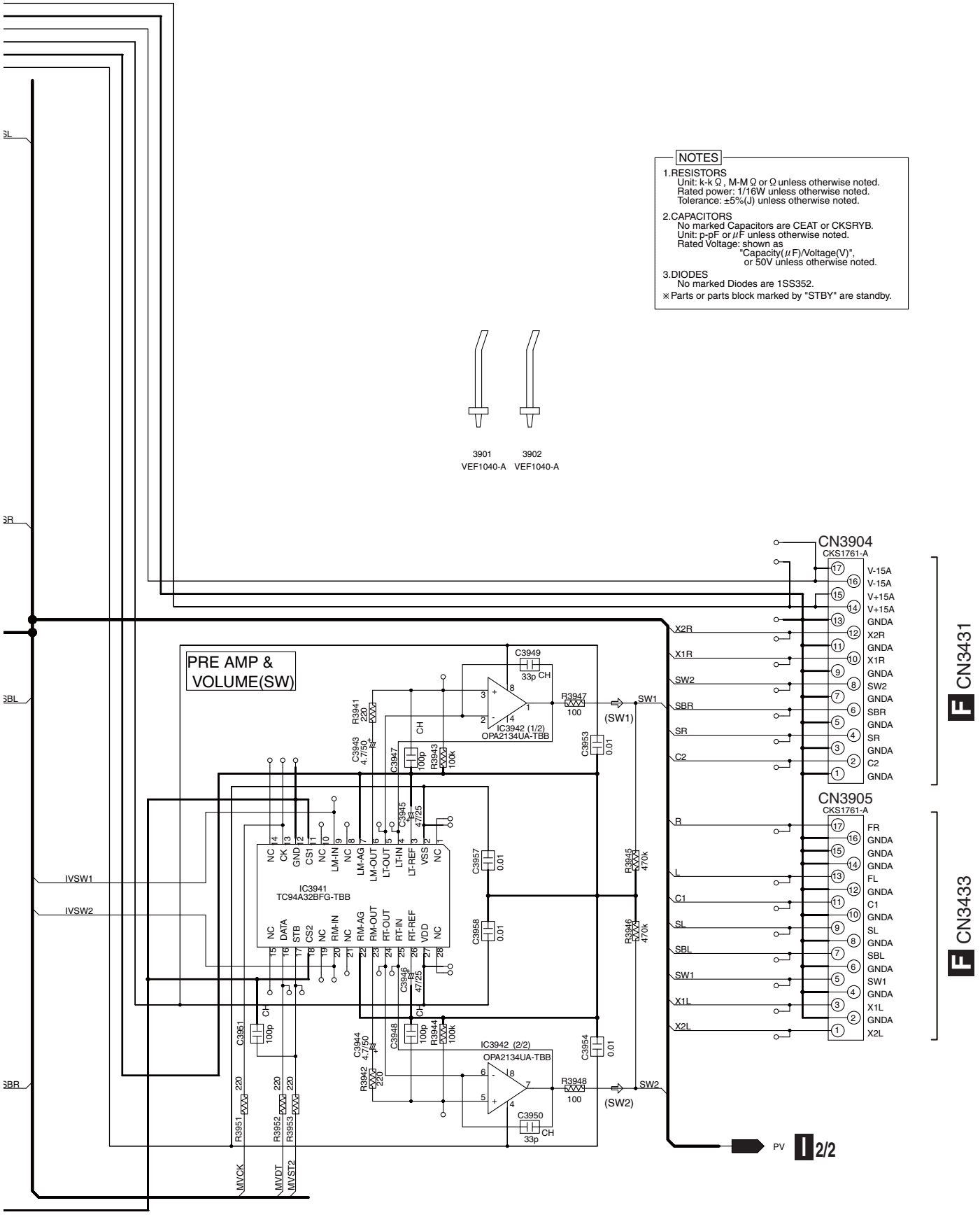
2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

3.DIODES
No marked Diodes are 1SS352.

※Parts or parts block marked by "STBY" are standby.

10.10 VOLUME ASSY (1/2)




NOTES
1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.
2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.
3.DIODES
No marked Diodes are 1SS352.
※Parts or parts block marked by "STBY" are standby.
3901
VEF1040-A
3902
VEF1040-A
PRE AMP &
VOLUME(SW)
IC3941
TC94A32BFG-TBB
IC3942 (1/2)
OPA2134UA-TBB
IC3942 (2/2)
OPA2134UA-TBB
CN3904
CKS1761-A
CN3905
CKS1761-A
F CN3431
F CN3433
IVSW1
IVSW2
MVCK
MVDT
MVST2
SW1
SW2
(SW1)
(SW2)
PV
I 2/2
I 1/2

10.11 VOLUME ASSY (2/2)

NOTES

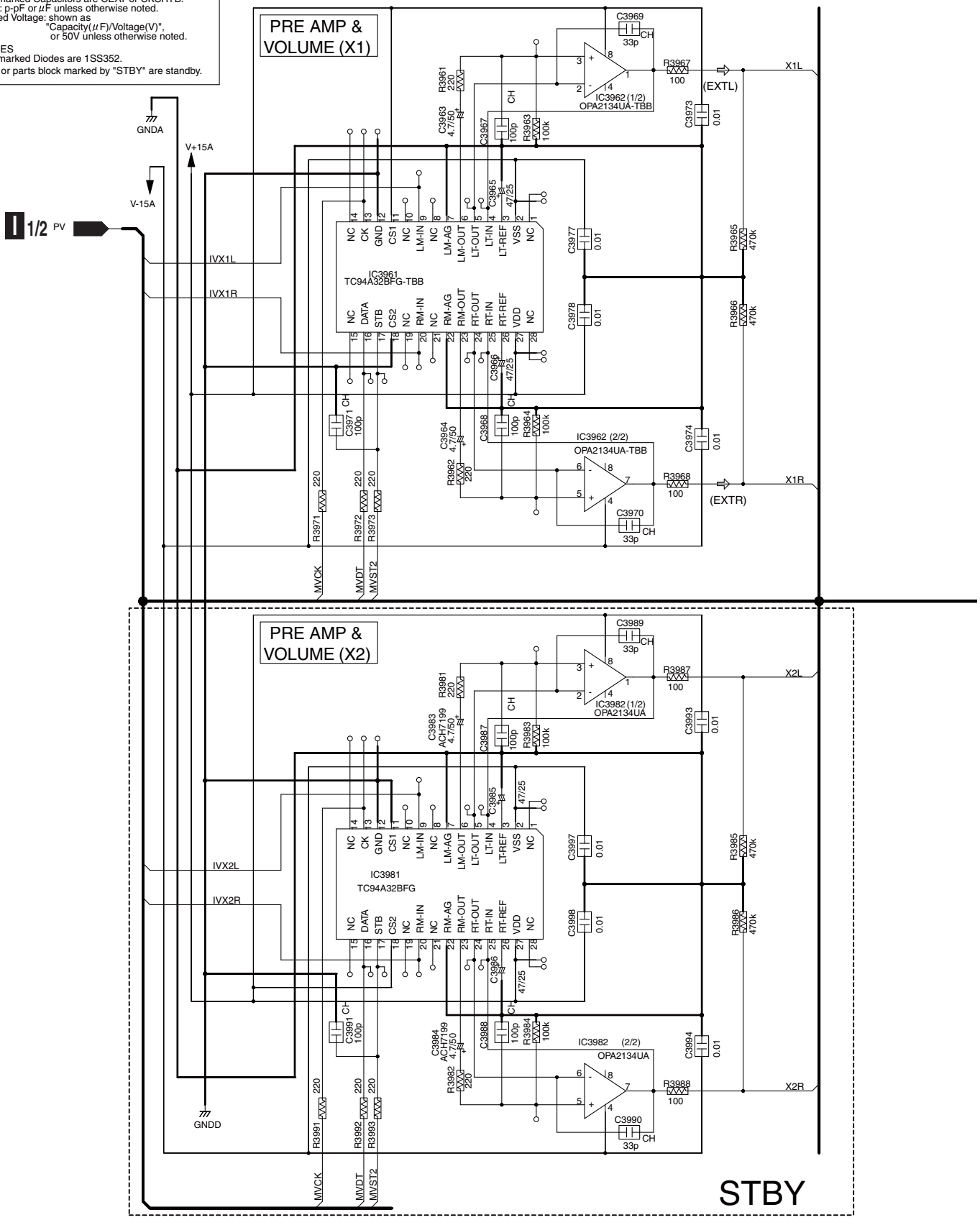
1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

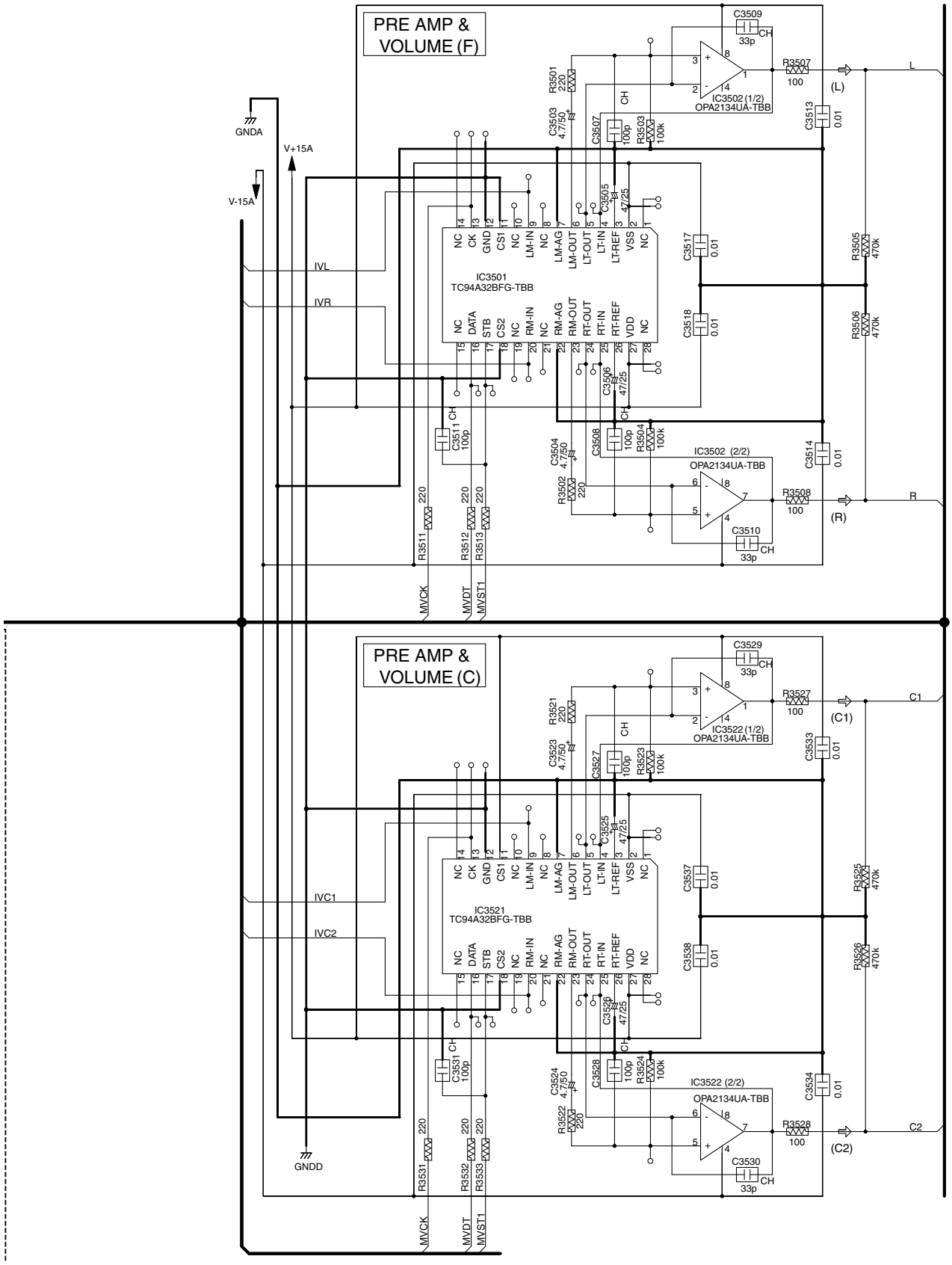
3.DIODES
No marked Diodes are 1SS352.

※Parts or parts block marked by "STBY" are standby.

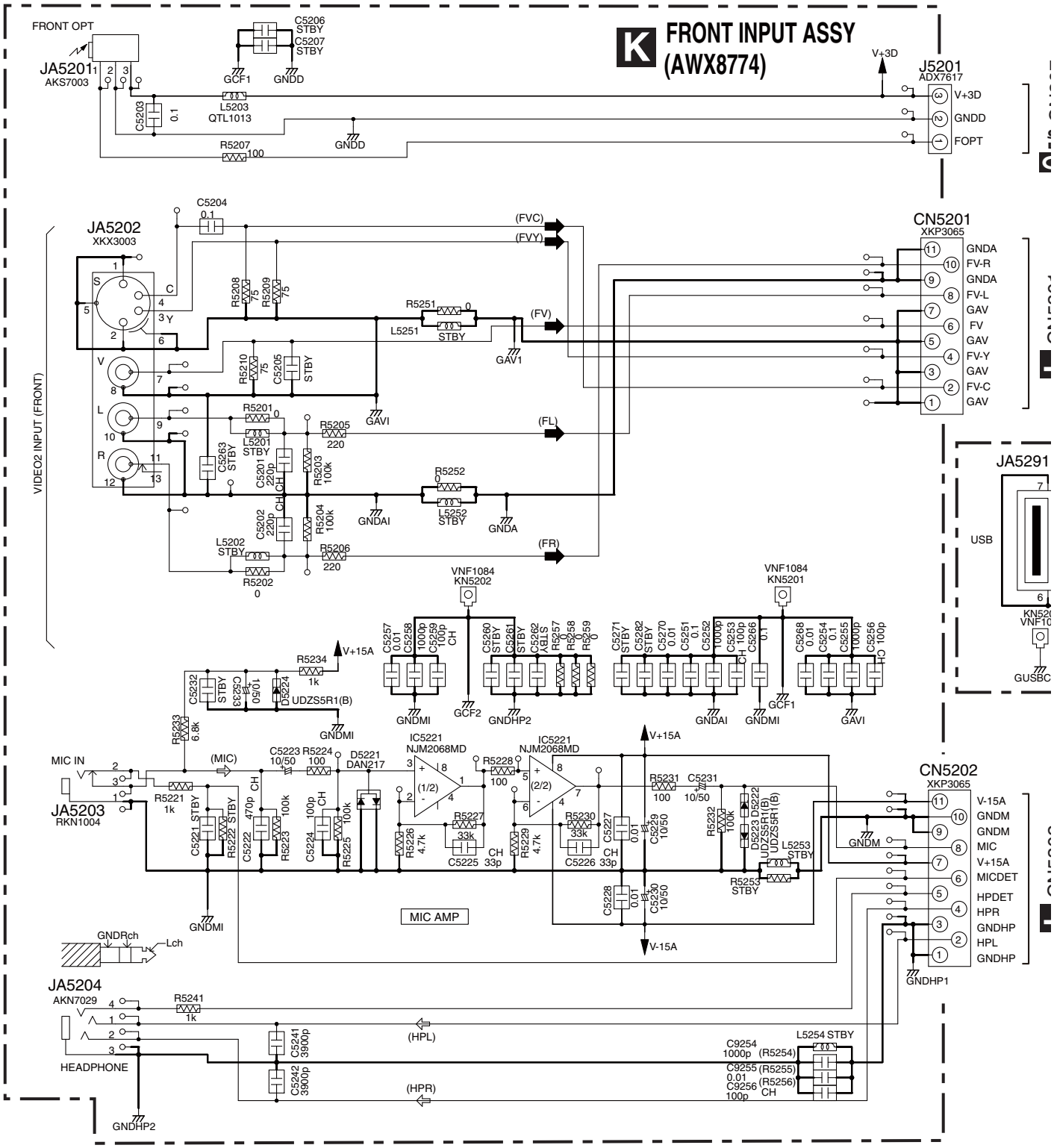
2/2 VOLUME ASSY (AWX8737)

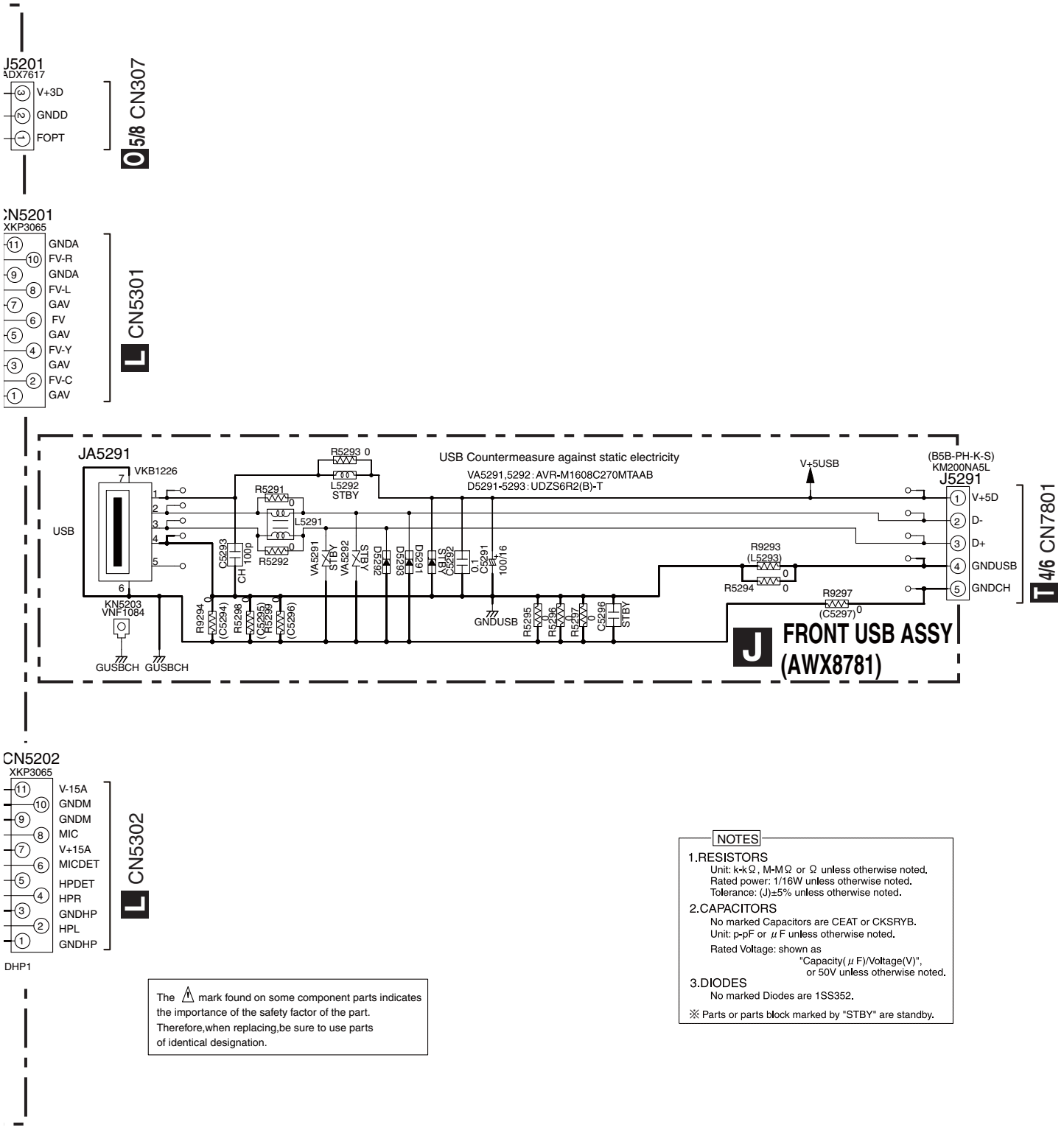


2/2


PRE AMP & VOLUME (F)
PRE AMP & VOLUME (C)
GNDA
V+15A
V-15A
GNDD
IVL
IVR
IVC1
IVC2
IC3501 TC94A32BFG-TBB
IC3521 TC94A32BFG-TBB
IC3502(1/2) OPA2134UA-TBB
IC3502 (2/2) OPA2134UA-TBB
IC3522(1/2) OPA2134UA-TBB
IC3522 (2/2) OPA2134UA-TBB
L
R
C1
C2
(L)
(R)
(C1)
(C2)
MVCK
MVDT
MVST1

10.12 FRONT USB and FRONT INPUT ASSYS





The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore,when replacing,be sure to use parts of identical designation.

NOTES

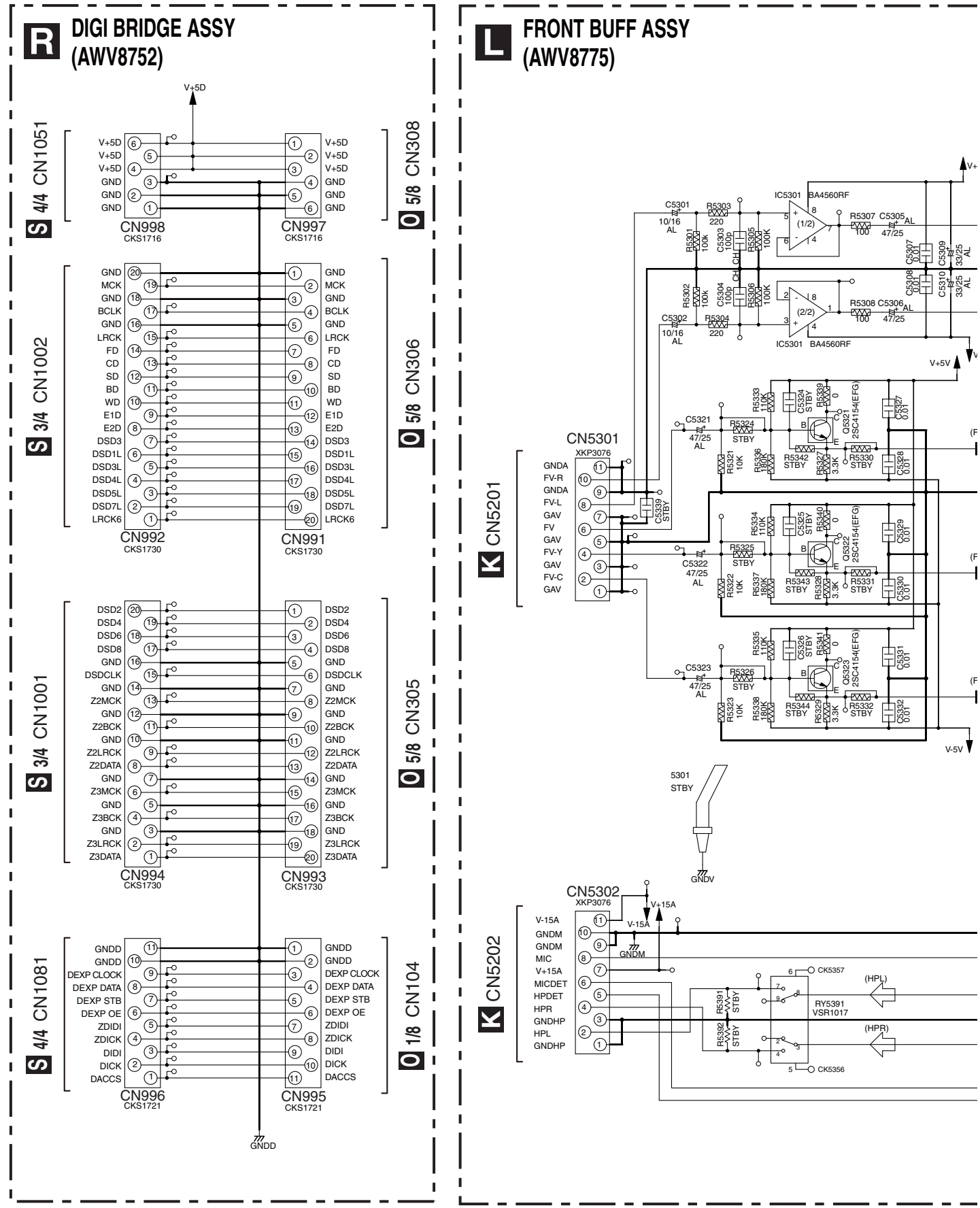
1.RESISTORS
Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: (J)±5% unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as "Capacity(μF)/Voltage(V)", or 50V unless otherwise noted.

3.DIODES
No marked Diodes are 1SS352.

※ Parts or parts block marked by "STBY" are standby.

10.13 DIGI BRIDGE and BUFF ASSYS



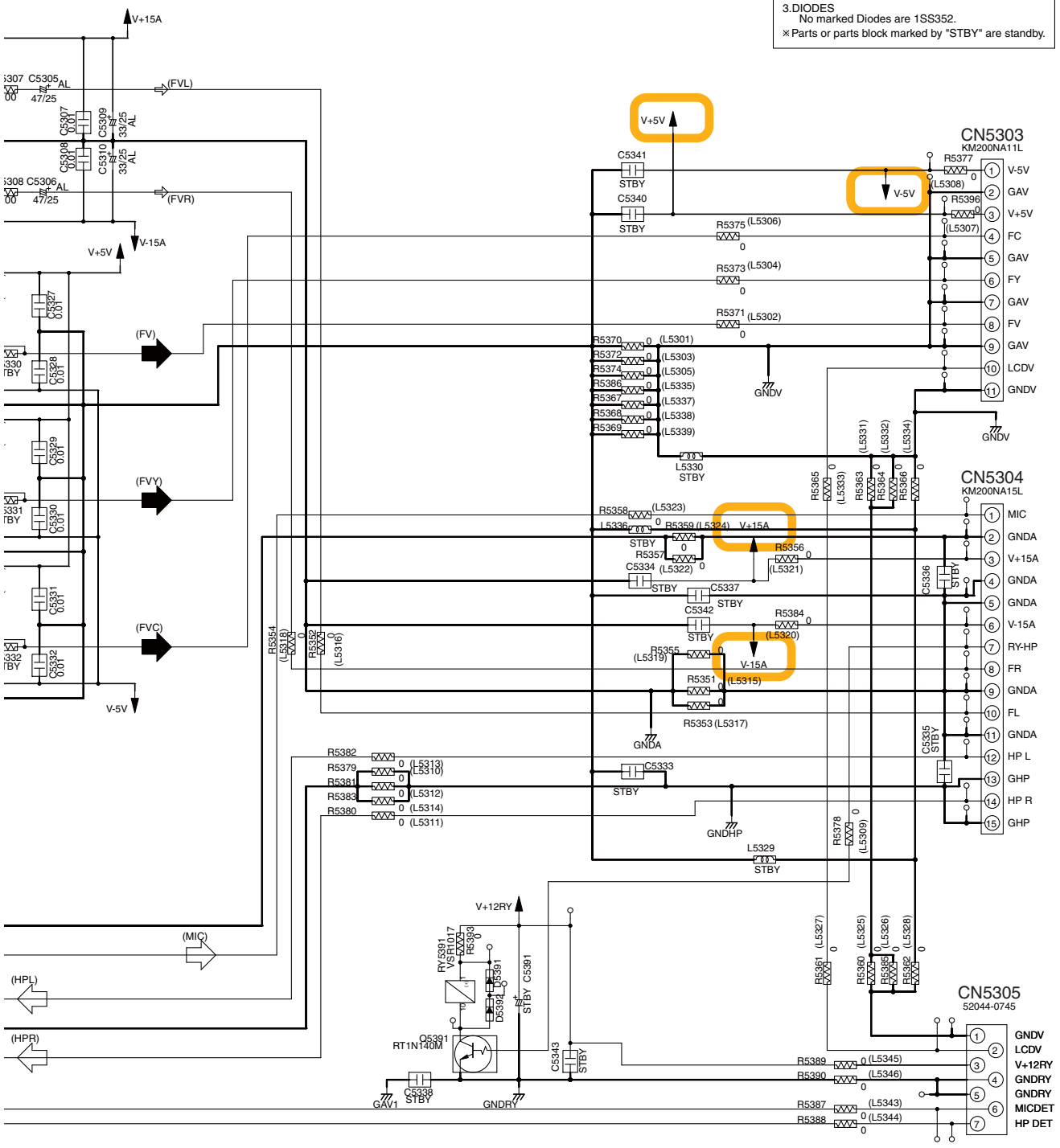
NOTES

1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

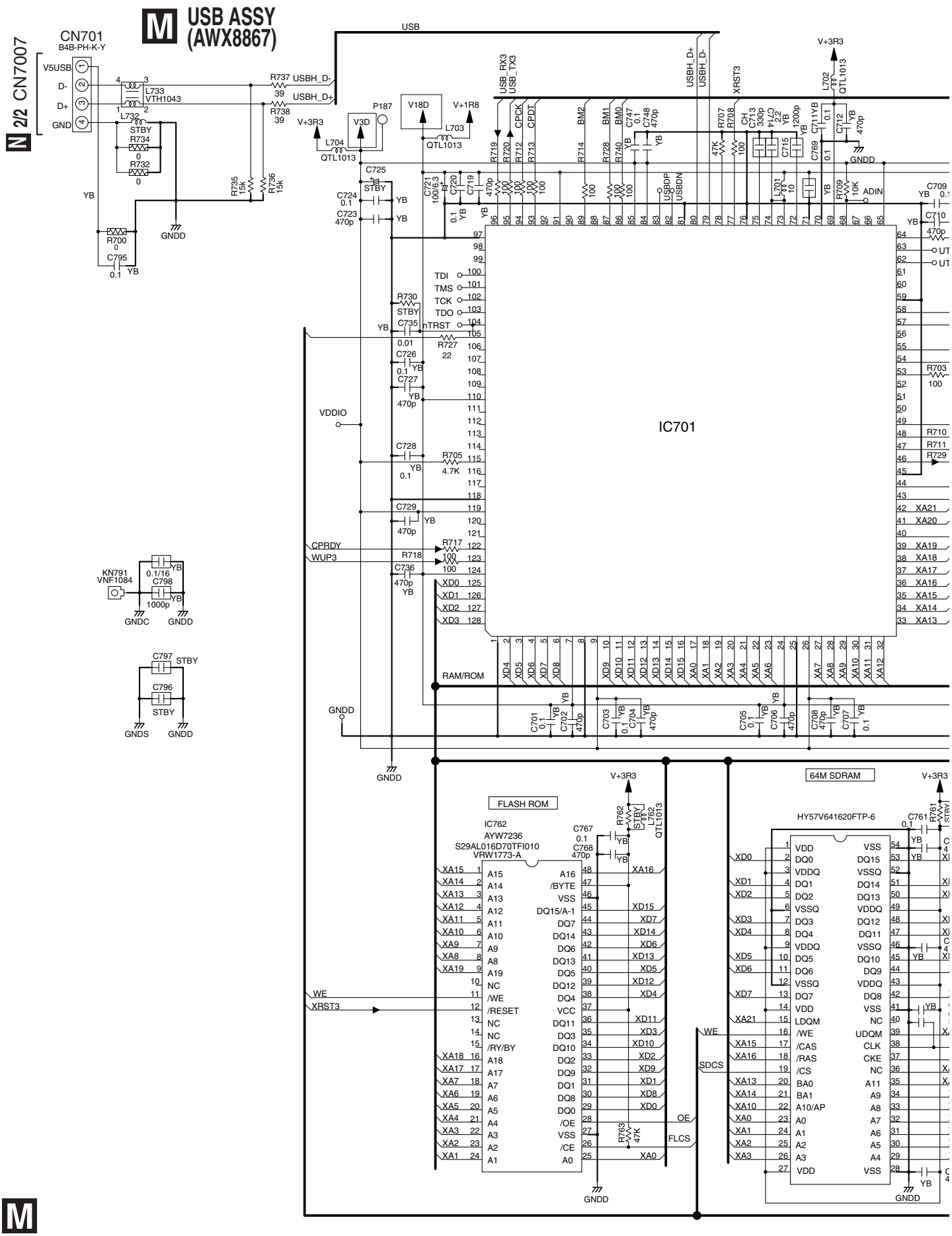
2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

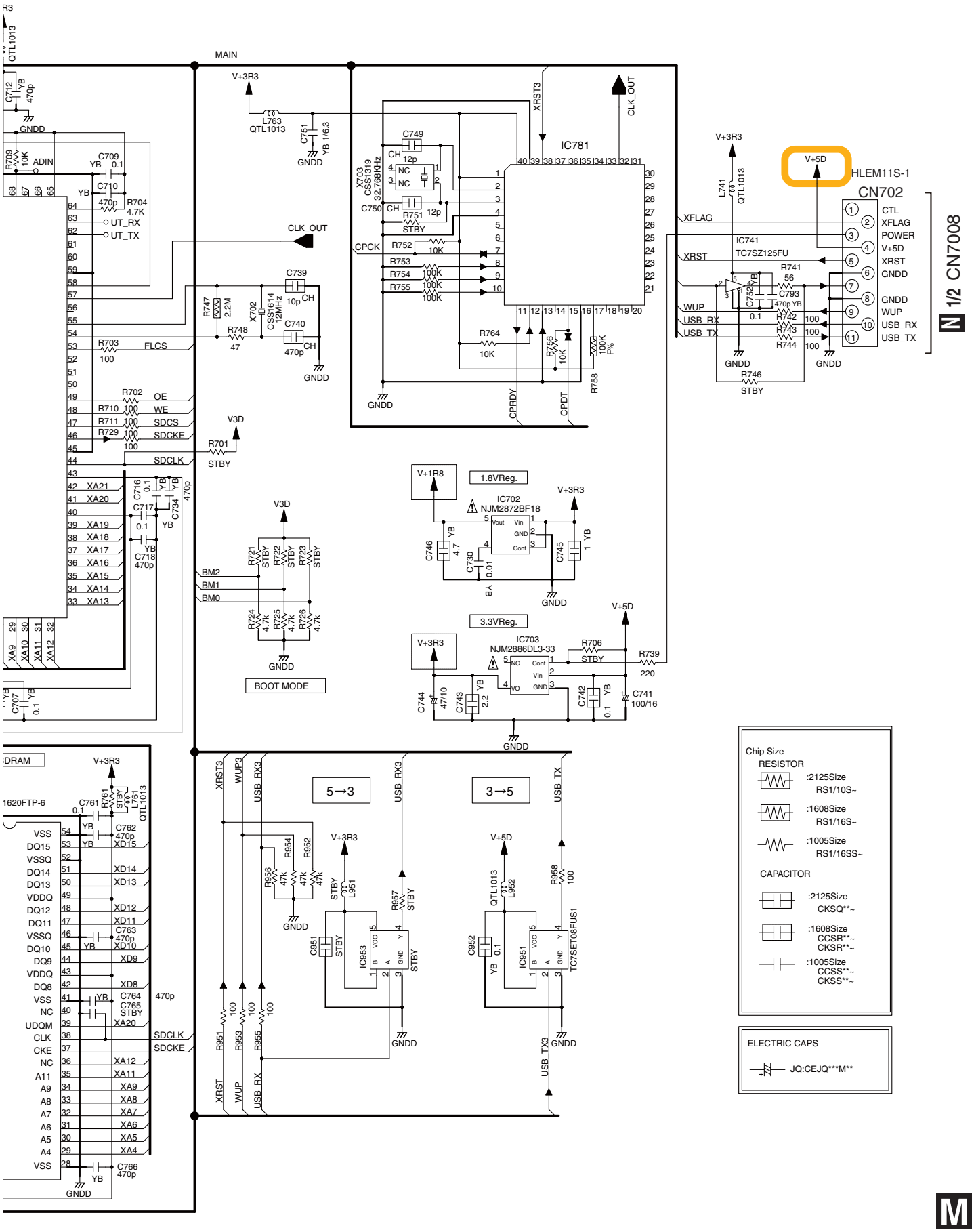
3.DIODES
No marked Diodes are 1SS352.

※Parts or parts block marked by "STBY" are standby.

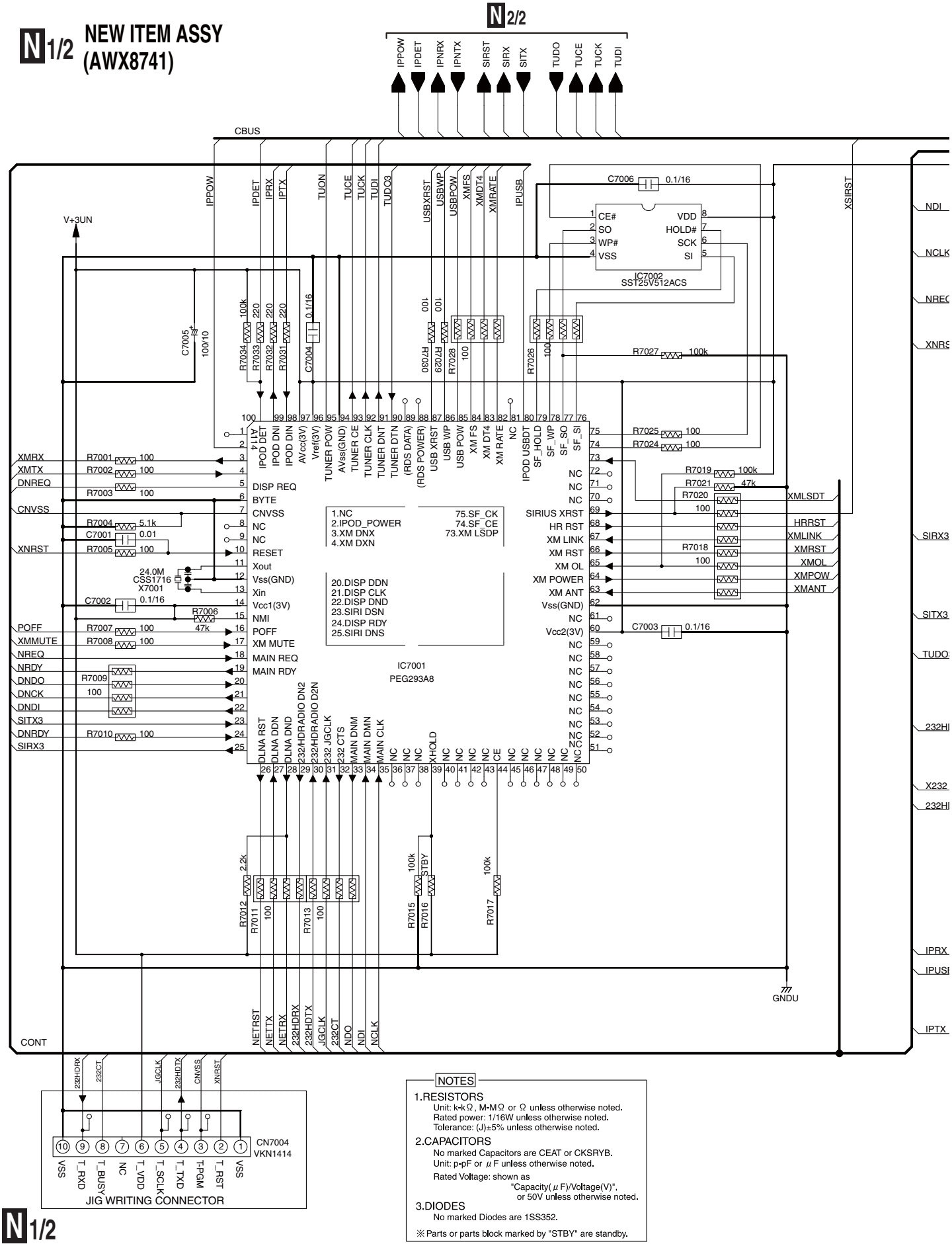


10.14 USB ASSY




MAIN
IC781
IC741
TC7SZ125FU
CN702
HLEM11S-1
1/2 CN7008
IC702
NJM2872BF18
1.8VReg.
IC703
NJM2886DL3-33
3.3VReg.
BOOT MODE
5→3
3→5
V+3R3
V+5D
V+1R8
V3D
GNDD
CLK_OUT
XRST3
WUP3
USB_RX3
USB_TX
XRST
WUP
USB_RX
USB_TX
USB_TX3
SDCLK
SDCKE
Chip Size
RESISTOR
:2125Size RS1/10S~
:1608Size RS1/16S~
:1005Size RS1/16SS~
CAPACITOR
:2125Size CKSQ**~
:1608Size CCSR**~ CKSR**~
:1005Size CCSS**~ CKSS**~
ELECTRIC CAPS
JQ:CEJQ***M**

N 1/2 NEW ITEM ASSY (AWX8741)



NOTES

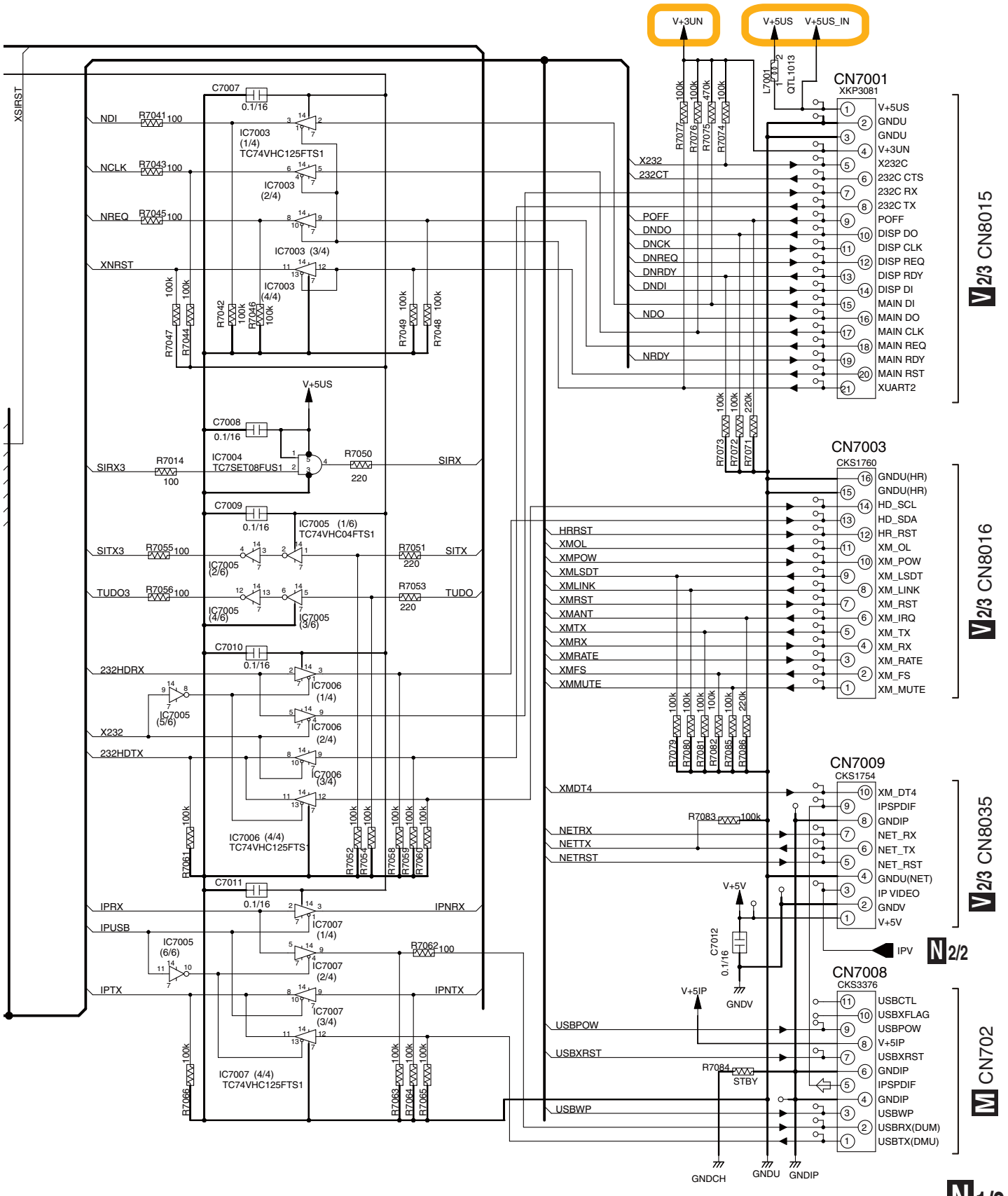
1.RESISTORS
Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: (J)±5% unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as "Capacity(μF)/Voltage(V)", or 50V unless otherwise noted.

3.DIODES
No marked Diodes are 1SS352.

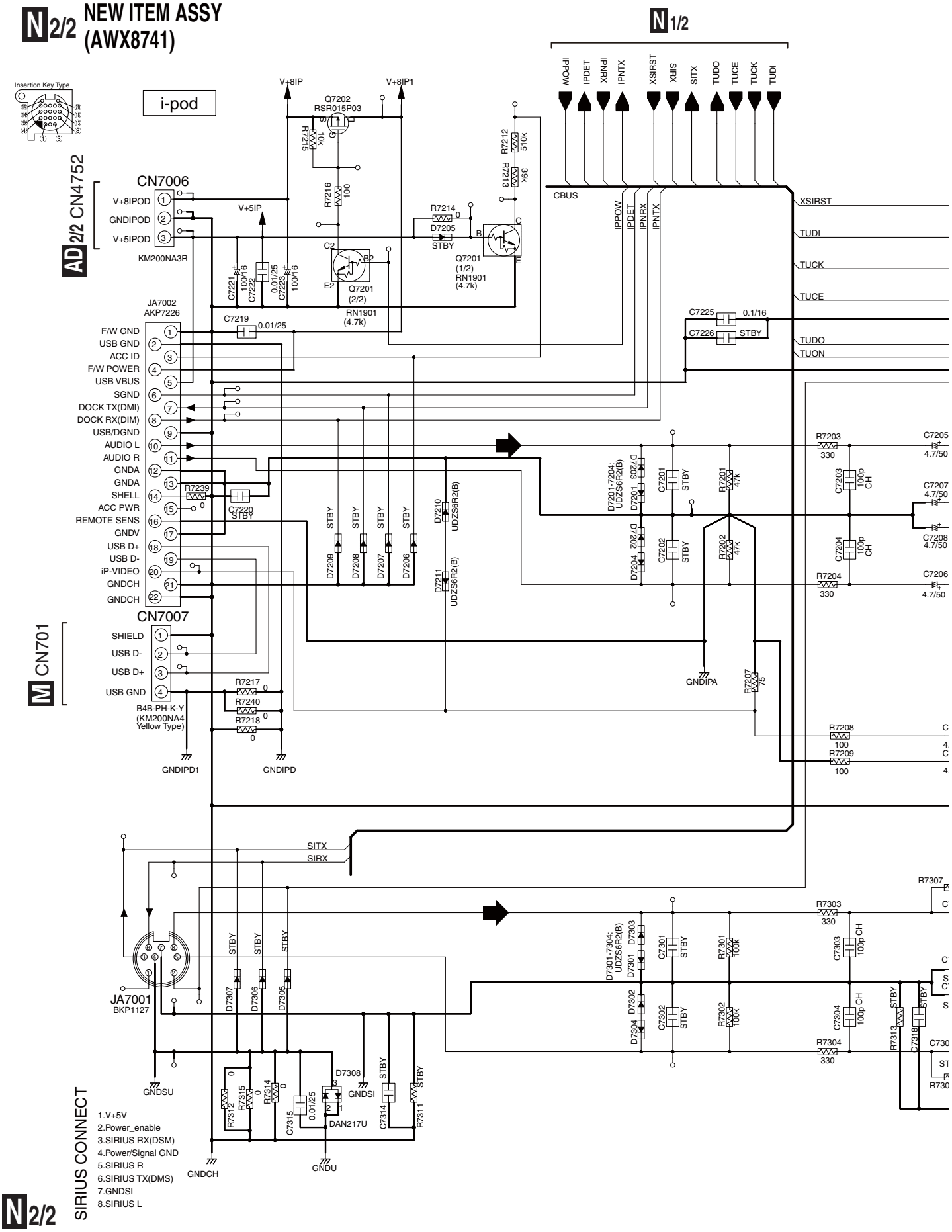
※Parts or parts block marked by "STBY" are standby.

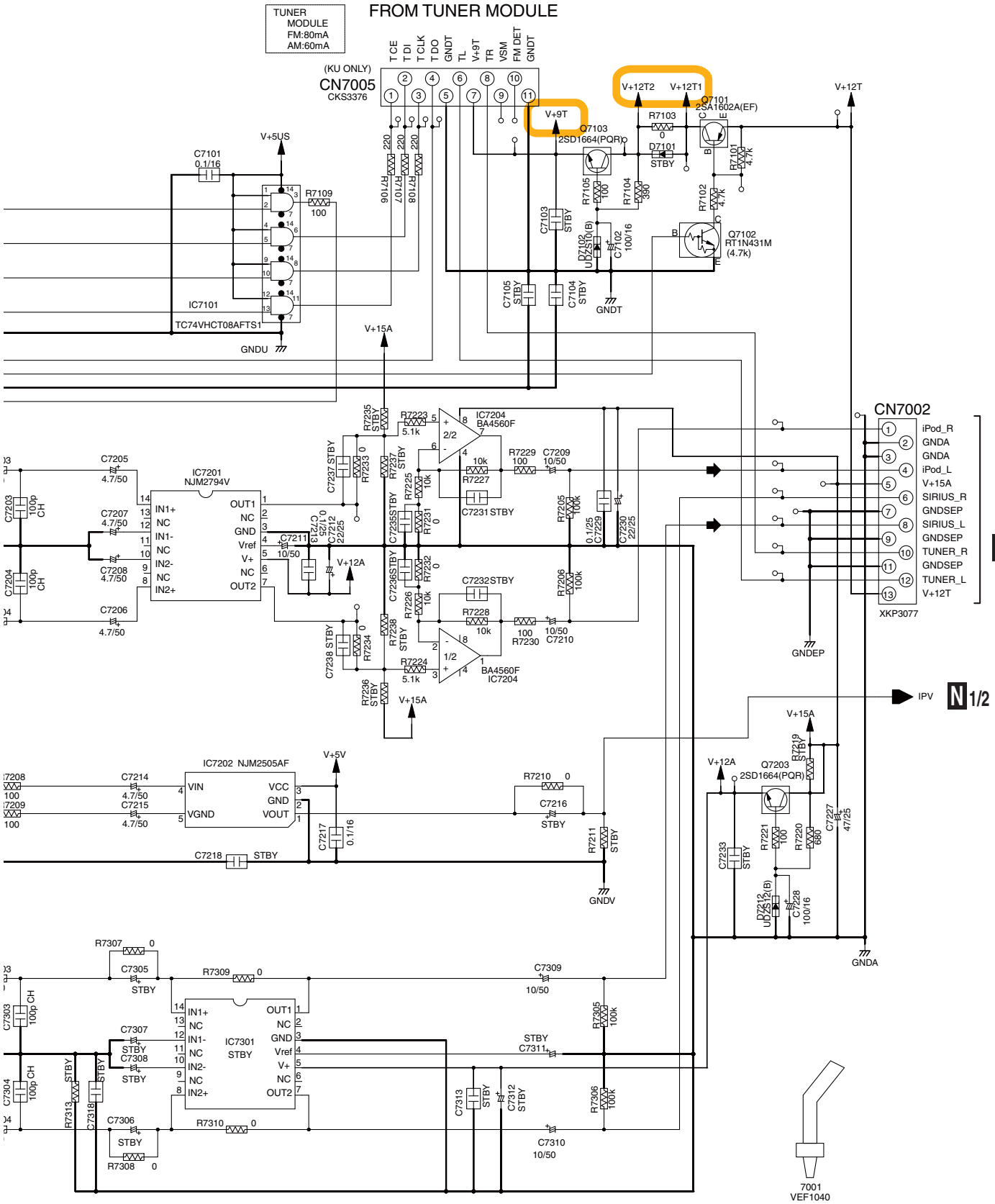
N 1/2


V+3UN
V+5US
V+5US_IN
CN7001
XKP3081
V+5US
GNDU
GNDU
V+3UN
X232C
232C CTS
232C RX
232C TX
POFF
DISP DO
DISP CLK
DISP REQ
DISP RDY
DISP DI
MAIN DI
MAIN DO
MAIN CLK
MAIN REQ
MAIN RDY
MAIN RST
XUART2
V 2/3 CN8015
CN7003
CKS1760
GNDU(HR)
GNDU(HR)
HD_SCL
HD_SDA
HR_RST
XM_OL
XM_POW
XM_LSDT
XM_LINK
XM_RST
XM_IRQ
XM_TX
XM_RX
XM_RATE
XM_FS
XM_MUTE
V 2/3 CN8016
CN7009
CKS1754
XM_DT4
IPSPDIF
GNDIP
NET_RX
NET_TX
NET_RST
GNDU(NET)
IP VIDEO
GNDV
V+5V
V 2/3 CN8035
IPV
N 2/2
CN7008
CKS3376
USBCTL
USBXFLAG
USBPOW
V+5IP
USBXRST
GNDIP
IPSPDIF
GNDIP
USBWP
USBRX(DUM)
USBTX(DMU)
M CN702
N 1/2
XSIRST
NDI
NCLK
NREQ
XNRST
SIRX3
SITX3
TUDO3
232HDRX
X232
232HDTX
IPRX
IPUSB
IPTX
SIRX
SITX
TUDO
IPNRX
IPNTX
IC7003 (1/4) TC74VHC125FTS1
IC7003 (2/4)
IC7003 (3/4)
IC7003 (4/4)
IC7004 TC7SET08FUS1
IC7005 (1/6) TC74VHC04FTS1
IC7005 (2/6)
IC7005 (3/6)
IC7005 (4/6)
IC7005 (5/6)
IC7005 (6/6)
IC7006 (1/4)
IC7006 (2/4)
IC7006 (3/4)
IC7006 (4/4) TC74VHC125FTS
IC7007 (1/4)
IC7007 (2/4)
IC7007 (3/4)
IC7007 (4/4) TC74VHC125FTS1
X232
232CT
POFF
DNDO
DNCK
DNREQ
DNRDY
DNDI
NDO
NRDY
HRRST
XMOL
XMPOW
XMLSDT
XMLINK
XMRST
XMANT
XMTX
XMRX
XMRATE
XMFS
XMMUTE
XMDT4
NETRX
NETTX
NETRST
USBPOW
USBXRST
USBWP
V+5V
V+5IP
GNDV
STBY
GNDCH
GNDU
GNDIP

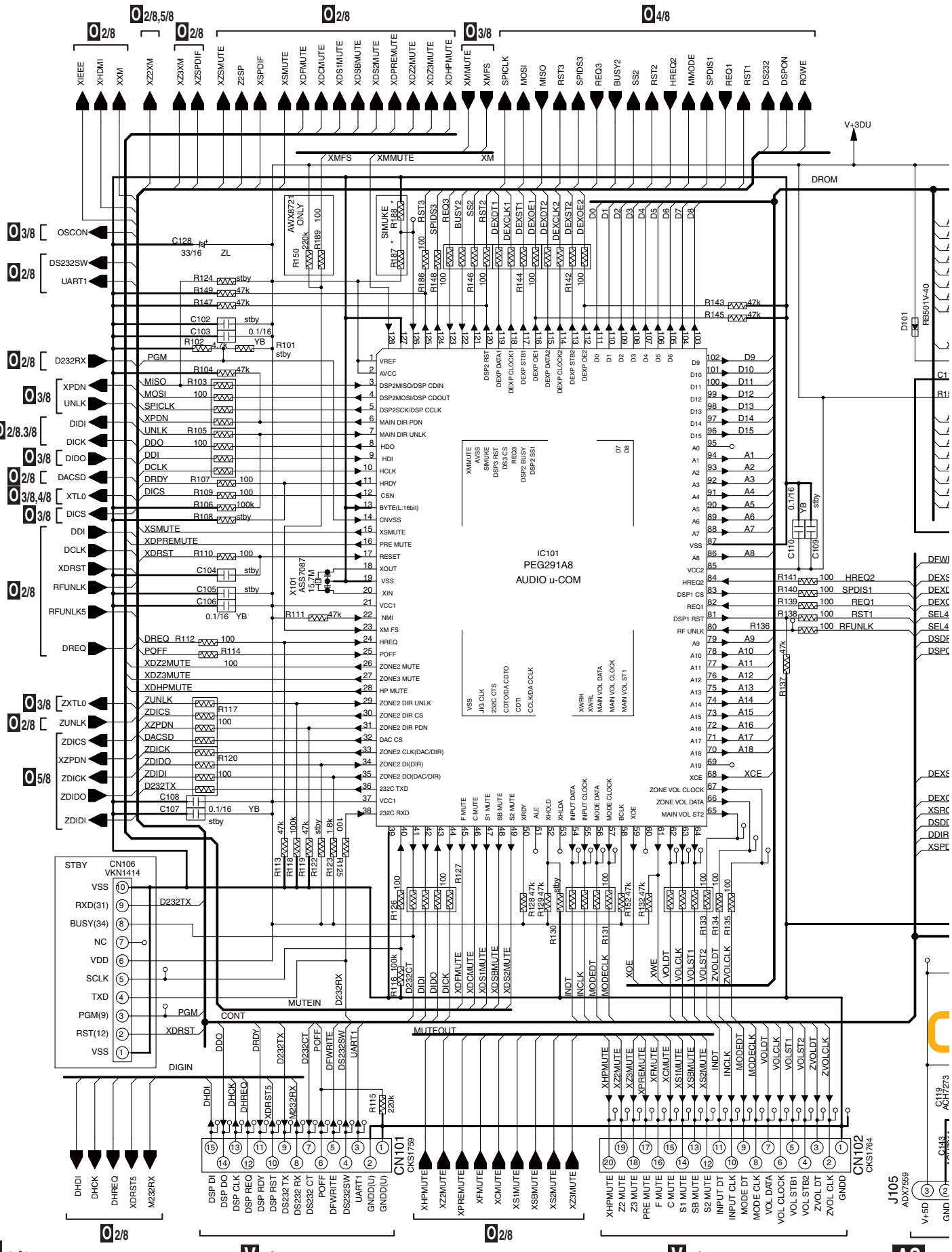
10.16 NEW ITEM ASSY (2/2)

N 2/2 NEW ITEM ASSY (AWX8741)




FROM TUNER MODULE
TUNER MODULE FM:80mA AM:60mA
(KU ONLY)
CN7005
CKS3376
T CE
T DI
T CLK
T DO
GNDT
TL
V+9T
TR
VSM
FM DET
GNDT
V+9T
V+12T2
V+12T1
V+12T
Q7101 2SA1602A(EF)
Q7103 2SD1664(PQR)
R7103 0
D7101 STBY
R7101 4.7k
R7102 4.7k
R7104 390
R7105 100
R7106 220
R7107 220
R7108 220
C7101 0.1/16
V+5US
R7109 100
IC7101
TC74VHCT08AFTS1
GNDU
C7103 STBY
D7102 UDZS10(B)
C7102 100/16
Q7102 RT1N431M (4.7k)
C7105 STBY
C7104 STBY
GNDT
V+15A
CN7002
iPod_R
GNDA
GNDA
iPod_L
V+15A
SIRIUS_R
GNDSEP
SIRIUS_L
GNDSEP
TUNER_R
GNDSEP
TUNER_L
V+12T
XKP3077
C CN3412
GNDEP
IC7204 BA4560F
R7223 5.1k
R7224 5.1k
R7225 10k
R7226 10k
R7227 10k
R7228 10k
R7229 100
C7209 10/50
R7230 100
C7210 10/50
C7231 STBY
C7232 STBY
R7231 0
R7232 0
R7233 0
R7234 0
R7235 STBY
R7236 STBY
R7237 STBY
R7238 STBY
C7235 STBY
C7236 STBY
C7237 STBY
C7238 STBY
IC7201 NJM2794V
C7205 4.7/50
C7206 4.7/50
C7207 4.7/50
C7208 4.7/50
C7203 100p CH
C7204 100p CH
C7211 10/50
C7212 0.1/25
C7213 0.1/25
C7220 22/25
C7229 0.1/25
R7205 100k
R7206 100k
V+12A
IPV
N 1/2
IC7202 NJM2505AF
C7214 4.7/50
C7215 4.7/50
R7208 100
R7209 100
C7216 STBY
C7217 0.1/16
C7218 STBY
R7210 0
R7211 STBY
V+5V
GNDV
Q7203 2SD1664(PQR)
R7219 STBY
R7220 680
R7221 100
C7227 47/25
C7233 STBY
D7212 UDZS12(B)
C7228 100/16
GNDA
IC7301 STBY
R7307 0
R7308 0
R7309 0
R7310 0
C7305 STBY
C7306 STBY
C7307 STBY
C7308 STBY
C7309 10/50
C7310 10/50
C7311 STBY
C7312 STBY
C7313 STBY
C7303 100p CH
C7304 100p CH
R7313 STBY
C7318 STBY
R7305 100k
R7306 100k
7001 VEF1040

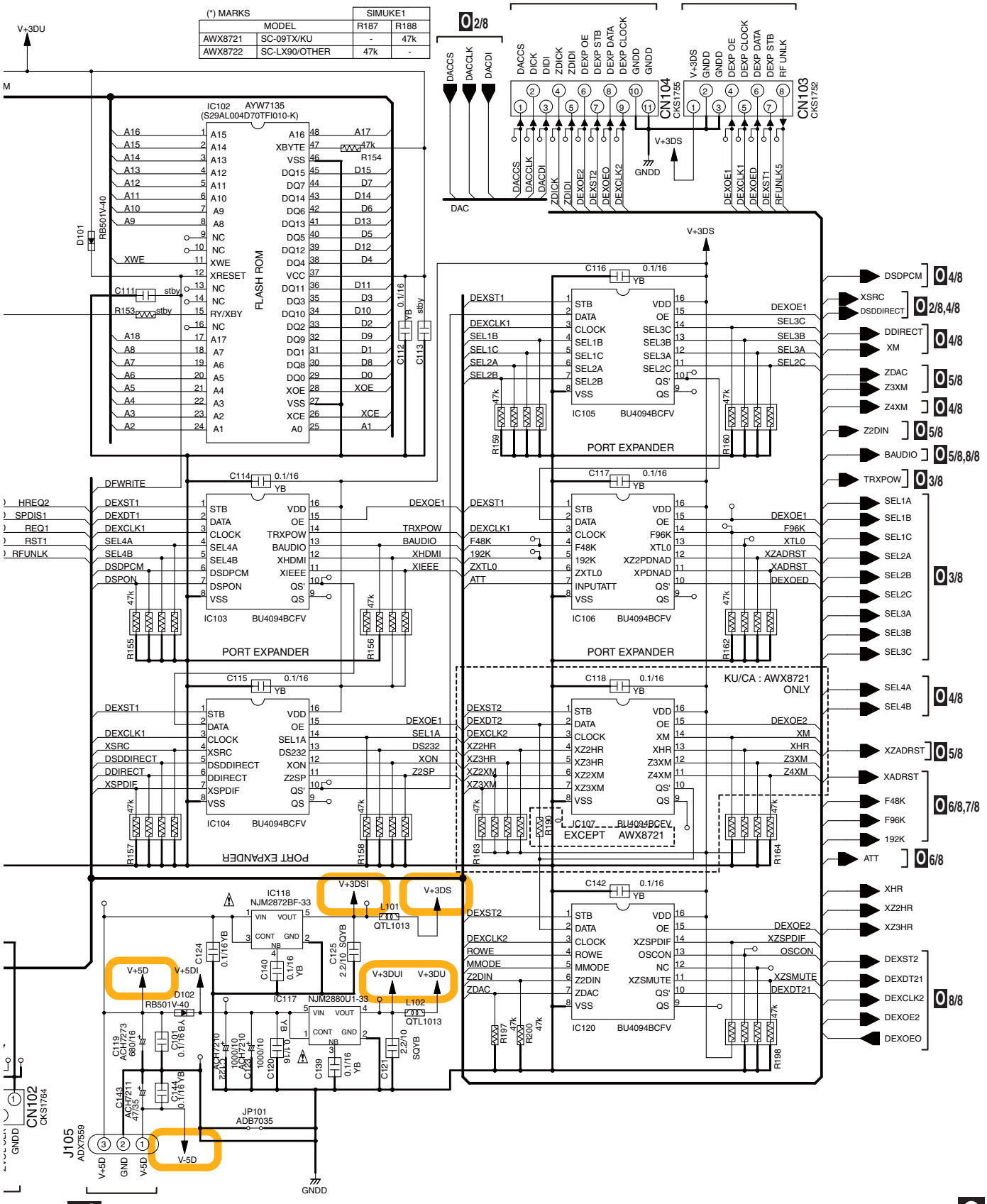
10.17 MAIN DIGITAL ASSY (1/8)



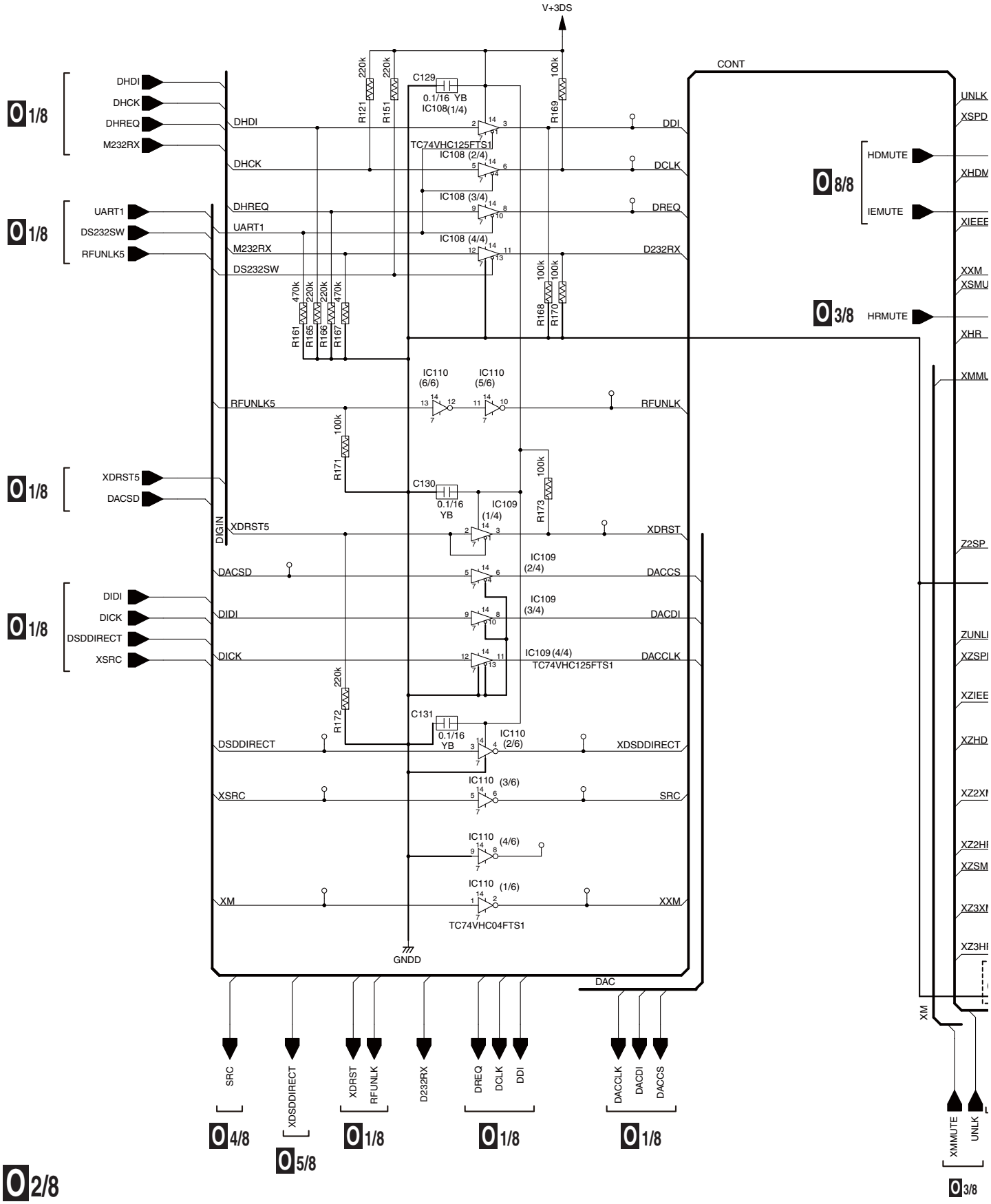
MAIN DIGITAL ASSY
O 1/8 (JJ:AWX8722)
(KU/CA:AWX8721)

R CN995 V 2/3 CN8005

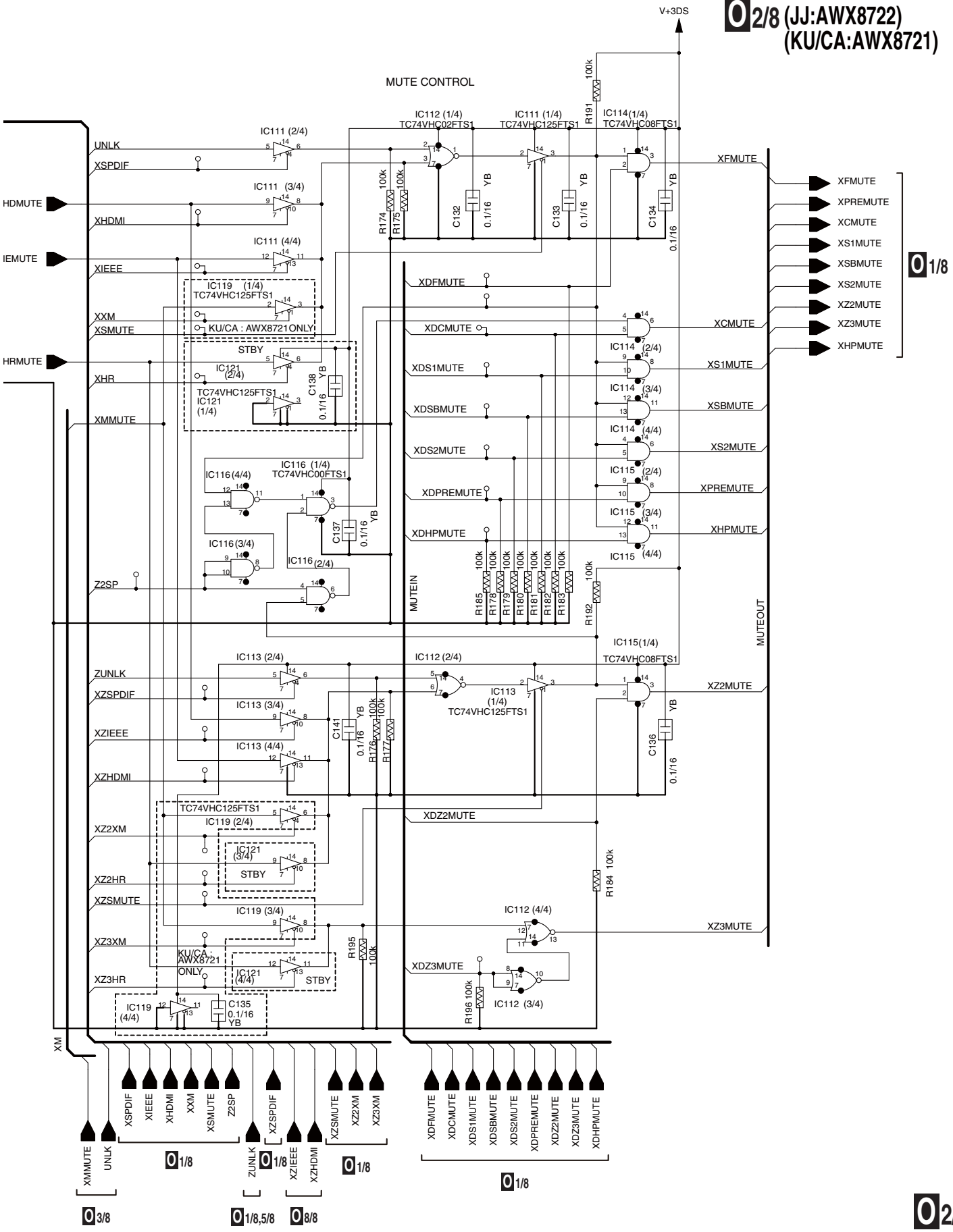
(*) MARKS		SIMUKE1	
MODEL		R187	R188
AWX8721	SC-09TX/KU	-	47k
AWX8722	SC-LX90/OTHER	47k	-



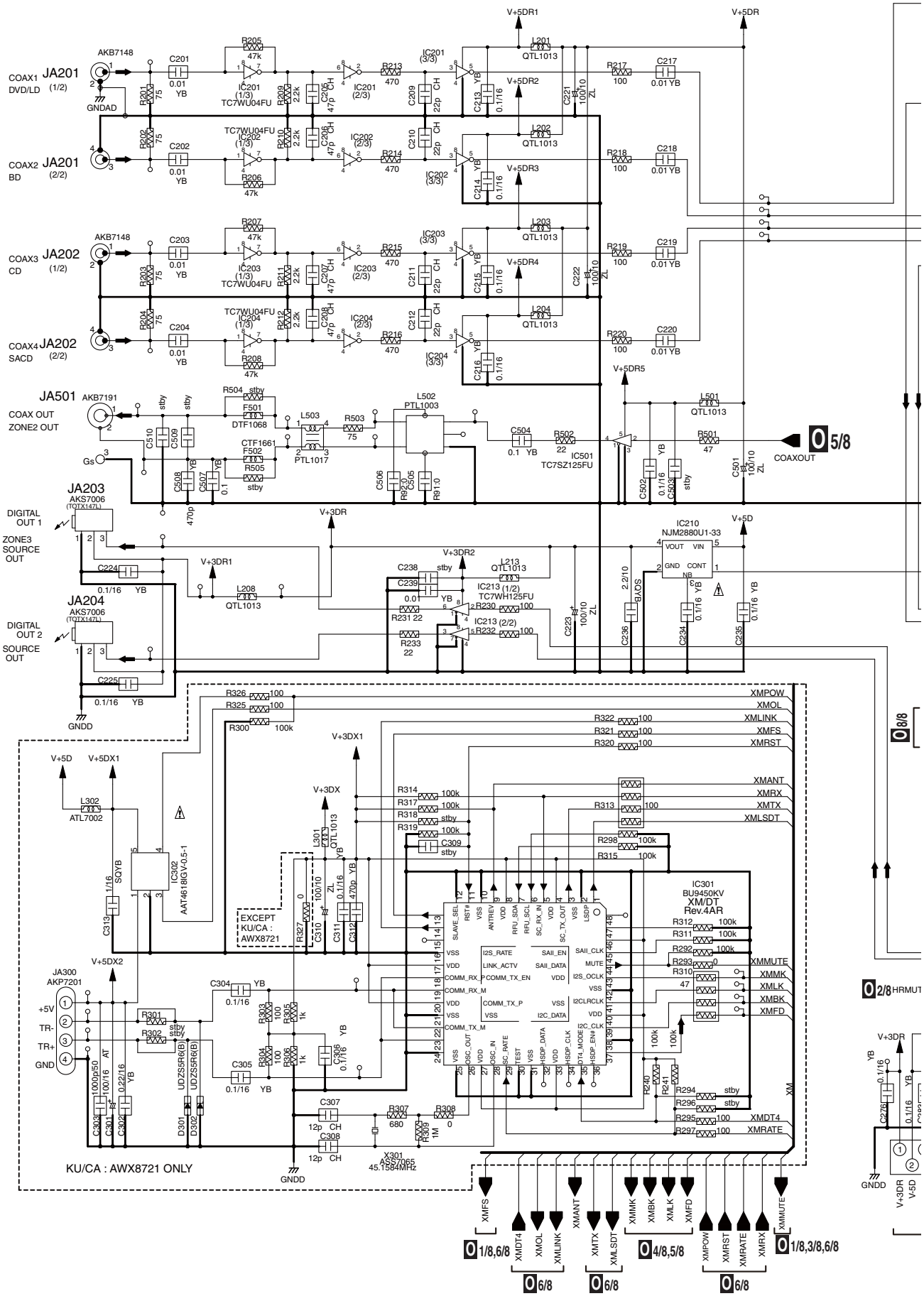
10.18 MAIN DIGITAL ASSY (2/8)



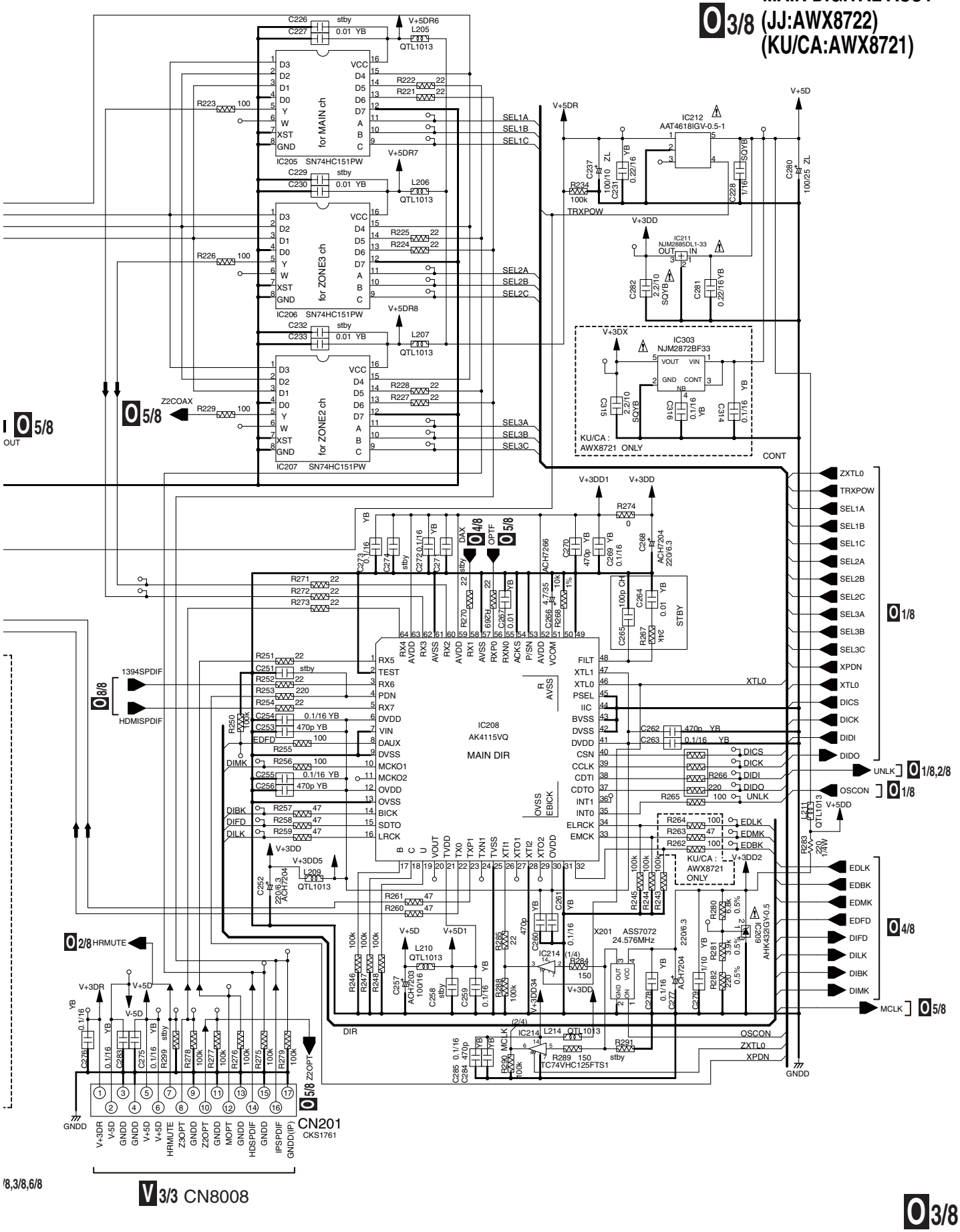
MAIN DIGITAL ASSY
O2/8 (JJ:AWX8722) (KU/CA:AWX8721)



10.19 MAIN DIGITAL ASSY (3/8)

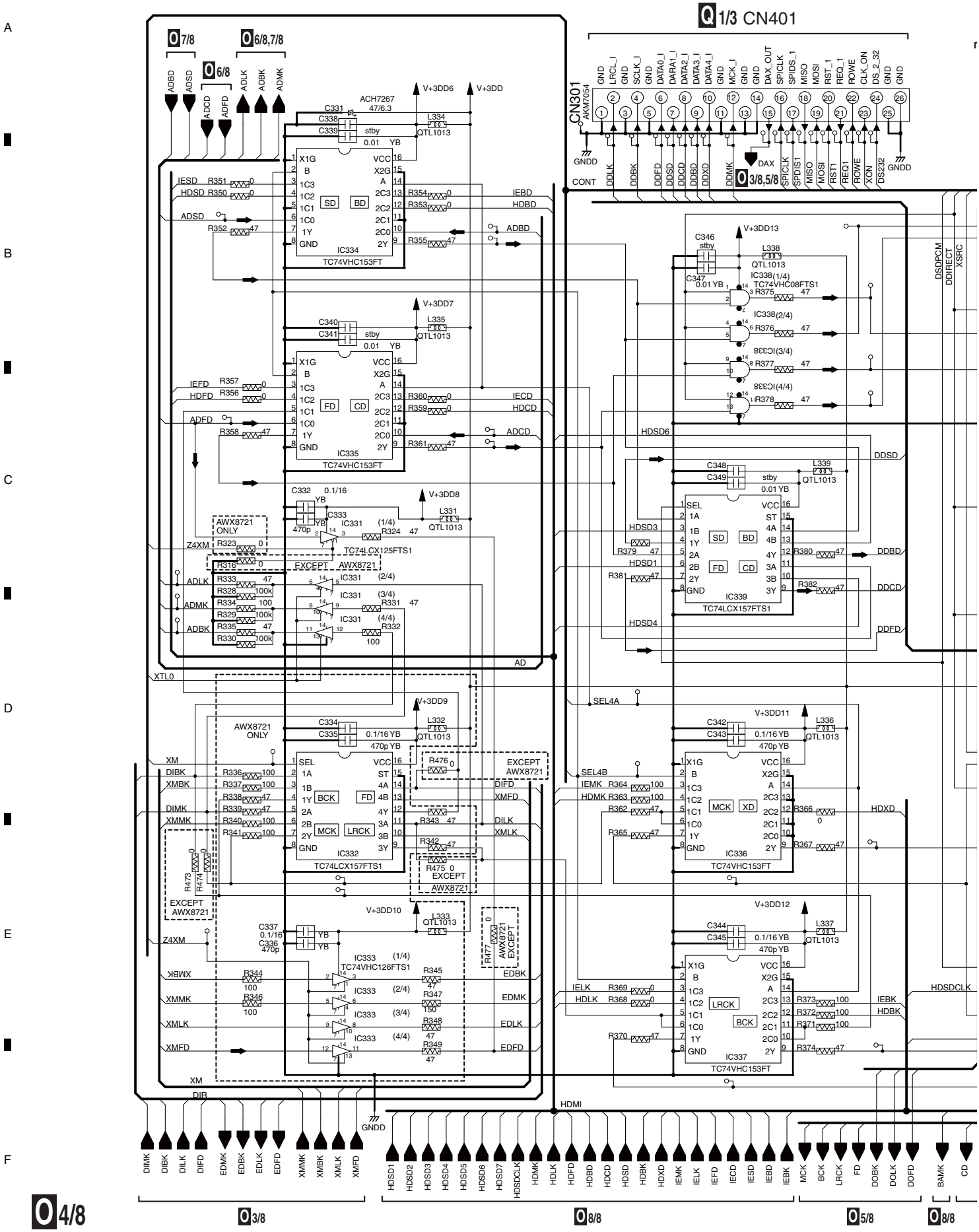


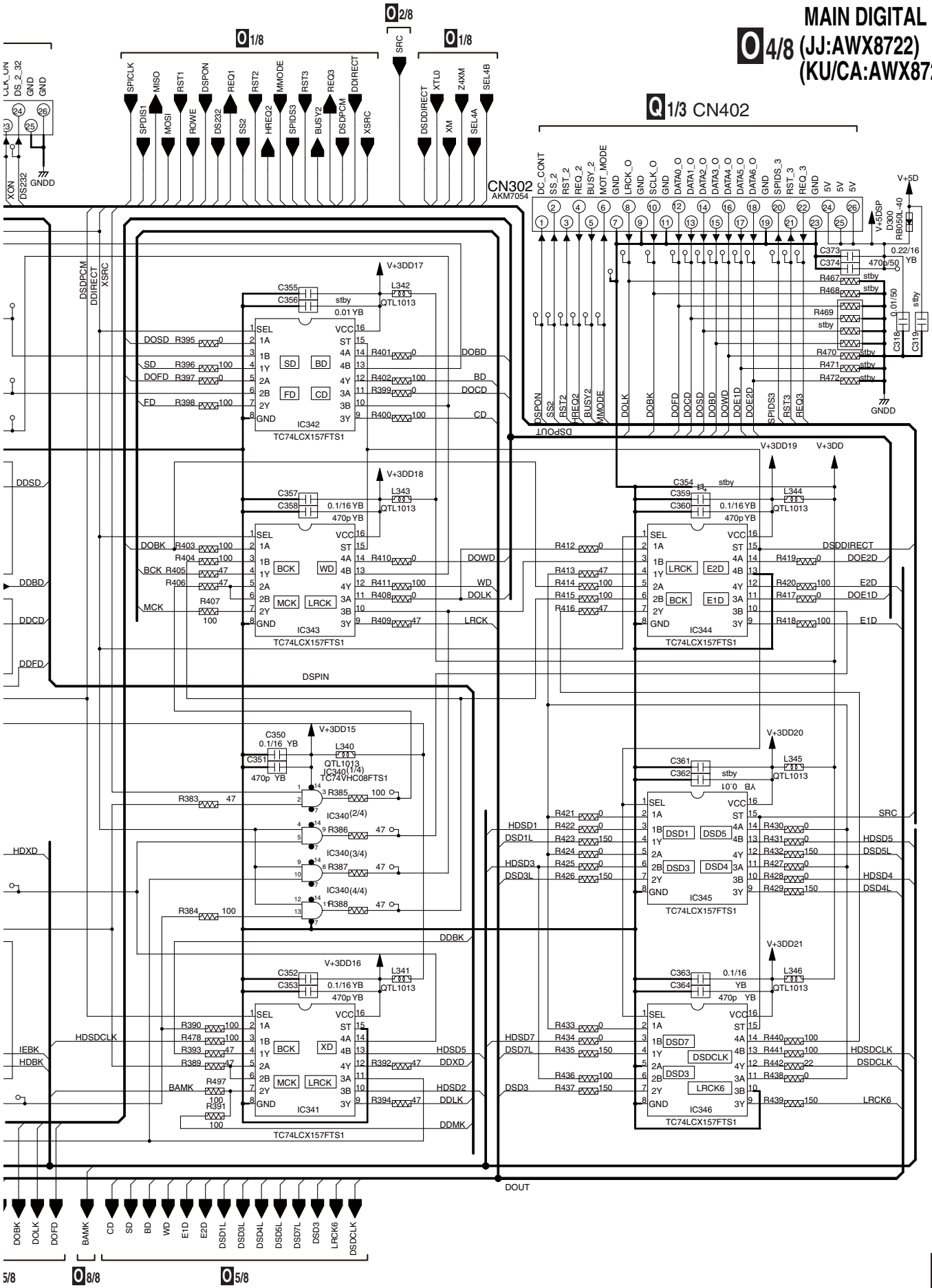
MAIN DIGITAL ASSY
O 3/8 (JJ:AWX8722) (KU/CA:AWX8721)



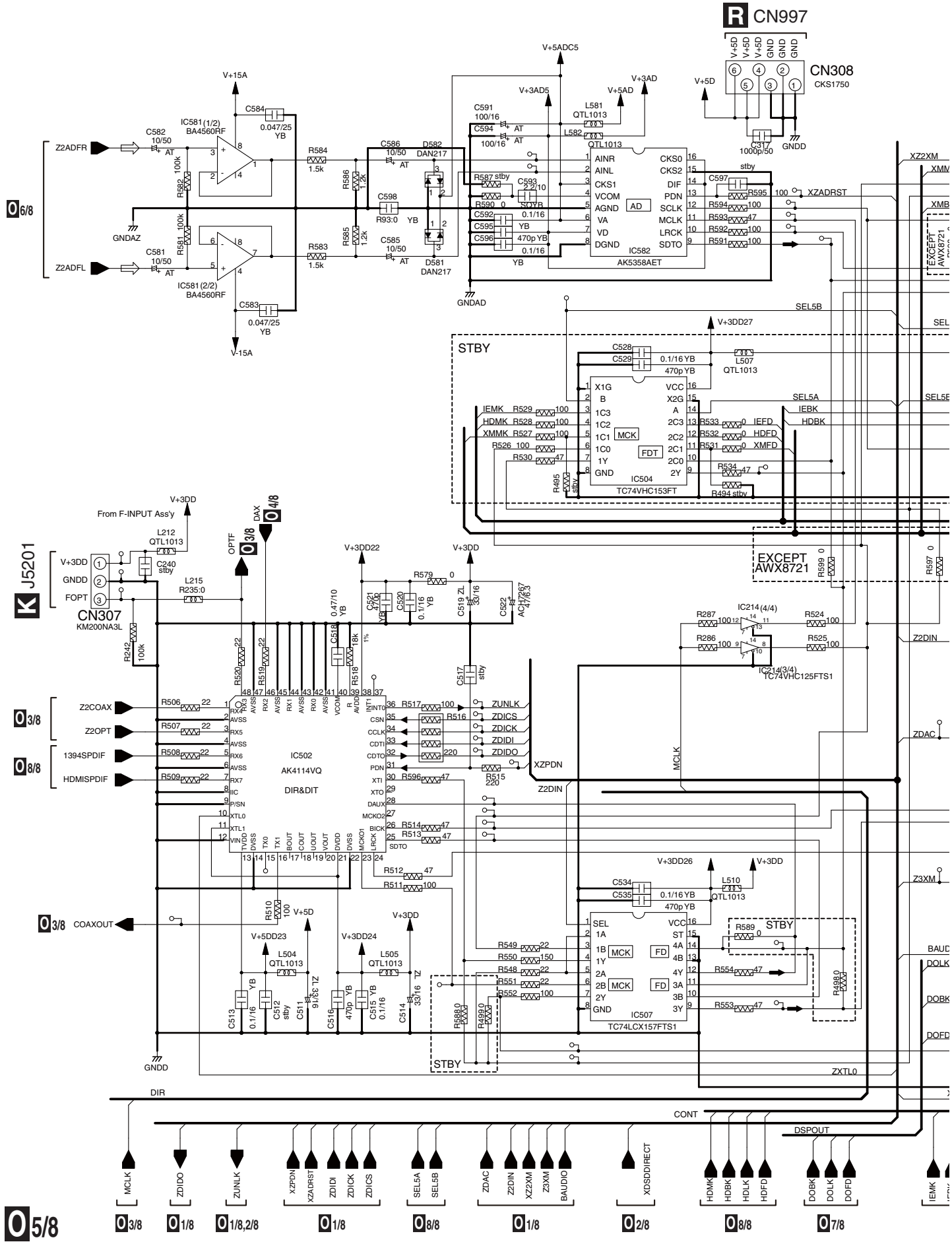
V3/3 CN8008

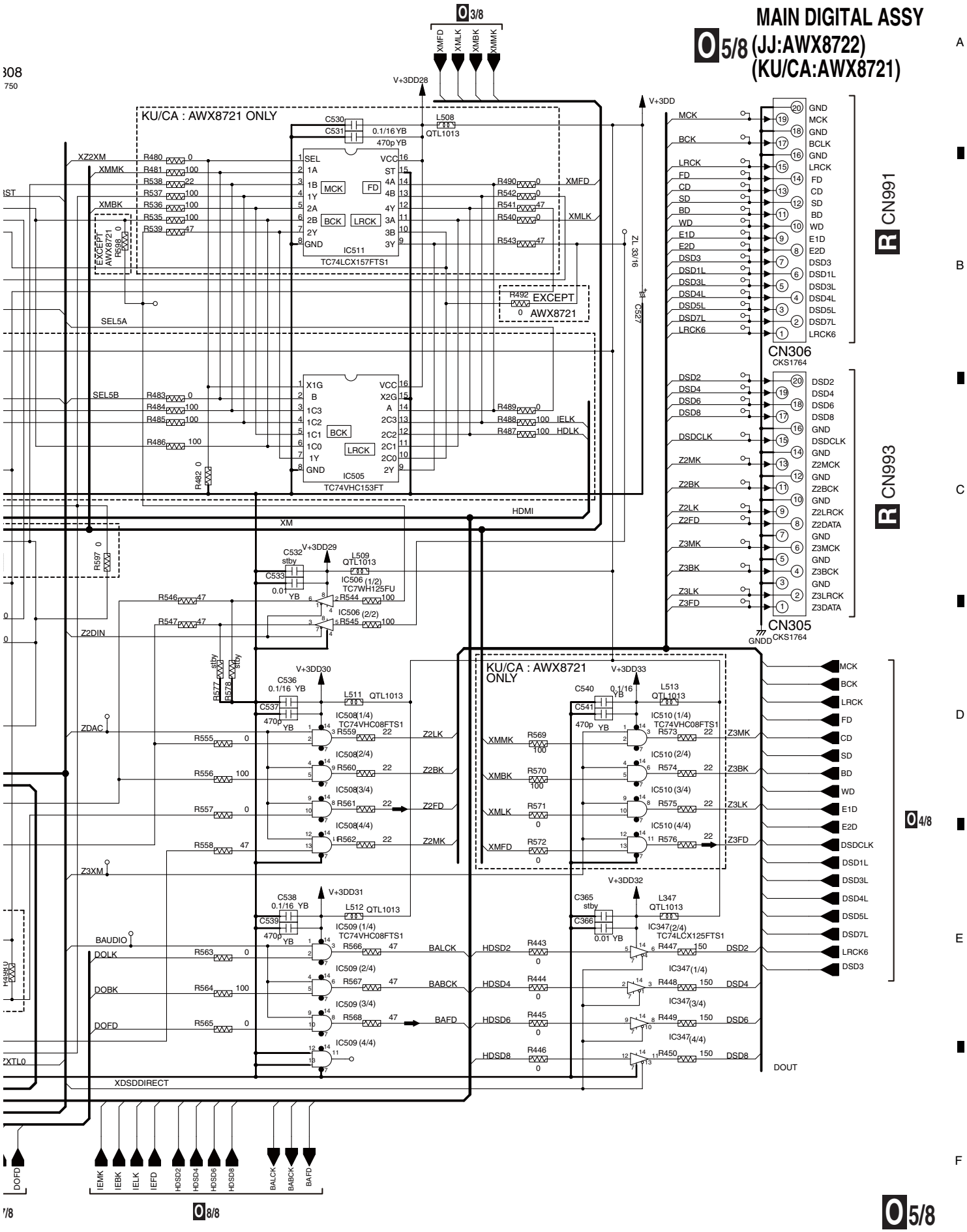
10.20 MAIN DIGITAL ASSY (4/8)



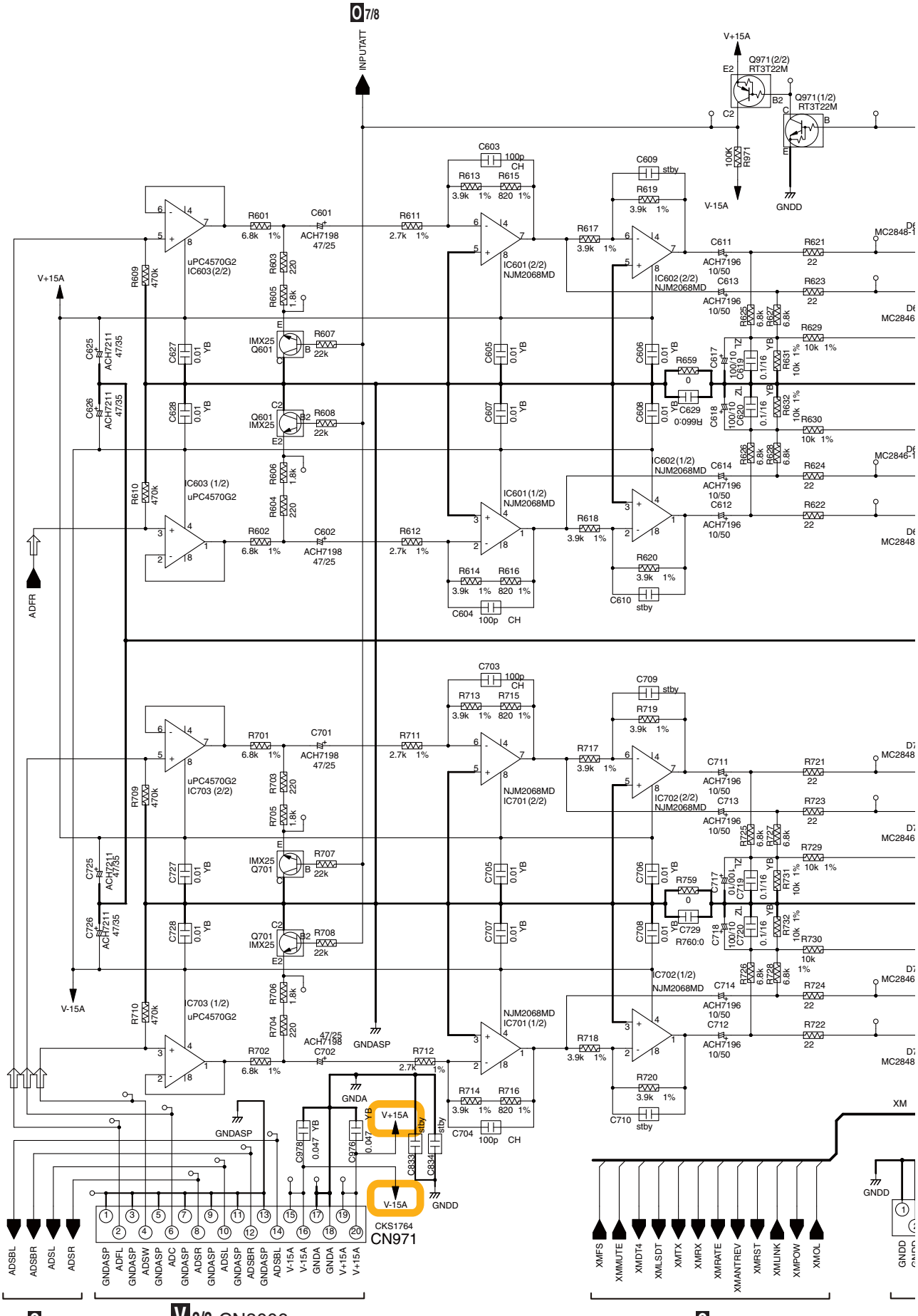

O 1/8
O 2/8
O 1/8
Q 1/3 CN402
CN302
AKM7054
SPICLK
MISO
RST1
DSPON
REQ1
RST2
MMODE
RST3
REQ3
DDIRECT
SRC
DSDDIRECT
XTL0
Z4XM
SEL4B
SPDIS1
MOSI
ROWE
DS232
SS2
HREQ2
SPIDS3
BUSY2
DSDPCM
XSRC
XM
SEL4A
XON
GNDD
V+5D
V+5DSP
D300
RB050L-40
V+3DD17
V+3DD18
V+3DD19
V+3DD
V+3DD15
V+3DD16
V+3DD20
V+3DD21
IC342
IC343
IC344
IC345
IC346
IC340(1/4)
IC340(2/4)
IC340(3/4)
IC340(4/4)
IC341
TC74LCX157FTS1
TC74VHC08FTS1
DSPOUT
DSPIN
DOUT
DDSD
DDBD
DDCD
DDFD
HDXD
IEBK
HDBK
HDSDCLK
DDBK
DDXD
DDLK
DDMK
DOBK
DOLK
DOFD
BAMK
CD
SD
BD
WD
E1D
E2D
DSD1L
DSD3L
DSD4L
DSD5L
DSD7L
DSD3
LRCK6
DSDCLK
O 5/8
O 8/8
O 4/8

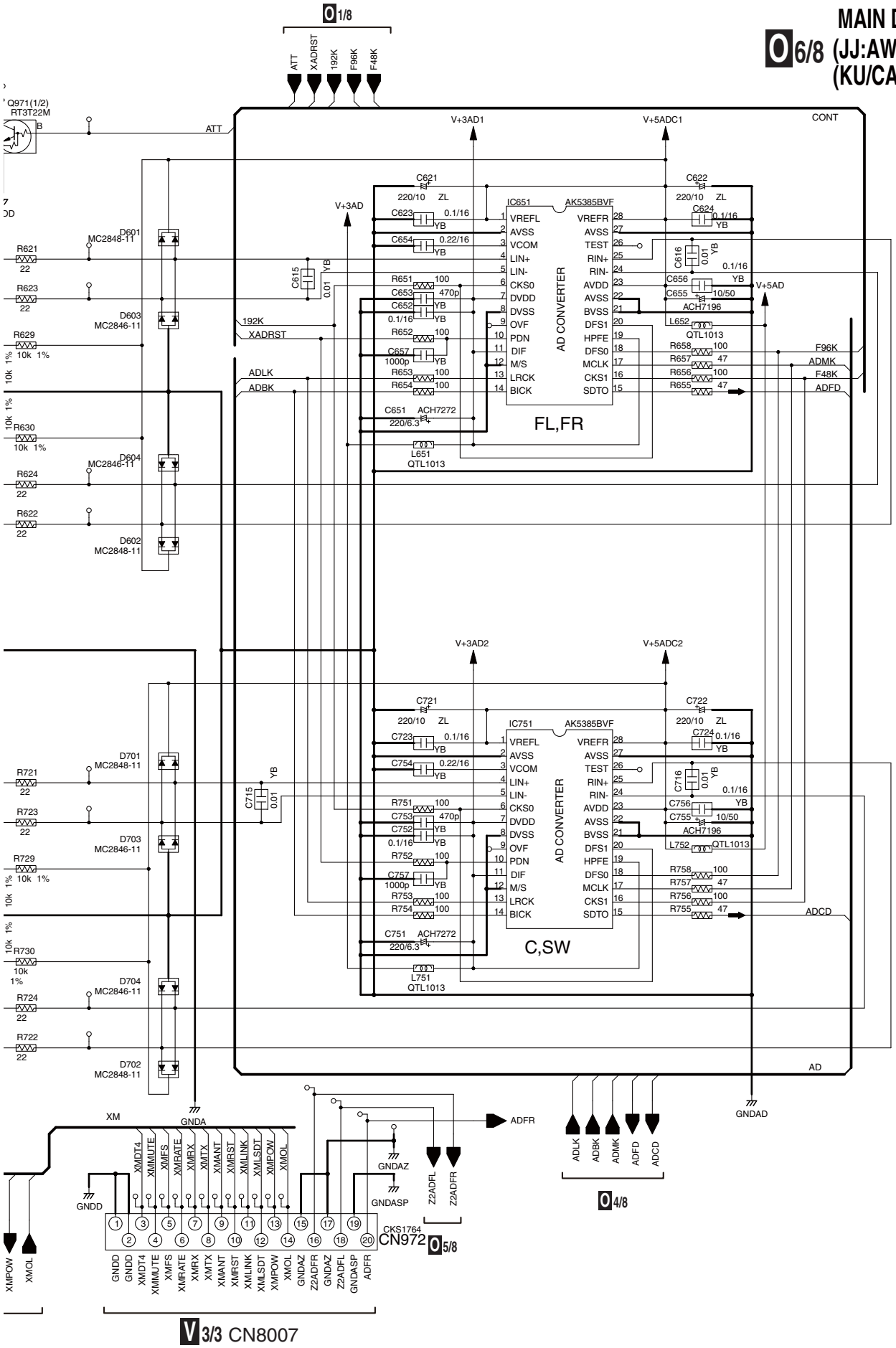
10.21 MAIN DIGITAL ASSY (5/8)



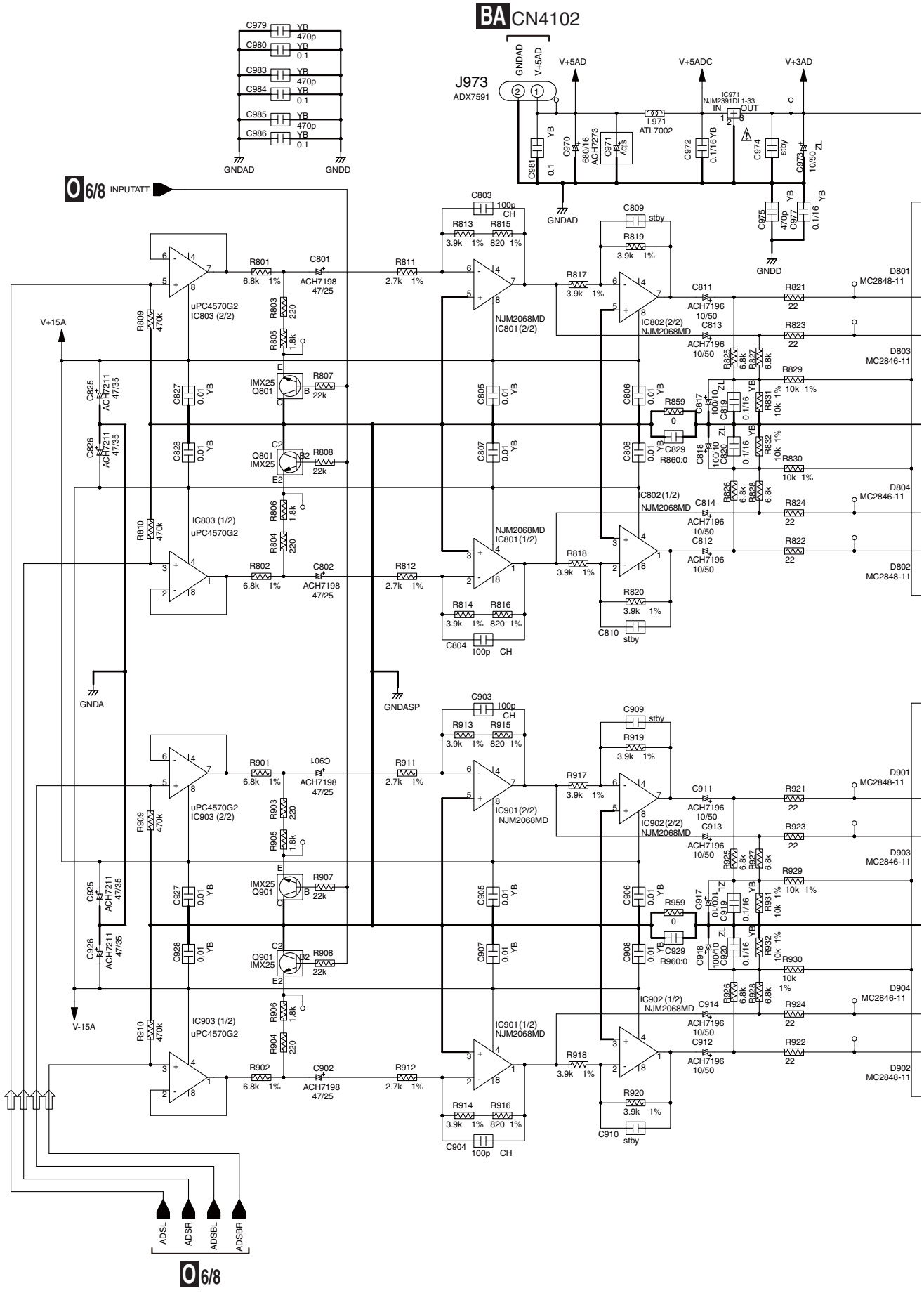

O3/8
XMFD
XMLK
XMBK
XMMK
V+3DD28
V+3DD
KU/CA : AWX8721 ONLY
IC511
TC74LCX157FTS1
IC505
TC74VHC153FT
EXCEPT AWX8721
R492
SEL5A
SEL5B
HDMI
XM
IELK
HDLK
ZL 33/16
C527
R
CN991
CN306
CKS1764
R
CN993
CN305
GNDD
V+3DD29
V+3DD30
V+3DD31
V+3DD32
V+3DD33
IC506 (1/2)
IC506 (2/2)
TC7WH125FU
IC508(1/4)
IC508(2/4)
IC508(3/4)
IC508(4/4)
IC509 (1/4)
IC509 (2/4)
IC509 (3/4)
IC509 (4/4)
TC74VHC08FTS1
IC510 (1/4)
IC510 (2/4)
IC510 (3/4)
IC510 (4/4)
IC347(2/4)
IC347(1/4)
IC347(3/4)
IC347(4/4)
TC74LCX125FTS1
KU/CA : AWX8721 ONLY
Z2DIN
Z3XM
ZDAC
BAUDIO
DOLK
DOBK
DOFD
XDSDDIRECT
Z2LK
Z2BK
Z2FD
Z2MK
Z3LK
Z3BK
Z3FD
Z3MK
BALCK
BABCK
BAFD
HDSD2
HDSD4
HDSD6
HDSD8
DSD2
DSD4
DSD6
DSD8
DOUT
O4/8
O8/8
O5/8

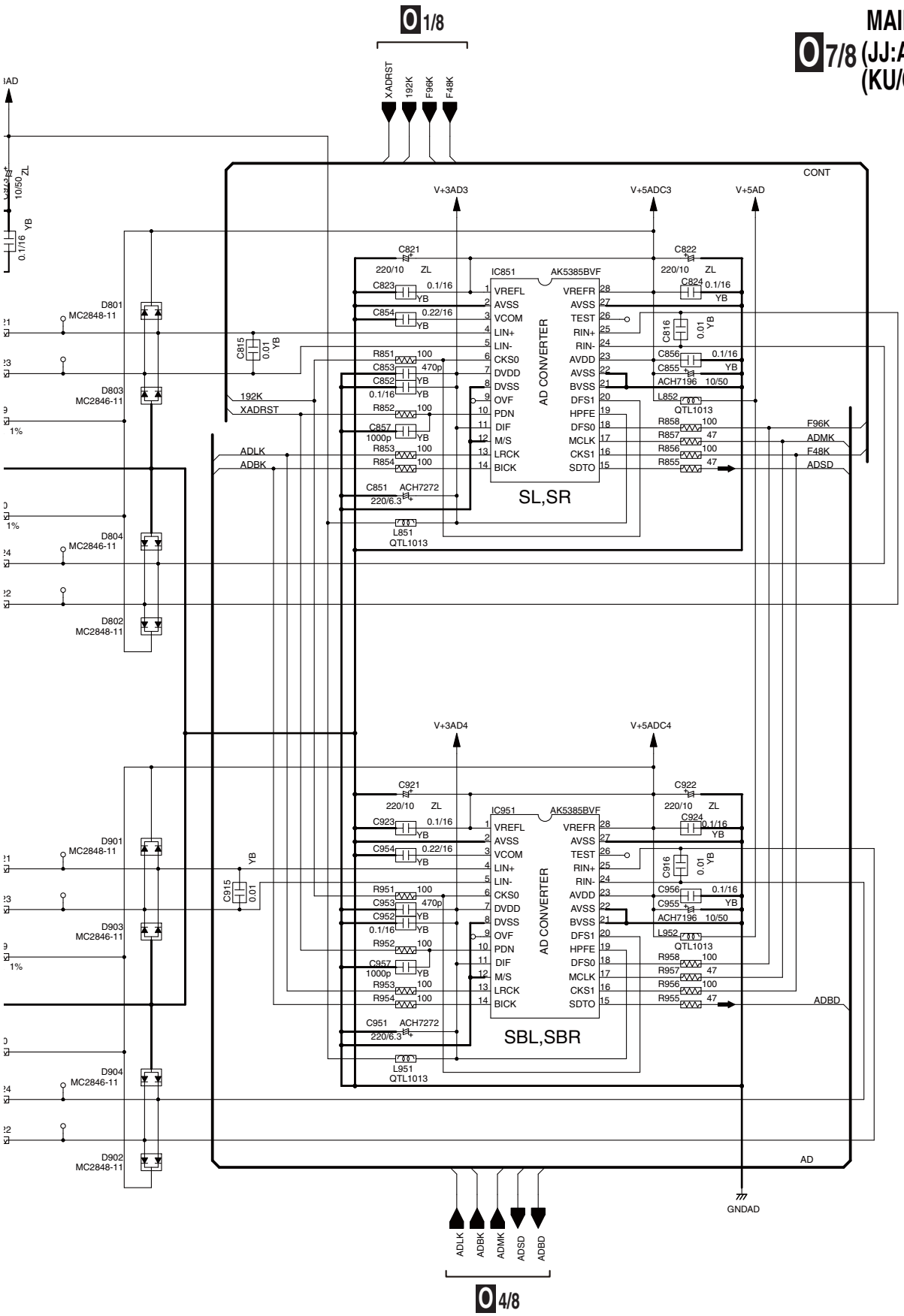
10.22 MAIN DIGITAL ASSY (6/8)



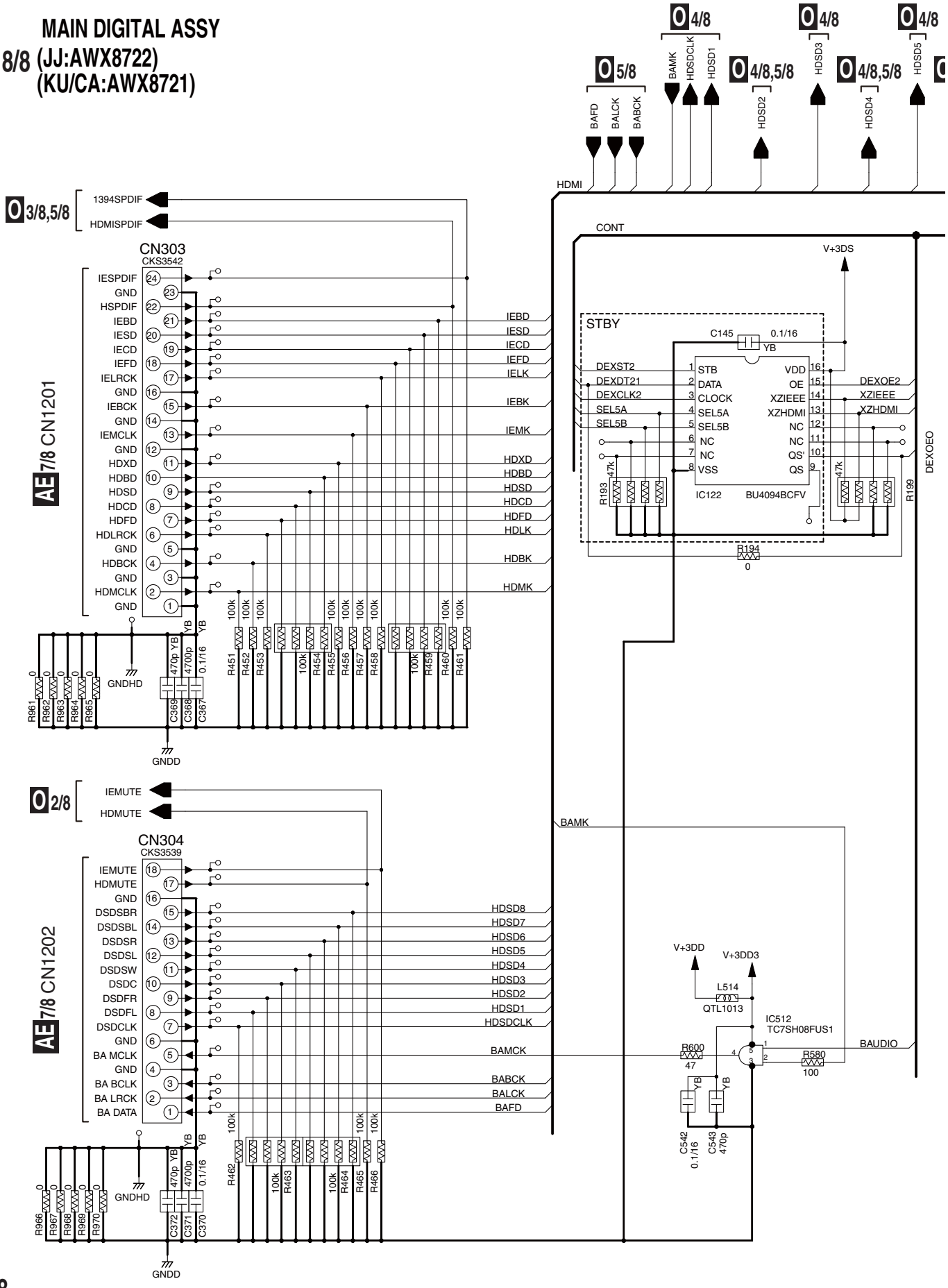

O 1/8
ATT
XADRST
192K
F96K
F48K
Q971(1/2)
RT3T22M
V+3AD1
V+5ADC1
CONT
V+3AD
IC651
AK5385BVF
AD CONVERTER
VREFL
AVSS
VCOM
LIN+
LIN-
CKS0
DVSS
DVSS
OVF
PDN
DIF
M/S
LRCK
BICK
VREFR
AVSS
TEST
RIN+
RIN-
AVDD
AVSS
BVSS
DFS1
HPFE
DFS0
MCLK
CKS1
SDTO
V+5AD
ADLK
ADBK
ADMK
ADFD
FL,FR
V+3AD2
V+5ADC2
IC751
C,SW
ADCD
AD
GNDAD
XM
GNDA
ADFR
GNDAZ
GNDASP
Z2ADFL
Z2ADFR
GNDD
XMDT4
XMMUTE
XMFS
XMRATE
XMRX
XMTX
XMANT
XMRST
XMLINK
XMLSDT
XMPOW
XMOL
CKS1764
CN972
O 5/8
O 4/8
V 3/3 CN8007
O 6/8

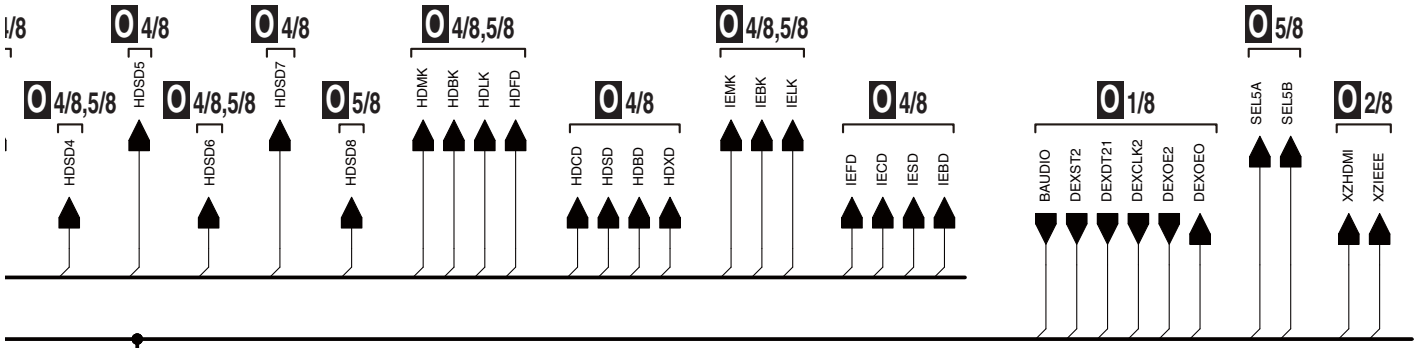
10.23 MAIN DIGITAL ASSY (7/8)

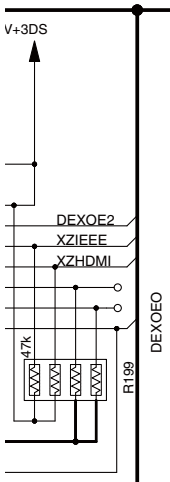


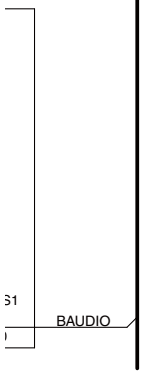

O1/8
XADRST
192K
F96K
F48K
CONT
V+3AD3
V+5ADC3
V+5AD
IC851
AK5385BVF
AD CONVERTER
SL,SR
VREFL
AVSS
VCOM
LIN+
LIN-
CKS0
DVDD
DVSS
OVF
PDN
DIF
M/S
LRCK
BICK
VREFR
AVSS
TEST
RIN+
RIN-
AVDD
AVSS
BVSS
DFS1
HPFE
DFS0
MCLK
CKS1
SDTO
C821
C822
C823
C824
C854
C816
C856
C855
ACH7196 10/50
L852
QTL1013
R851
R852
R853
R854
R857
R858
R855
R856
C851 ACH7272
220/6.3
L851
QTL1013
C815
D801
MC2848-11
D803
MC2846-11
D804
MC2846-11
D802
MC2846-11
ADLK
ADBK
V+3AD4
V+5ADC4
IC951
AK5385BVF
SBL,SBR
C921
C922
C923
C924
C954
C916
C956
C955
L952
QTL1013
R951
R952
R953
R954
R957
R958
R955
R956
C951 ACH7272
220/6.3
L951
QTL1013
C915
D901
MC2848-11
D903
MC2846-11
D904
MC2846-11
D902
MC2846-11
ADBD
AD
GNDAD
ADLK
ADBK
ADMK
ADSD
ADBD
O4/8
O7/8

10.24 MAIN DIGITAL ASSY (8/8)



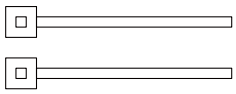






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ZCA-BK1 ×2



NOTES

1.RESISTORS
Unit : k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance : ±5%(J) unless otherwise noted.

2.CAPACITORS
Unit : p-pF or μF unless otherwise noted.
Rated Voltage: shown as "Capacity(μF)/Voltage(V)", or 50V unless otherwise noted.

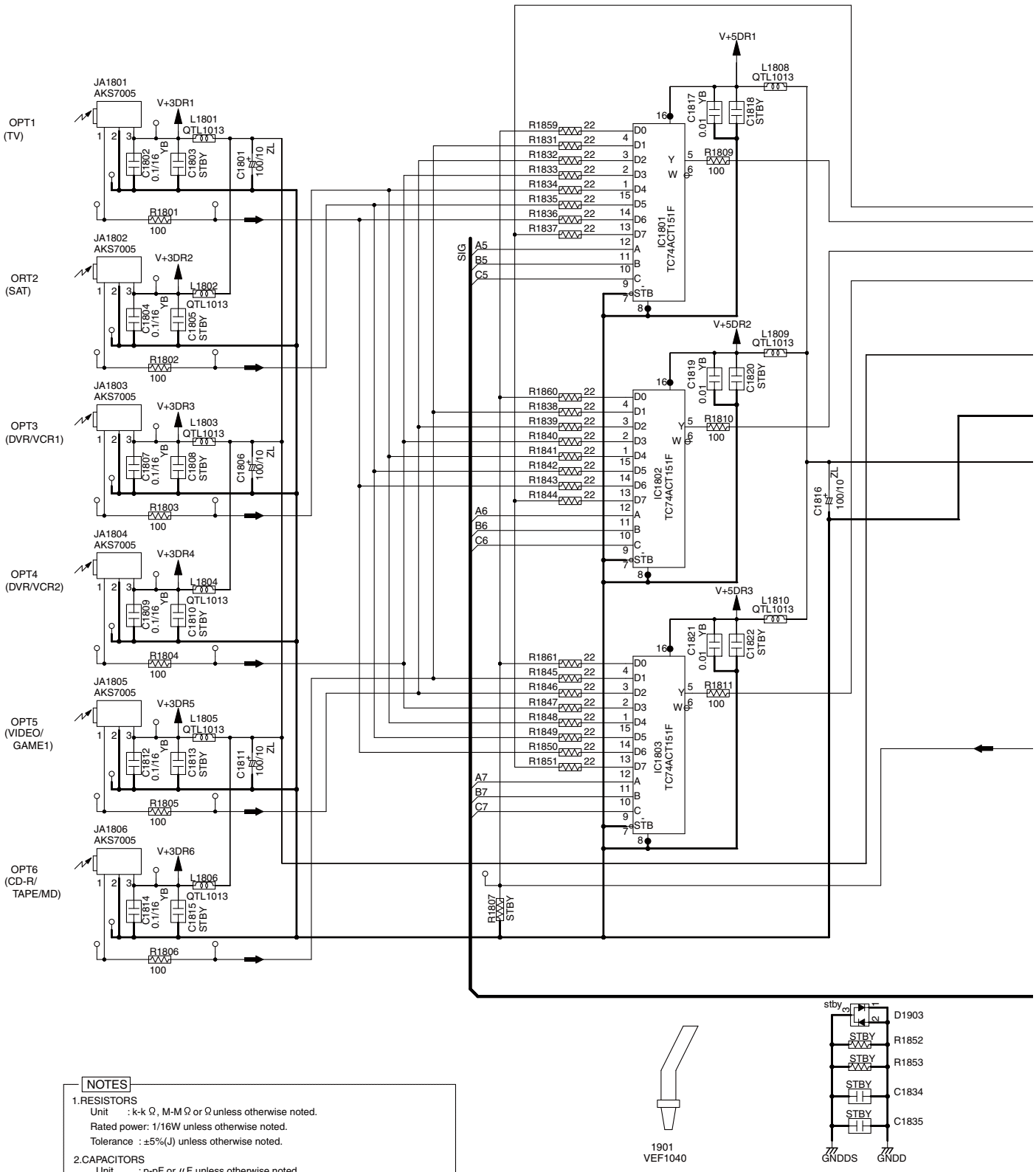
ZL : CEHAZL

※Parts or parts block marked by "*" or "STBY" are standby.

8/8

10.25 SUB DIGITAL ASSY (1/2)

P 1/2 SUB DIGITAL ASSY (AWX8747)



NOTES

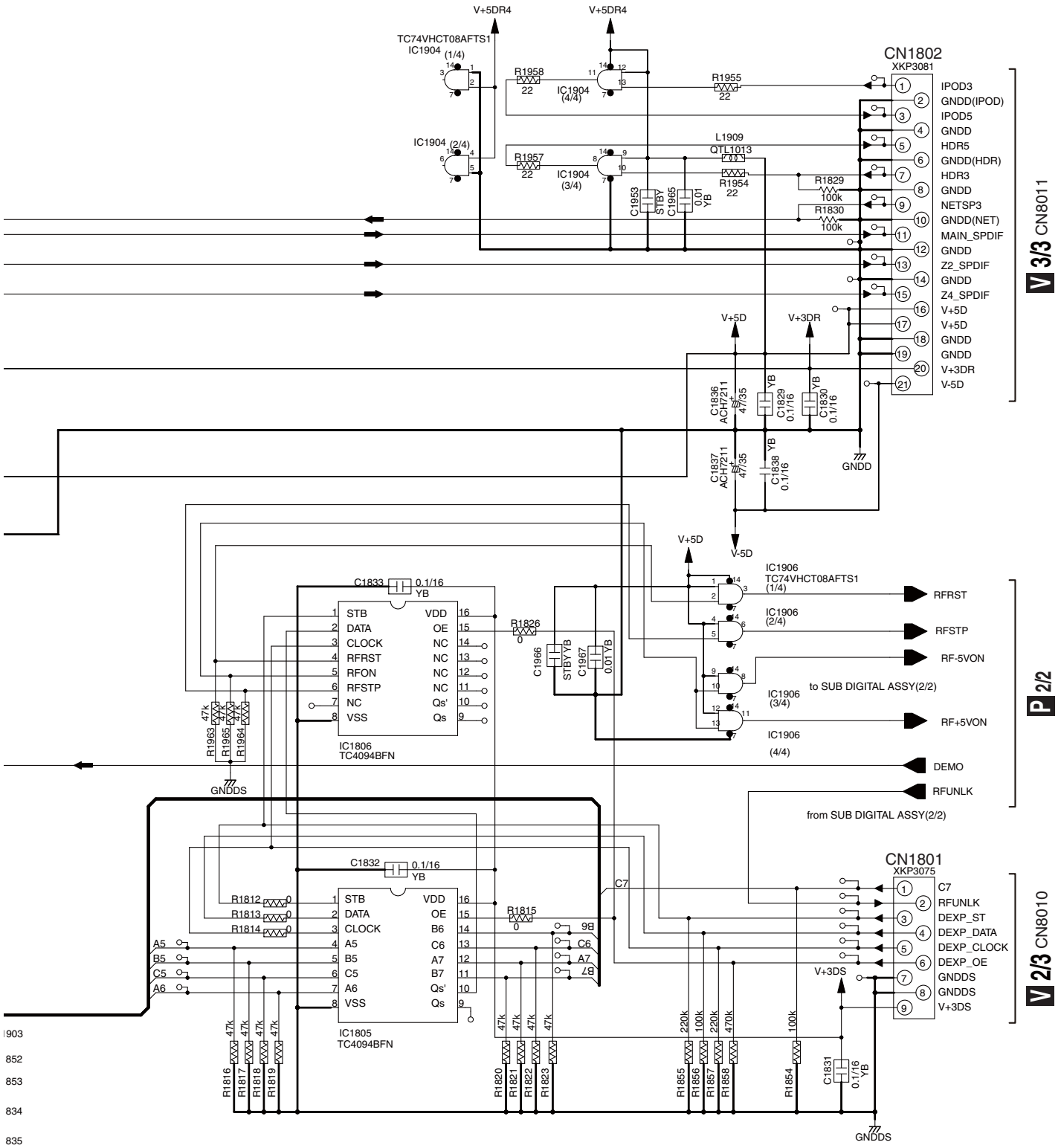
1.RESISTORS
Unit : k-k Ω, M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance : ±5%(J) unless otherwise noted.

2.CAPACITORS
Unit : p-pF or μF unless otherwise noted.
Rated Voltage: shown as "Capacity(μF)/Voltage(V)", or 50V unless otherwise noted.

ZL : CEHAZL

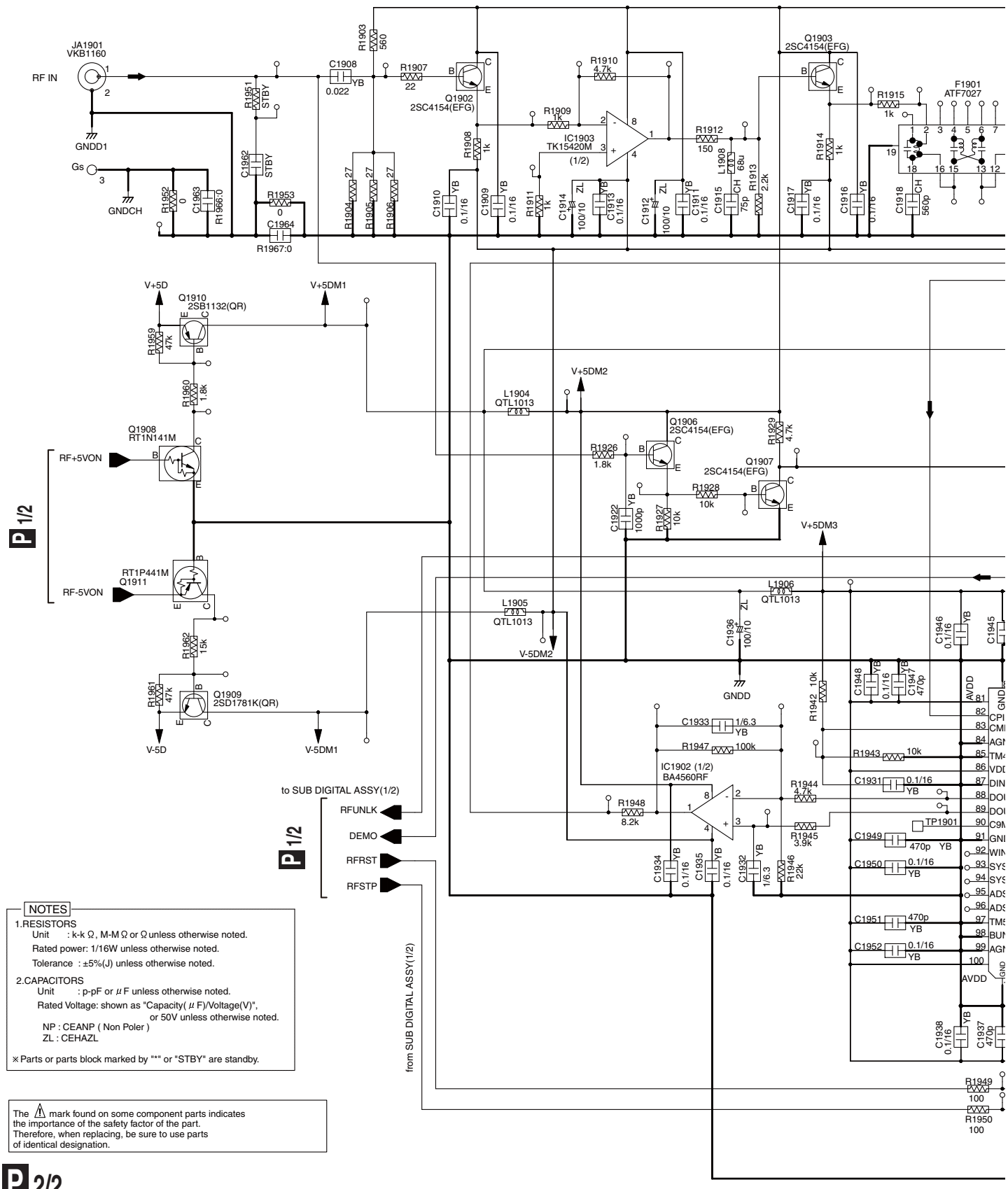
※Parts or parts block marked by "*" or "STBY" are standby.

P 1/2


V+5DR4
V+5DR4
TC74VHCT08AFTS1
IC1904 (1/4)
IC1904 (2/4)
IC1904 (3/4)
IC1904 (4/4)
R1958 22
R1957 22
R1955 22
R1954 22
L1909 QTL1013
C1953 STBY
C1965 0.01 YB
R1829 100k
R1830 100k
CN1802
XKP3081
IPOD3
GNDD(IPOD)
IPOD5
GNDD
HDR5
GNDD(HDR)
HDR3
GNDD
NETSP3
GNDD(NET)
MAIN_SPDIF
GNDD
Z2_SPDIF
GNDD
Z4_SPDIF
V+5D
V+5D
GNDD
GNDD
V+3DR
V-5D
V 3/3 CN8011
V+5D
V+3DR
C1836 ACH7211 47/35
C1829 0.1/16 YB
C1830 0.1/16 YB
C1837 ACH7211 47/35
C1838 0.1/16 YB
GNDD
V+5D
V-5D
IC1906
TC74VHCT08AFTS1
(1/4)
IC1906
(2/4)
IC1906
(3/4)
IC1906
(4/4)
RFRST
RFSTP
RF-5VON
to SUB DIGITAL ASSY(2/2)
RF+5VON
DEMO
RFUNLK
from SUB DIGITAL ASSY(2/2)
P 2/2
C1833 0.1/16 YB
R1826 0
C1966 STBY
C1967 0.01YB
STB
DATA
CLOCK
RFRST
RFON
RFSTP
NC
VSS
VDD
OE
NC
NC
NC
NC
Qs'
Qs
IC1806
TC4094BFN
R1963 47k
R1965 47k
R1964 47k
GNDDS
C1832 0.1/16 YB
R1812 0
R1813 0
R1814 0
R1815 0
A5
B5
C5
A6
STB
DATA
CLOCK
A5
B5
C5
A6
VSS
VDD
OE
B6
C6
A7
B7
Qs'
Qs
IC1805
TC4094BFN
C7
B6
C6
A7
B7
CN1801
XKP3075
C7
RFUNLK
DEXP_ST
DEXP_DATA
DEXP_CLOCK
DEXP_OE
GNDDS
GNDDS
V+3DS
V 2/3 CN8010
V+3DS
R1816 47k
R1817 47k
R1818 47k
R1819 47k
R1820 47k
R1821 47k
R1822 47k
R1823 47k
R1855 220k
R1856 100k
R1857 220k
R1858 470k
R1854 100k
C1831 0.1/16 YB
GNDDS
903
852
853
834
835

10.26 SUB DIGITAL ASSY (2/2)

P 2/2 SUB DIGITAL ASSY (AWX8747)



NOTES

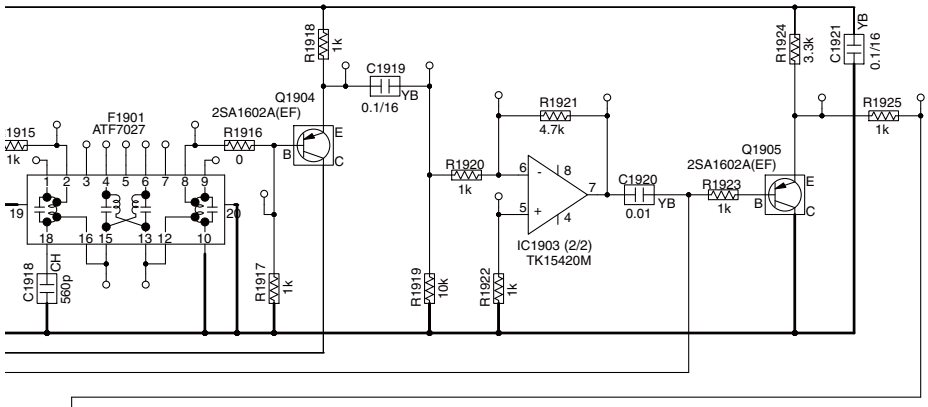
1.RESISTORS
Unit : k-k Ω, M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance : ±5%(J) unless otherwise noted.

2.CAPACITORS
Unit : p-pF or μF unless otherwise noted.
Rated Voltage: shown as "Capacity(μF)/Voltage(V)", or 50V unless otherwise noted.
NP : CEANP (Non Poler)
ZL : CEHAZL

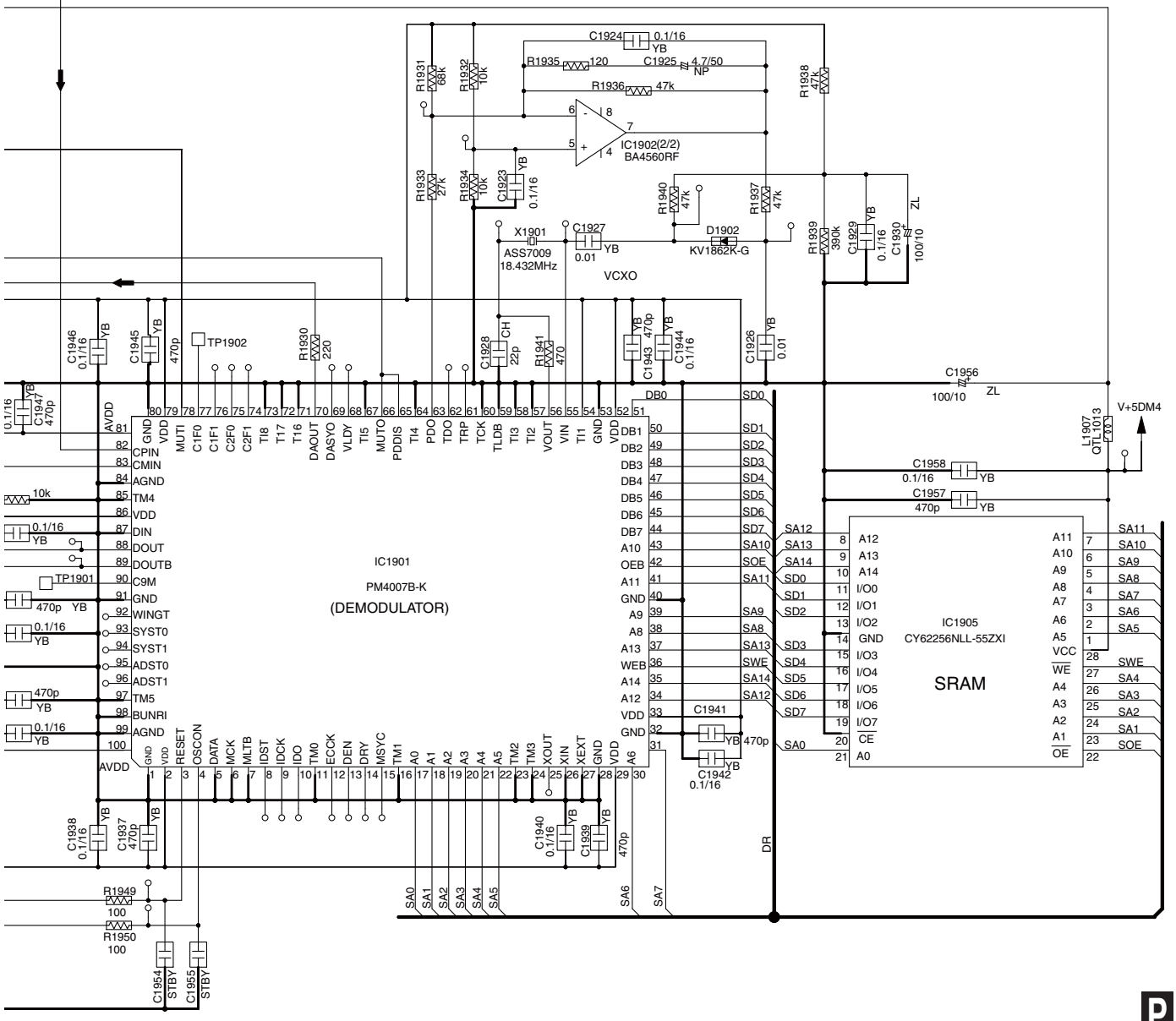
※Parts or parts block marked by "*" or "STBY" are standby.

The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

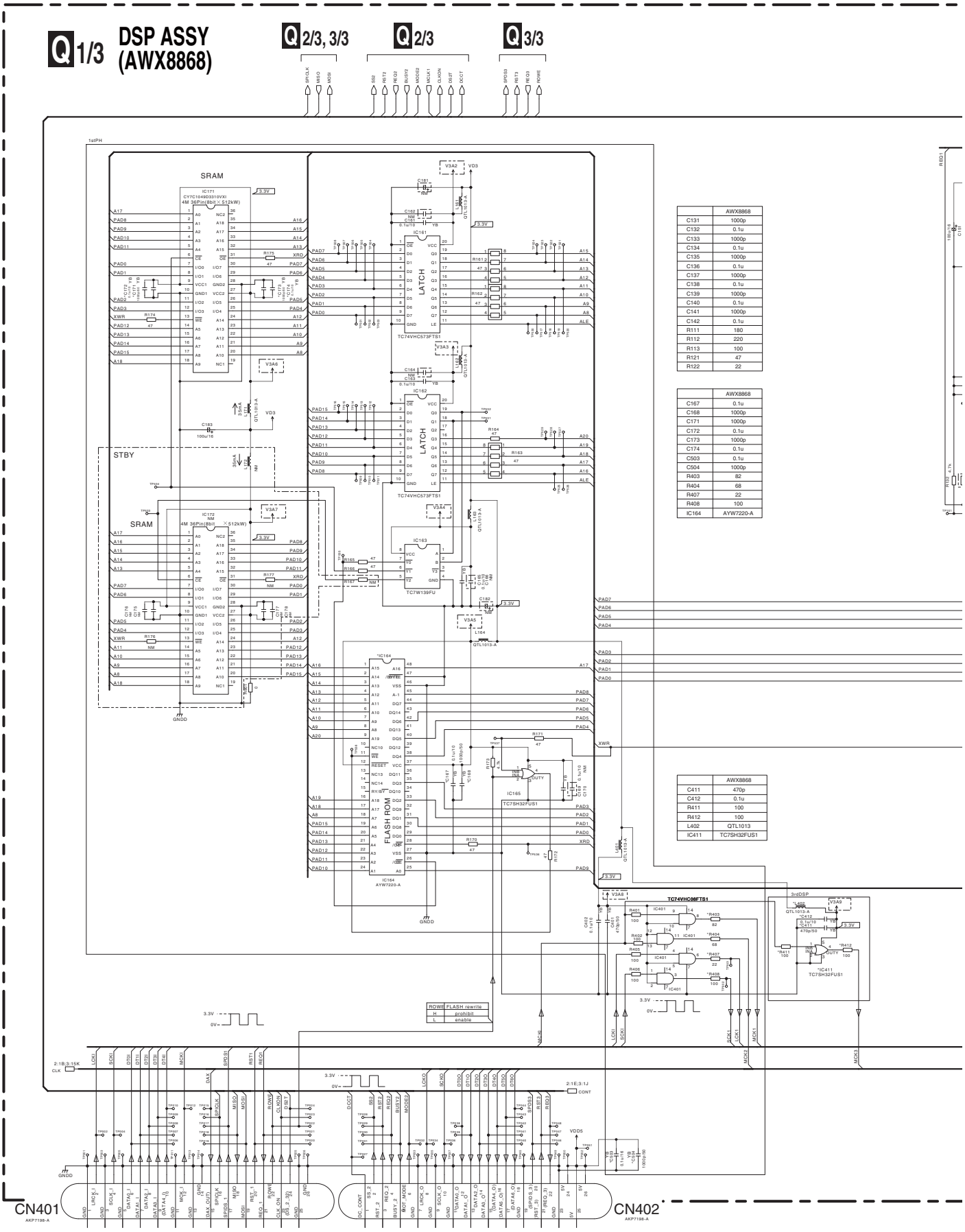
P 2/2



DEMODULATOR BLOCK



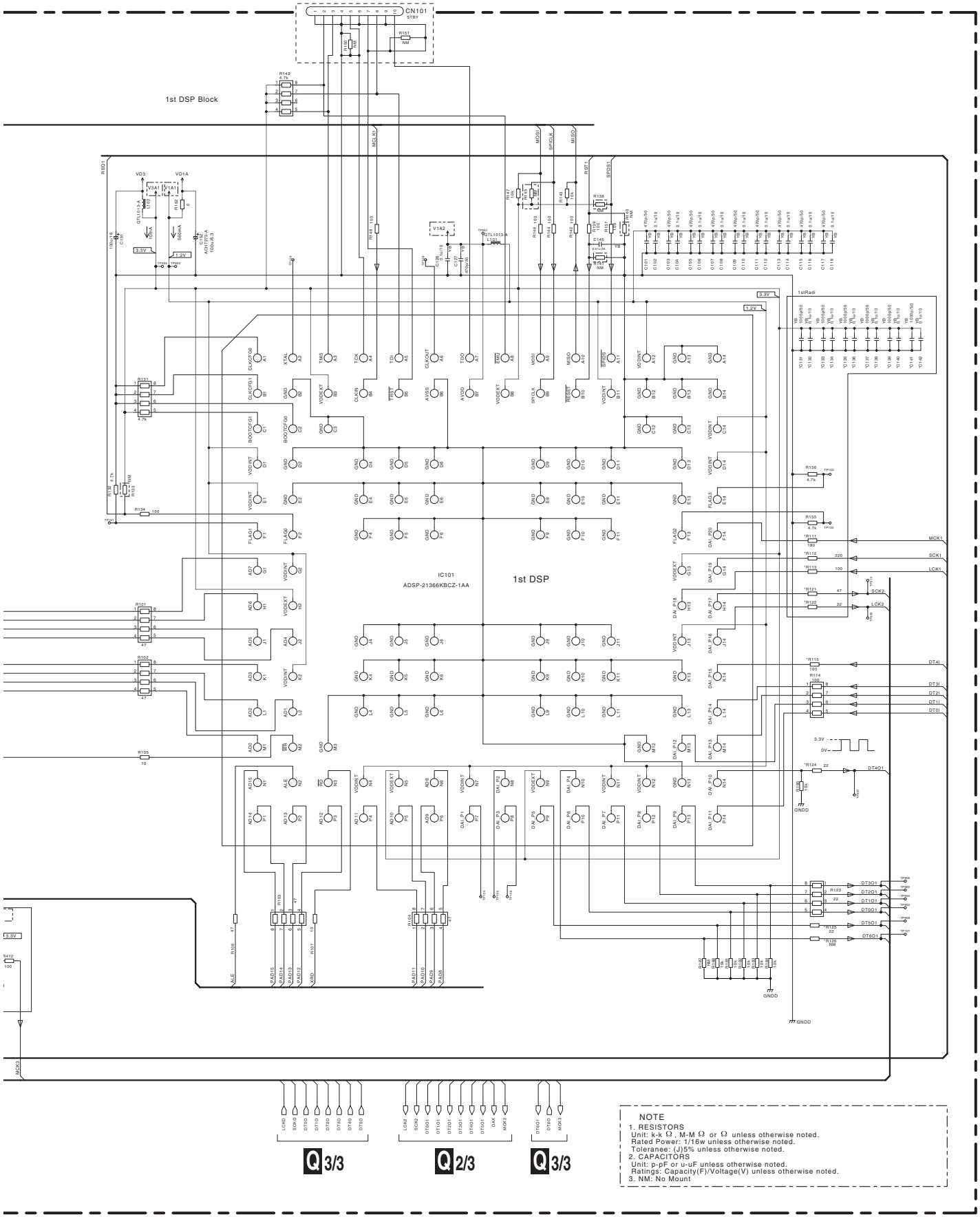
10.27 DSP ASSY (1/3) (Guide page)



	AWX8868
C131	1000p
C132	0.1u
C133	1000p
C134	0.1u
C135	1000p
C136	0.1u
C137	1000p
C138	0.1u
C139	1000p
C140	0.1u
C141	1000p
C142	0.1u
R111	180
R112	220
R113	100
R121	47
R122	22

	AWX8868
C167	0.1u
C168	1000p
C171	1000p
C172	0.1u
C173	1000p
C174	0.1u
C503	0.1u
C504	1000p
R403	82
R404	68
R407	22
R408	100
IC164	AYW7220-A

	AWX8868
C411	470p
C412	0.1u
R411	100
R412	100
L402	QTL1013
IC411	TC7SH32FUS1



NOTE
1. RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Tolerance: (J)5% unless otherwise noted.
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
3. NM: No Mount

Q 1/3

Q 4/8 CN301

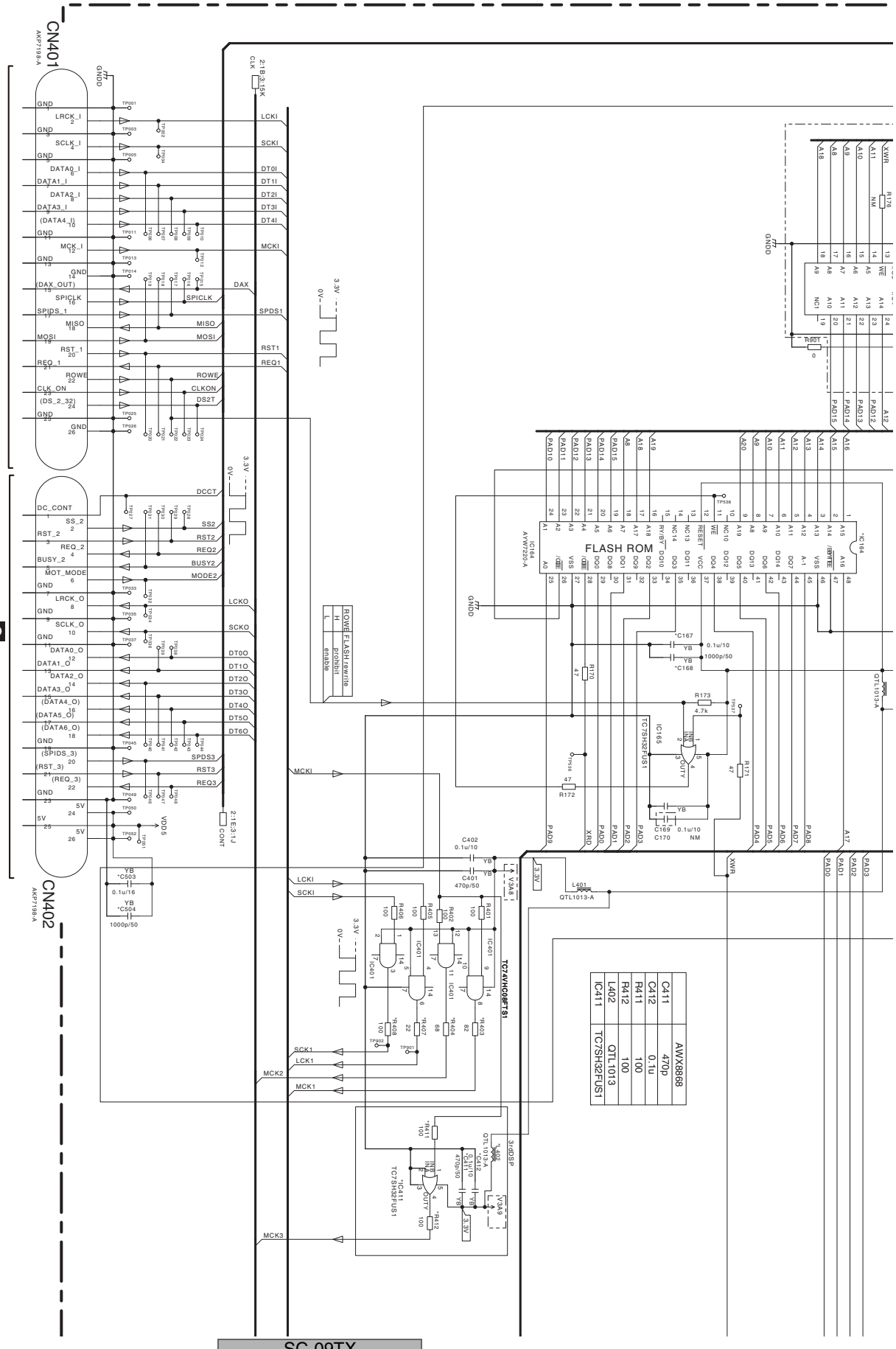
Q 4/8 CN302

Large size SCH diagram

1/2

2/2

1/2

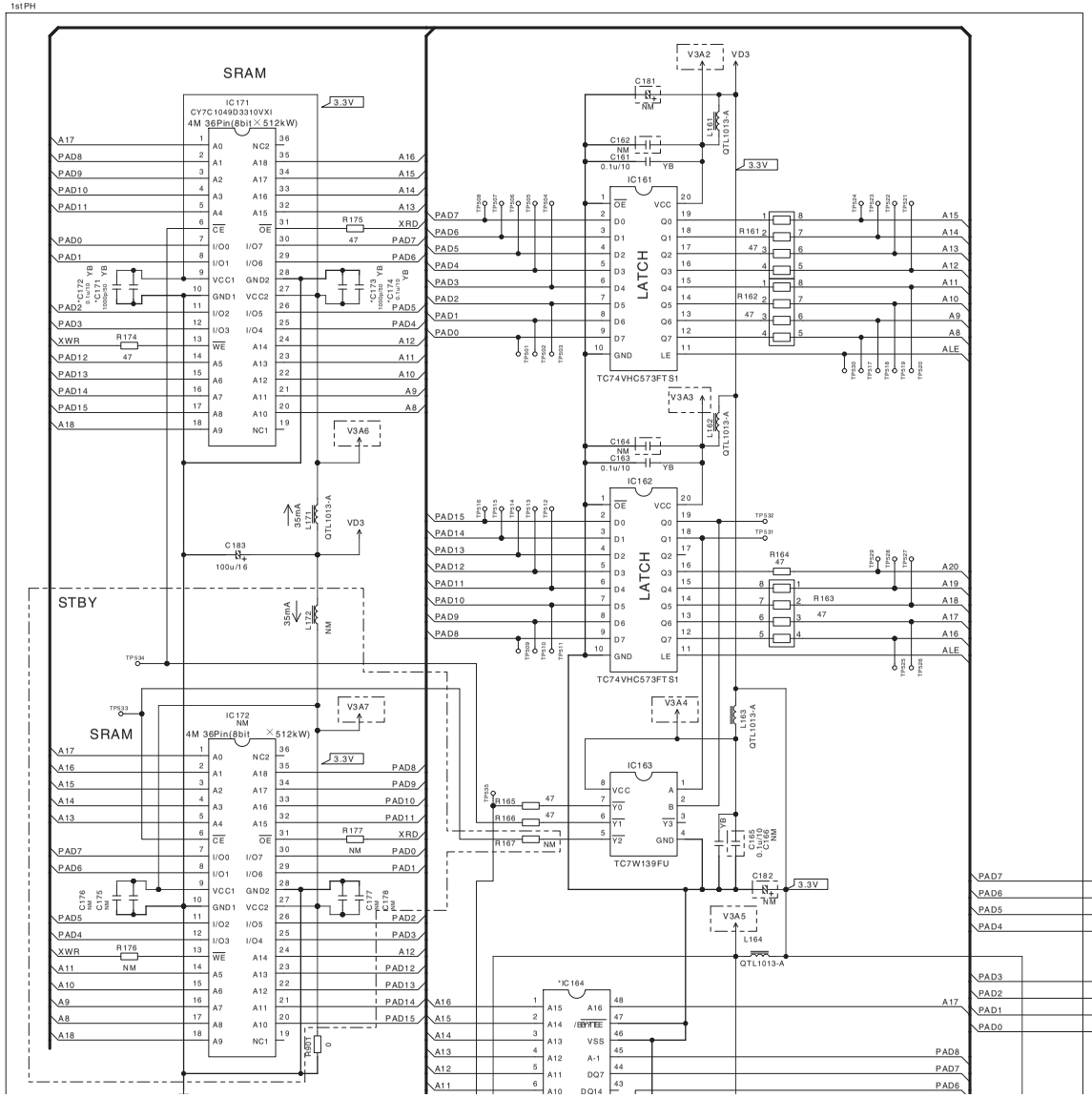


Q1/3 DSP ASSY (AWX8868)

Q2/3, 3/3: SPICLK, MISO, MOSI

Q2/3: SS2, RST2, REQ2, BUSY2, MODE2, MCLK1, CLKON, DS2T, DCCT

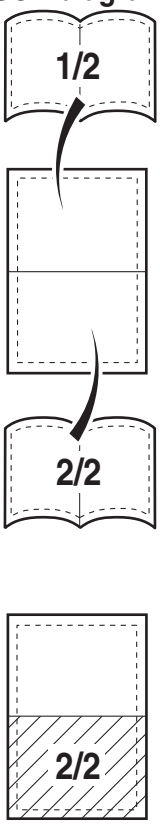
Q3/3: SPDS3, RST3, REQ3, ROWE

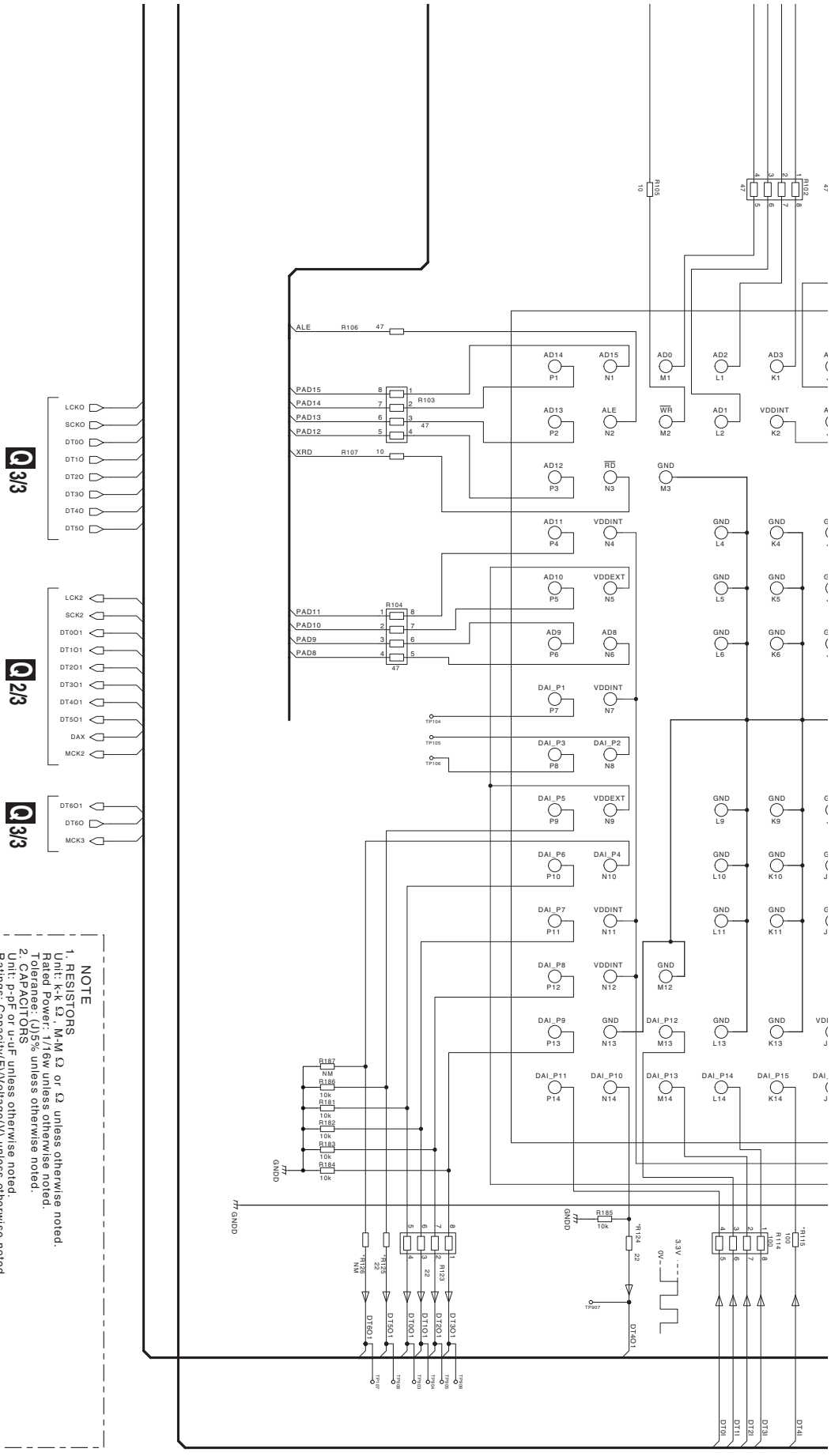


	AWX8868
C131	1000p
C132	0.1u
C133	1000p
C134	0.1u
C135	1000p
C136	0.1u
C137	1000p
C138	0.1u
C139	1000p
C140	0.1u
C141	1000p
C142	0.1u
R111	180
R112	220
R113	100
R121	47
R122	22

	AWX8868
C167	0.1u
C168	1000p
C171	1000p
C172	0.1u
C173	1000p
C174	0.1u
C503	0.1u
C504	1000p
R403	82
R404	68
R407	22
R408	100
IC164	AYW7220-A

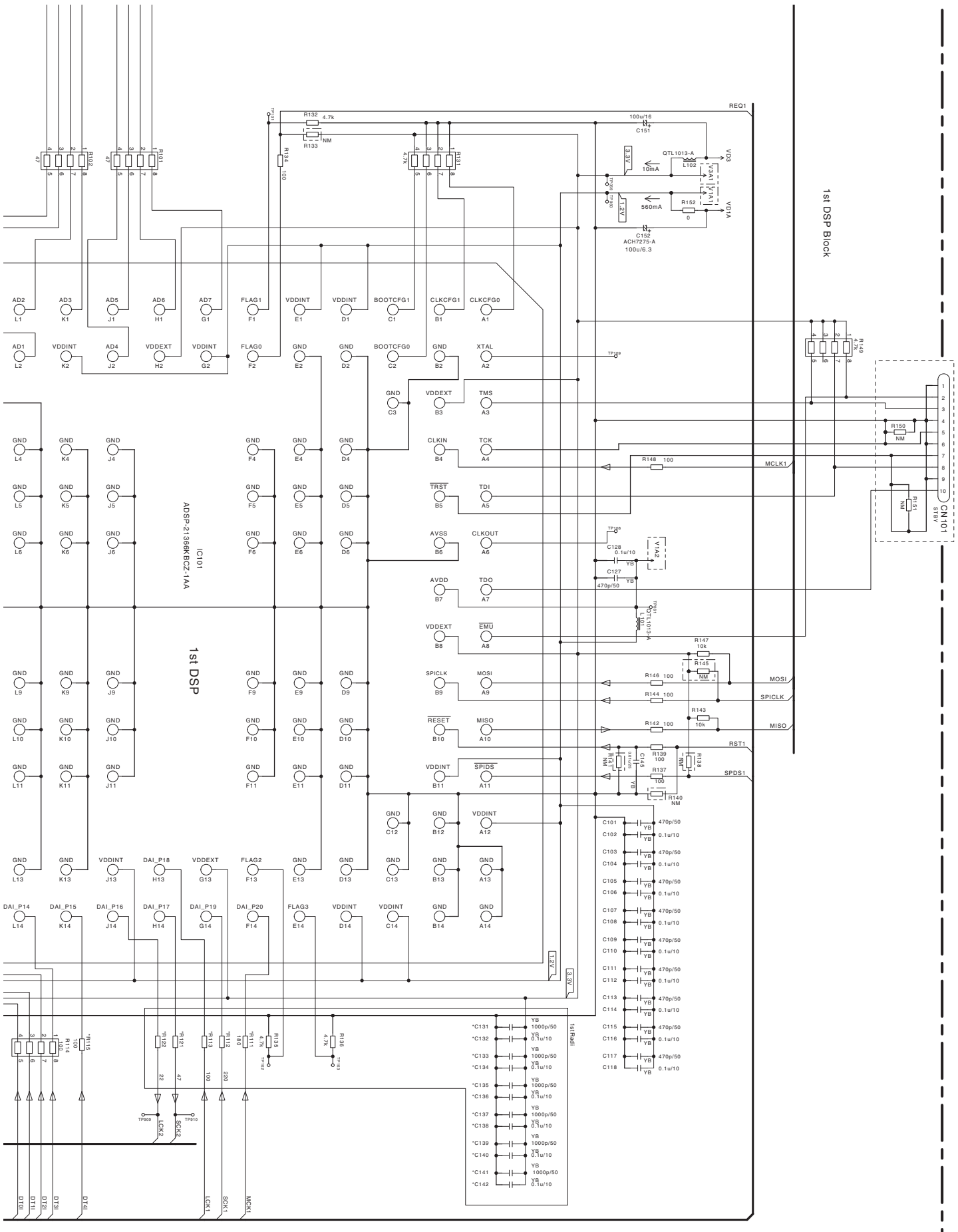
Large size SCH diagram





NOTE
1. RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Toleranee: (J)5% unless otherwise noted.
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
3. NM: No Mount

Q 1/3


1st DSP
IC101
ADSP-21366KBCZ-1AA
1st DSP Block
REQ1
MCLK1
MOSI
SPICLK
MISO
RST1
SPDS1
CN101
STBY
QTL1013-A
ACH7275-A
100u/16
100u/6.3
3.3V
1.2V
10mA
560mA
AD2
AD3
AD5
AD6
AD7
FLAG1
VDDINT
BOOTCFG1
CLKCFG1
CLKCFG0
AD1
VDDEXT
FLAG0
BOOTCFG0
XTAL
TMS
CLKIN
TCK
TRST
TDI
AVSS
CLKOUT
AVDD
TDO
EMU
SPICLK
MOSI
RESET
MISO
SPIDS
DAI_P14
DAI_P15
DAI_P16
DAI_P17
DAI_P18
DAI_P19
DAI_P20
FLAG2
FLAG3
LCK2
SCK2
LCK1
SCK1
MCK1
DT0I
DT1I
DT2I
DT3I
DT4I
1stRadI

10.28 DSP ASSY (2/3)

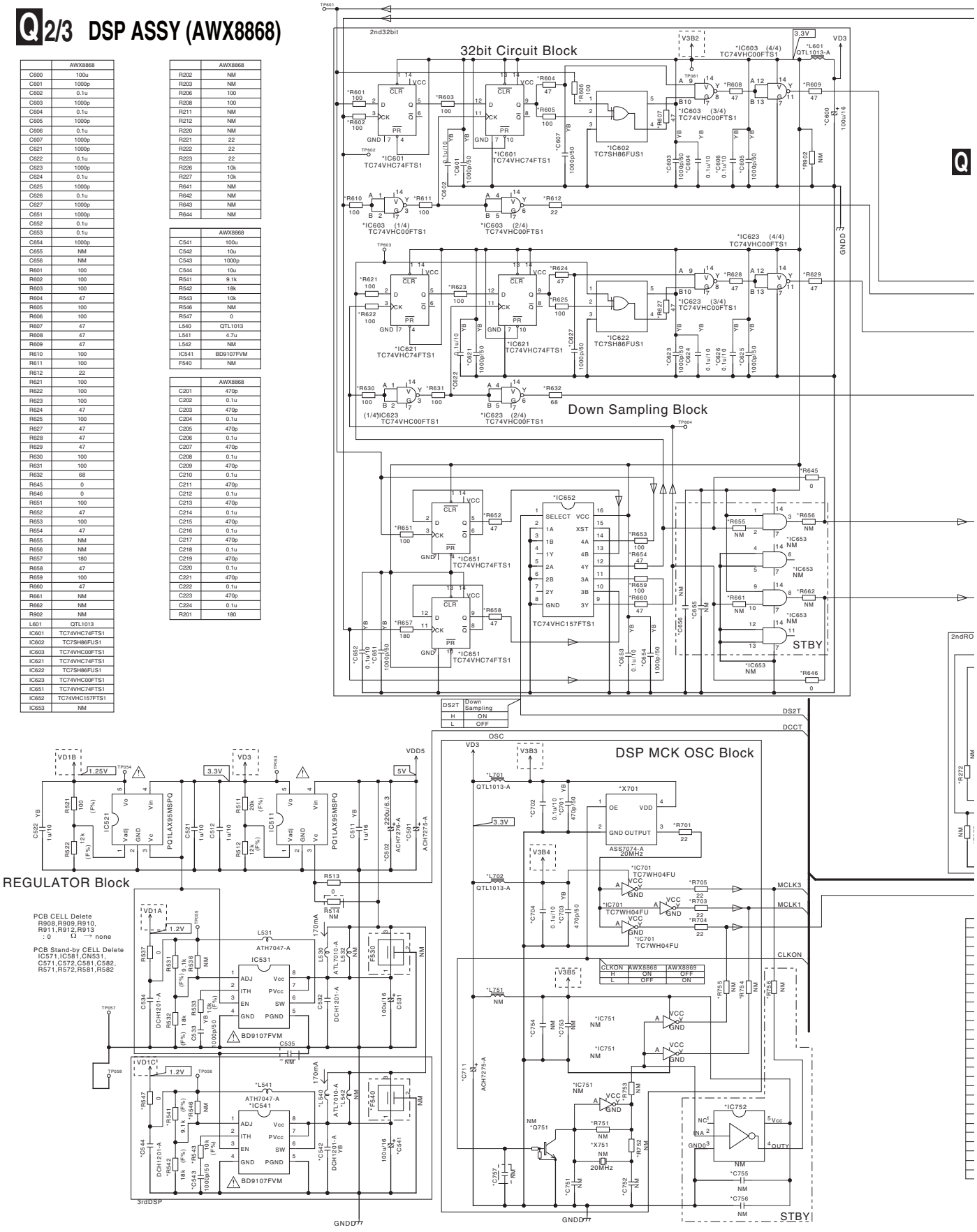
Q2/3 DSP ASSY (AWX8868)

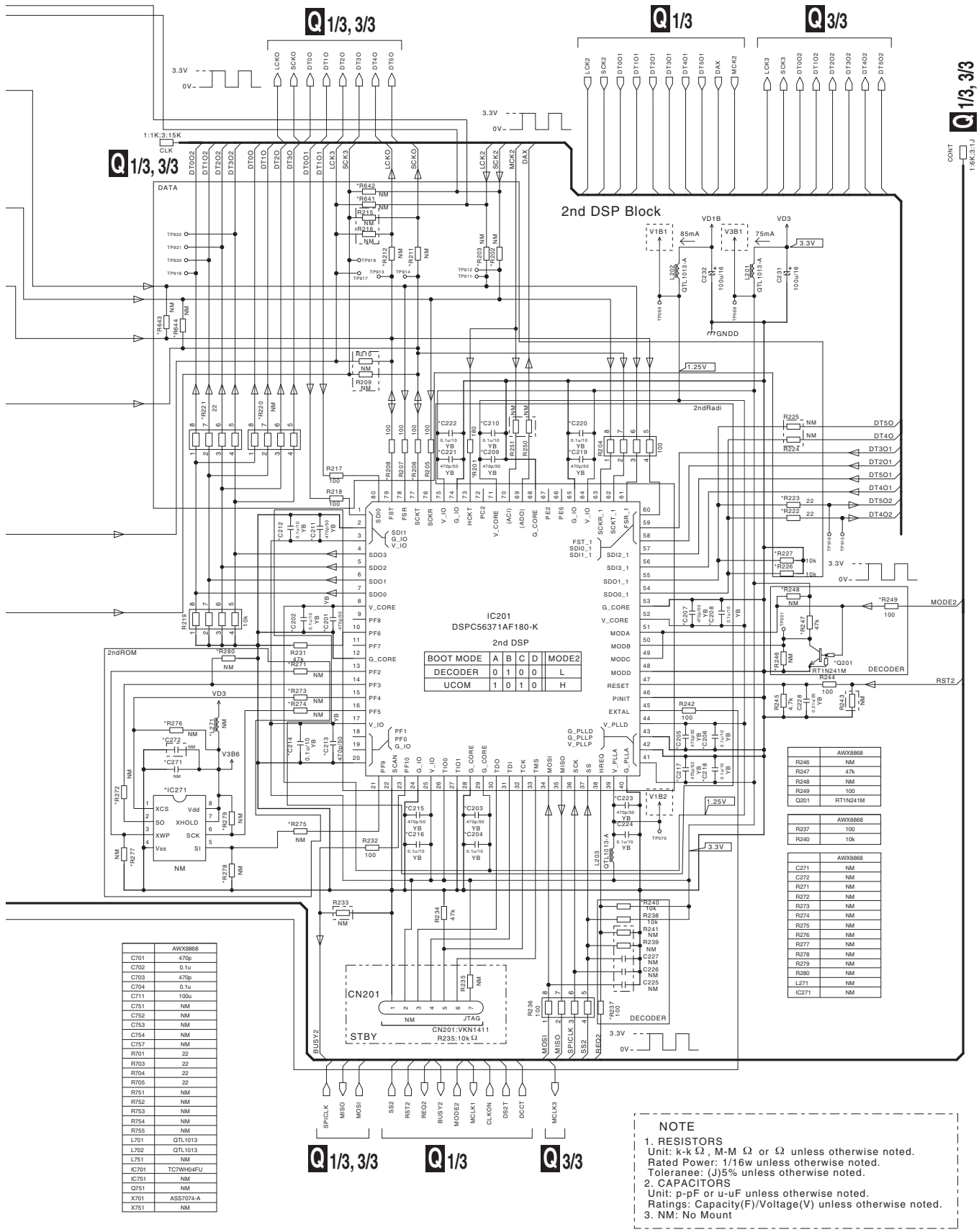
	AWX8868
C600	100u
C601	1000p
C602	0.1u
C603	1000p
C604	0.1u
C605	1000p
C606	0.1u
C607	1000p
C621	1000p
C622	0.1u
C623	1000p
C624	0.1u
C625	1000p
C626	0.1u
C627	1000p
C651	1000p
C652	0.1u
C653	0.1u
C654	1000p
C655	NM
C656	NM
R601	100
R602	100
R603	100
R604	47
R605	100
R606	100
R607	47
R608	47
R609	47
R610	100
R611	100
R612	22
R621	100
R622	100
R623	100
R624	47
R625	100
R627	47
R628	47
R629	47
R630	100
R631	100
R632	68
R645	0
R646	0
R651	100
R652	47
R653	100
R654	47
R655	NM
R656	NM
R657	180
R658	47
R659	100
R660	47
R661	NM
R662	NM
R902	NM
L601	QTL1013
IC601	TC74VHC74FTS1
IC602	TC7SH86FUS1
IC603	TC74VHC00FTS1
IC621	TC74VHC74FTS1
IC622	TC7SH86FUS1
IC623	TC74VHC00FTS1
IC651	TC74VHC74FTS1
IC652	TC74VHC157FTS1
IC653	NM

	AWX8868
R202	NM
R203	NM
R206	100
R208	100
R211	NM
R212	NM
R220	NM
R221	22
R222	22
R223	22
R226	10k
R227	10k
R641	NM
R642	NM
R643	NM
R644	NM

	AWX8868
C541	100u
C542	10u
C543	1000p
C544	10u
R541	9.1k
R542	18k
R543	10k
R546	NM
R547	0
L540	QTL1013
L541	4.7u
L542	NM
IC541	BD9107FVM
F540	NM

	AWX8868
C201	470p
C202	0.1u
C203	470p
C204	0.1u
C205	470p
C206	0.1u
C207	470p
C208	0.1u
C209	470p
C210	0.1u
C211	470p
C212	0.1u
C213	470p
C214	0.1u
C215	470p
C216	0.1u
C217	470p
C218	0.1u
C219	470p
C220	0.1u
C221	470p
C222	0.1u
C223	470p
C224	0.1u
R201	180





	AWX8868
R246	NM
R247	47k
R248	NM
R249	100
Q201	RT1N241M

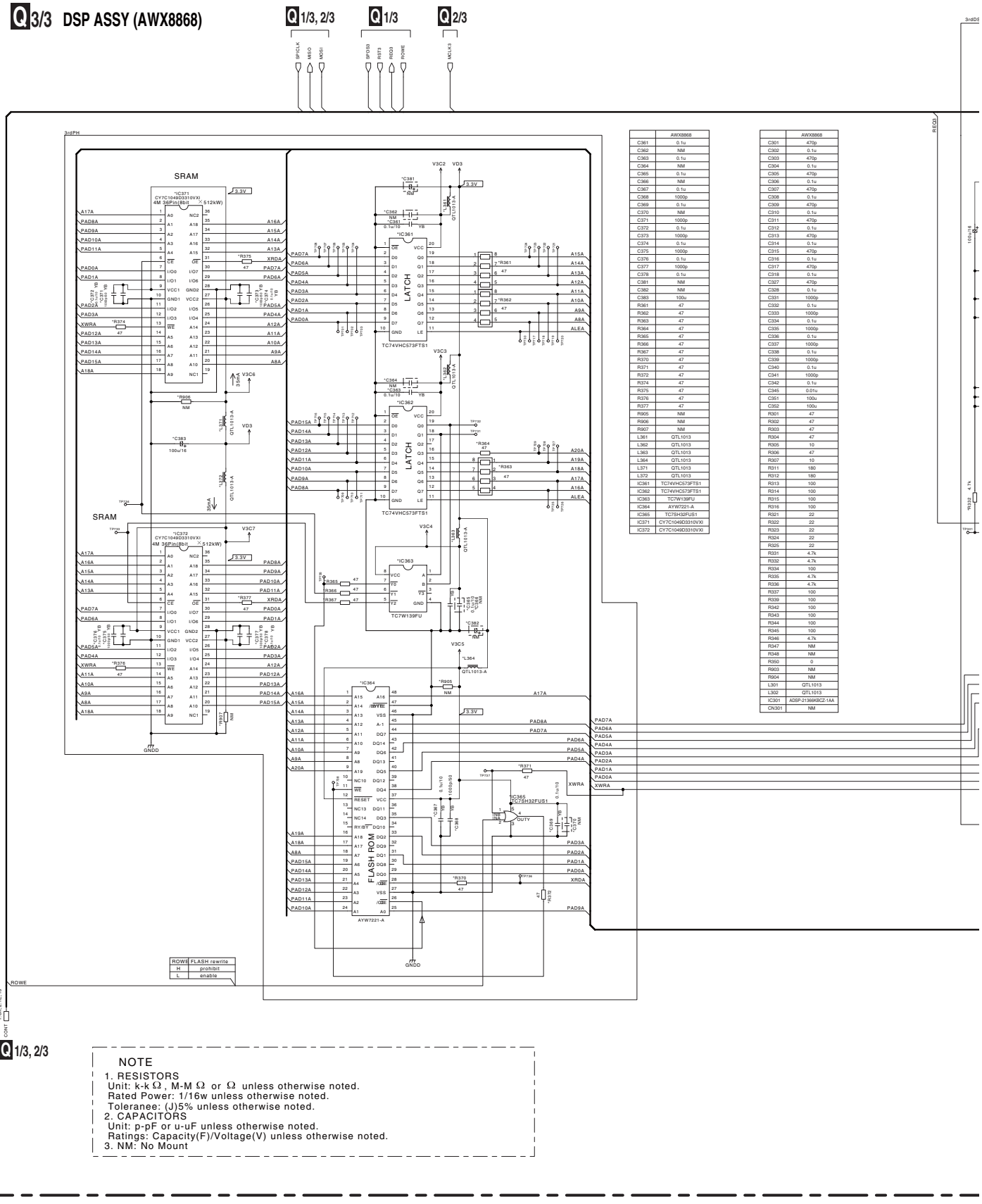
	AWX8868
R237	100
R240	10k

	AWX8868
C271	NM
C272	NM
R271	NM
R272	NM
R273	NM
R274	NM
R275	NM
R276	NM
R277	NM
R278	NM
R279	NM
R280	NM
L271	NM
IC271	NM

	AWX8868
C701	470p
C702	0.1u
C703	470p
C704	0.1u
C711	100u
C751	NM
C752	NM
C753	NM
C754	NM
C757	NM
R701	22
R703	22
R704	22
R705	22
R751	NM
R752	NM
R753	NM
R754	NM
R755	NM
L701	QTL1013
L702	QTL1013
L751	NM
IC701	TC7WH04FU
IC751	NM
Q751	NM
X701	ASS7074-A
X751	NM

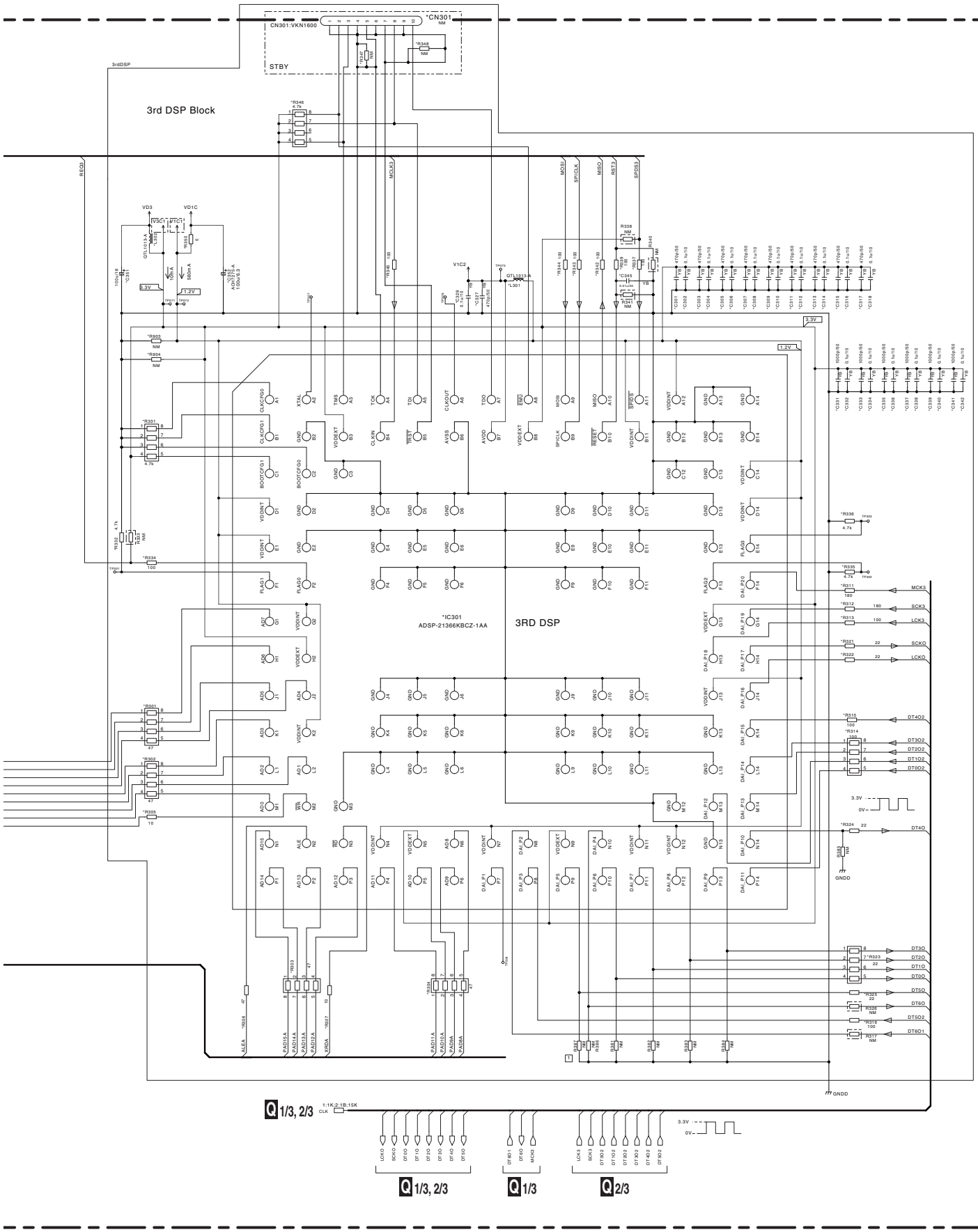
NOTE
1. RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Toleranee: (J)5% unless otherwise noted.
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
3. NM: No Mount

10.29 DSP ASSY (3/3) (Guide page)

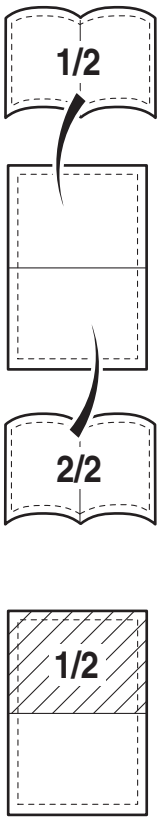


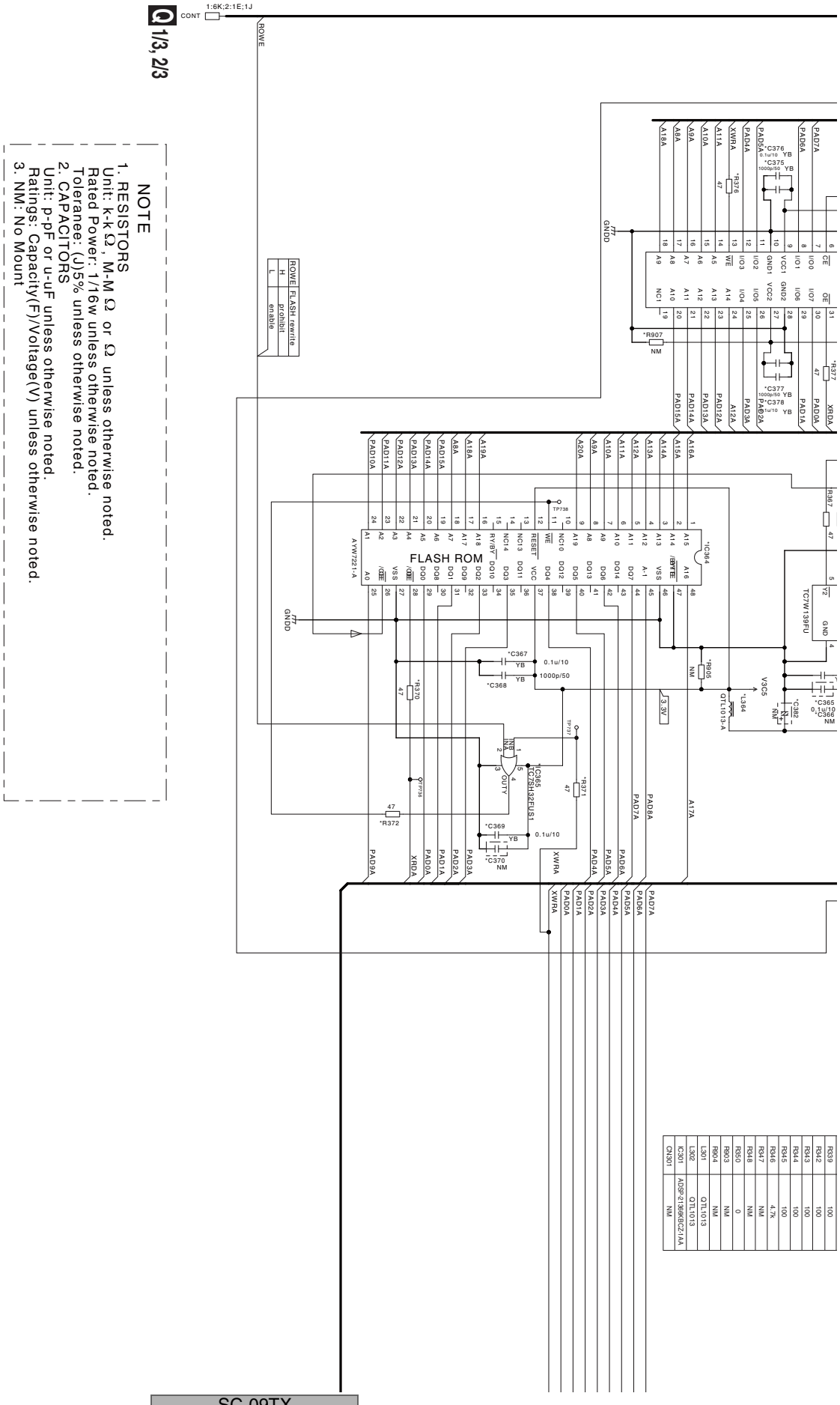
	AWX8868
C361	0.1u
C362	NM
C363	0.1u
C364	NM
C365	0.1u
C366	NM
C367	0.1u
C368	1000p
C369	0.1u
C370	NM
C371	1000p
C372	0.1u
C373	1000p
C374	0.1u
C375	1000p
C376	0.1u
C377	1000p
C378	0.1u
C381	NM
C382	NM
C383	100u
R361	47
R362	47
R363	47
R364	47
R365	47
R366	47
R367	47
R370	47
R371	47
R372	47
R374	47
R375	47
R376	47
R377	47
R905	NM
R906	NM
R907	NM
L361	QTL1013
L362	QTL1013
L363	QTL1013
L364	QTL1013
L371	QTL1013
L372	QTL1013
IC361	TC74VHC573FTS1
IC362	TC74VHC573FTS1
IC363	TC7W139FU
IC364	AYW7221-A
IC365	TC7SH32FUS1
IC371	CY7C1049D3310VXI
IC372	CY7C1049D3310VXI

	AWX8868
C301	470p
C302	0.1u
C303	470p
C304	0.1u
C305	470p
C306	0.1u
C307	470p
C308	0.1u
C309	470p
C310	0.1u
C311	470p
C312	0.1u
C313	470p
C314	0.1u
C315	470p
C316	0.1u
C317	470p
C318	0.1u
C327	470p
C328	0.1u
C331	1000p
C332	0.1u
C333	1000p
C334	0.1u
C335	1000p
C336	0.1u
C337	1000p
C338	0.1u
C339	1000p
C340	0.1u
C341	1000p
C342	0.1u
C345	0.01u
C351	100u
C352	100u
R301	47
R302	47
R303	47
R304	47
R305	10
R306	47
R307	10
R311	180
R312	180
R313	100
R314	100
R315	100
R316	100
R321	22
R322	22
R323	22
R324	22
R325	22
R331	4.7k
R332	4.7k
R334	100
R335	4.7k
R336	4.7k
R337	100
R339	100
R342	100
R343	100
R344	100
R345	100
R346	4.7k
R347	NM
R348	NM
R350	0
R903	NM
R904	NM
L301	QTL1013
L302	QTL1013
IC301	ADSP-21366KBCZ-1AA
CN301	NM


3rd DSP Block
STBY
3rdDSP
*CN301
CN301:VKN1600
*IC301
ADSP-21366KBCZ-1AA
3RD DSP
3.3V
1.2V
GNDD
Q1/3, 2/3
Q1/3
Q2/3

Large size SCH diagram





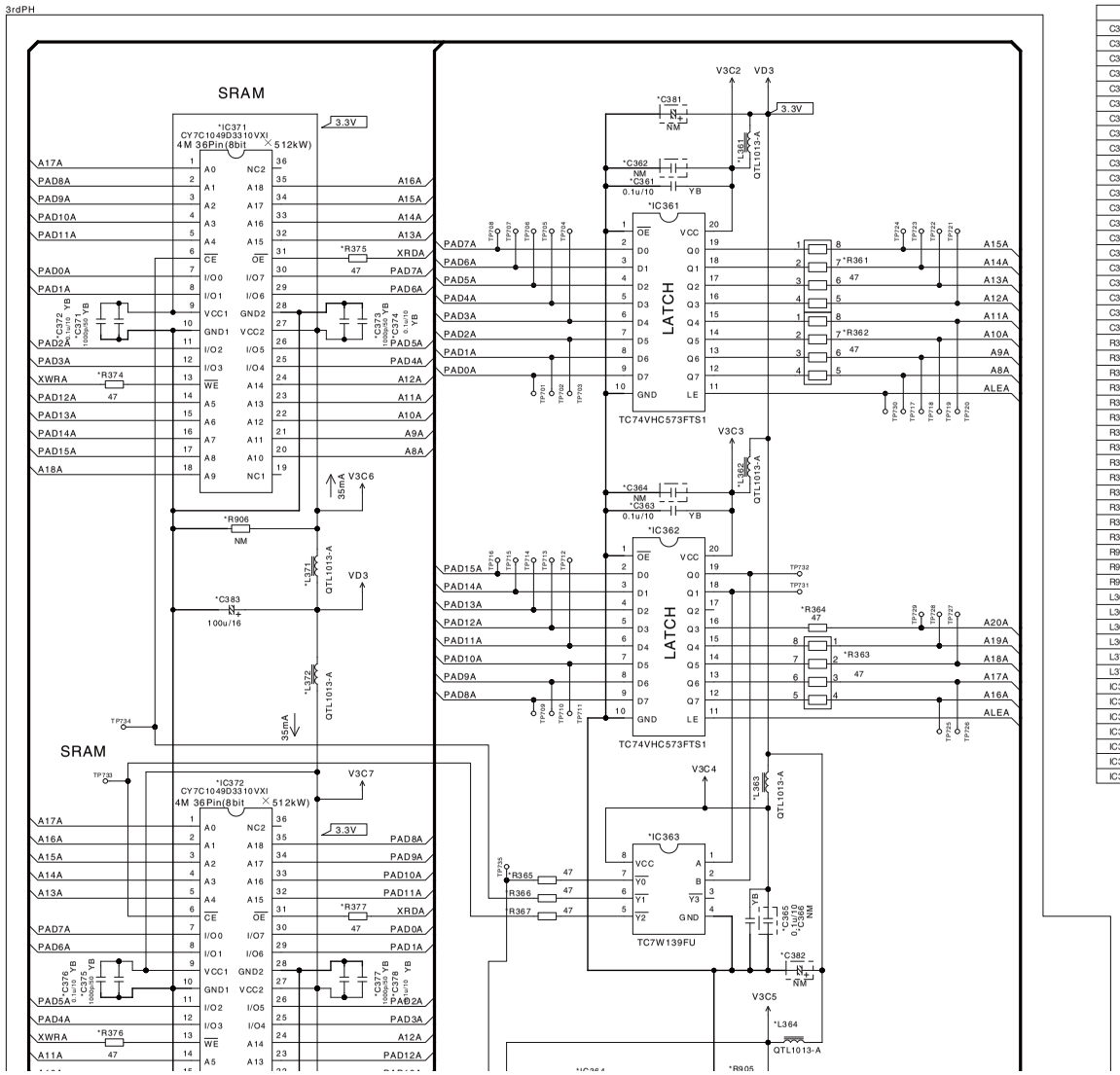
NOTE
1. RESISTORS
Unit: k-k Ω, M-M Ω or Ω unless otherwise noted.
Rated Power: 1/16w unless otherwise noted.
Toleranee: (J)5% unless otherwise noted.
2. CAPACITORS
Unit: p-pF or u-uF unless otherwise noted.
Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
3. NM: No Mount

R339	100
R342	100
R343	100
R344	100
R345	100
R346	4.7K
R347	NM
R348	NM
R350	0
R803	NM
R804	NM
L301	GTL1013
L302	GTL1013
IC301	ADSP-21368KBC-21AA
CN301	NM

Q 3/3 DSP ASSY (AWX8868)

Q 1/3, 2/3 Q 1/3 Q 2/3

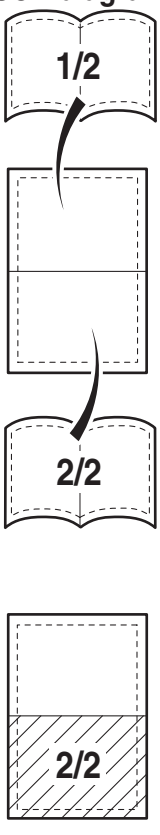
SPICLK MISO MOSI SPDS3 RST3 REQ3 ROWE MCLK3

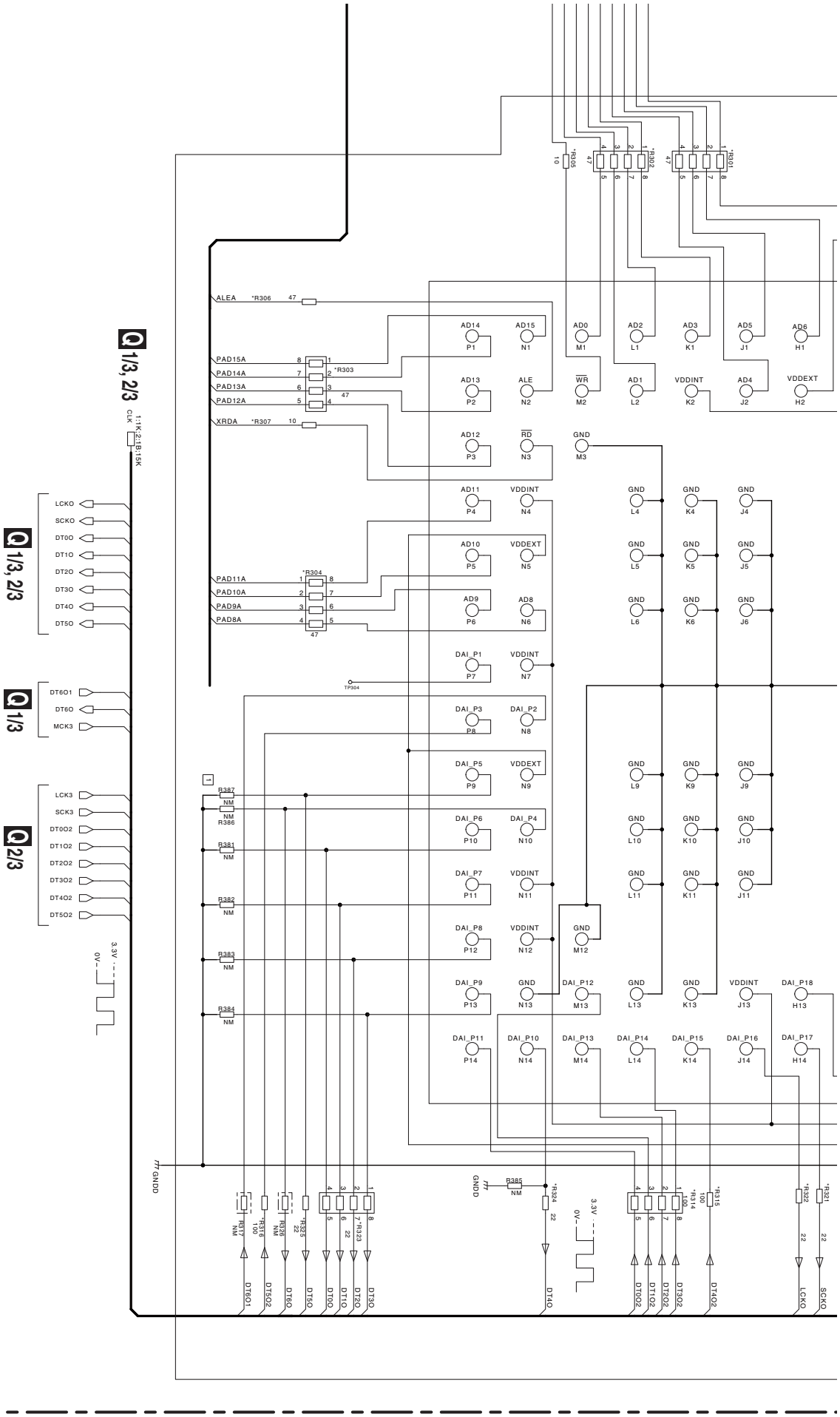


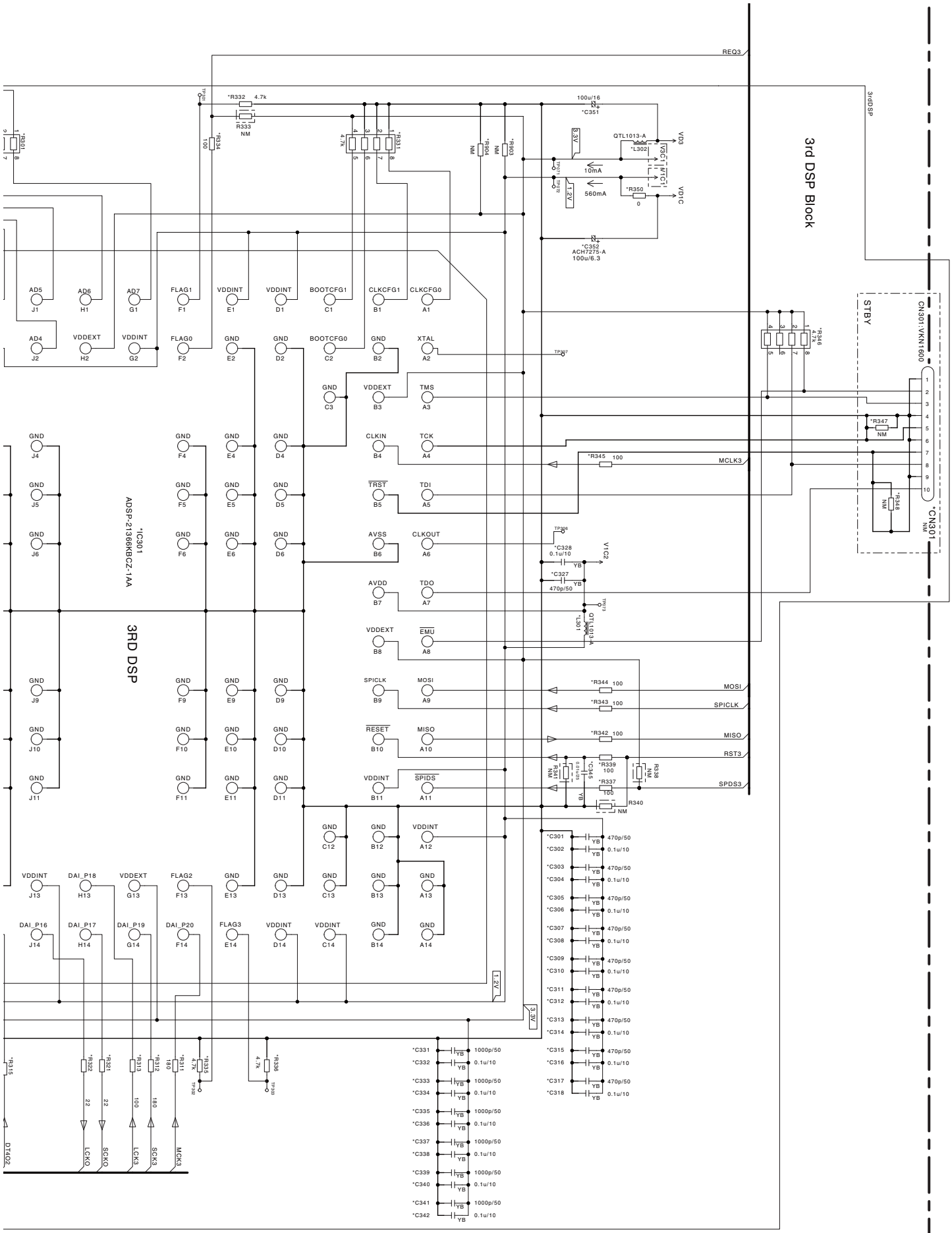
	AWX8868
C361	0.1u
C362	NM
C363	0.1u
C364	NM
C365	0.1u
C366	NM
C367	0.1u
C368	1000p
C369	0.1u
C370	NM
C371	1000p
C372	0.1u
C373	1000p
C374	0.1u
C375	1000p
C376	0.1u
C377	1000p
C378	0.1u
C381	NM
C382	NM
C383	100u
R361	47
R362	47
R363	47
R364	47
R365	47
R366	47
R367	47
R371	47
R372	47
R374	47
R375	47
R376	47
R377	47
R905	NM
R906	NM
R907	NM
L361	QTL1013
L362	QTL1013
L363	QTL1013
L364	QTL1013
L371	QTL1013
L372	QTL1013
IC361	TC74VHC573FTS1
IC362	TC74VHC573FTS1
IC363	TC7W139FU
IC364	AYW7221-A
IC365	TC7SH32FUS1
IC371	CY7C1049D3310VXI
IC372	CY7C1049D3310VXI

	AWX8868
C301	470p
C302	0.1u
C303	470p
C304	0.1u
C305	470p
C306	0.1u
C307	470p
C308	0.1u
C309	470p
C310	0.1u
C311	470p
C312	0.1u
C313	470p
C314	0.1u
C315	470p
C316	0.1u
C317	470p
C318	0.1u
C327	470p
C328	0.1u
C331	1000p
C332	0.1u
C333	1000p
C334	0.1u
C335	1000p
C336	0.1u
C337	1000p
C338	0.1u
C339	1000p
C340	0.1u
C341	1000p
C342	0.1u
C345	0.01u
C351	100u
C352	100u
R301	47
R302	47
R303	47
R304	47
R305	10
R306	47
R307	10
R311	180
R312	180
R313	100
R314	100
R315	100
R316	100
R321	22
R322	22
R323	22
R324	22
R325	22
R331	4.7k
R332	4.7k
R334	100
R335	4.7k
R336	4.7k
R337	100
R339	100
R342	100
R343	100
R344	100
R345	100
R346	4.7k
R347	NM
R348	NM
R350	0
R903	NM
R904	NM

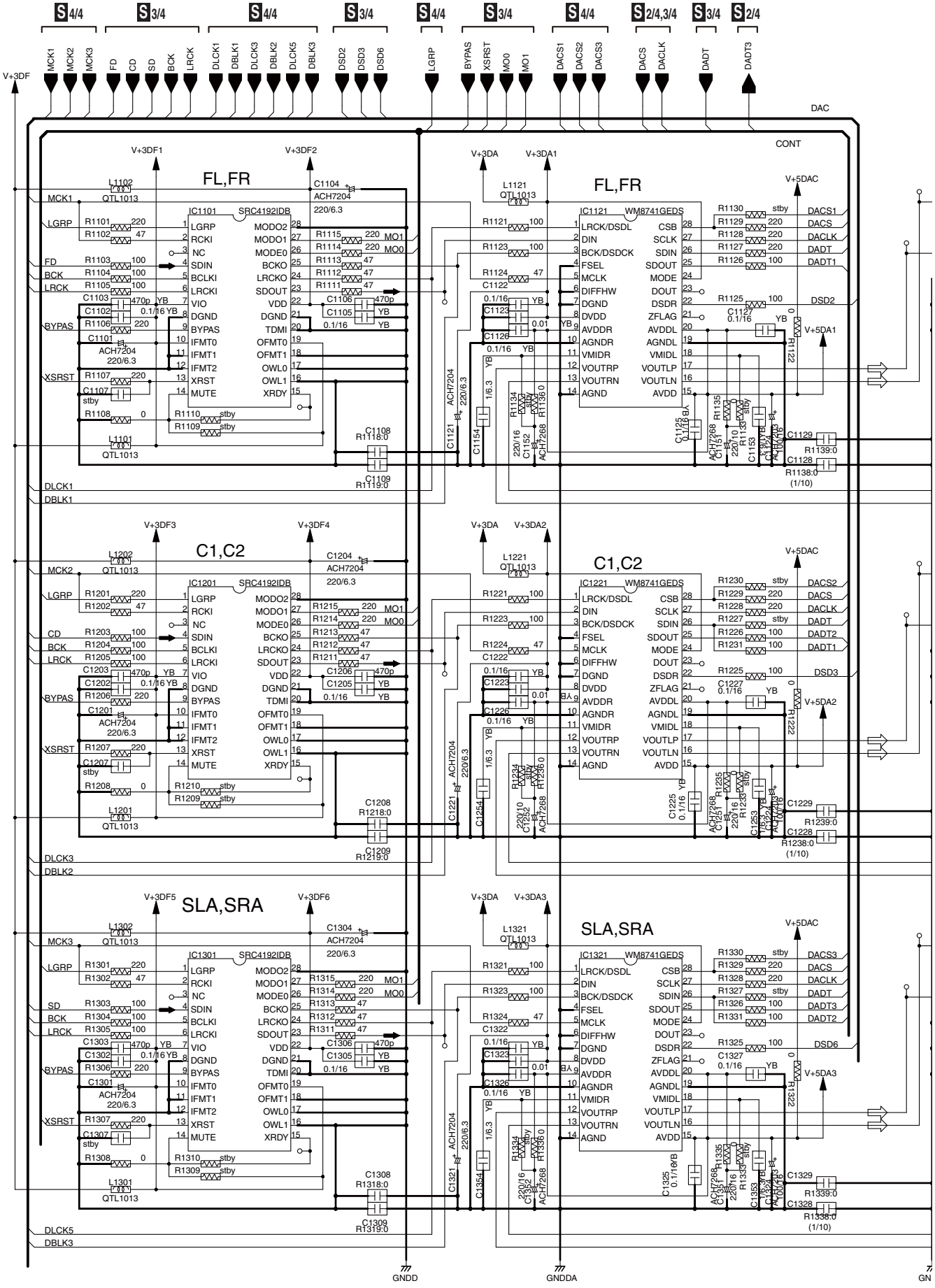
Large size SCH diagram



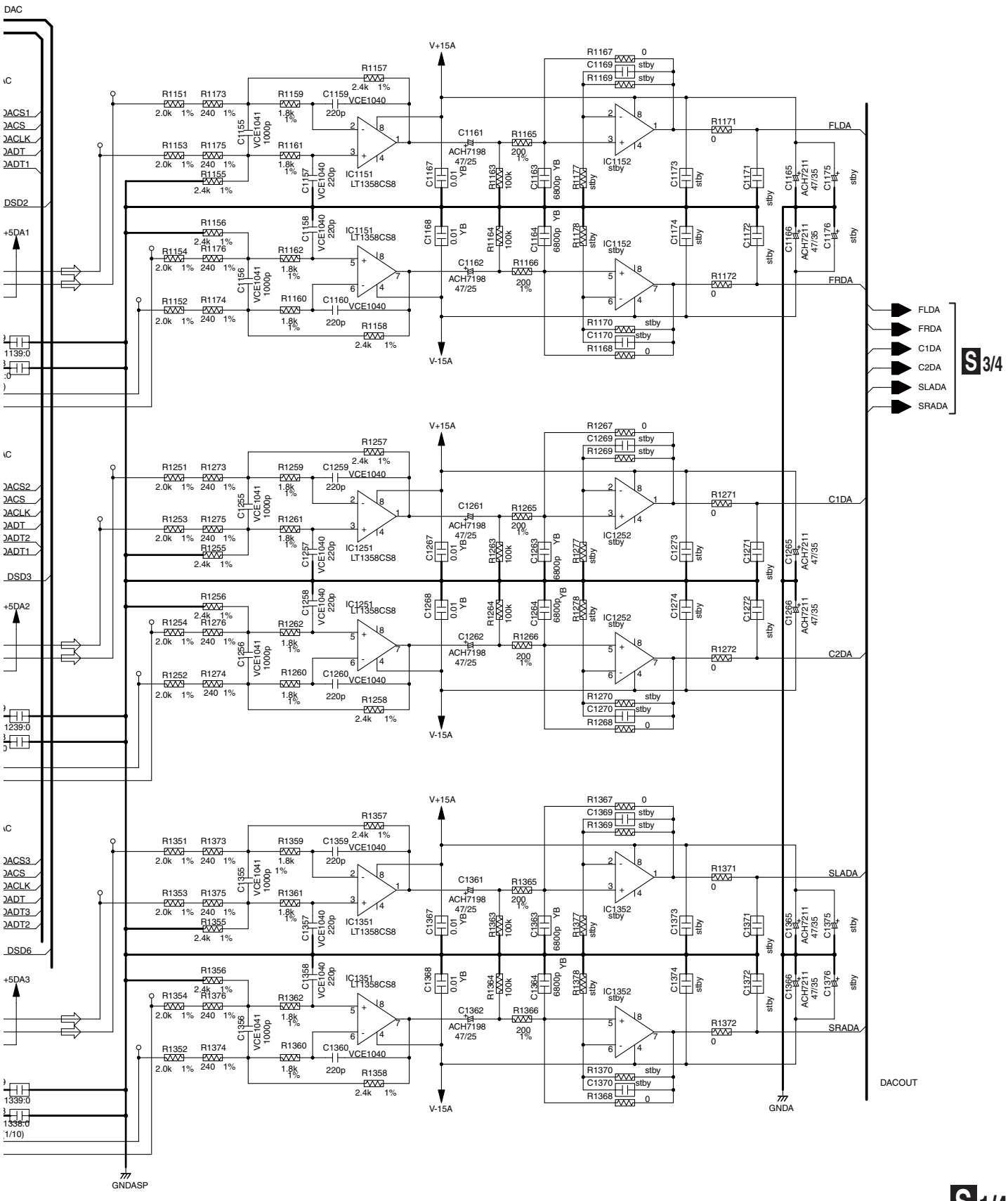



3rd DSP Block
3RD DSP
ADSP-21366KBCZ-1AA
*IC301
STBY
*CN301
CN301:VKN1600
REQ3
3rdDSP
MCLK3
MOSI
SPICLK
MISO
RST3
SPDS3
LCKO
SCKO
LCK3
SCK3
MCK3
DT4O2
QTL1013-A
*L302
*L301
*C352
ACH7275-A
100u/6.3
100u/16
*C351
10mA
560mA
*R350
0
*R332 4.7k
R333
NM
*R334
100
*R330
*R331
4.7k
*R303
*R304
*R345 100
*R347
*R348
*R346
4.7k
*R344 100
*R343 100
*R342 100
*R339
100
*R337
100
R340
R341
R338
*C345
*C328
0.1u/10
*C327
470p/50
*R322
22
*R321
22
*R313
100
*R312
180
*R311
180
*R335
4.7k
*R336
4.7k
*R315
*C301 470p/50
*C302 0.1u/10
*C303 470p/50
*C304 0.1u/10
*C305 470p/50
*C306 0.1u/10
*C307 470p/50
*C308 0.1u/10
*C309 470p/50
*C310 0.1u/10
*C311 470p/50
*C312 0.1u/10
*C313 470p/50
*C314 0.1u/10
*C315 470p/50
*C316 0.1u/10
*C317 470p/50
*C318 0.1u/10
*C331 1000p/50
*C332 0.1u/10
*C333 1000p/50
*C334 0.1u/10
*C335 1000p/50
*C336 0.1u/10
*C337 1000p/50
*C338 0.1u/10
*C339 1000p/50
*C340 0.1u/10
*C341 1000p/50
*C342 0.1u/10
3.3V
1.2V
V1C
V1C2
V1D3
VDDINT
VDDEXT
GND
AD5 AD6 AD7 FLAG1 VDDINT VDDINT BOOTCFG1 CLKCFG1 CLKCFG0
AD4 VDDEXT VDDINT FLAG0 GND GND BOOTCFG0 GND XTAL
GND VDDEXT TMS
GND CLKIN TCK
TRST TDI
AVSS CLKOUT
AVDD TDO
VDDEXT EMU
SPICLK MOSI
RESET MISO
VDDINT SPIDS
VDDINT DAI_P18 VDDEXT FLAG2 GND GND GND GND GND
DAI_P16 DAI_P17 DAI_P19 DAI_P20 FLAG3 VDDINT VDDINT GND GND

10.30 DAC ASSY (1/4)

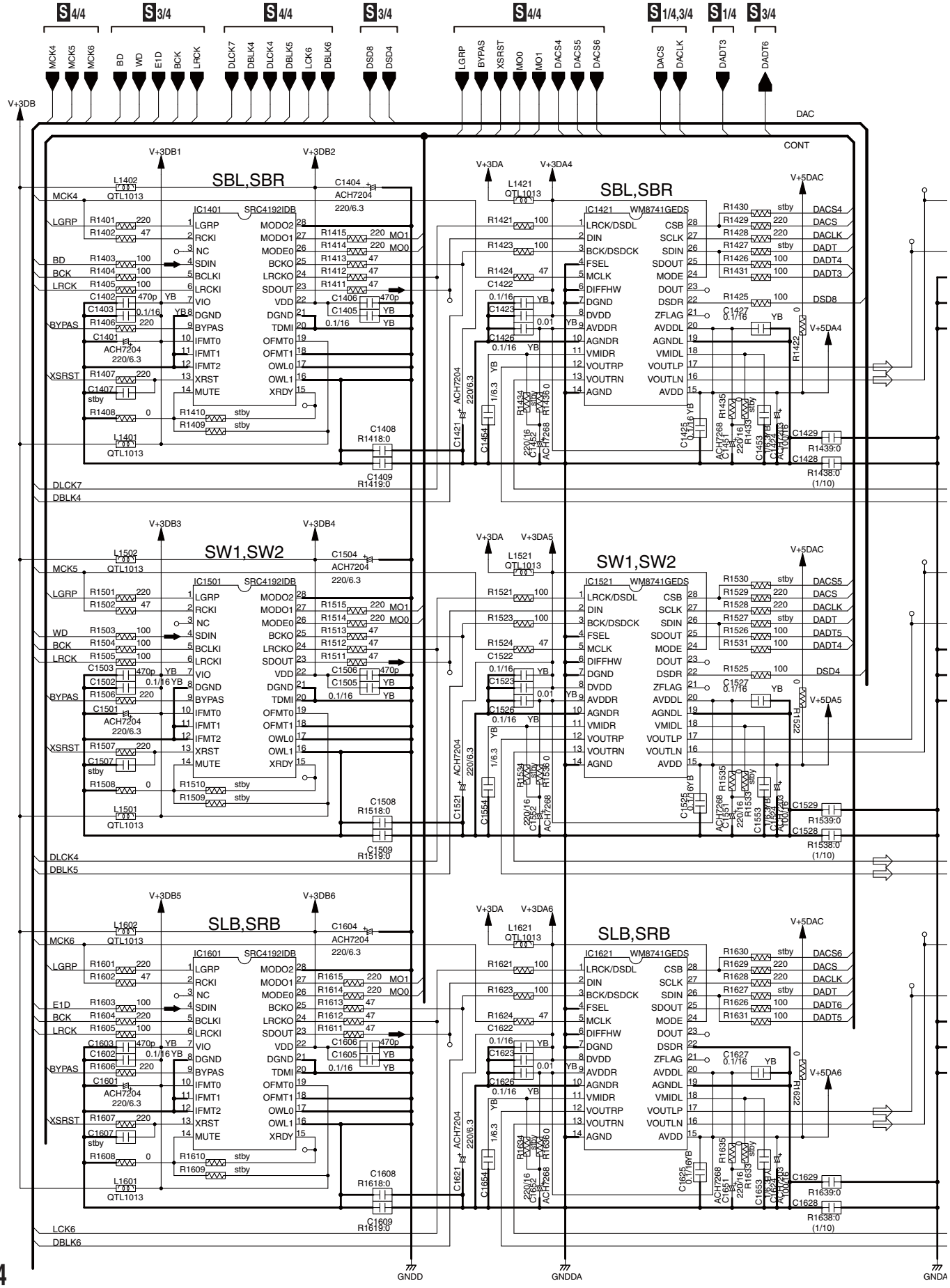


S 1/4 DAC ASSY (JJ:AWX8724) (KU/CA:AWX8723)

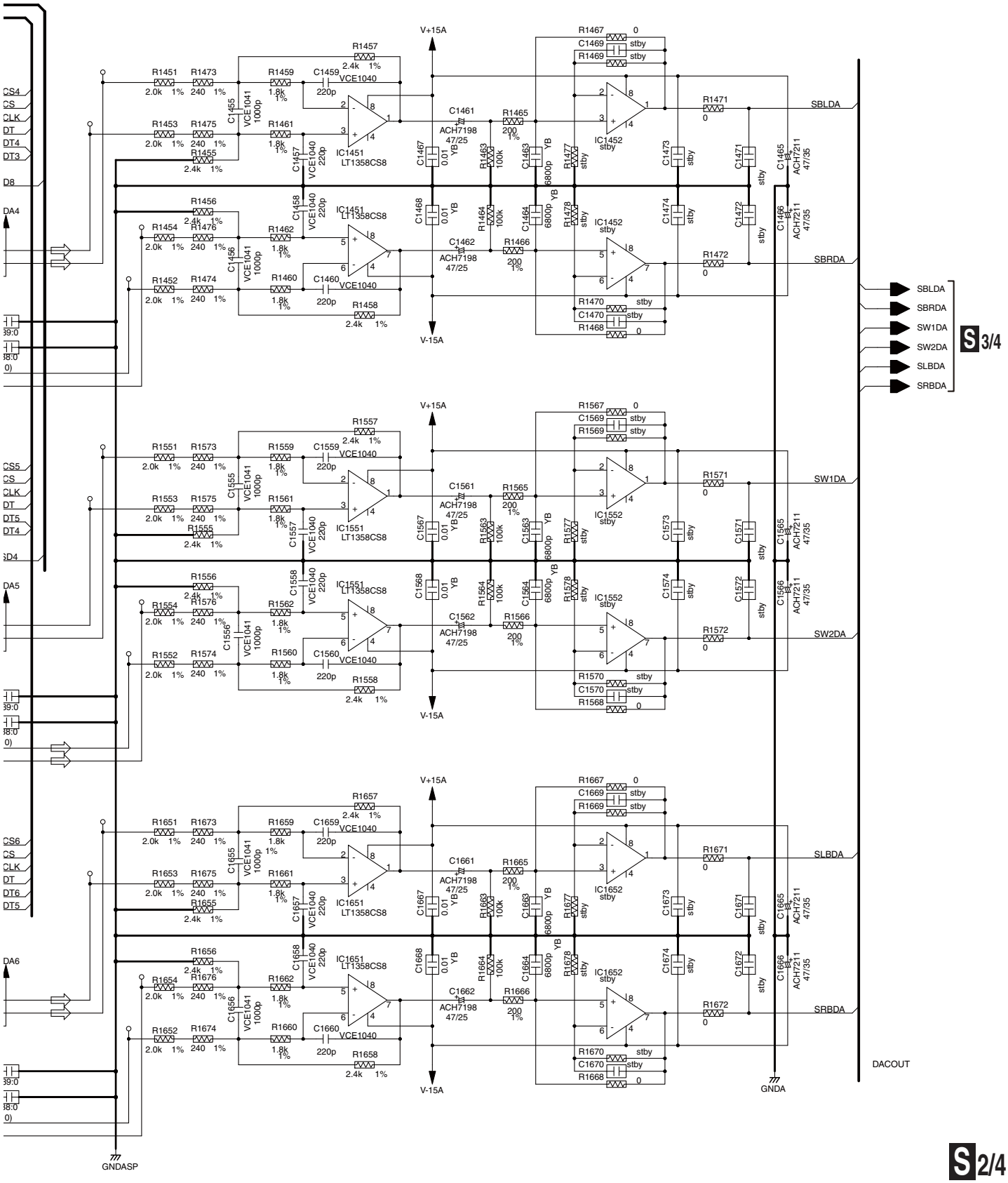


S 1/4

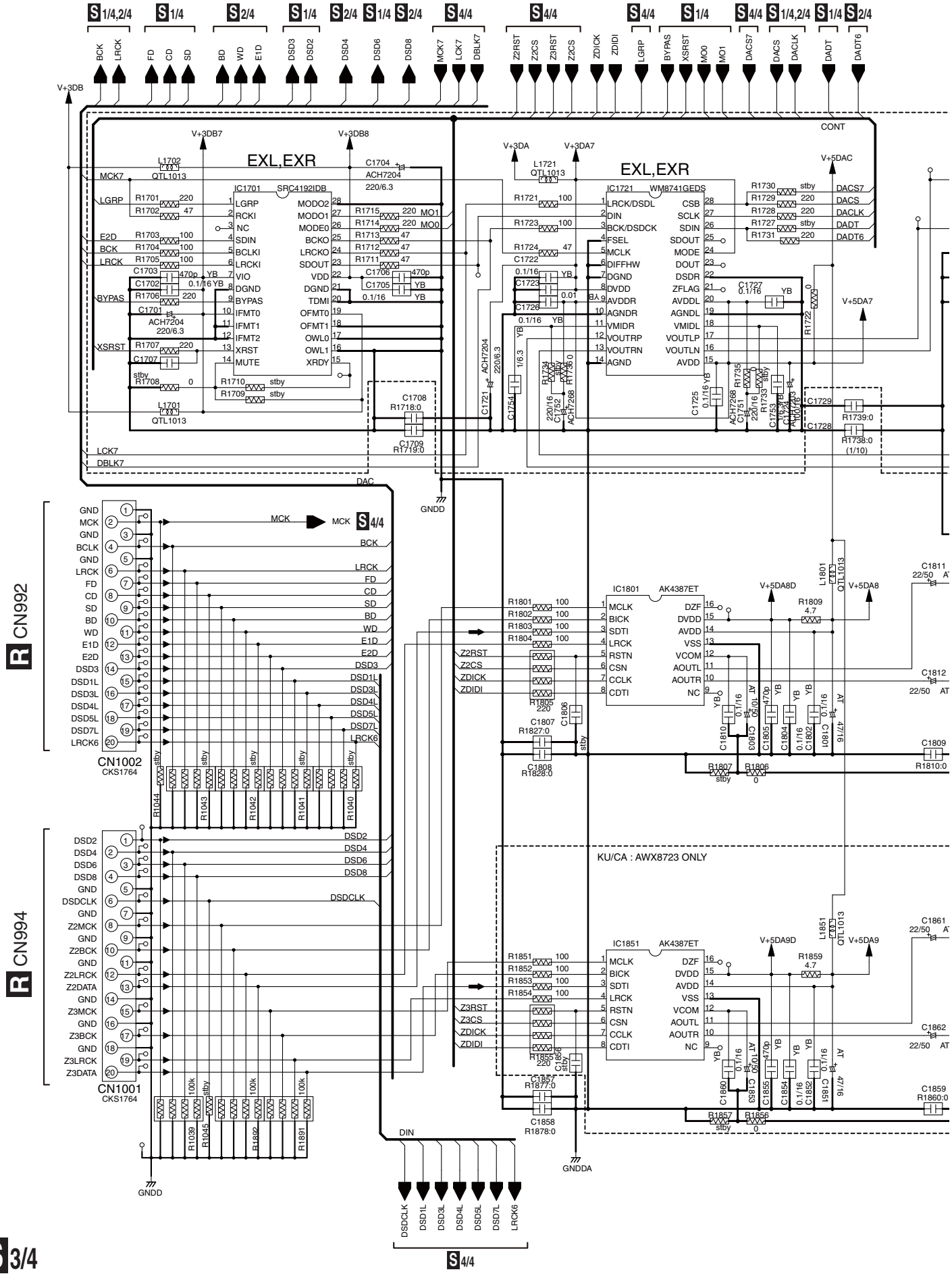
10.31 DAC ASSY (2/4)



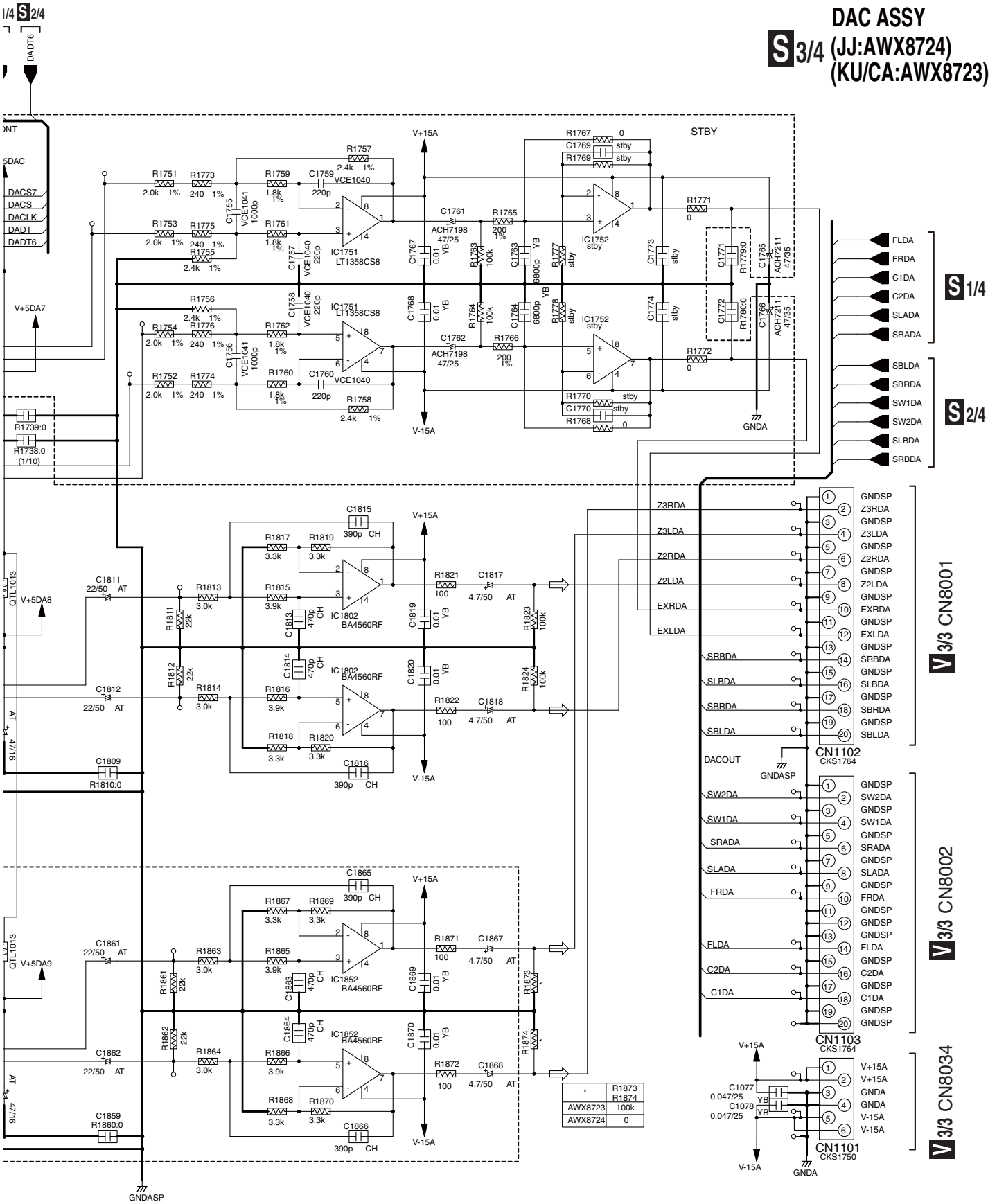
DAC ASSY
S 2/4 (JJ:AWX8724) (KU/CA:AWX8723)



10.32 DAC ASSY (3/4)

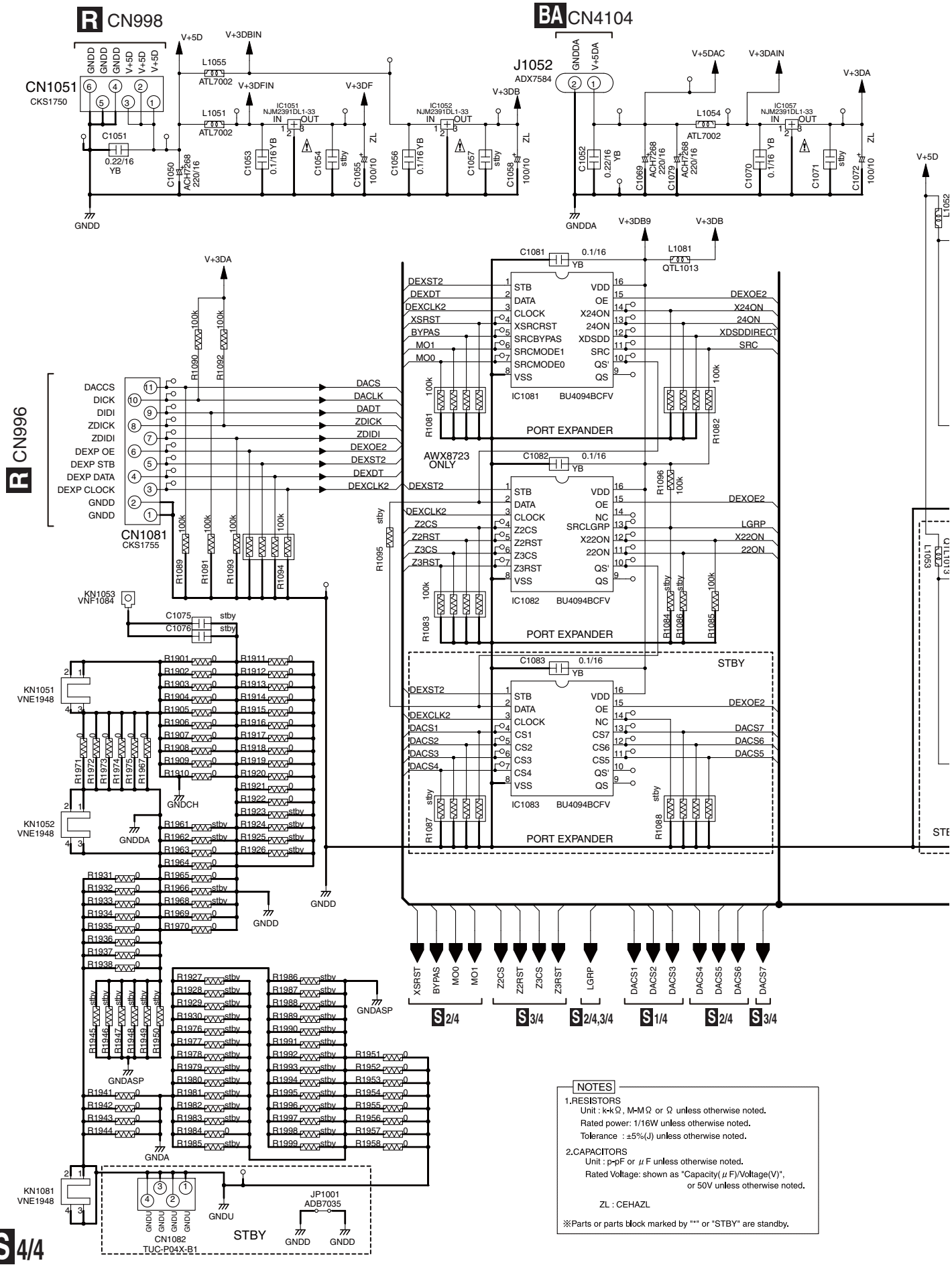


DAC ASSY
S 3/4 (JJ:AWX8724) (KU/CA:AWX8723)



*	R1873 R1874
AWX8723	100k
AWX8724	0

10.33 DAC ASSY (4/4)



NOTES

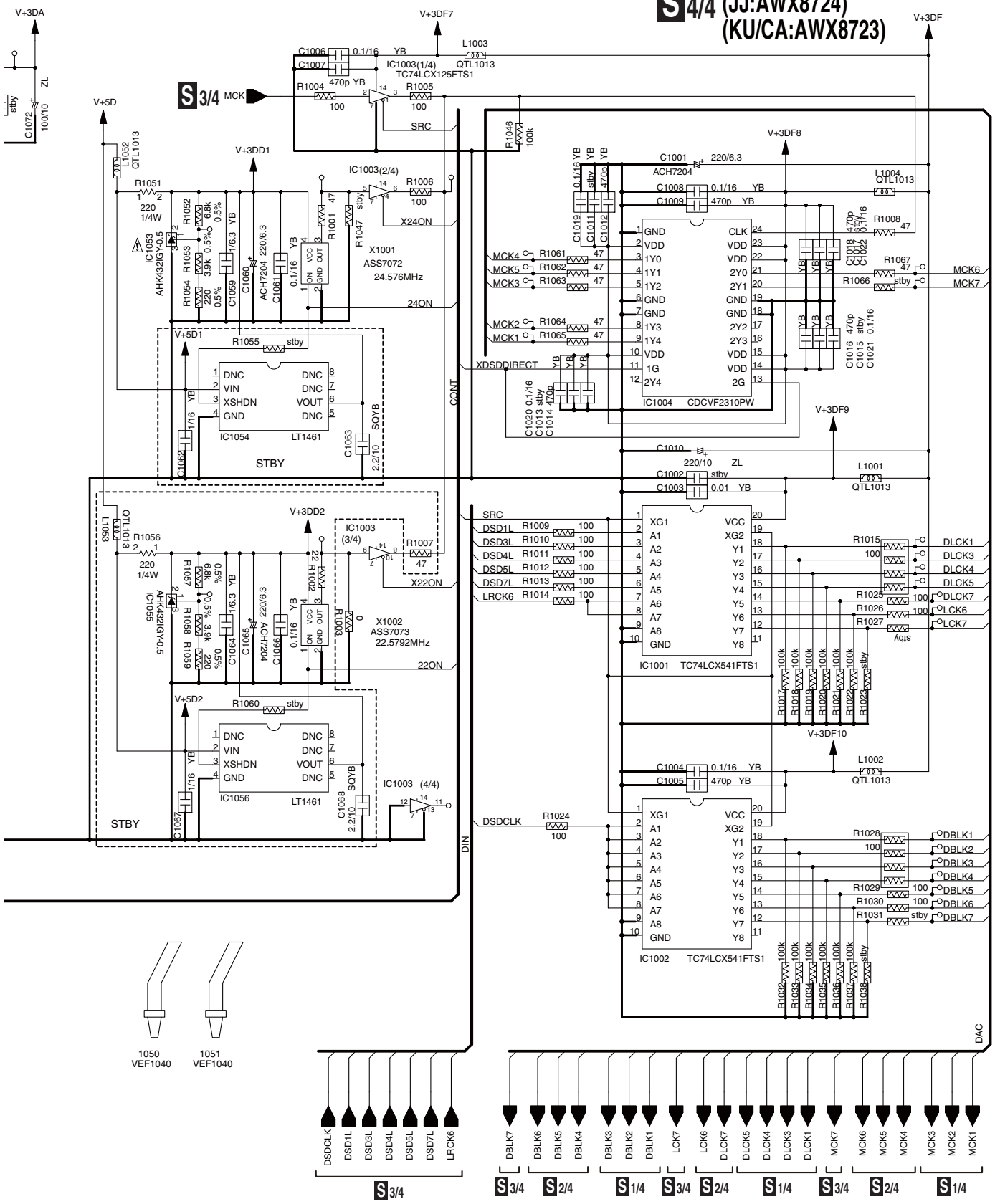
1.RESISTORS
Unit : k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance : ±5%(J) unless otherwise noted.

2.CAPACITORS
Unit : p-pF or μF unless otherwise noted.
Rated Voltage: shown as "Capacity(μF)/Voltage(V)", or 50V unless otherwise noted.

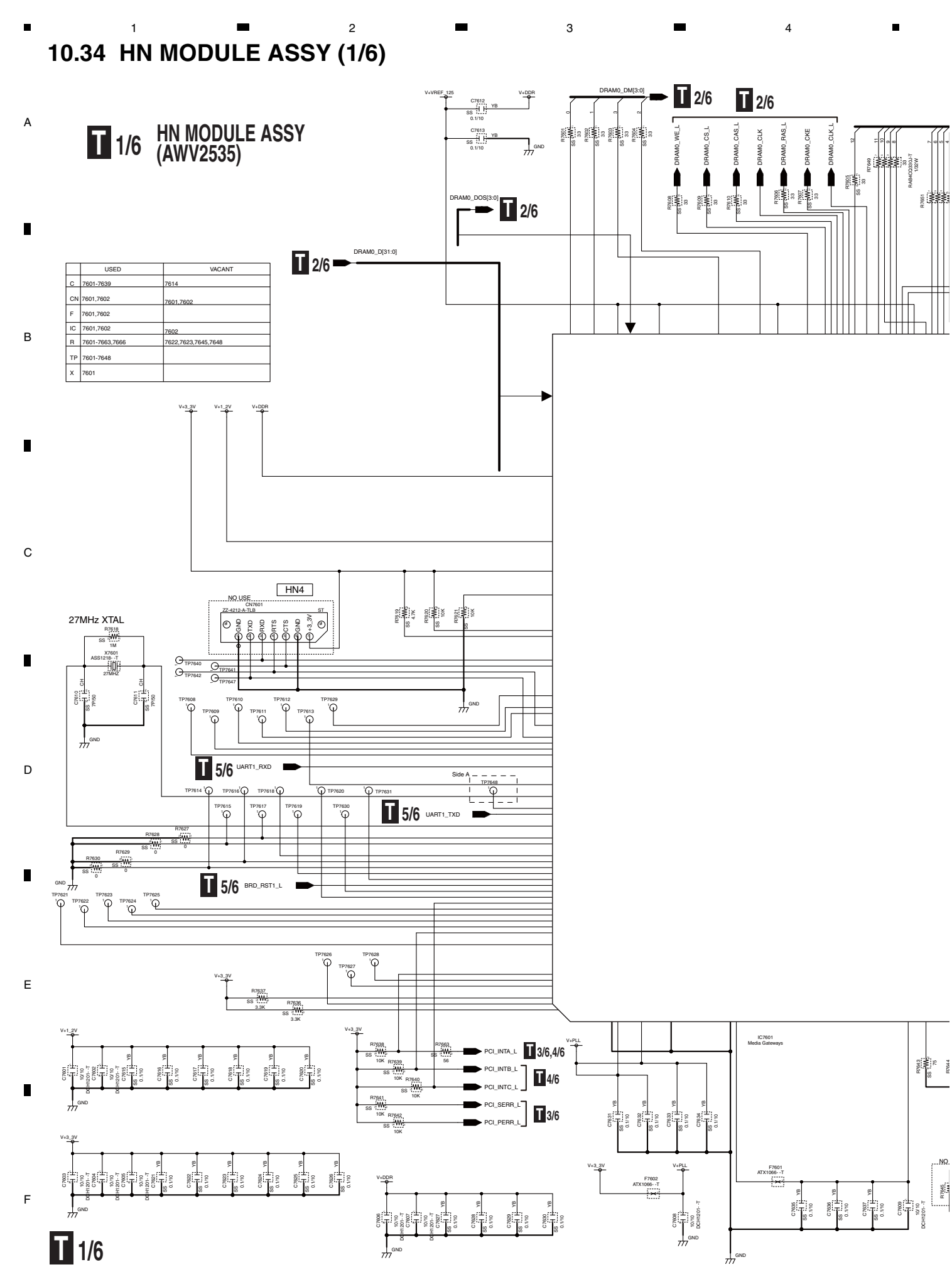
ZL : CEHAZL

※Parts or parts block marked by "*" or "STBY" are standby.

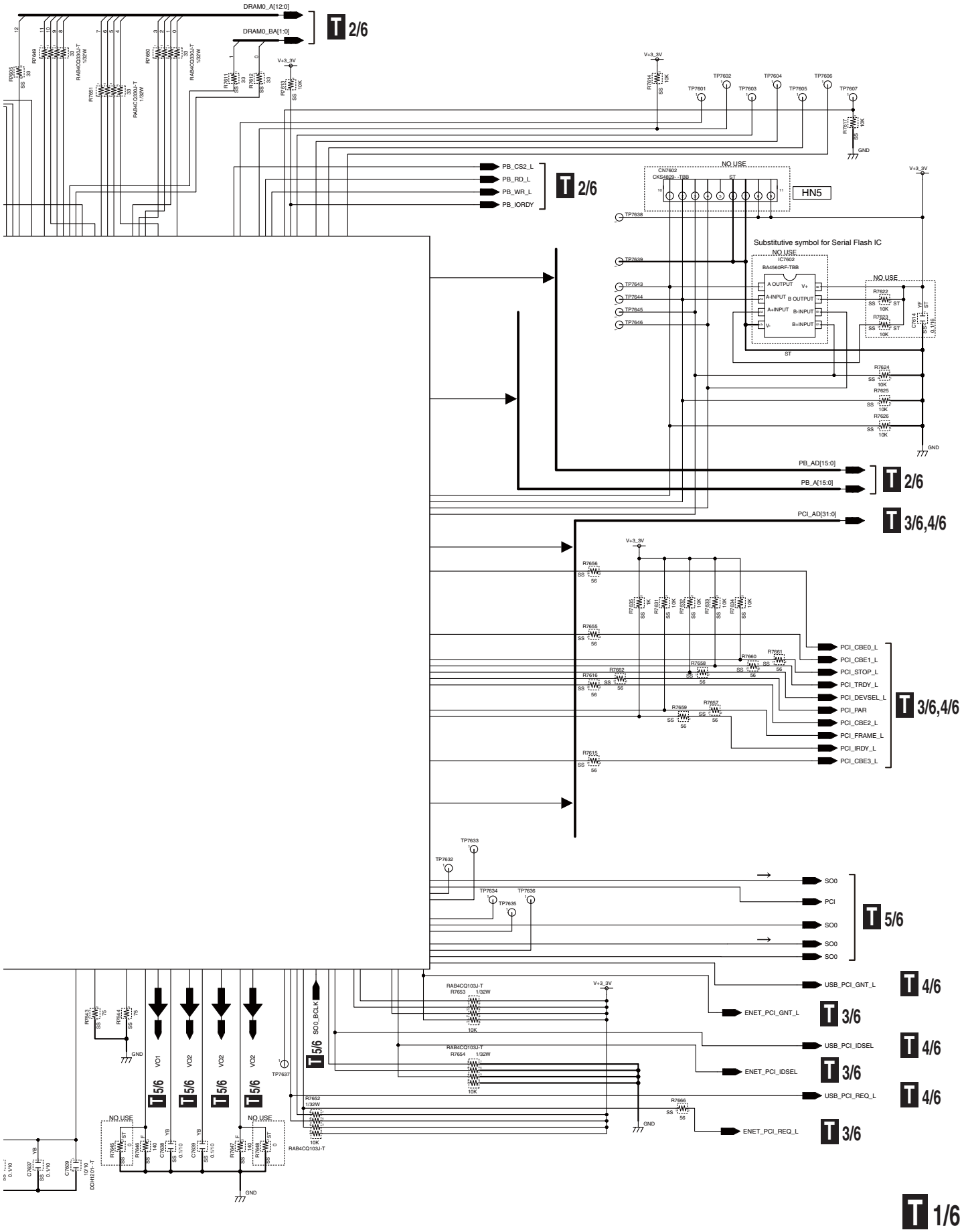
DAC ASSY
S 4/4 (JJ:AWX8724)
(KU/CA:AWX8723)



10.34 HN MODULE ASSY (1/6)

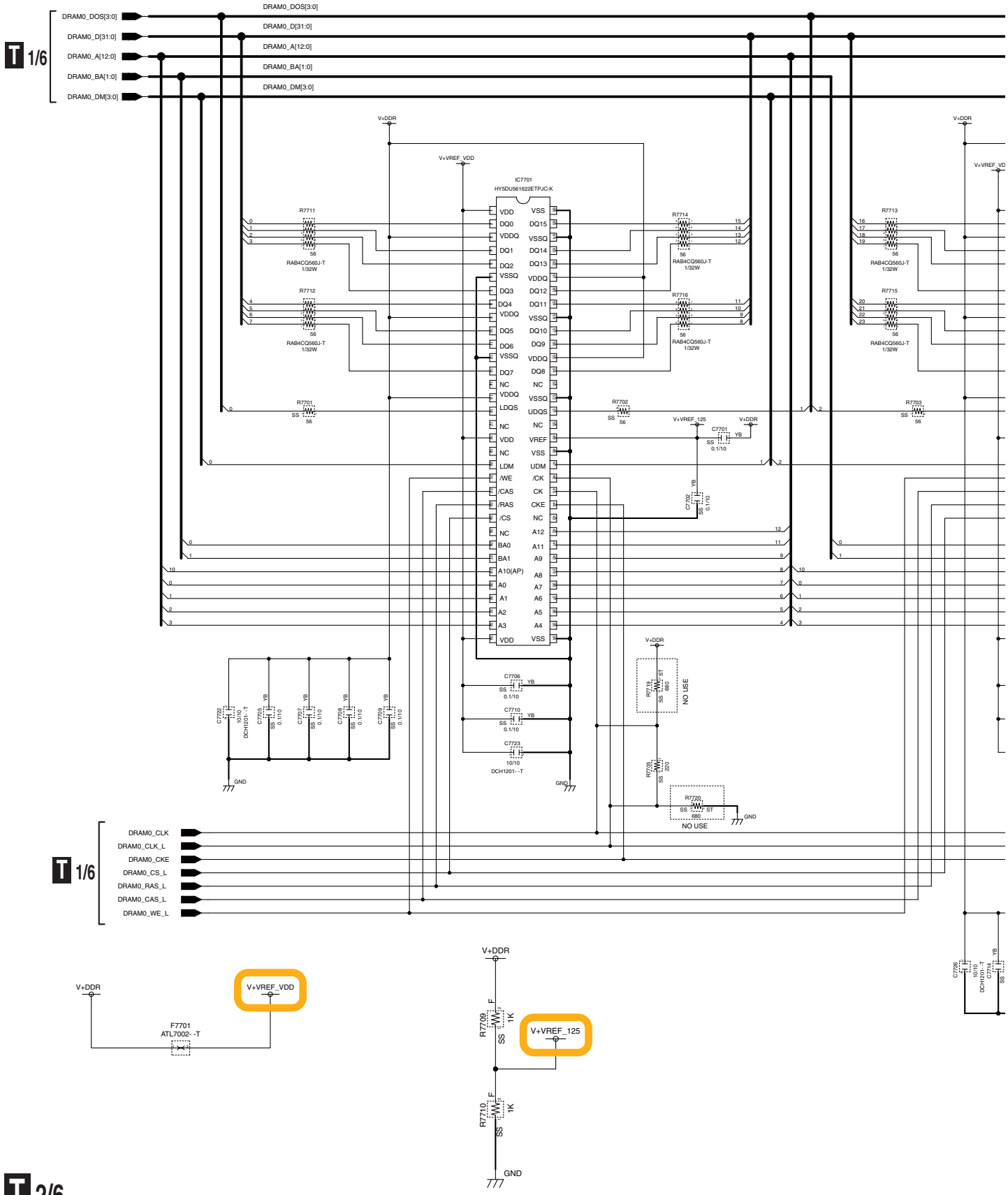


	USED	VACANT
C	7601-7639	7614
CN	7601,7602	7601,7602
F	7601,7602	
IC	7601,7602	7602
R	7601-7663,7666	7622,7623,7645,7648
TP	7601-7648	
X	7601	


DRAM0_A[12:0]
DRAM0_BA[1:0]
T 2/6
V+3_3V
TP7601
TP7602
TP7603
TP7604
TP7605
TP7606
TP7607
GND
PB_CS2_L
PB_RD_L
PB_WR_L
PB_IORDY
T 2/6
NO USE
CN7602
CKS4829-TBB
HN5
TP7638
Substitutive symbol for Serial Flash IC
IC7602
BA4560RF-TBB
TP7639
TP7643
TP7644
TP7645
TP7646
A OUTPUT
A-INPUT
A+INPUT
V-
B OUTPUT
B-INPUT
B+INPUT
V+
PB_AD[15:0]
PB_A[15:0]
T 2/6
PCI_AD[31:0]
T 3/6,4/6
PCI_CBE0_L
PCI_CBE1_L
PCI_STOP_L
PCI_TRDY_L
PCI_DEVSEL_L
PCI_PAR
PCI_CBE2_L
PCI_FRAME_L
PCI_IRDY_L
PCI_CBE3_L
T 3/6,4/6
TP7633
TP7632
TP7634
TP7635
TP7636
SO0
PCI
SO0
SO0
SO0
T 5/6
USB_PCI_GNT_L
T 4/6
ENET_PCI_GNT_L
T 3/6
USB_PCI_IDSEL
T 4/6
ENET_PCI_IDSEL
T 3/6
USB_PCI_REQ_L
T 4/6
ENET_PCI_REQ_L
T 3/6
SO0_BCLK
T 5/6
TP7637
VO1
VO2
VO2
VO2
T 5/6
T 5/6
T 5/6
T 5/6
NO USE
NO USE
RAB4CQ103J-T
RAB4CQ103J-T
RAB4CQ103J-T
T 1/6

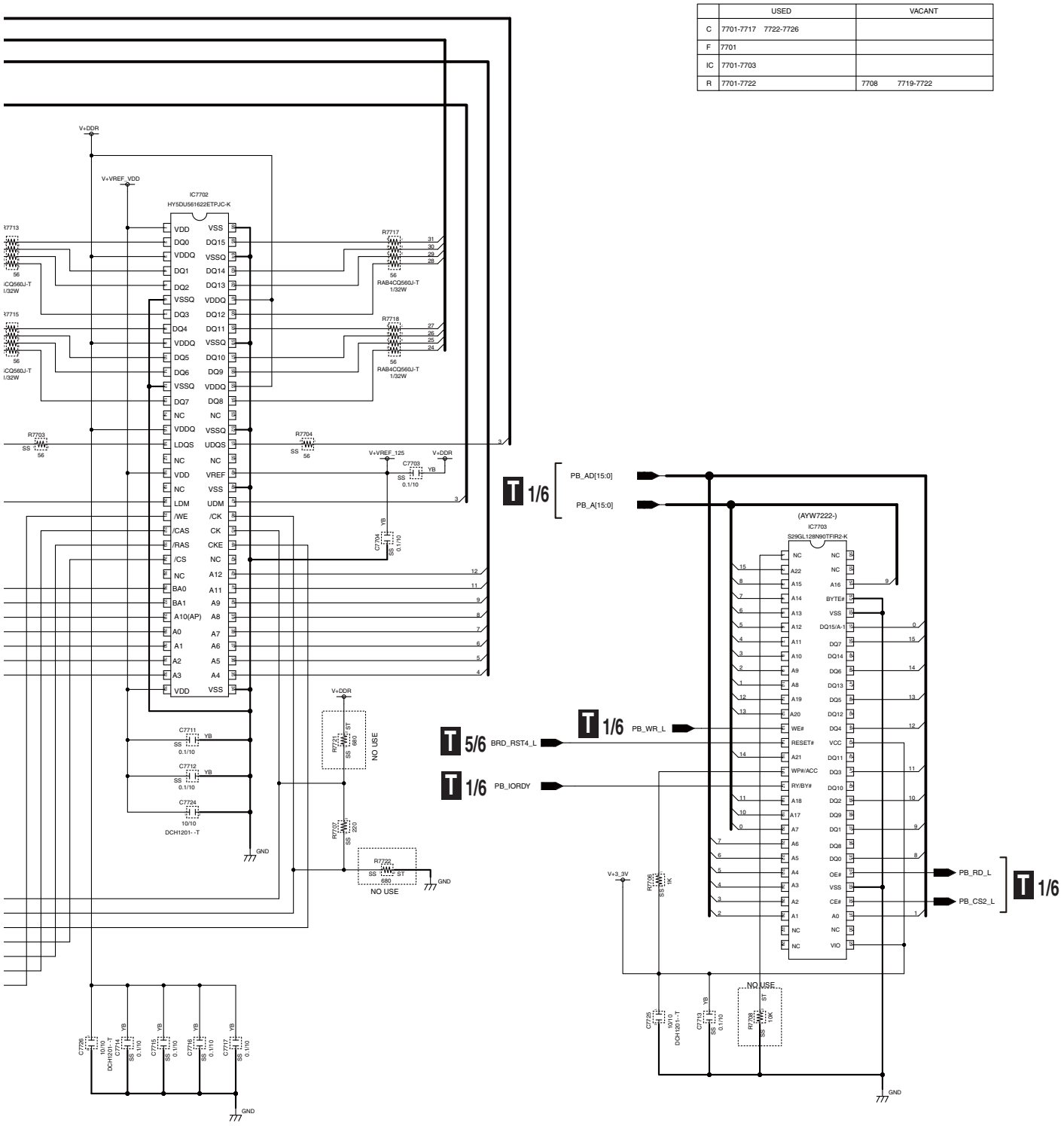
10.35 HN MODULE ASSY (2/6)

T 2/6 HN MODULE ASSY (AWV2535)



T 2/6

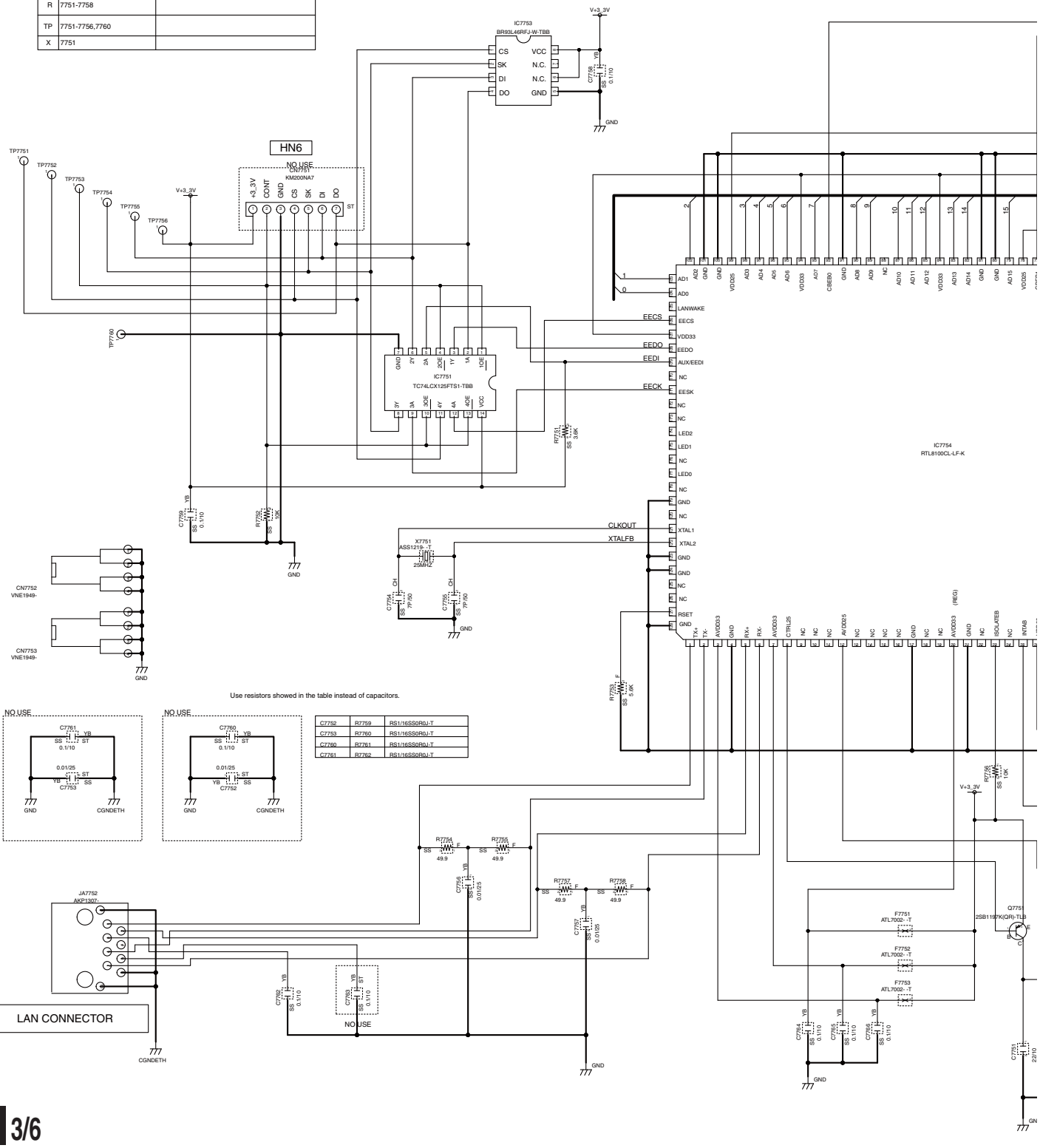
	USED	VACANT
C	7701-7717 7722-7726	
F	7701	
IC	7701-7703	
R	7701-7722	7708 7719-7722



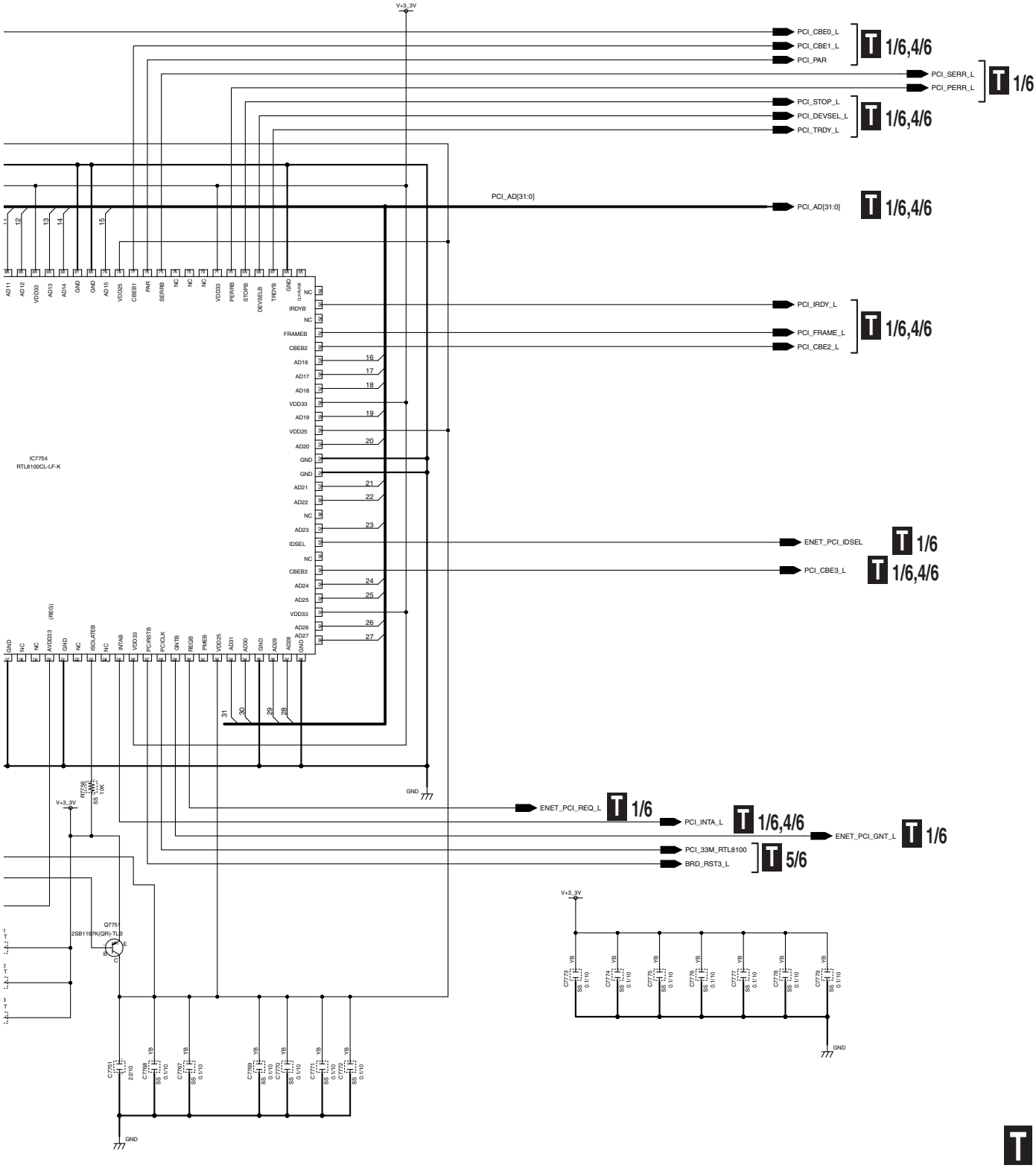
10.36 HN MODULE ASSY (3/6)

T 3/6 HN MODULE ASSY (AWV2535)

	USED	VACANT
C	7751-7779	7763
CN	7751-7753	7751
F	7751-7753	
IC	7751,7753,7754	
JA	7752	
Q	7751	
R	7751-7758	
TP	7751-7756,7760	
X	7751	



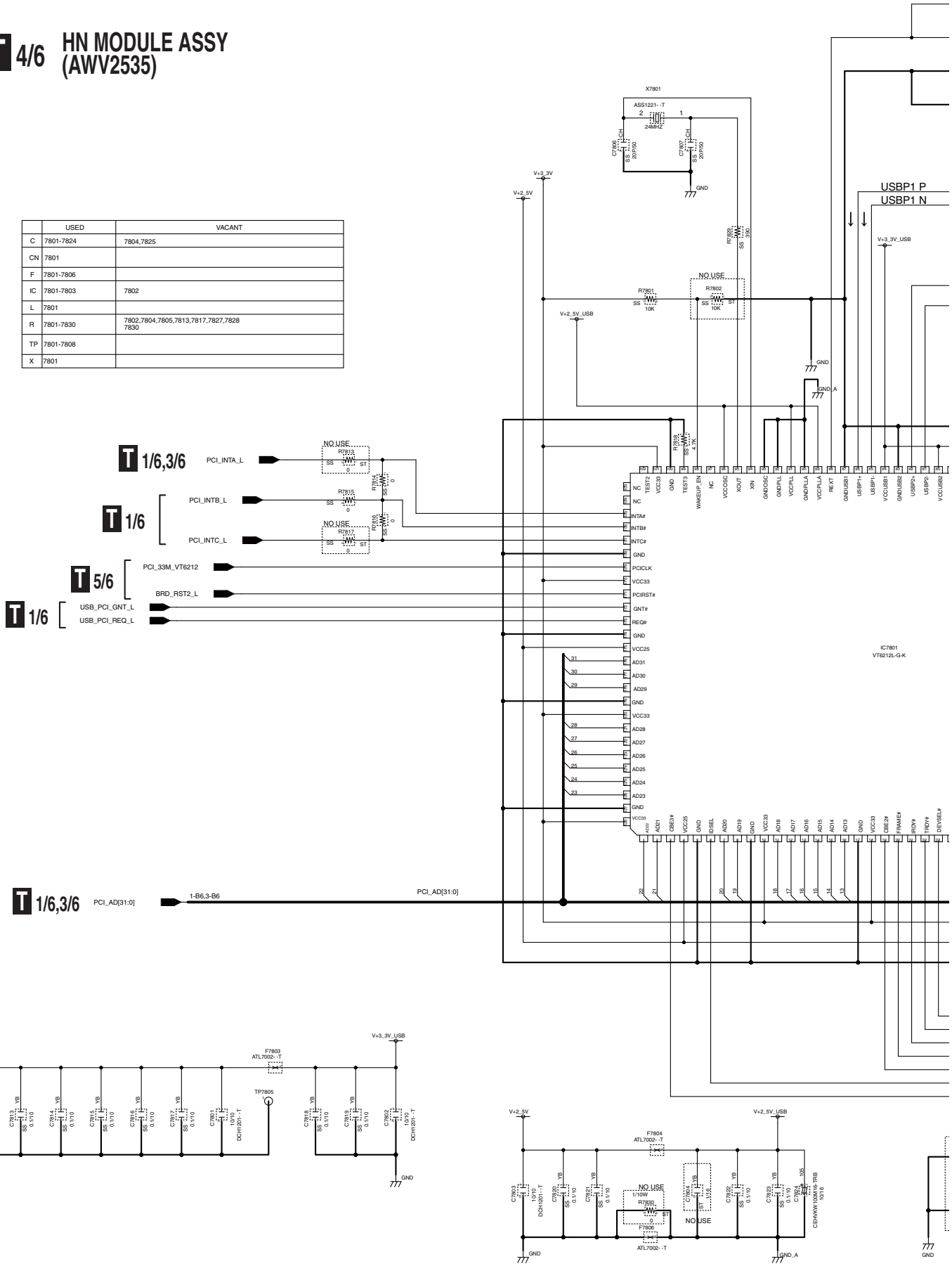
C7752	R7759	RS1/16SS0R0J-T
C7753	R7760	RS1/16SS0R0J-T
C7760	R7761	RS1/16SS0R0J-T
C7761	R7762	RS1/16SS0R0J-T


V+3_3V
PCI_CBE0_L
PCI_CBE1_L
PCI_PAR
PCI_SERR_L
PCI_PERR_L
PCI_STOP_L
PCI_DEVSEL_L
PCI_TRDY_L
PCI_AD[31:0]
PCI_IRDY_L
PCI_FRAME_L
PCI_CBE2_L
IC7754
RTL8100CL-LF-K
ENET_PCI_IDSEL
PCI_CBE3_L
ENET_PCI_REQ_L
PCI_INTA_L
ENET_PCI_GNT_L
PCI_33M_RTL8100
BRD_RST3_L
GND
T 1/6,4/6
T 1/6
T 5/6

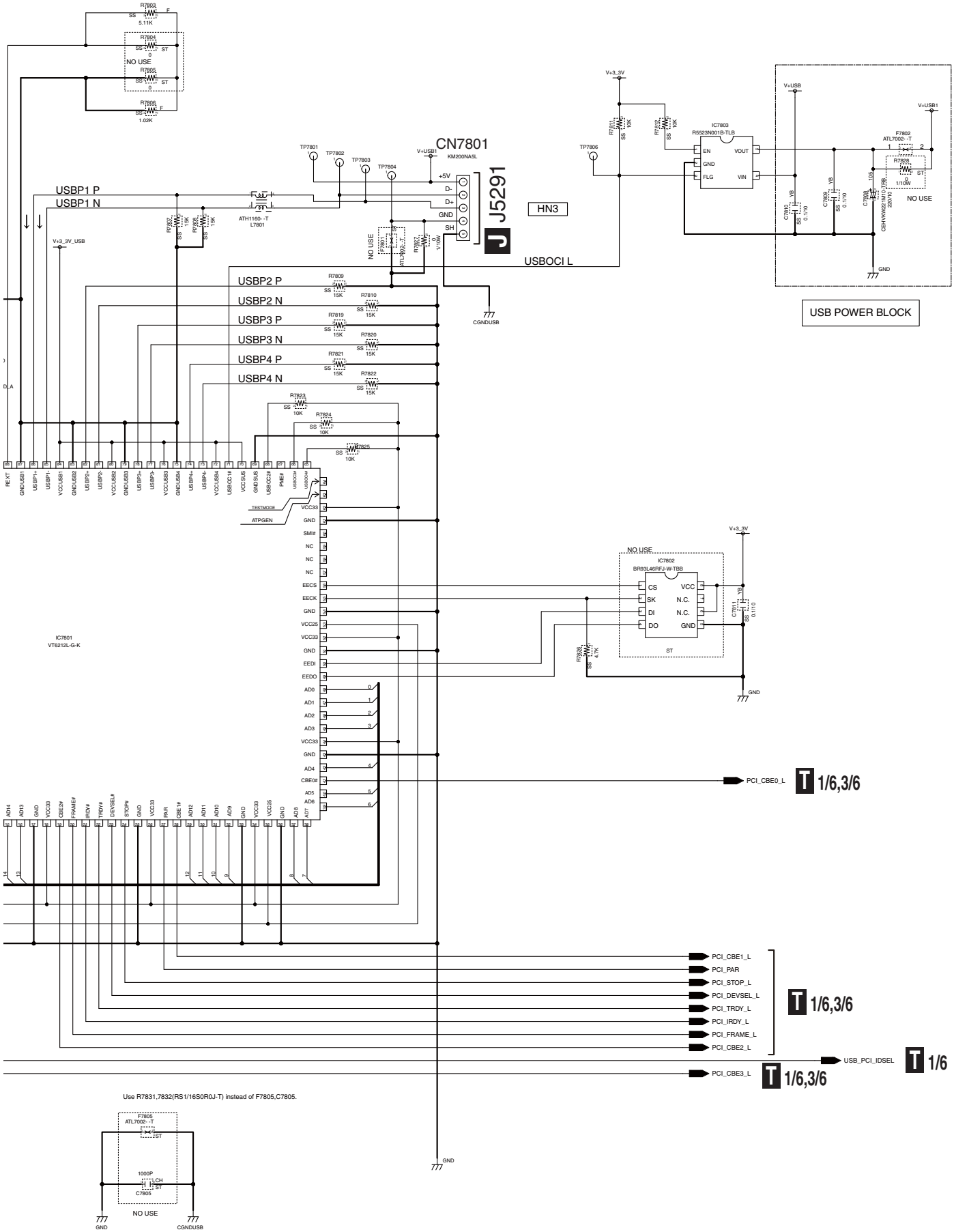
10.37 HN MODULE ASSY (4/6)

T 4/6 HN MODULE ASSY (AWV2535)

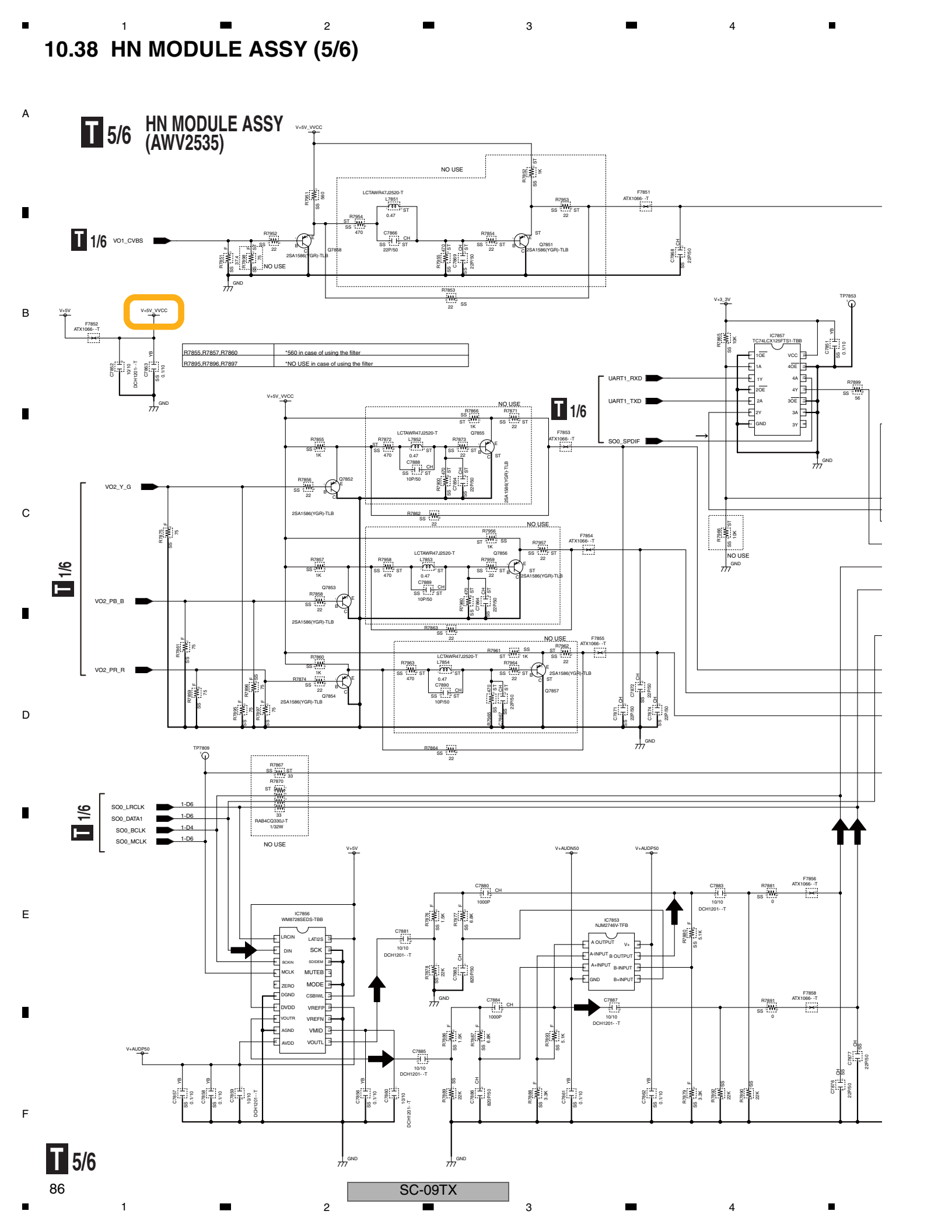
	USED	VACANT
C	7801-7824	7804,7825
CN	7801	
F	7801-7806	
IC	7801-7803	7802
L	7801	
R	7801-7830	7802,7804,7805,7813,7817,7827,7828 7830
TP	7801-7808	
X	7801	



T 4/6

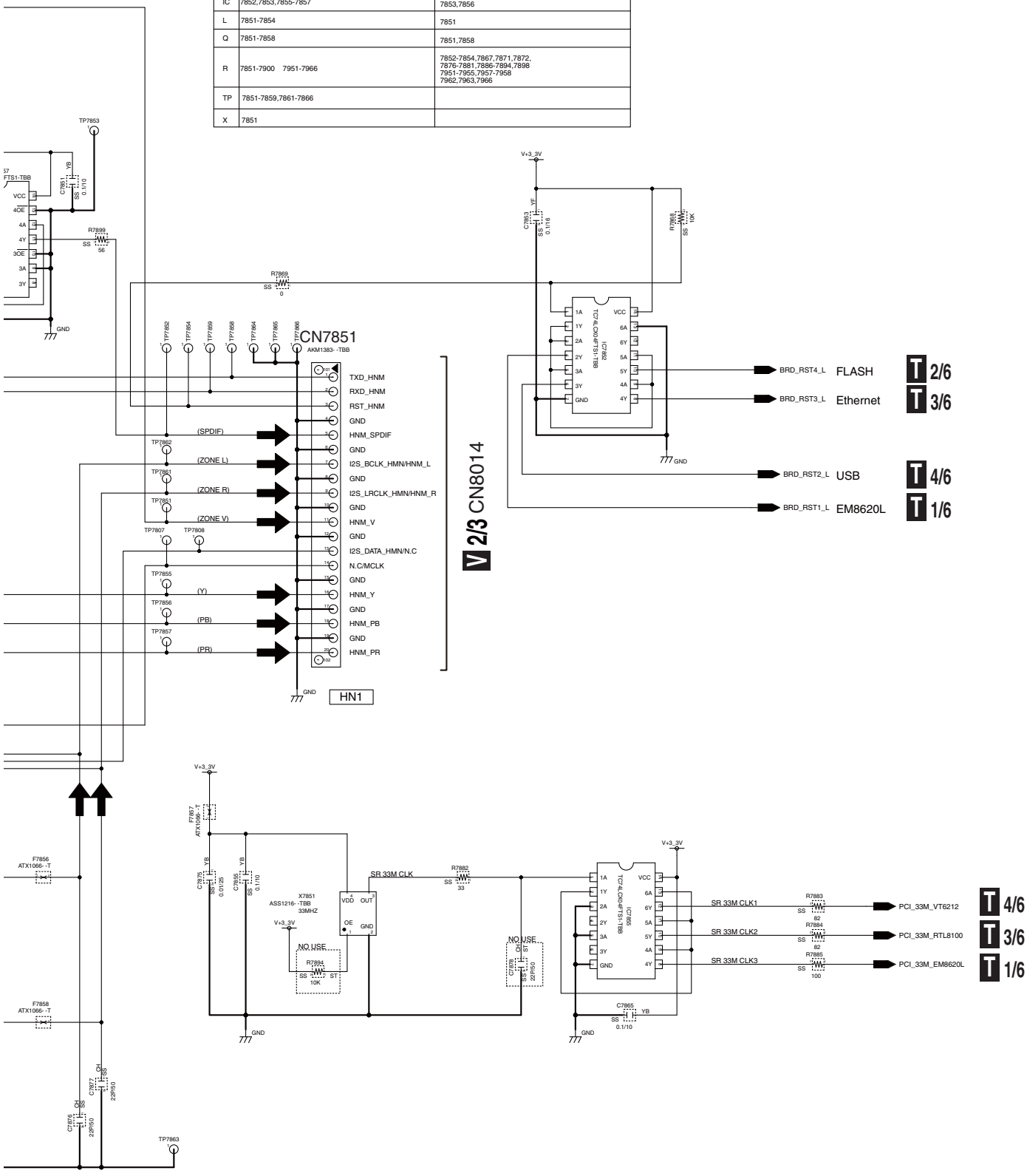

CN7801
KM200NA5L
J5291
HN3
USBP1 P
USBP1 N
USBP2 P
USBP2 N
USBP3 P
USBP3 N
USBP4 P
USBP4 N
USBOCI L
CGNDUSB
USB POWER BLOCK
IC7803
R5523N001B-TLB
IC7801
VT6212L-G-K
IC7802
BR93L46RFJ-W-TBB
TESTMODE
ATPGEN
NO USE
PCI_CBE0_L
PCI_CBE1_L
PCI_PAR
PCI_STOP_L
PCI_DEVSEL_L
PCI_TRDY_L
PCI_IRDY_L
PCI_FRAME_L
PCI_CBE2_L
PCI_CBE3_L
USB_PCI_IDSEL
T 1/6,3/6
T 1/6
T 4/6
Use R7831,7832(RS1/16S0R0J-T) instead of F7805,C7805.
GND

10.38 HN MODULE ASSY (5/6)



T 5/6

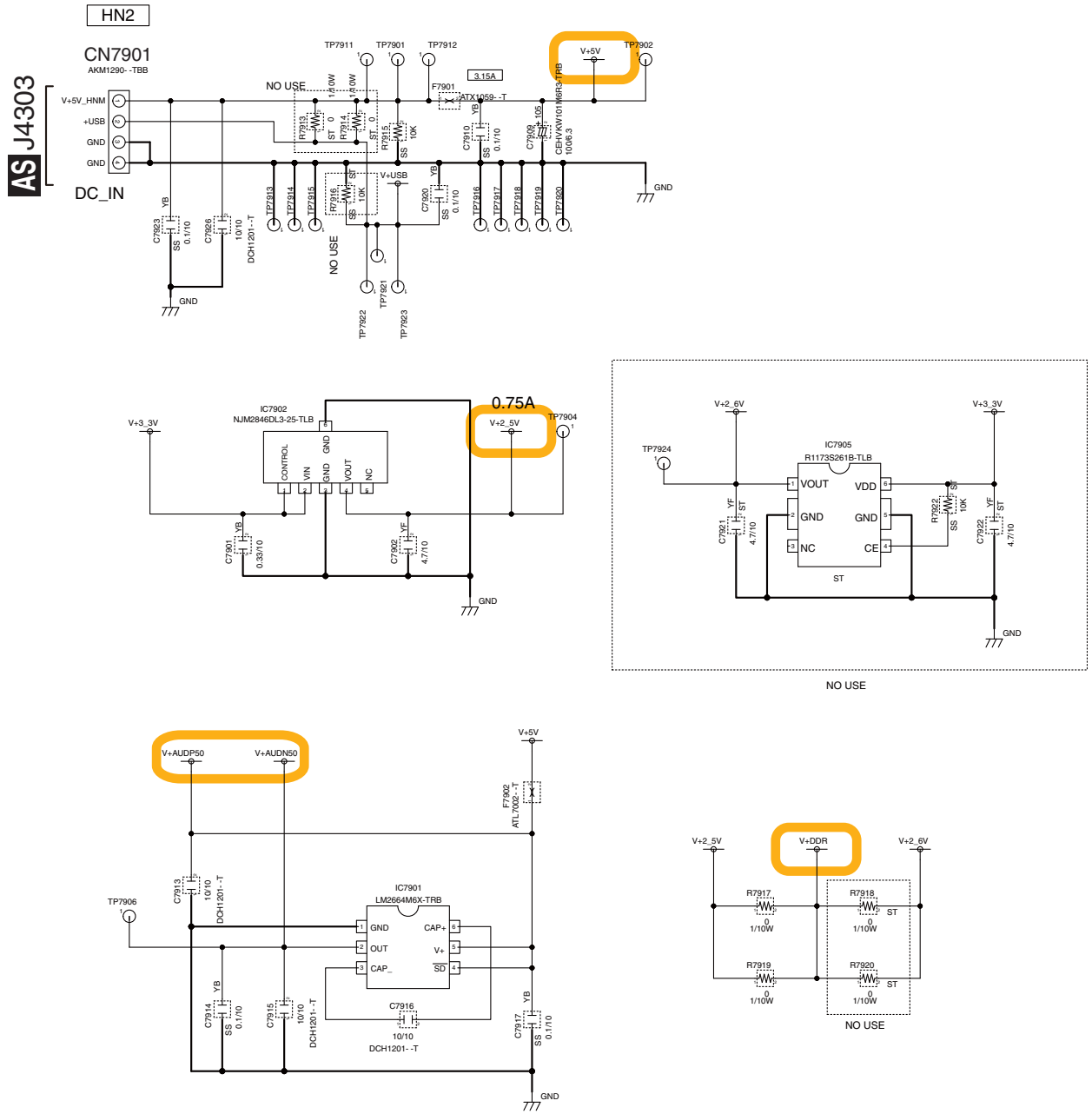
	USED	VACANT
C	7851-7869,7871,7872,7874-7878 7880-7890	7856-7862,7866,7868,7869, 7876-7878,7880-7887
CN	7851	
F	7851-7858	7851,7856,7858
IC	7852,7853,7855-7857	7853,7856
L	7851-7854	7851
Q	7851-7858	7851,7858
R	7851-7900 7951-7966	7852-7854,7867,7871,7872, 7876-7881,7886-7894,7898 7951-7955,7957-7958 7962,7963,7966
TP	7851-7859,7861-7866	
X	7851	



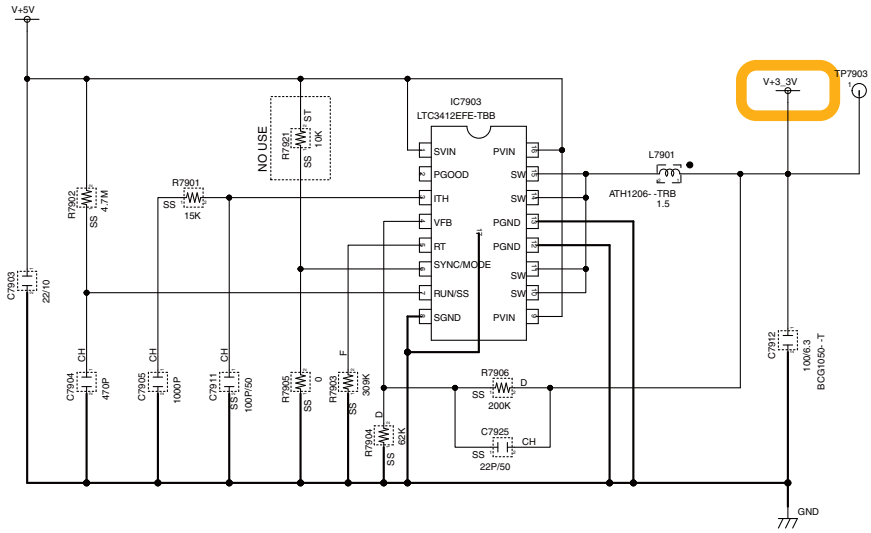
T 2/6
T 3/6
T 4/6
T 1/6
T 4/6
T 3/6
T 1/6
T 5/6

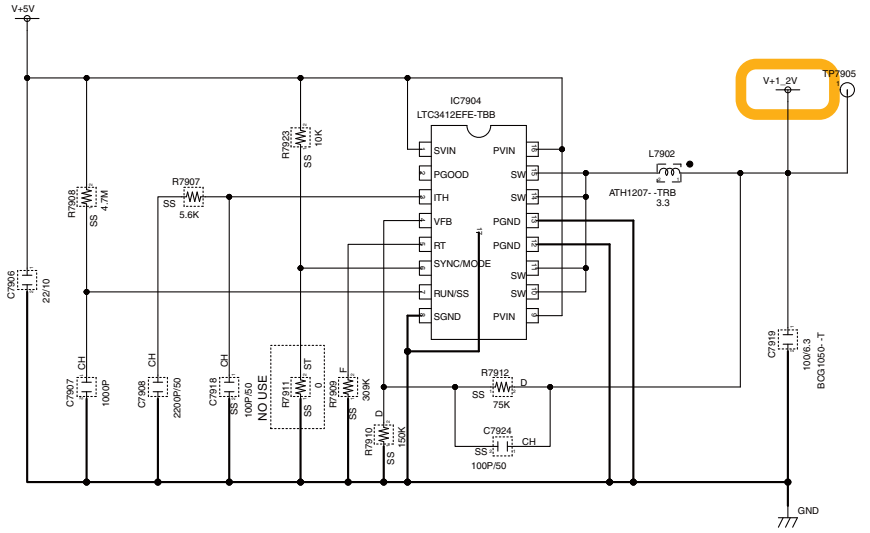
10.39 HN MODULE ASSY (6/6)

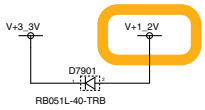
T 6/6 HN MODULE ASSY (AWV2535)

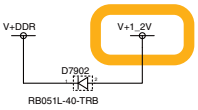


	USED	VACANT
C	7901-7922,7924,7925	7913-7917,7921,7922
CN	7901	
D	7901-7902	
F	7901-7902	7902
IC	7901-7905	7901,7905
L	7901-7902	
R	7901-7923	7913,7914,7916,7918,7920-7923
TP	7901-7924	


V+5V
IC7903
LTC3412EFE-TBB
SVIN
PVIN
PGOOD
SW
ITH
SW
VFB
PGND
RT
PGND
SYNC/MODE
SW
RUN/SS
SW
SGND
PVIN
NO USE
R7901
SS
15K
R7902
SS
4.7M
C7903
22/10
C7904
CH
470P
C7905
CH
100P
C7911
CH
SS
100P/50
R7905
SS
0
R7903
F
SS
309K
R7906
D
SS
200K
R7904
D
SS
82K
C7925
CH
SS
22P/50
L7901
ATH1206- -TRB
1.5
V+3_3V
TP7903
C7912
10/6.3
BCG1050- -T
GND

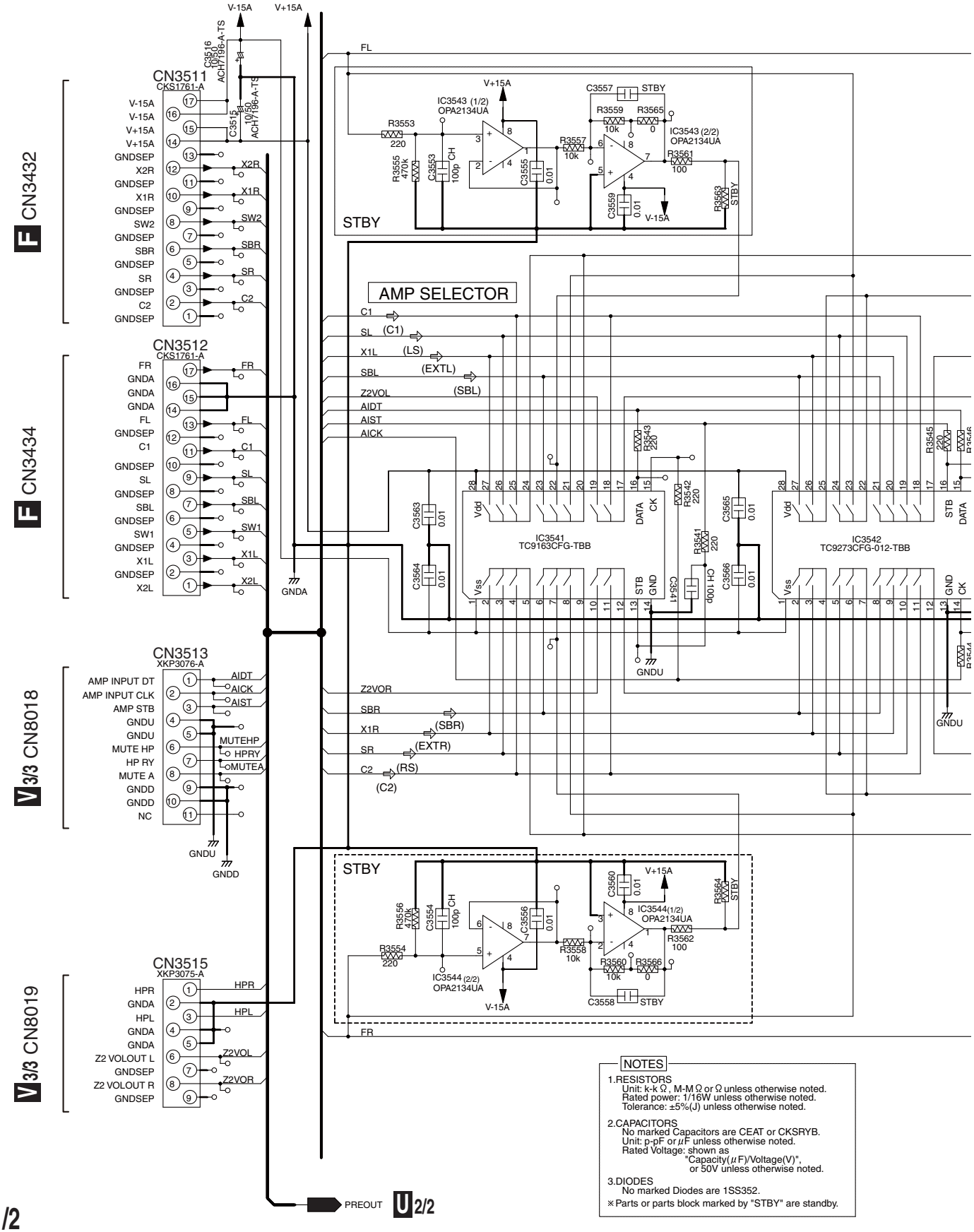

V+5V
IC7904
LTC3412EFE-TBB
SVIN
PVIN
PGOOD
SW
ITH
SW
VFB
PGND
RT
PGND
SYNC/MODE
SW
RUN/SS
SW
SGND
PVIN
R7923
SS
10K
R7907
SS
5.6K
R7908
SS
4.7M
C7906
22/10
C7907
CH
100P
C7908
CH
220P/50
C7918
CH
SS
100P/50
NO USE
R7911
SS
0
R7909
F
SS
309K
R7912
D
SS
75K
R7910
D
SS
150K
C7924
CH
SS
100P/50
L7902
ATH1207- -TRB
3.3
V+1_2V
TP7905
C7919
10/6.3
BCG1050- -T
GND

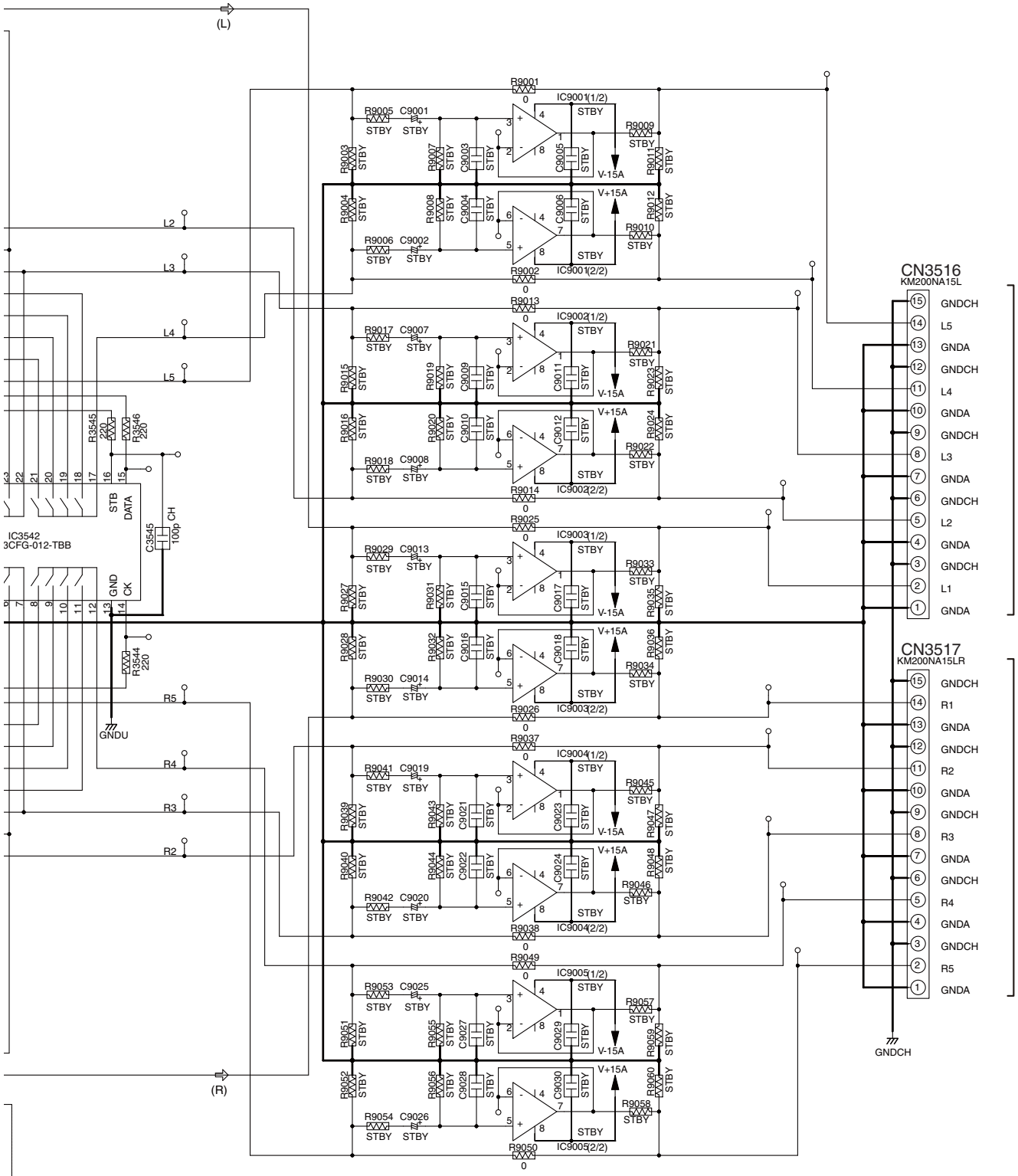

V+3_3V
V+1_2V
D7901
RB051L-40-TRB


V+DDR
V+1_2V
D7902
RB051L-40-TRB

10.40 PREOUT ASSY (1/2)

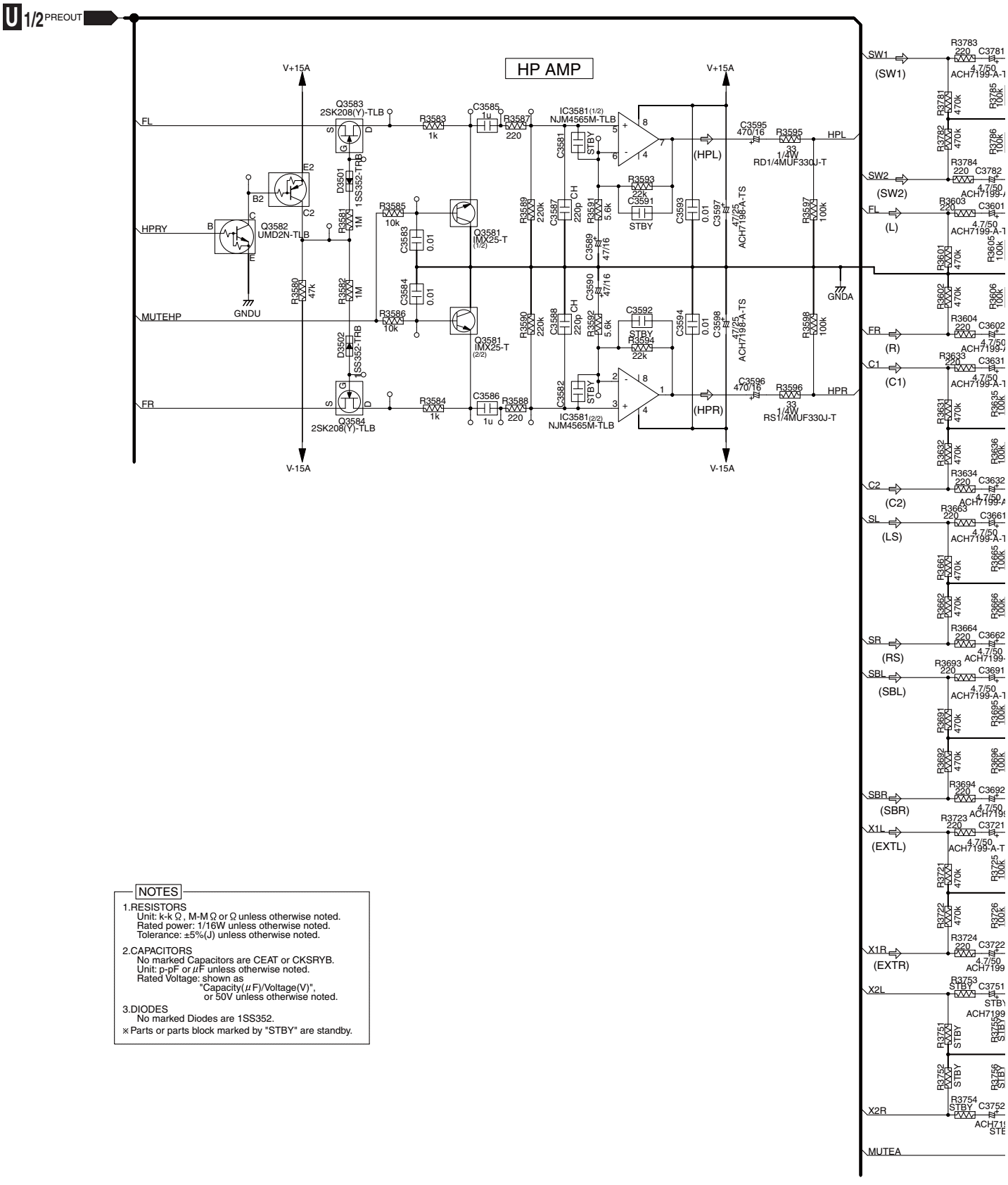
U 1/2 PREOUT ASSY (AWX8738)




(L)
(R)
L2
L3
L4
L5
R5
R4
R3
R2
GNDU
IC3542
3CFG-012-TBB
STB
DATA
GND
CK
CH
C3545
100p
R3545
220
R3546
220
R3544
220
IC9001(1/2)
IC9001(2/2)
IC9002(1/2)
IC9002(2/2)
IC9003(1/2)
IC9003(2/2)
IC9004(1/2)
IC9004(2/2)
IC9005(1/2)
IC9005(2/2)
V+15A
V-15A
STBY
CN3516
KM200NA15L
GNDCH
L5
GNDA
GNDCH
L4
GNDA
GNDCH
L3
GNDA
GNDCH
L2
GNDA
GNDCH
L1
GNDA
CN3517
KM200NA15LR
GNDCH
R1
GNDA
GNDCH
R2
GNDA
GNDCH
R3
GNDA
GNDCH
R4
GNDA
GNDCH
R5
GNDA
GNDCH
BE CN5504, BD CN5602
BE CN5503

10.41 PREOUT ASSY (2/2)

U 2/2 PREOUT ASSY (AWX8738)



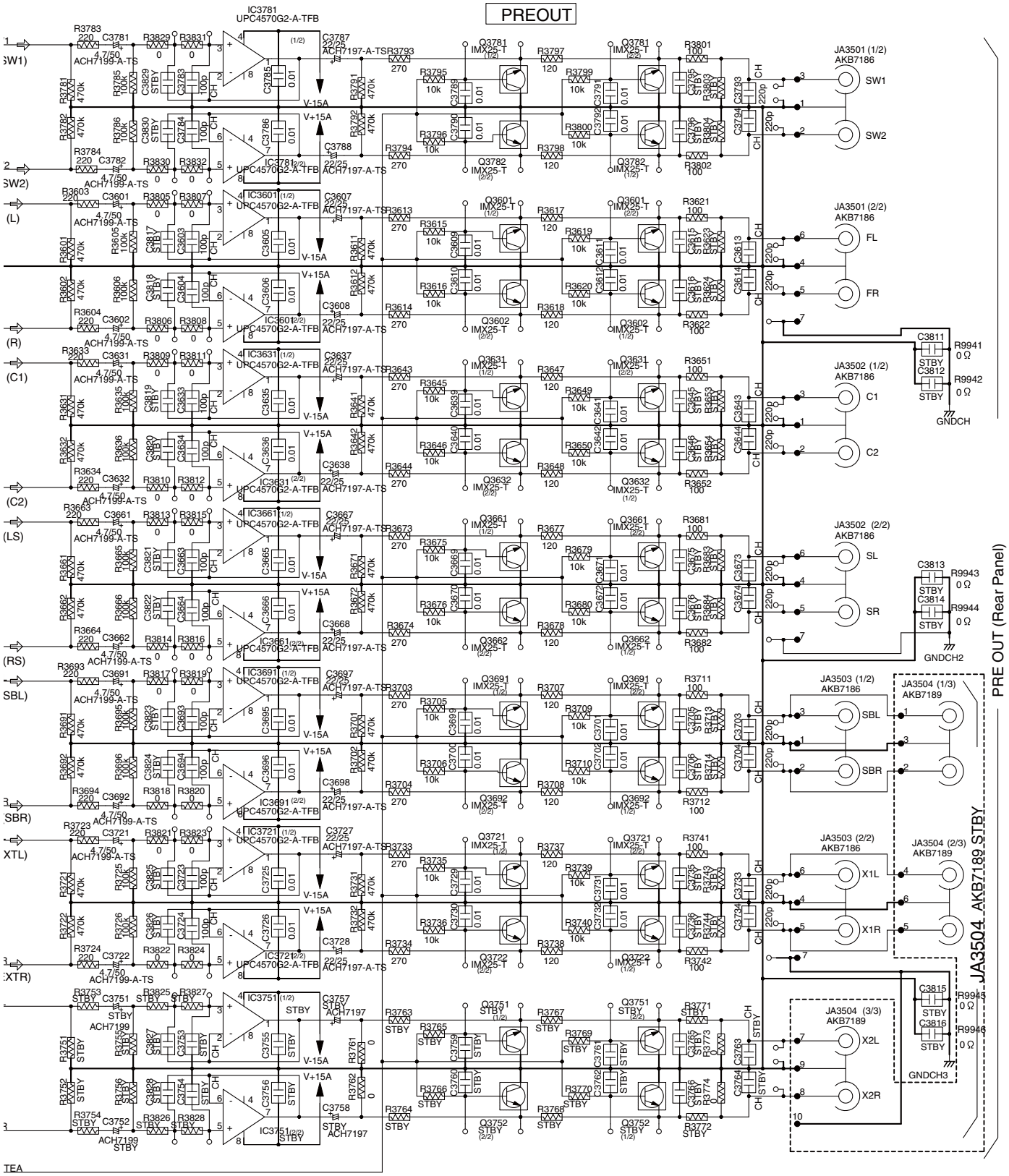
NOTES

1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

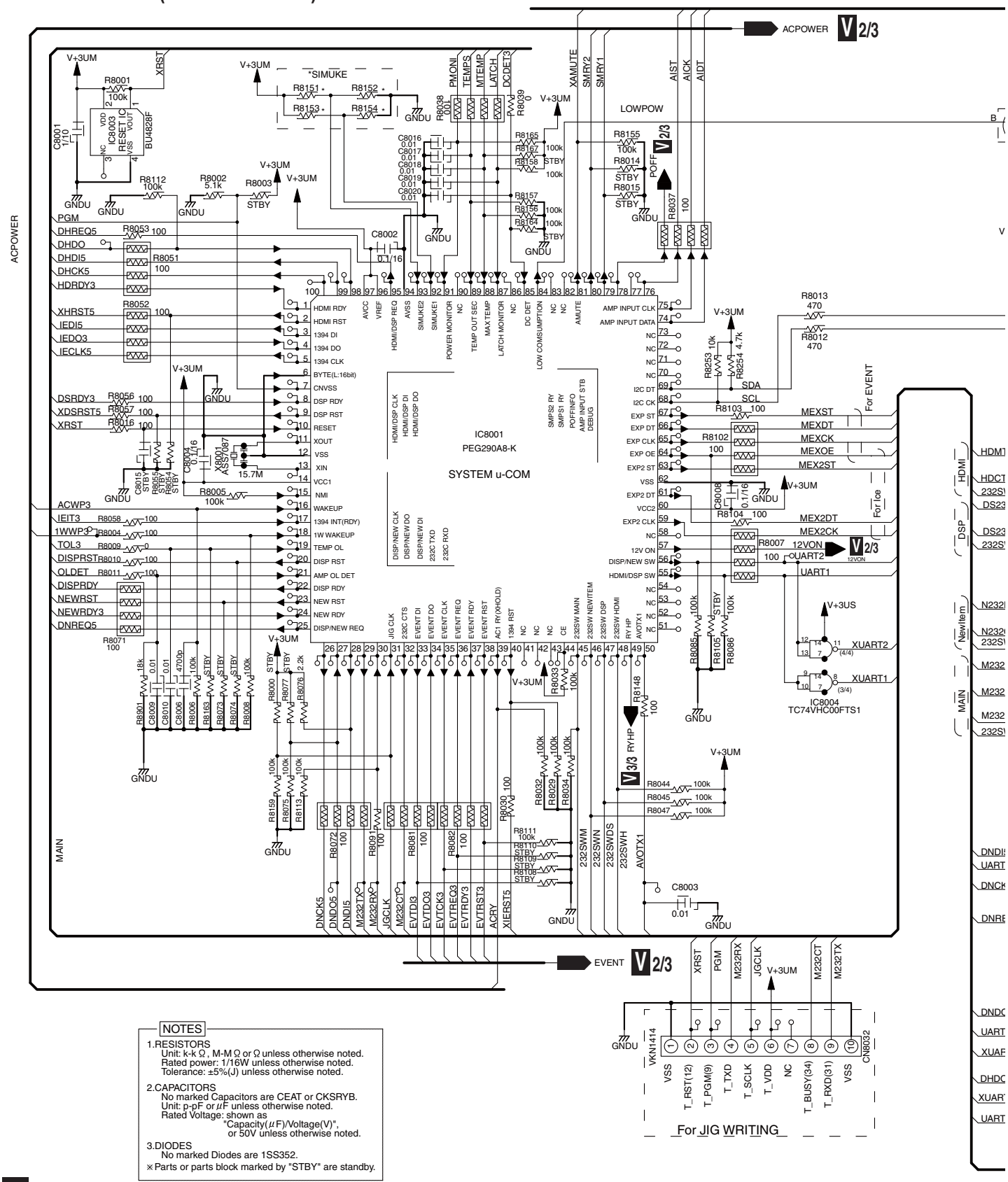
3.DIODES
No marked Diodes are 1SS352.

※Parts or parts block marked by "STBY" are standby.


PREOUT
PRE OUT (Rear Panel)
JA3504 AKB7189 STBY
SW1
SW2
FL
FR
C1
C2
SL
SR
SBL
SBR
X1L
X1R
X2L
X2R
GNDCH
GNDCH2
GNDCH3
V-15A
V+15A

10.42 MOTHER 1 ASSY (1/3)

V 1/3 MOTHER1 ASSY (JJ:AWX8771) (KU/CA:AWX8770)



NOTES

1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

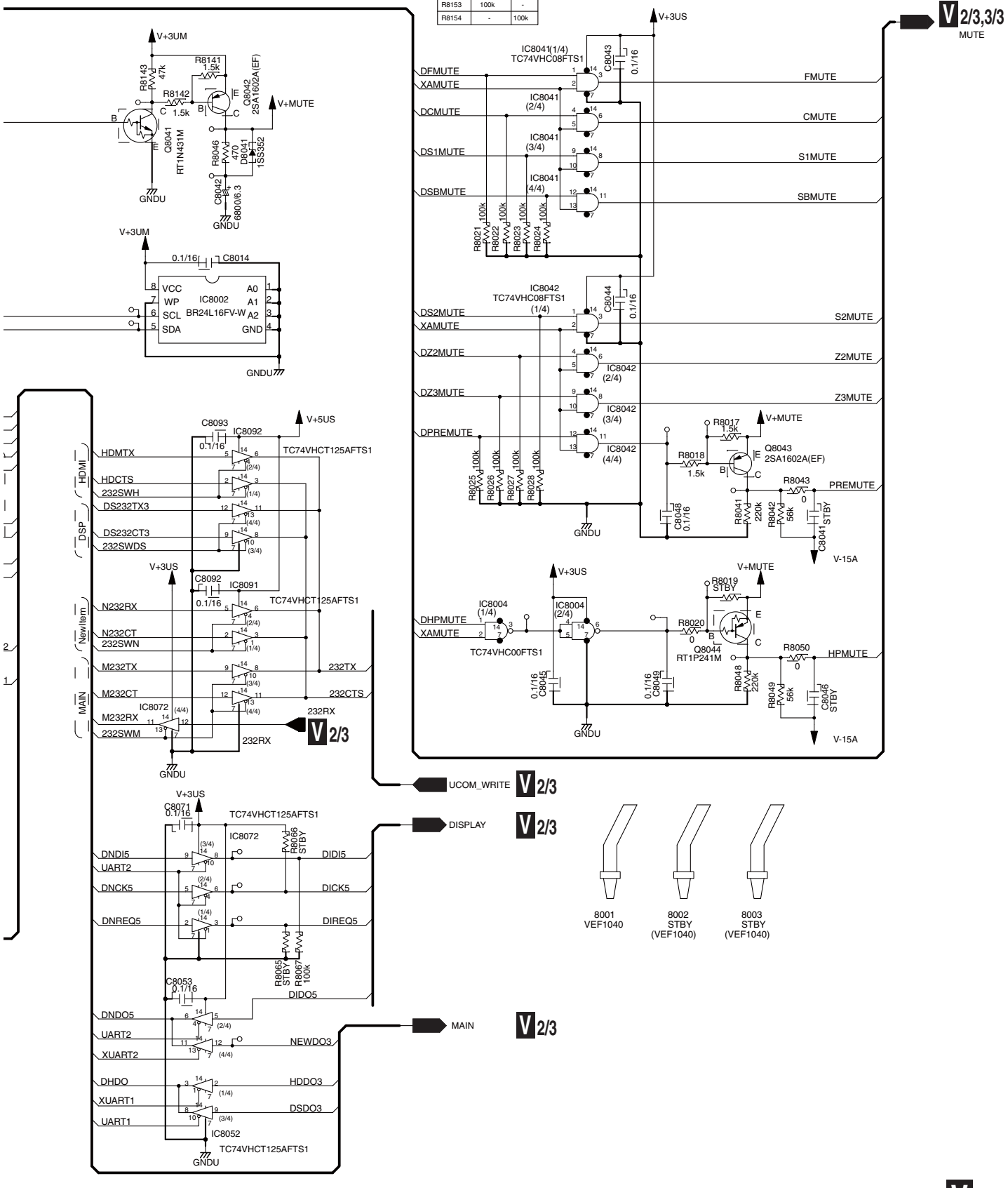
2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

3.DIODES
No marked Diodes are 1SS352.

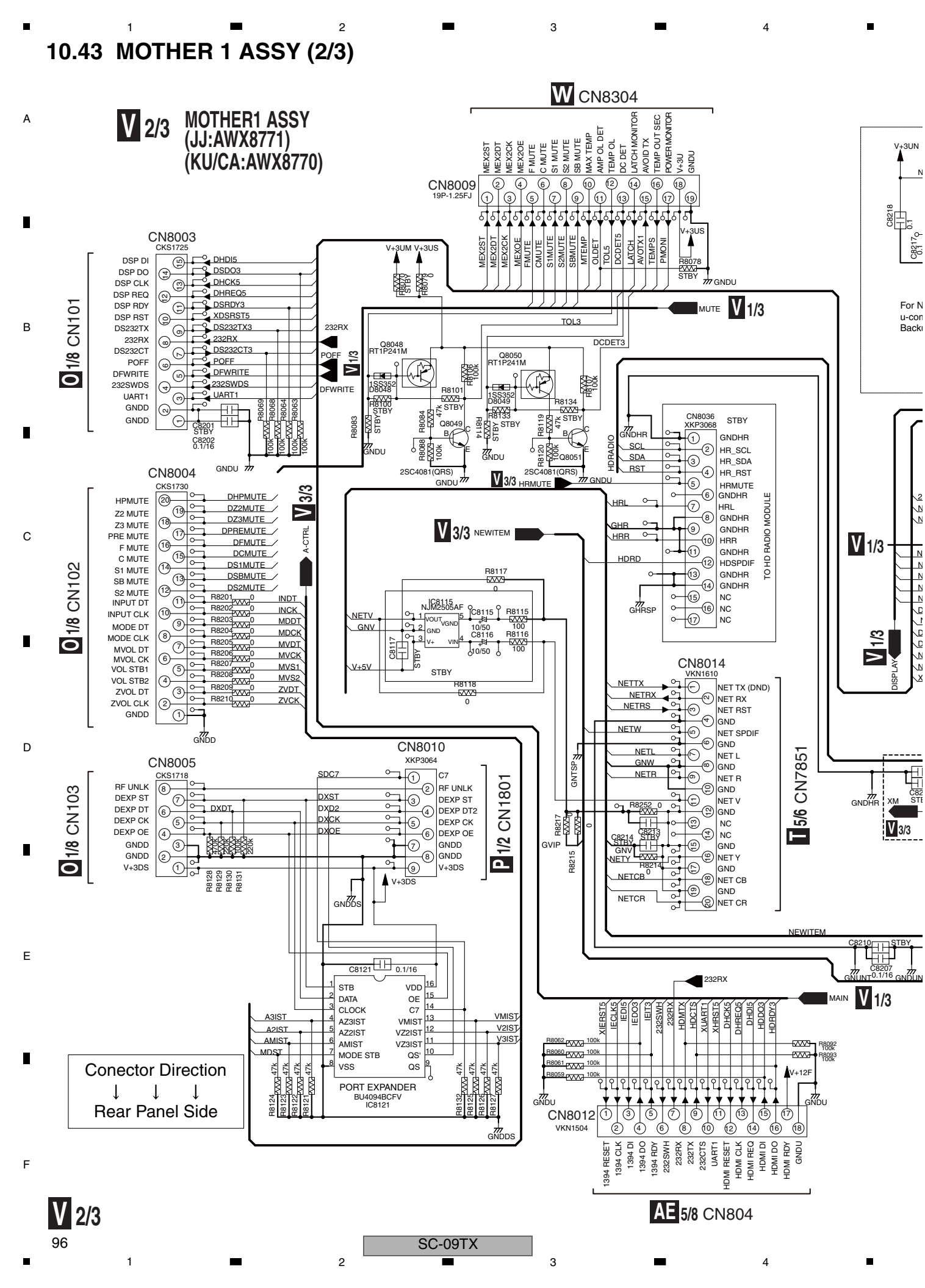
※Parts or parts block marked by "STBY" are standby.

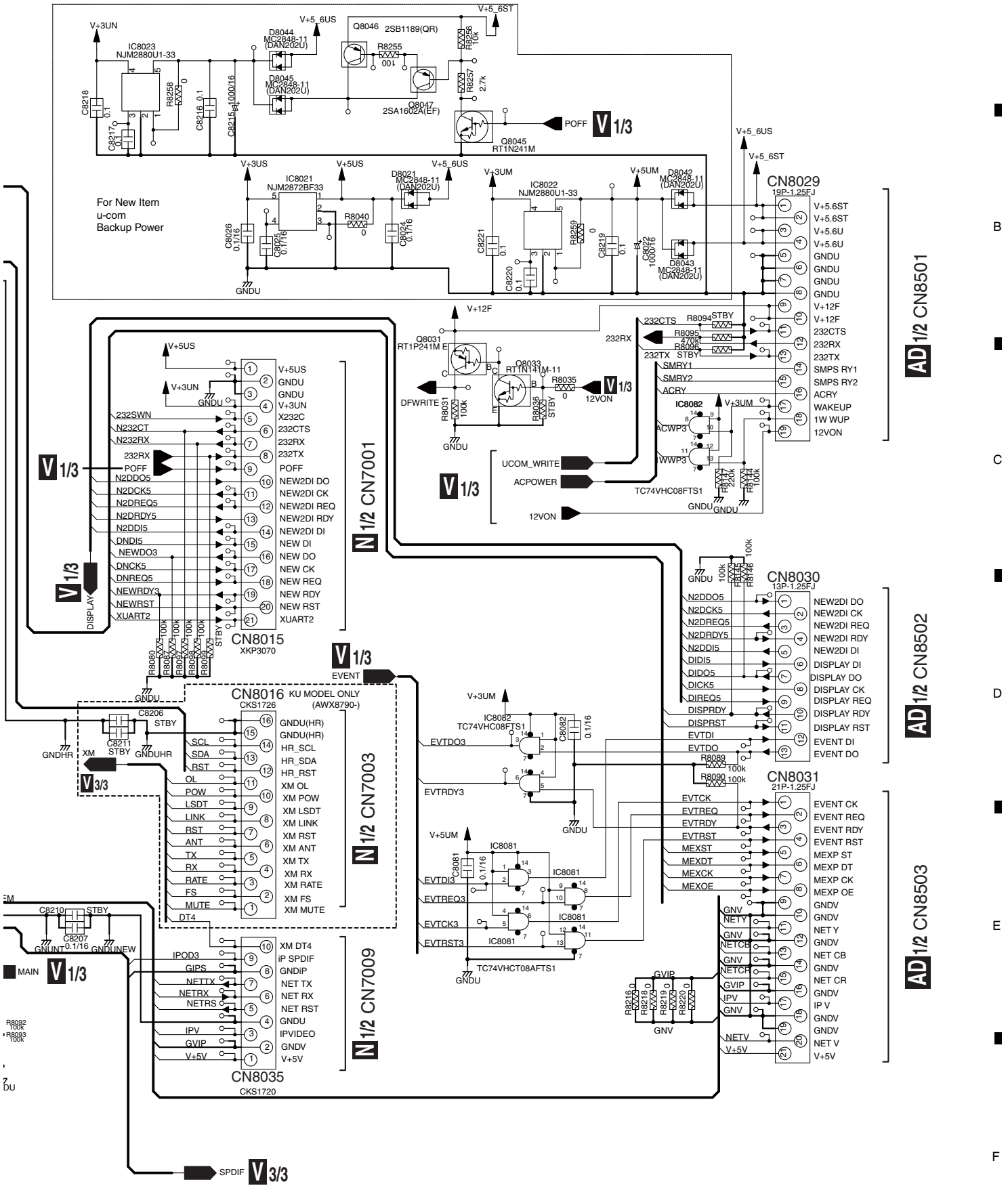
*SIMUKE

	AWX 8770	AWX 8771
	/KU/CA	/JJ
R8151	100k	100k
R8152	-	100k
R8153	100k	-
R8154	-	100k

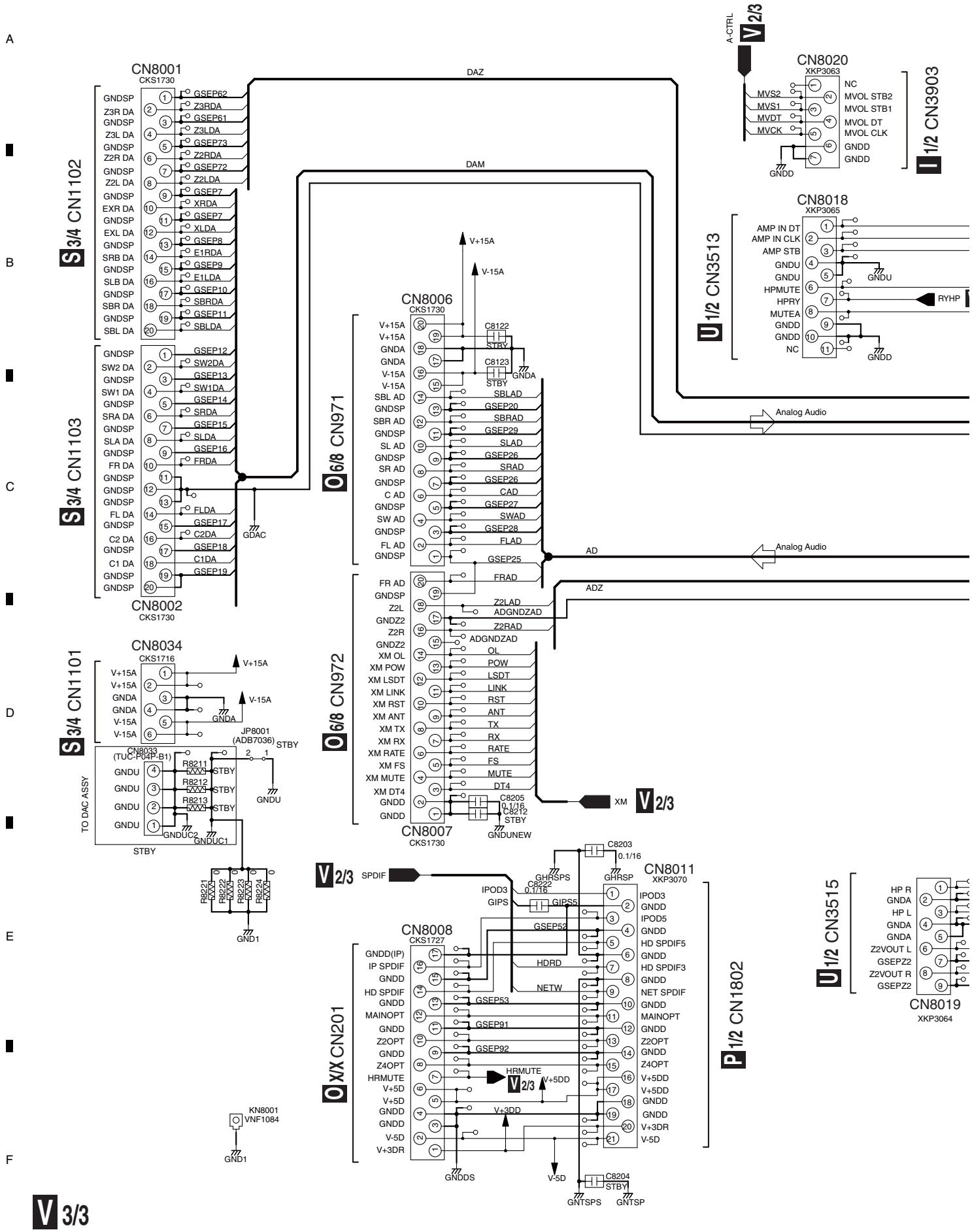


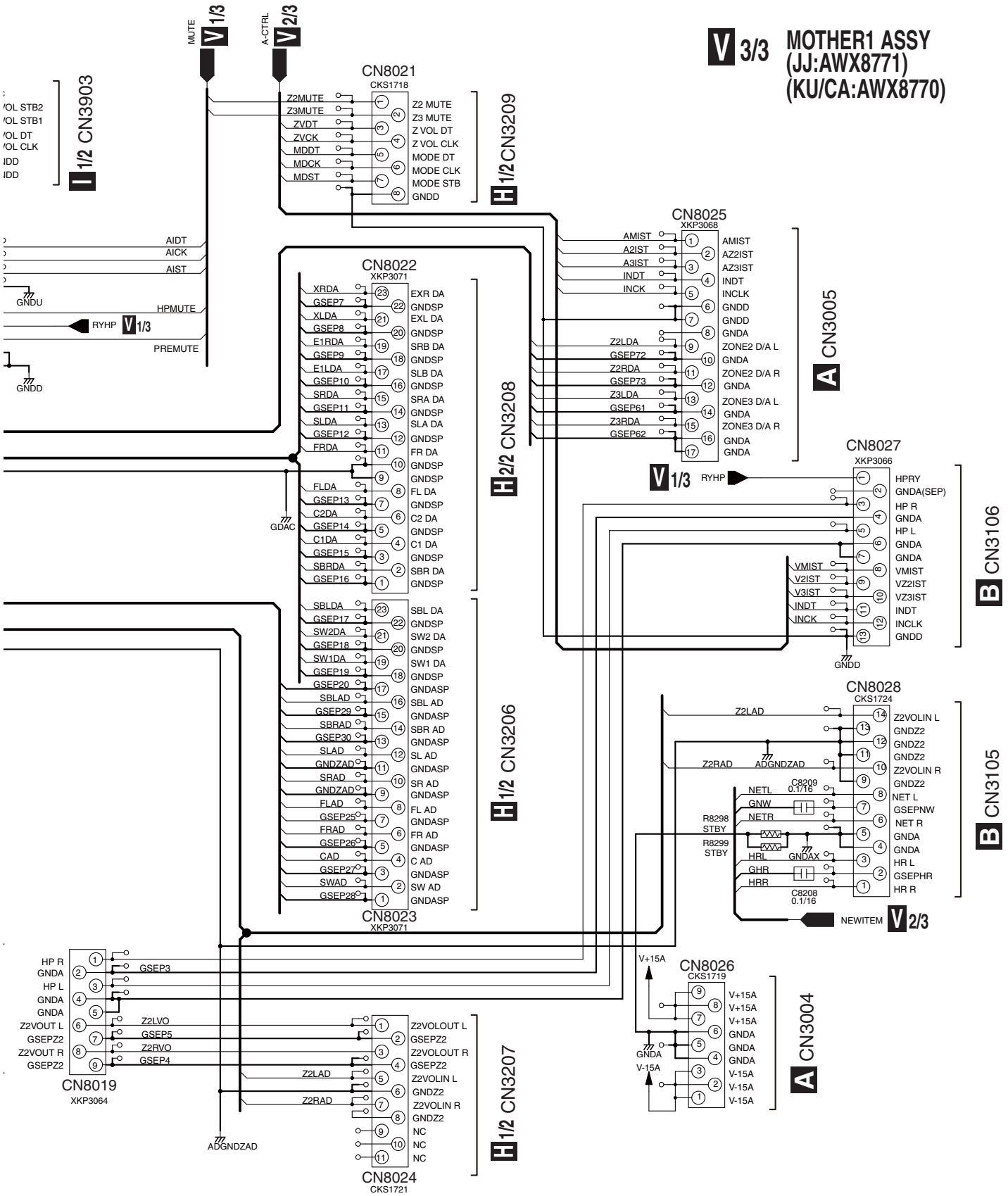
10.43 MOTHER 1 ASSY (2/3)




For New Item
u-com
Backup Power
IC8023 NJM2880U1-33
IC8021 NJM2872BF33
IC8022 NJM2880U1-33
Q8046 2SB1189(QR)
Q8047 2SA1602A(EF)
Q8045 RT1N241M
POFF
CN8029 19P-1.25FJ
CN8030 13P-1.25FJ
CN8031 21P-1.25FJ
CN8015 XKP3070
CN8016 KU MODEL ONLY (AWX8790-) CKS1726
CN8035 CKS1720
IC8082 TC74VHC08FTS1
IC8081 TC74VHCT08AFTS1
Q8031 RT1P241M E
Q8033 RT1N141M-11
AD 1/2 CN8501
AD 1/2 CN8502
AD 1/2 CN8503
N 1/2 CN7001
N 1/2 CN7003
N 1/2 CN7009
V 1/3
V 2/3
V 3/3
DISPLAY
MAIN
SPDIF
EVENT
V+3UN
V+5_6US
V+5_6ST
V+3US
V+5US
V+3UM
V+5UM
V+12F
GNDU
GNDHR
GNDUHR
GNDUNT
GNDUNEW
STBY
12VON
DFWRITE
UCOM_WRITE
ACPOWER
232CTS
232RX
232TX
SMRY1
SMRY2
ACRY
ACWP3
WWP3
SCL
SDA
RST
XM
EVTDO3
EVTRDY3
EVTDI3
EVTREQ3
EVTCK3
EVTRST3
GVIP
GNV
NETV
NETCB
NETCR
IPOD3
GIPS
NETTX
NETRX
NETRS
IPV
GVIP
V+5V

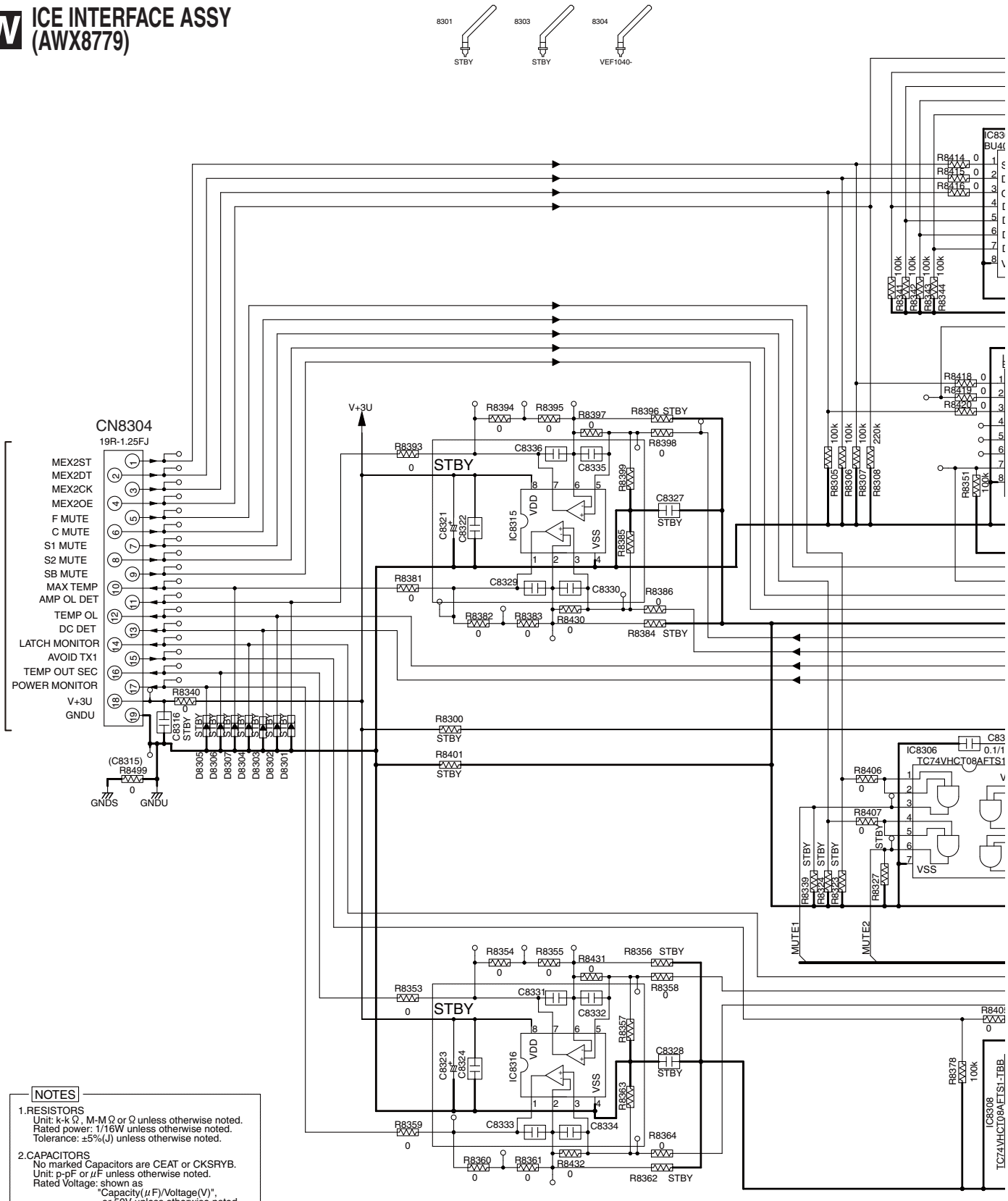
10.44 MOTHER 1 ASSY (3/3)




V 3/3 MOTHER1 ASSY
(JJ:AWX8771)
(KU/CA:AWX8770)
MUTE
V 1/3
A-CTRL
V 2/3
CN8021
CKS1718
Z2MUTE
Z3MUTE
ZVDT
ZVCK
MDDT
MDCK
MDST
Z2 MUTE
Z3 MUTE
Z VOL DT
Z VOL CLK
MODE DT
MODE CLK
MODE STB
GNDD
H 1/2 CN3209
I 1/2 CN3903
AIDT
AICK
AIST
GNDU
HPMUTE
RYHP
V 1/3
PREMUTE
GNDD
CN8025
XKP3068
AMIST
A2IST
A3IST
INDT
INCK
Z2LDA
GSEP72
Z2RDA
GSEP73
Z3LDA
GSEP61
Z3RDA
GSEP62
AZ2IST
AZ3IST
INDT
INCLK
GNDD
GNDA
ZONE2 D/A L
ZONE2 D/A R
ZONE3 D/A L
ZONE3 D/A R
A CN3005
CN8022
XKP3071
XRDA
GSEP7
XLDA
GSEP8
E1RDA
GSEP9
E1LDA
GSEP10
SRDA
GSEP11
SLDA
GSEP12
FRDA
FLDA
GSEP13
C2DA
GSEP14
C1DA
GSEP15
SBRDA
GSEP16
EXR DA
GNDSP
EXL DA
SRB DA
SLB DA
SRA DA
FR DA
FL DA
C2 DA
C1 DA
SBR DA
GDAC
H 2/2 CN3208
CN8027
XKP3066
V 1/3
RYHP
HPRY
GNDA(SEP)
HP R
HP L
VMIST
V2IST
V3IST
VZ2IST
VZ3IST
B CN3106
SBLDA
GSEP17
SW2DA
GSEP18
SW1DA
GSEP19
GSEP20
SBLAD
GSEP29
SBRAD
GSEP30
SLAD
GNDZAD
SRAD
GNDZAD
FLAD
GSEP25
FRAD
GSEP26
CAD
GSEP27
SWAD
GSEP28
SBL DA
SW2 DA
SW1 DA
GNDASP
SBL AD
SBR AD
SL AD
SR AD
FL AD
FR AD
C AD
SW AD
H 1/2 CN3206
CN8028
CKS1724
Z2LAD
Z2RAD
ADGNDZAD
C8209
0.1/16
NETL
GNW
NETR
R8298
STBY
R8299
STBY
HRL
GNDAX
GHR
HRR
C8208
0.1/16
Z2VOLIN L
GNDZ2
Z2VOLIN R
NET L
GSEPNW
NET R
HR L
GSEPHR
HR R
B CN3105
NEWITEM
V 2/3
CN8023
XKP3071
CN8019
XKP3064
HP R
GNDA
HP L
GNDA
GNDA
Z2VOUT L
GSEPZ2
Z2VOUT R
GSEPZ2
GSEP3
Z2LVO
GSEP5
Z2RVO
GSEP4
CN8024
CKS1721
Z2VOLOUT L
GSEPZ2
Z2VOLOUT R
GSEPZ2
Z2VOLIN L
GNDZ2
Z2VOLIN R
GNDZ2
NC
NC
NC
H 1/2 CN3207
CN8026
CKS1719
V+15A
GNDA
V-15A
A CN3004
Conector Direction
Rear Panel Side
V 3/3

10.45 ICE INTERFACE ASSY

ICE INTERFACE ASSY (AWX8779)



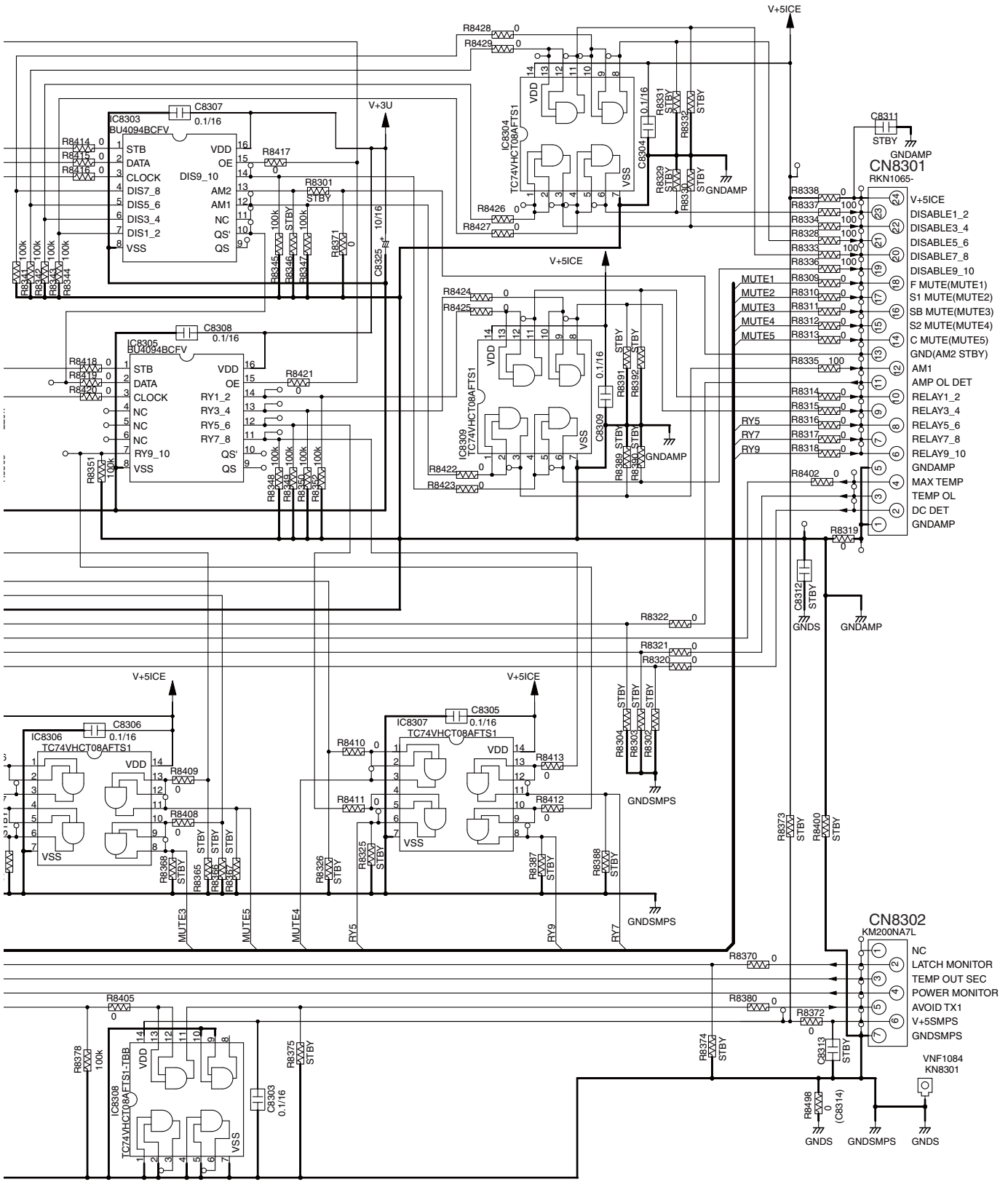
NOTES

1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

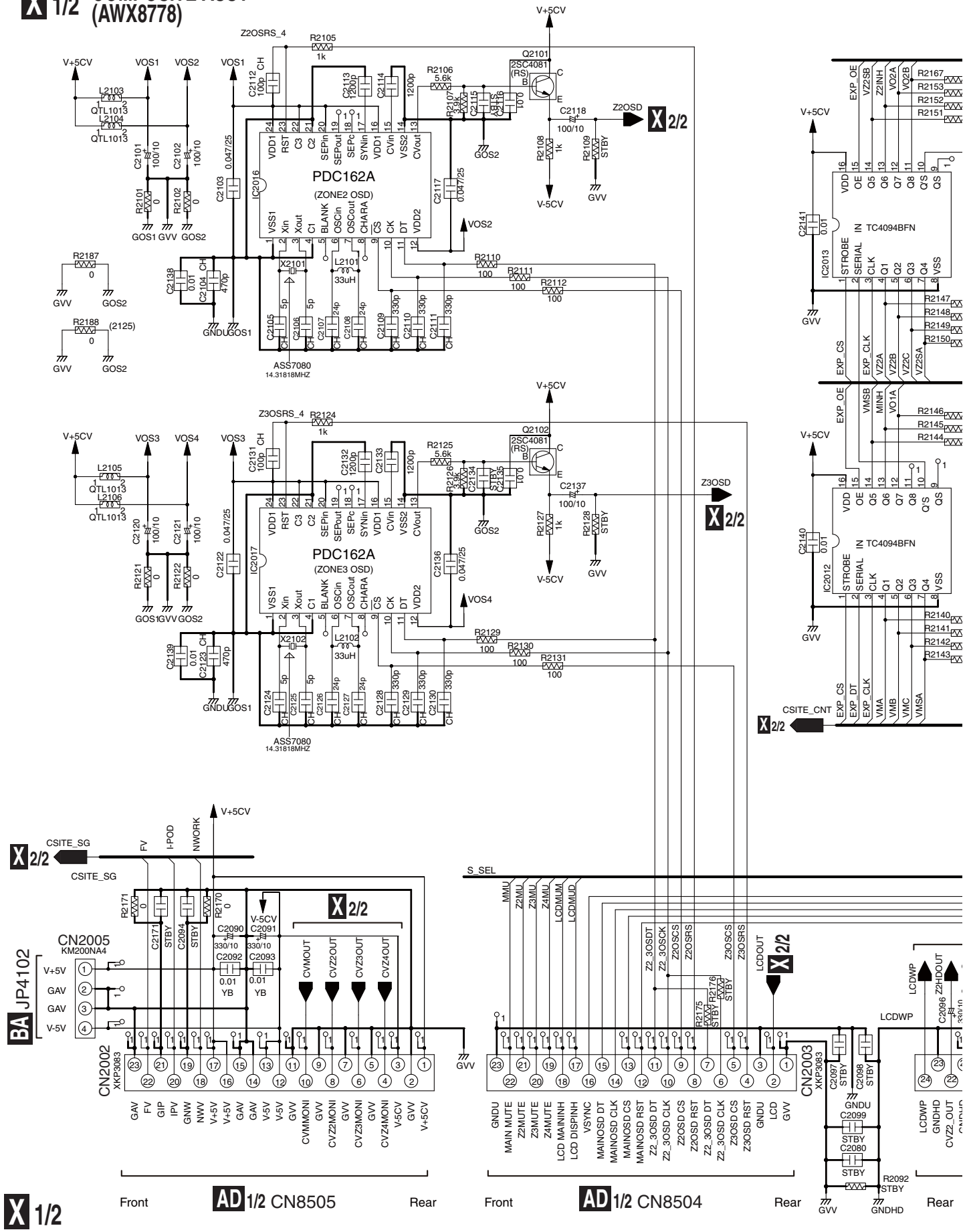
2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

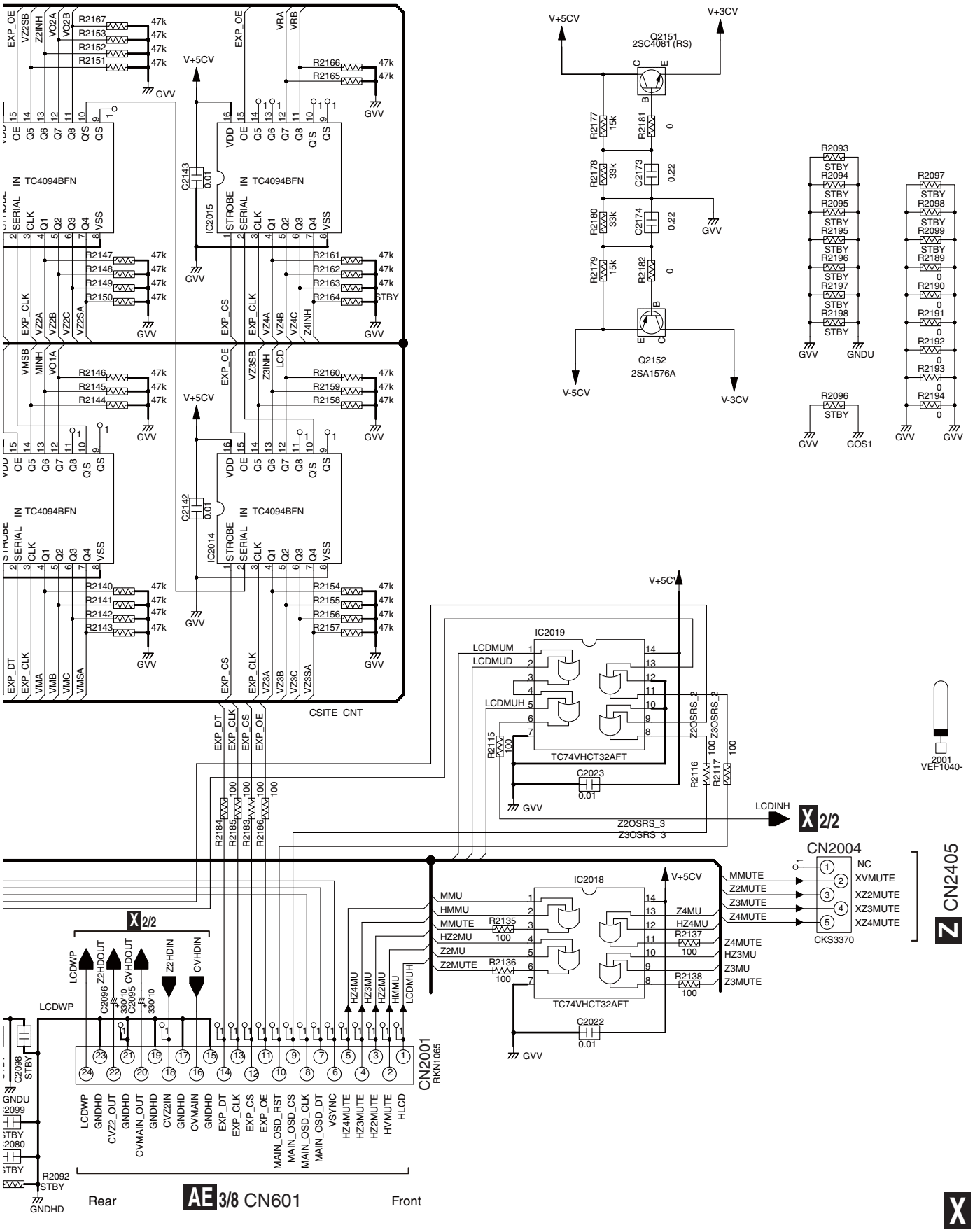
3.DIODES
No marked Diodes are 1SS352.

※Parts or parts block marked by "STBY" are standby.


TO ICE POWER AMP ASSY
TO ICE POWER SMPS ASSY
CN8301
RKN1065-
CN8302
KM200NA7L
IC8303
BU4094BCFV
IC8304
TC74VHCT08AFTS1
IC8305
BU4094BCFV
IC8306
TC74VHCT08AFTS1
IC8307
TC74VHCT08AFTS1
IC8308
TC74VHCT08AFTS1-TBB
IC8309
TC74VHCT08AFTS1
V+5ICE
V+3U
GNDAMP
GNDSMPS
GNDS
STBY
MUTE1
MUTE2
MUTE3
MUTE4
MUTE5
RY5
RY7
RY9
V+5ICE
DISABLE1_2
DISABLE3_4
DISABLE5_6
DISABLE7_8
DISABLE9_10
F MUTE(MUTE1)
S1 MUTE(MUTE2)
SB MUTE(MUTE3)
S2 MUTE(MUTE4)
C MUTE(MUTE5)
GND(AM2 STBY)
AM1
AMP OL DET
RELAY1_2
RELAY3_4
RELAY5_6
RELAY7_8
RELAY9_10
GNDAMP
MAX TEMP
TEMP OL
DC DET
GNDAMP
NC
LATCH MONITOR
TEMP OUT SEC
POWER MONITOR
AVOID TX1
V+5SMPS
GNDSMPS
VNF1084
KN8301

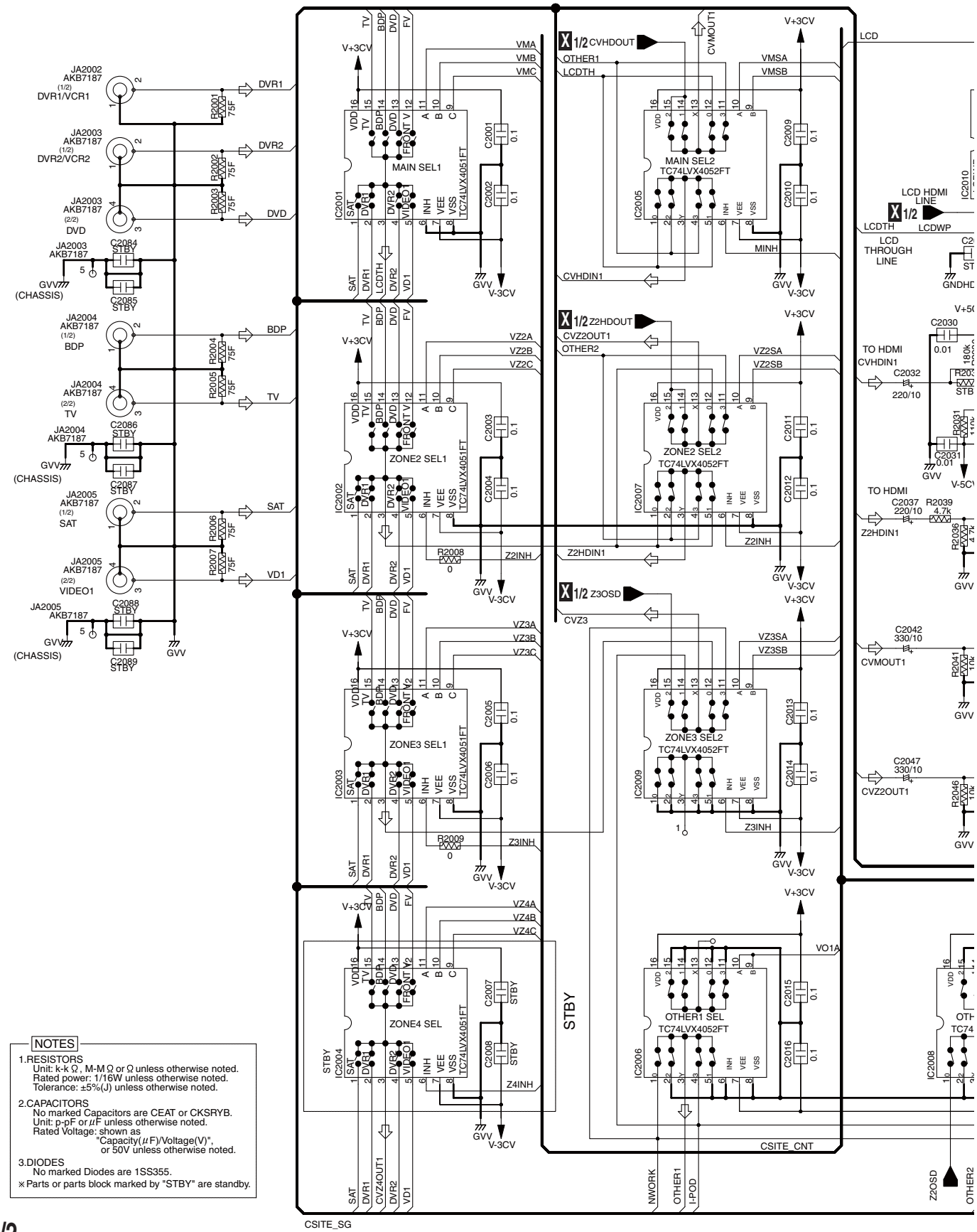
10.46 COMPOSITE ASSY (1/2)




IC2015
IC2014
TC4094BFN
CSITE_CNT
Q2151
2SC4081 (RS)
Q2152
2SA1576A
V+5CV
V+3CV
V-5CV
V-3CV
GVV
GNDU
GOS1
STBY
IC2019
TC74VHCT32AFT
IC2018
LCDMUM
LCDMUD
LCDMUH
LCDINH
Z2OSRS_2
Z3OSRS_2
Z2OSRS_3
Z3OSRS_3
CN2004
CKS3370
NC
XVMUTE
XZ2MUTE
XZ3MUTE
XZ4MUTE
MMUTE
Z2MUTE
Z3MUTE
Z4MUTE
CN2001
RKN1065
LCDWP
Z2HDOUT
CVHDOUT
Z2HDIN
CVHDIN
Rear
Front
AE 3/8 CN601
X 2/2
X 1/2
CN2405
2001
VEF1040-

10.47 COMPOSITE ASSY (2/2)

X 2/2 COMPOSITE ASSY (AWX8778)



NOTES

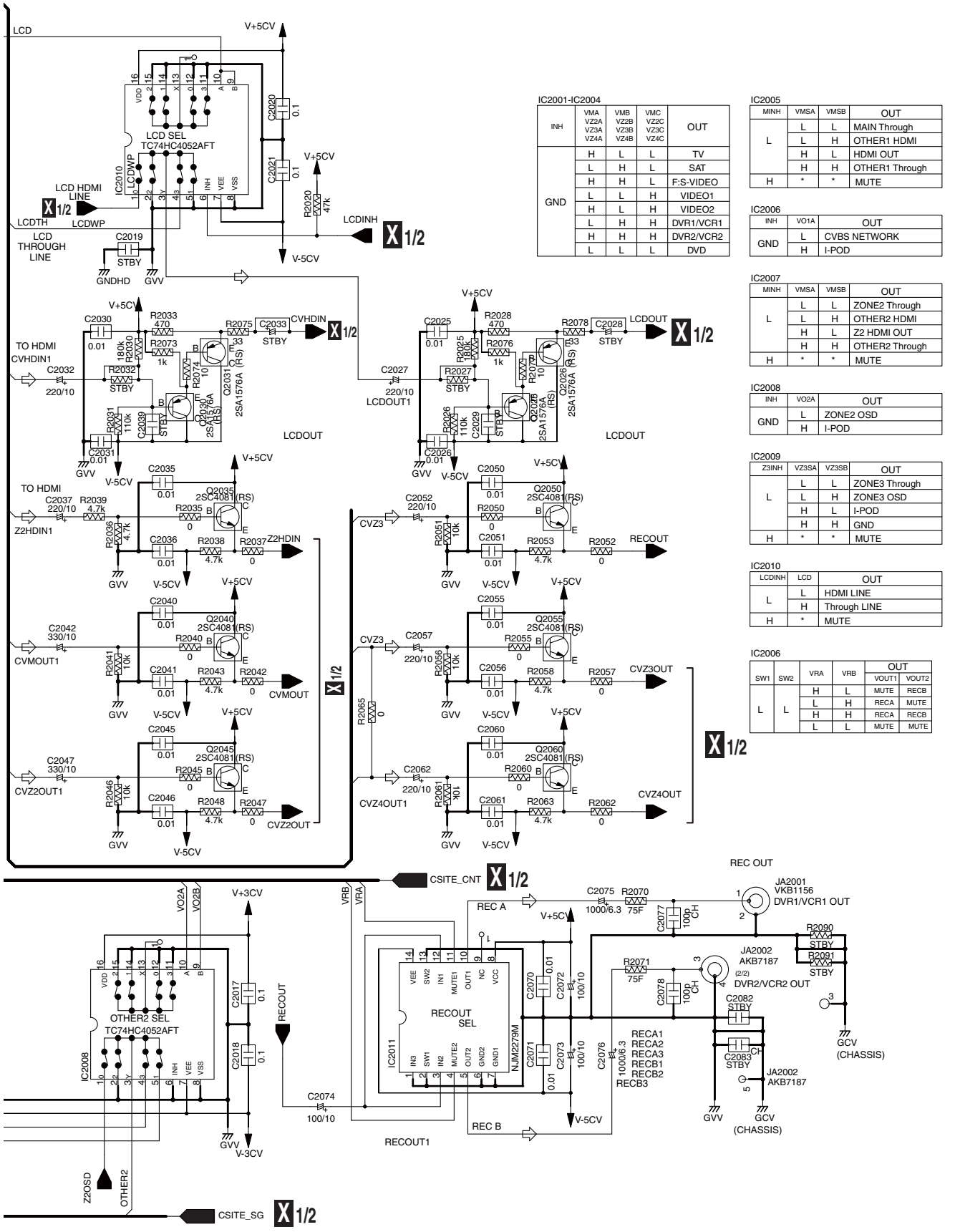
1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

3.DIODES
No marked Diodes are 1SS355.

※Parts or parts block marked by "STBY" are standby.

X 2/2



IC2001-IC2004

INH	VMA VZ2A VZ3A VZ4A	VMB VZ2B VZ3B VZ4B	VMC VZ2C VZ3C VZ4C	OUT
GND	H	L	L	TV
	L	H	L	SAT
	H	H	L	F:S-VIDEO
	L	L	H	VIDEO1
	H	L	H	VIDEO2
	L	H	H	DVR1/VCR1
	H	H	H	DVR2/VCR2
	L	L	L	DVD

IC2005

MINH	VMSA	VMSB	OUT
L	L	L	MAIN Through
	L	H	OTHER1 HDMI
	H	L	HDMI OUT
	H	H	OTHER1 Through
H	*	*	MUTE

IC2006

INH	VO1A	OUT
GND	L	CVBS NETWORK
	H	I-POD

IC2007

MINH	VMSA	VMSB	OUT
L	L	L	ZONE2 Through
	L	H	OTHER2 HDMI
	H	L	Z2 HDMI OUT
	H	H	OTHER2 Through
H	*	*	MUTE

IC2008

INH	VO2A	OUT
GND	L	ZONE2 OSD
	H	I-POD

IC2009

Z3INH	VZ3SA	VZ3SB	OUT
L	L	L	ZONE3 Through
	L	H	ZONE3 OSD
	H	L	I-POD
	H	H	GND
H	*	*	MUTE

IC2010

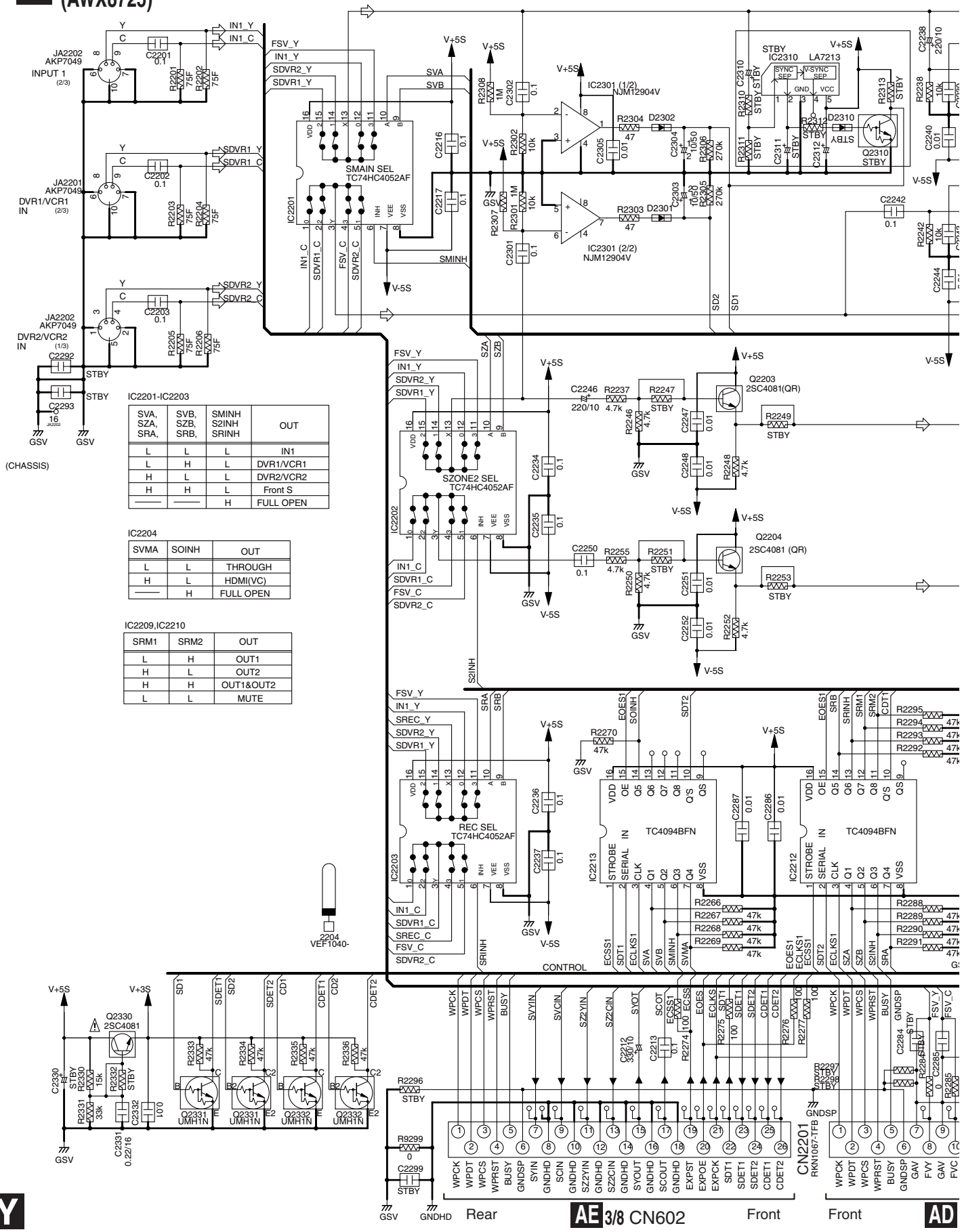
LCDINH	LCD	OUT
L	L	HDMI LINE
	H	Through LINE
H	*	MUTE

IC2006

SW1	SW2	VRA	VRB	OUT	
				VOUT1	VOUT2
L	L	H	L	MUTE	RECB
		L	H	RECA	MUTE
		H	H	RECA	RECB
		L	L	MUTE	MUTE

10.48 S-VIDEO ASSY

Y S-VIDEO ASSY (AWX8725)



IC2201-IC2203

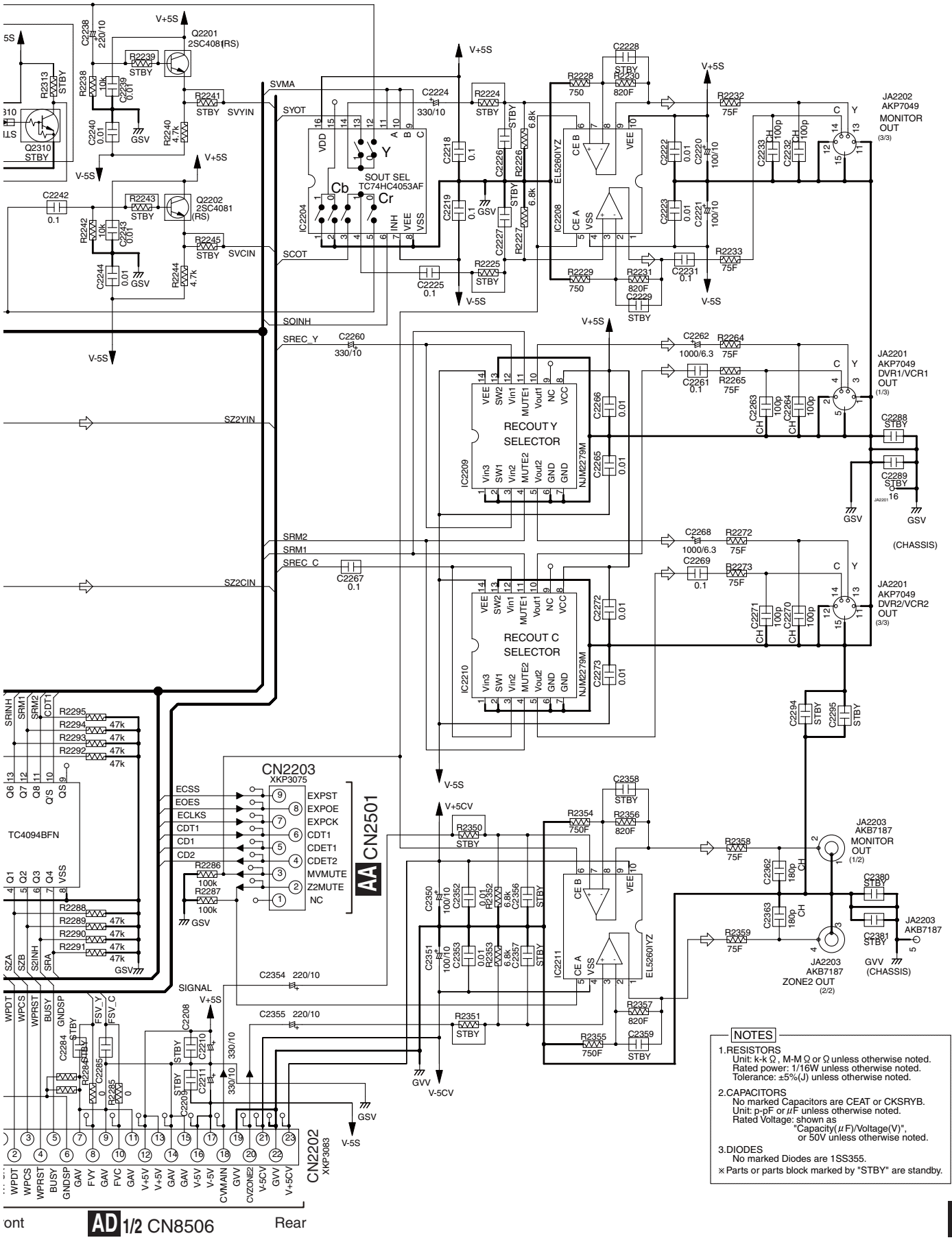
SVA, SZA, SRA,	SVB, SZB, SRB,	SMINH S2INH SRINH	OUT
L	L	L	IN1
L	H	L	DVR1/VCR1
H	L	L	DVR2/VCR2
H	H	L	Front S
——	——	H	FULL OPEN

IC2204

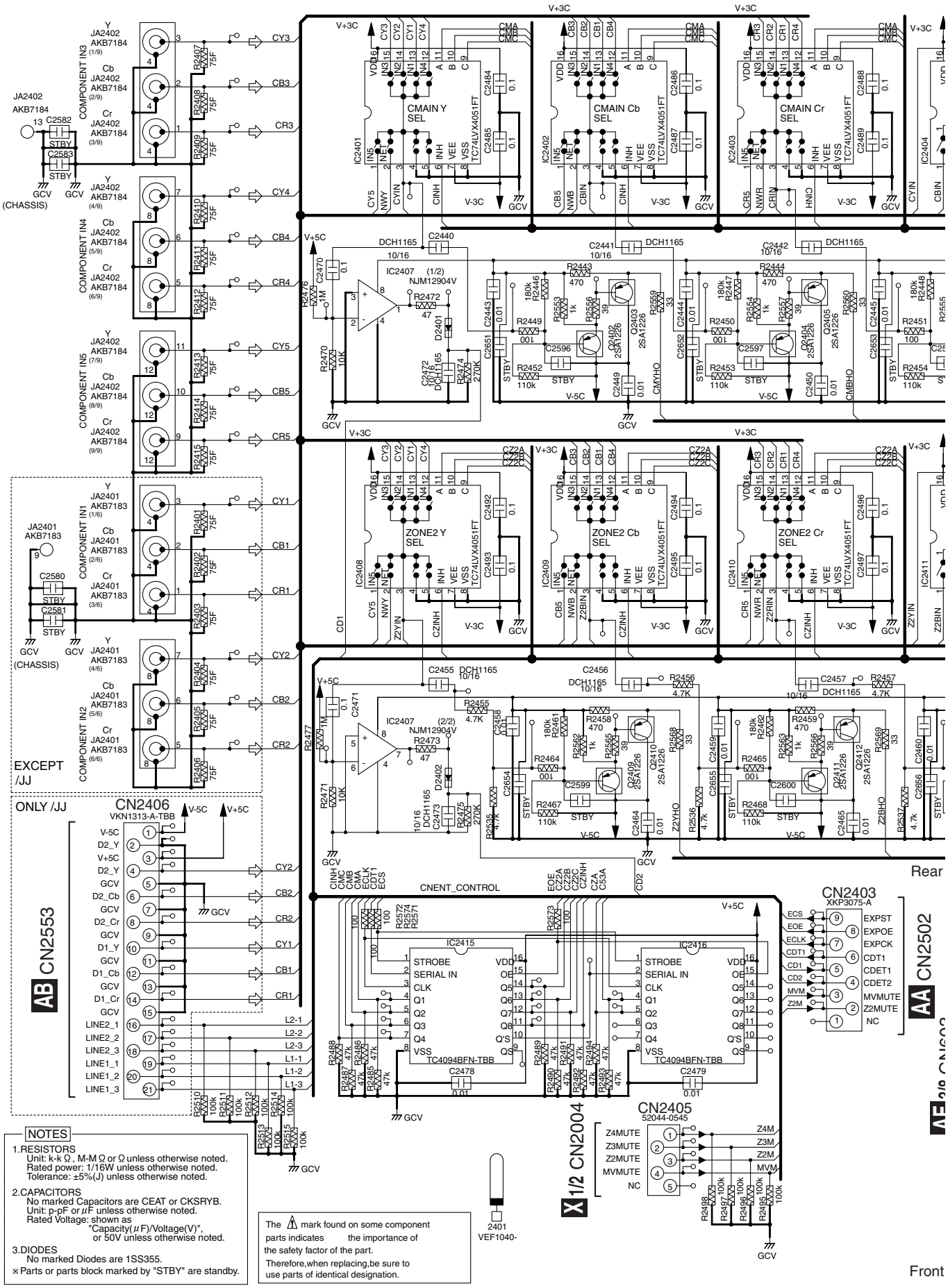
SVMA	SOINH	OUT
L	L	THROUGH
H	L	HDMI(VC)
——	H	FULL OPEN

IC2209,IC2210

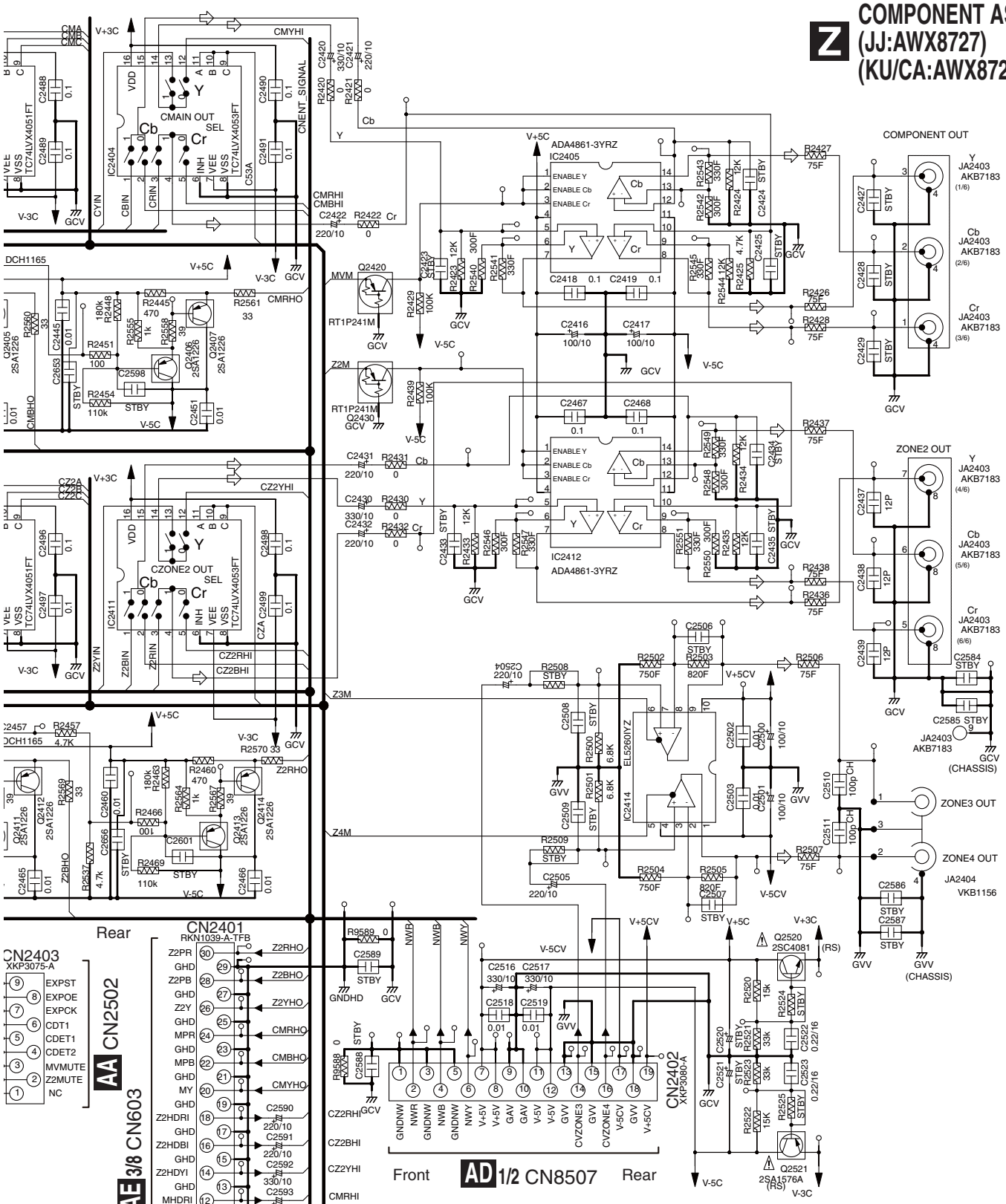
SRM1	SRM2	OUT
L	H	OUT1
H	L	OUT2
H	H	OUT1&OUT2
L	L	MUTE


V+5S
V-5S
Q2201 2SC4081(RS)
Q2202 2SC4081(RS)
Q2310
STBY
SVMA
SYOT
SCOT
SOINH
SVCIN
SVYIN
SREC_Y
SREC_C
SRM2
SRM1
SZ2YIN
SZ2CIN
SOUT SEL TC74HC4053AF
IC2204
RECOUT Y SELECTOR
IC2209
RECOUT C SELECTOR
IC2210
NJM2279M
EL5260IYZ
IC2208
IC2211
JA2202 AKP7049 MONITOR OUT (3/3)
JA2201 AKP7049 DVR1/VCR1 OUT (1/3)
JA2201 AKP7049 DVR2/VCR2 OUT (3/3)
JA2203 AKB7187 MONITOR OUT (1/2)
JA2203 AKB7187 ZONE2 OUT (2/2)
(CHASSIS)
GVV
V-5CV
V+5CV
TC4094BFN
CN2203 XKP3075
CN2501
EXPST
EXPOE
EXPCK
CDT1
CDET1
CDET2
MVMUTE
Z2MUTE
NC
ECSS
EOES
ECLKS
CD1
CD2
CN2202 XKP3083
SIGNAL
AD 1/2 CN8506
Front
Rear
NOTES
1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.
2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as "Capacity(μF)/Voltage(V)", or 50V unless otherwise noted.
3.DIODES
No marked Diodes are 1SS355.
※Parts or parts block marked by "STBY" are standby.

10.49 COMPONENT ASSY

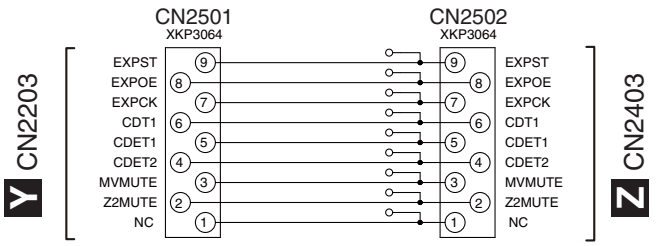


Z COMPONENT ASSY (JJ:AWX8727) (KU/CA:AWX8726)



10.50 VIDEO BRIDGE ASSY

AA VIDEO BRIDGE ASSY (AWX8743)



NOTES

1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

3.DIODES
No marked Diodes are 1SS352.

※Parts or parts block marked by "STBY" are standby.

AA

A

B

C

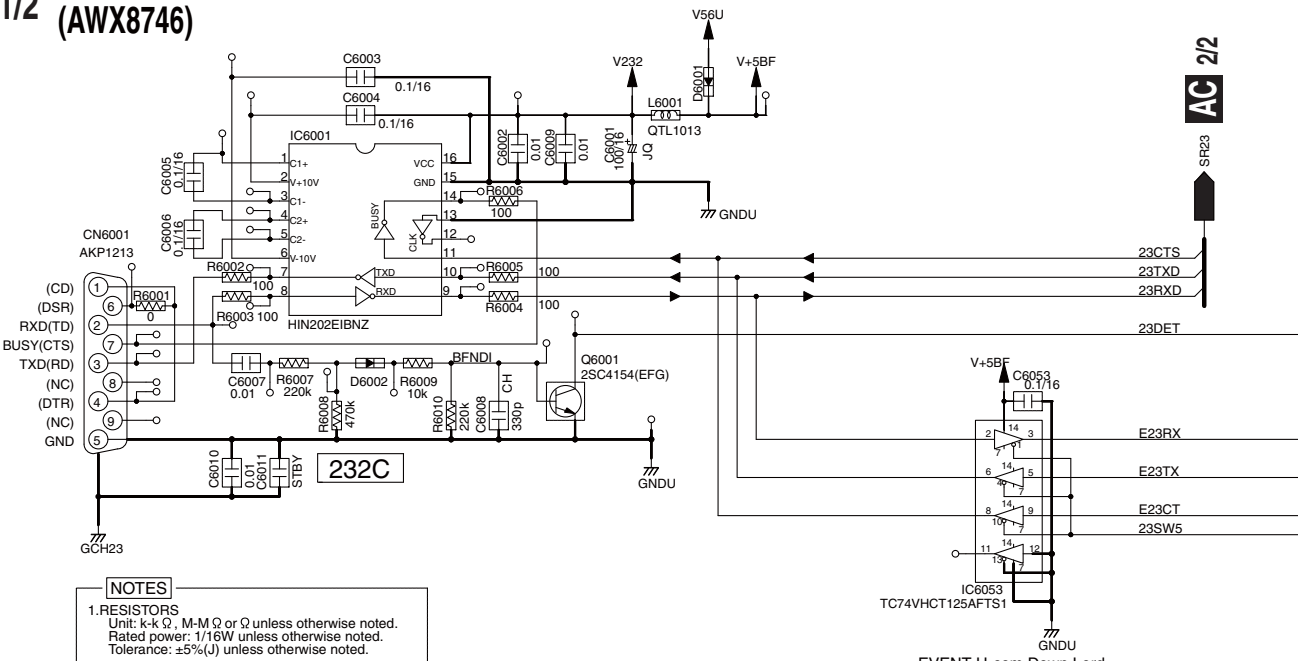
D

E

F

10.51 IR 232C ASSY (1/2)

AC 1/2 IR 232C ASSY (AWX8746)



EVENT U-com Down Lord Switch (From RS-232C)

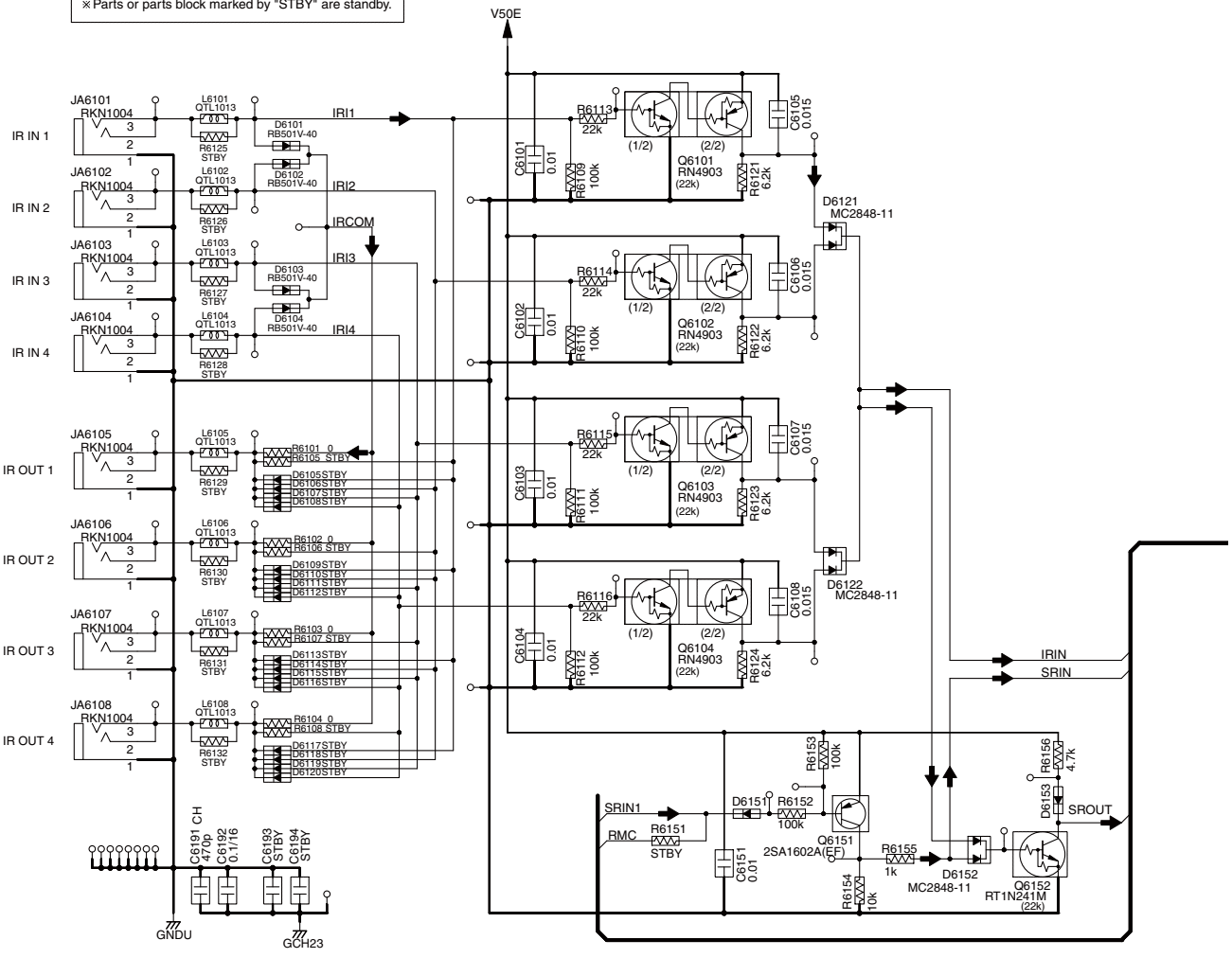
NOTES

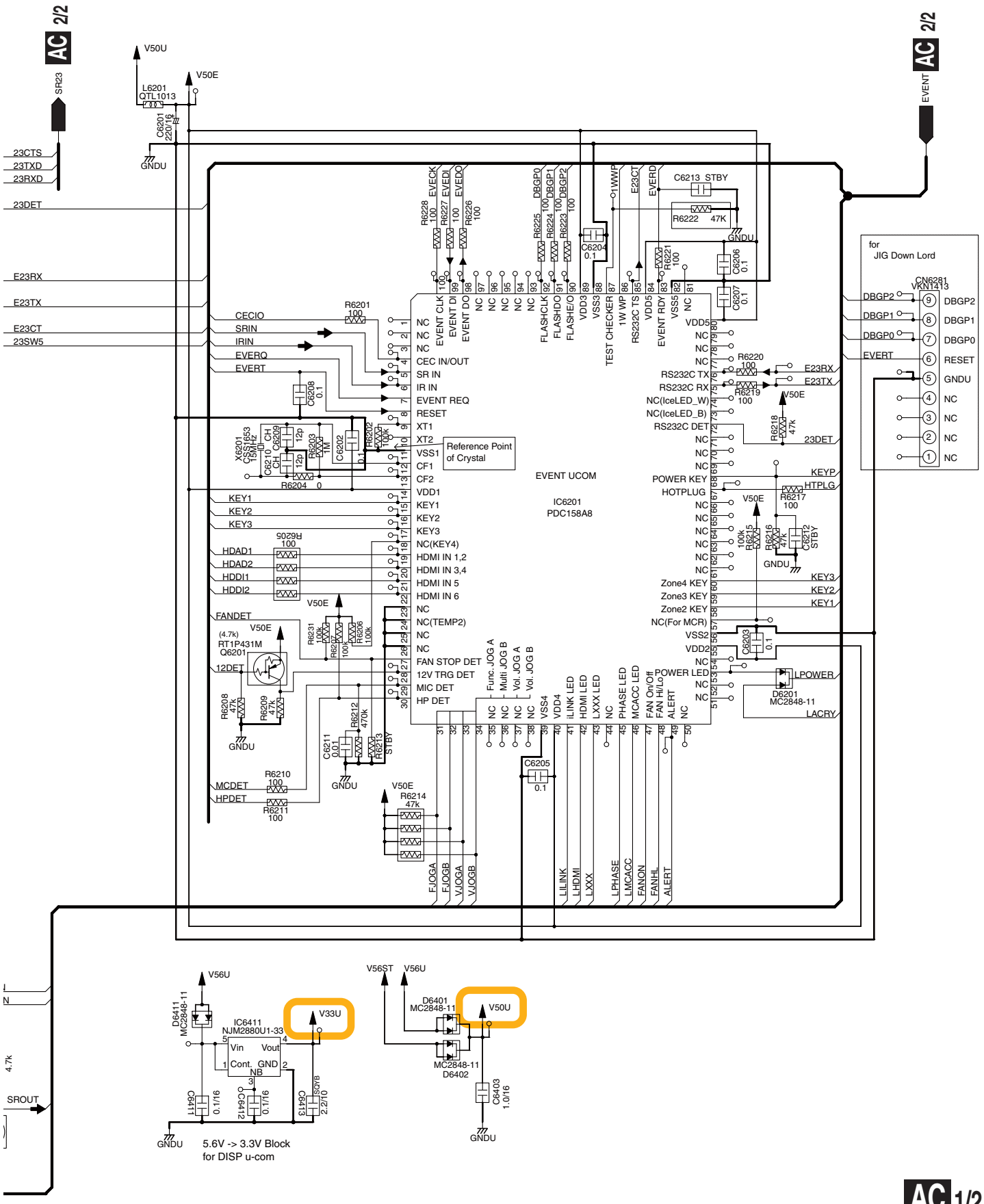
1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

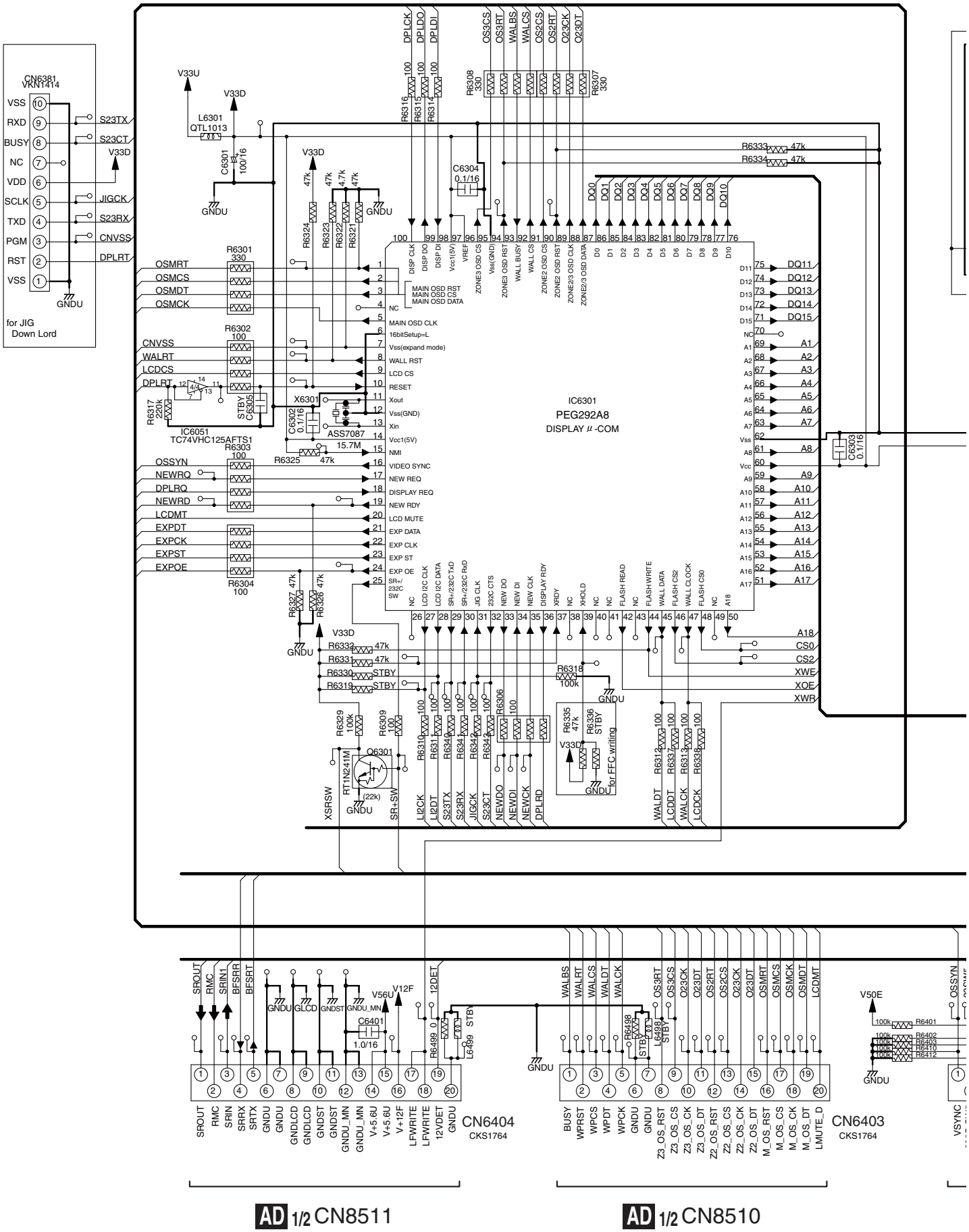
3.DIODES
No marked Diodes are 1SS352.

※Parts or parts block marked by "STBY" are standby.

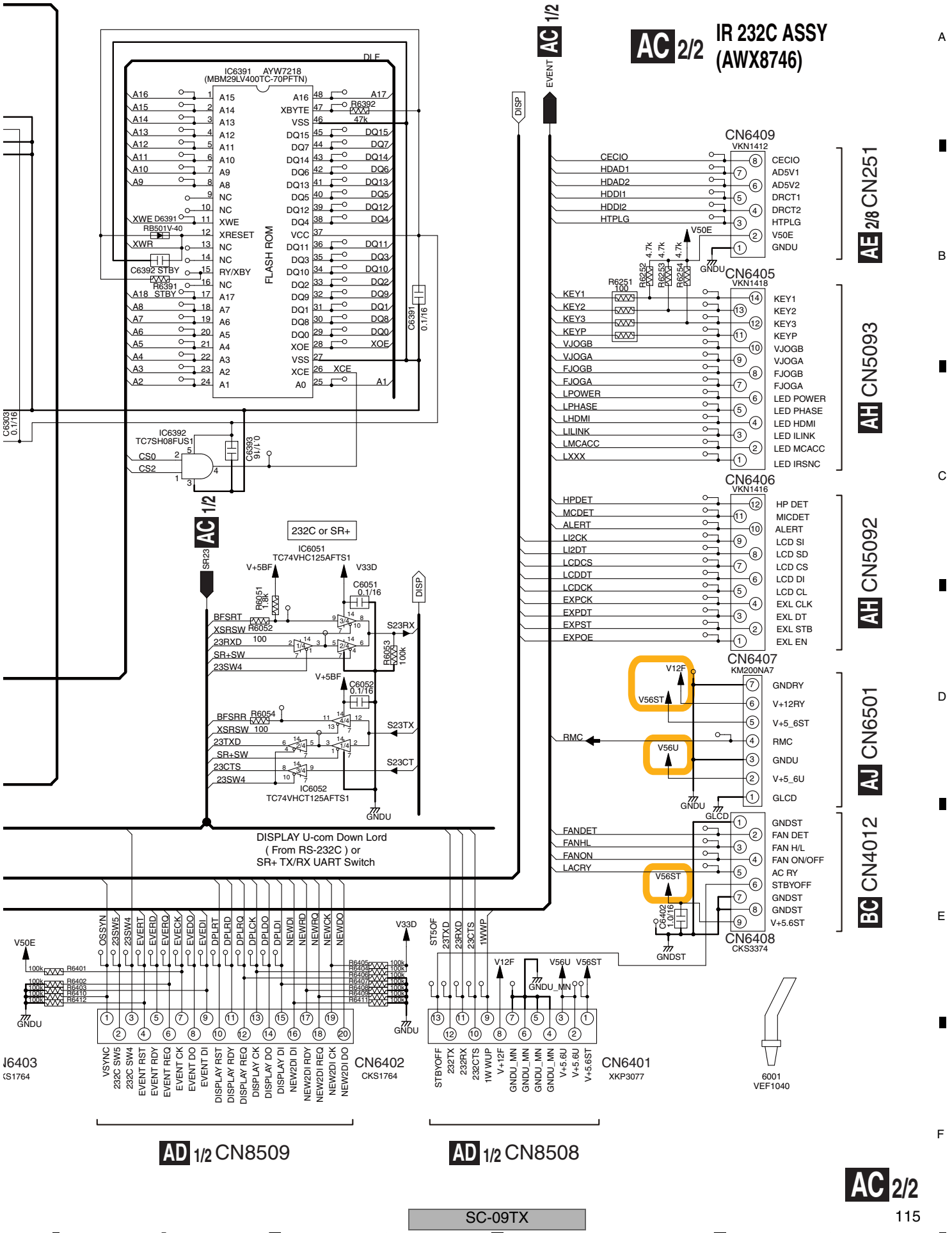



AC 2/2
SR23
23CTS
23TXD
23RXD
23DET
E23RX
E23TX
E23CT
23SW5
V50U
V50E
L6201
QTL1013
C6201
220/16
GNDU
EVENT
AC 2/2
for
JIG Down Lord
CN6281
VKN1413
DBGP2
DBGP1
DBGP0
EVERT
RESET
GNDU
NC
EVENT UCOM
IC6201
PDC158A8
Reference Point
of Crystal
CECIO
SRIN
IRIN
EVERQ
EVERT
KEY1
KEY2
KEY3
HDAD1
HDAD2
HDDI1
HDDI2
FANDET
12DET
MCDET
HPDET
KEYP
HTPLG
LPOWER
LACRY
Zone4 KEY
Zone3 KEY
Zone2 KEY
C6213 STBY
R6222 47K
C6204 0.1
C6205 0.1
C6206 0.1
C6207 0.1
C6208 0.1
C6209 12p
C6210 12p
C6211 0.01
C6212 STBY
C6203 0.1
R6201 100
R6202 100k
R6203 1M
R6204 0
R6205 100
R6206 100k
R6208 47k
R6209 47k
R6210 100
R6211 100
R6212 470k
R6213 STBY
R6214 47k
R6215 100k
R6216 47k
R6217 100
R6218 47k
R6219 100
R6220 100
R6221 100
R6222 47K
R6223 100
R6224 100
R6225 100
R6226 100
R6227 100
R6228 100
R6231 100k
R6232 100k
R6233 100k
X6201
CSTS653
15MHz
CH
D6201
MC2848-11
D6401
MC2848-11
D6402
MC2848-11
D6411
MC2848-11
IC6411
NJM2880U1-33
Vin
Vout
Cont.
GND
NB
V33U
V56U
V56ST
V50U
C6411 0.1/16
C6412 0.1/16
C6413 2.2/10
C6403 1.0/16
5.6V -> 3.3V Block
for DISP u-com
4.7k
SROUT
AC 1/2

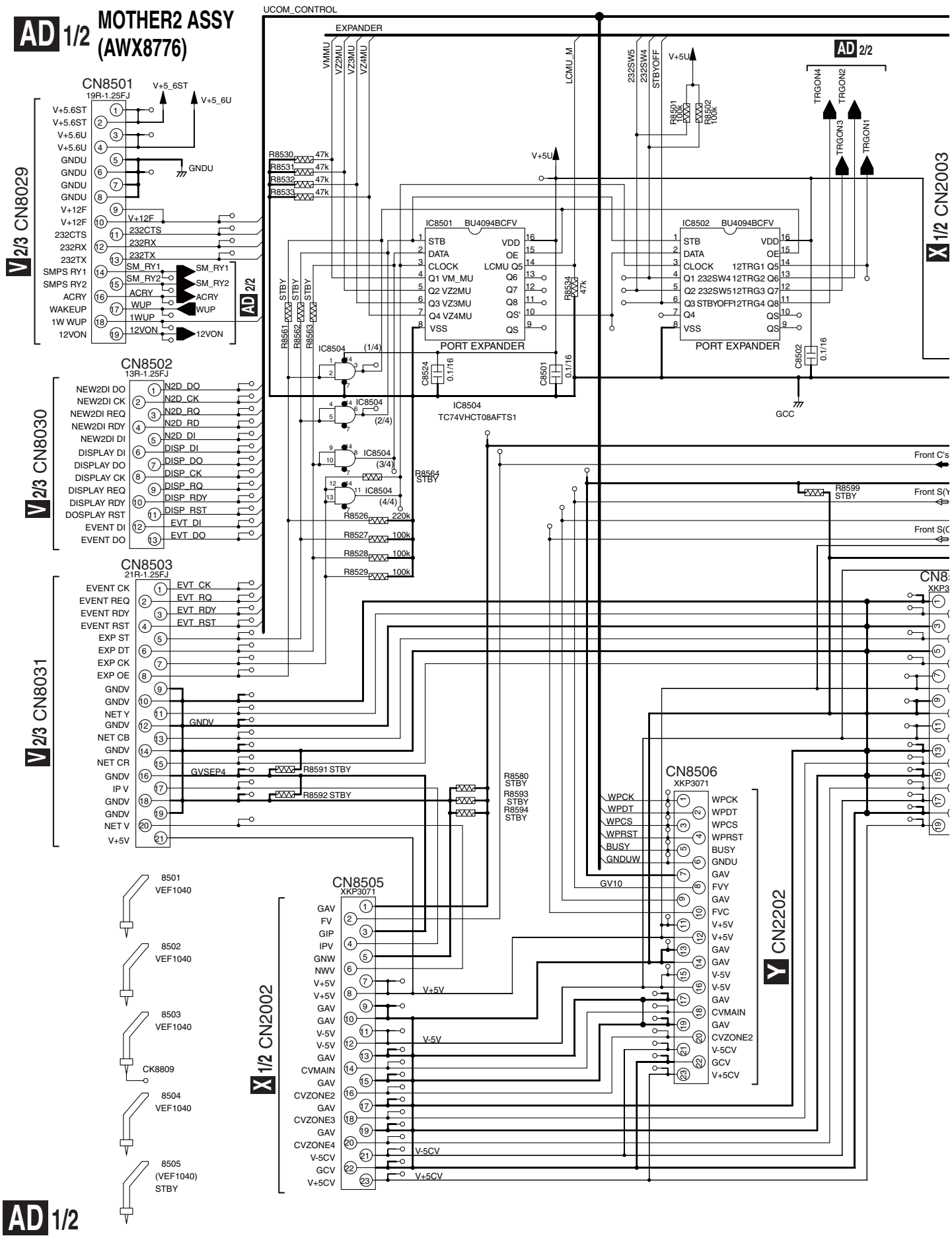
10.52 IR 232C ASSY (2/2)

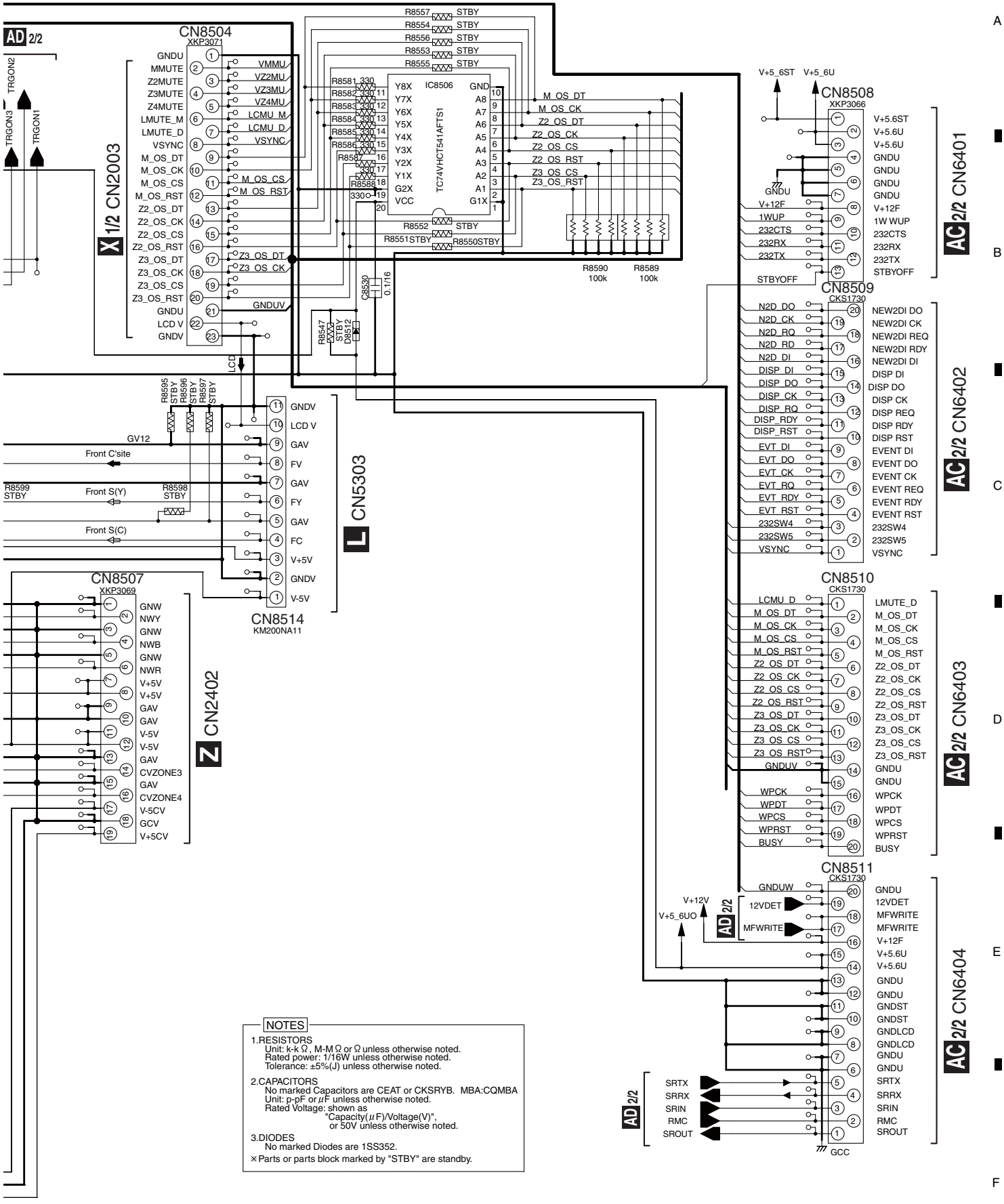


AC 2/2


AC 2/2 IR 232C ASSY (AWX8746)
IC6391 AYW7218 (MBM29LV400TC-70PFTN)
FLASH ROM
DLF
IC6392 TC7SH08FUS1
IC6051 TC74VHC125AFTS1
IC6052 TC74VHCT125AFTS1
232C or SR+
DISPLAY U-com Down Lord (From RS-232C) or SR+ TX/RX UART Switch
CN6409 VKN1412
CN6405 VKN1418
CN6406 VKN1416
CN6407 KM200NA7
CN6408 CKS3374
CN6402 CKS1764
CN6401 XKP3077
AE 2/8 CN251
AH CN5093
AH CN5092
AJ CN6501
BC CN4012
AD 1/2 CN8509
AD 1/2 CN8508
AC 1/2
AC 2/2
SC-09TX
115

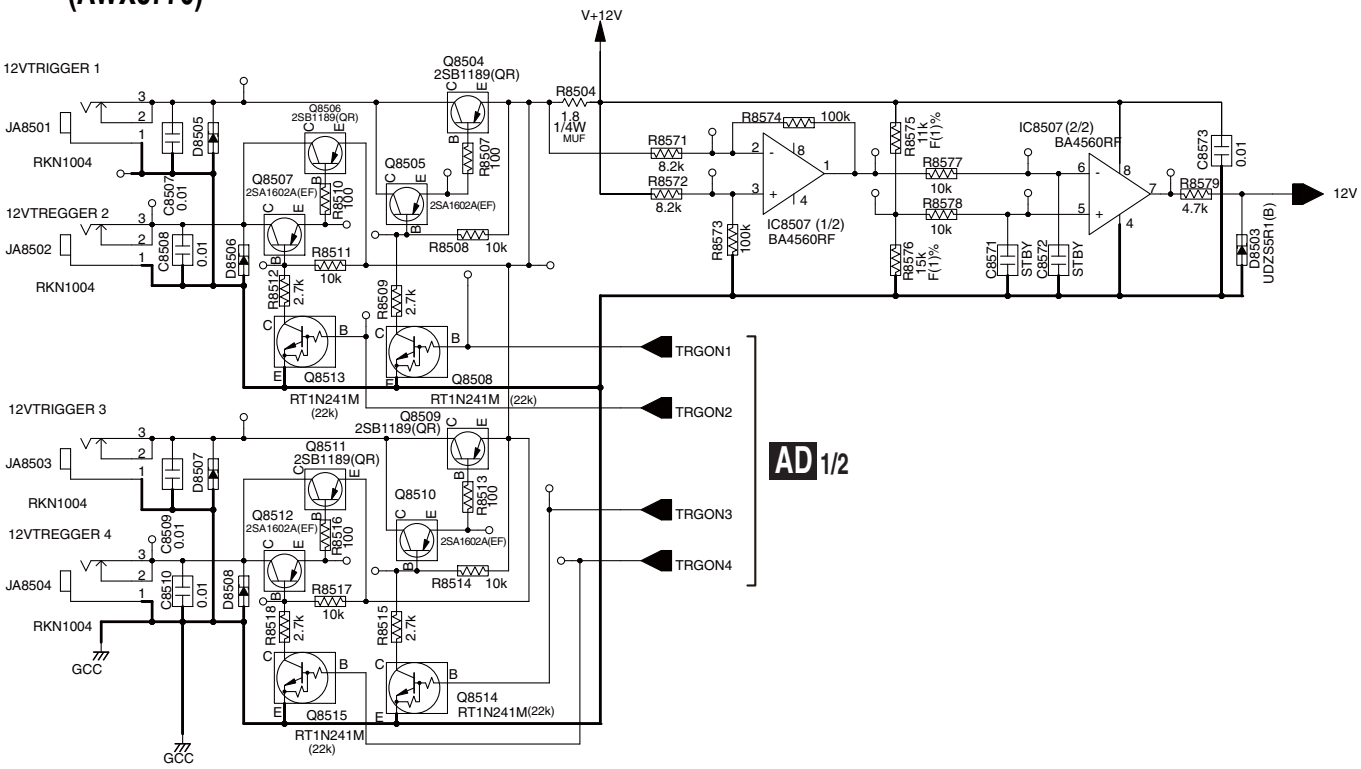
10.53 MOTHER 2 ASSY (1/2)

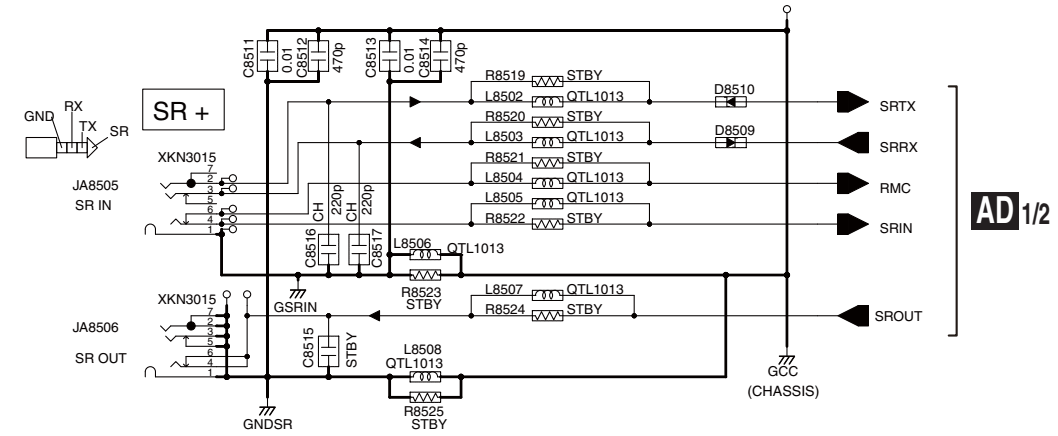


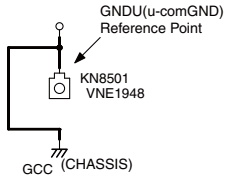

AD 2/2
CN8504
XKP3071
X 1/2 CN2003
TRGON2
TRGON3
TRGON1
GNDU
MMUTE
Z2MUTE
Z3MUTE
Z4MUTE
LMUTE_M
LMUTE_D
VSYNC
M_OS_DT
M_OS_CK
M_OS_CS
M_OS_RST
Z2_OS_DT
Z2_OS_CK
Z2_OS_CS
Z2_OS_RST
Z3_OS_DT
Z3_OS_CK
Z3_OS_CS
Z3_OS_RST
GNDU
LCD V
GNDV
VMMU
VZ2MU
VZ3MU
VZ4MU
LCMU_M
LCMU_D
VSYNC
M_OS_CS
M_OS_RST
Z3_OS_DT
Z3_OS_CK
GNDUV
IC8506
TC74VHCT541AFTS1
Y8X
Y7X
Y6X
Y5X
Y4X
Y3X
Y2X
Y1X
G2X
VCC
GND
A8
A7
A6
A5
A4
A3
A2
A1
G1X
R8581 330
R8582 330
R8583 330
R8584 330
R8585 330
R8586 330
R8587 330
R8588 330
R8557 STBY
R8554 STBY
R8556 STBY
R8553 STBY
R8555 STBY
R8552 STBY
R8551 STBY
R8550 STBY
M_OS_DT
M_OS_CK
Z2_OS_DT
Z2_OS_CK
Z2_OS_CS
Z2_OS_RST
Z3_OS_CS
Z3_OS_RST
R8590 100k
R8589 100k
C8530 0.1/16
R8547 47K STBY
D8512 STBY
LCD
R8595 STBY
R8596 STBY
R8597 STBY
GV12
Front C'site
Front S(Y)
Front S(C)
R8599 STBY
R8598 STBY
L CN5303
GNDV
LCD V
GAV
FV
GAV
FY
GAV
FC
V+5V
GNDV
V-5V
CN8514
KM200NA11
CN8507
XKP3069
Z CN2402
GNW
NWY
GNW
NWB
GNW
NWR
V+5V
V+5V
GAV
GAV
V-5V
V-5V
GAV
CVZONE3
GAV
CVZONE4
V-5CV
GCV
V+5CV
V+5_6ST
V+5_6U
CN8508
XKP3066
AC 2/2 CN6401
V+5.6ST
V+5.6U
V+5.6U
GNDU
GNDU
GNDU
GNDU
V+12F
1WUP
232CTS
232RX
232TX
STBYOFF
V+12F
1W WUP
232CTS
232RX
232TX
STBYOFF
CN8509
CKS1730
AC 2/2 CN6402
N2D_DO
N2D_CK
N2D_RQ
N2D_RD
N2D_DI
DISP_DI
DISP_DO
DISP_CK
DISP_RQ
DISP_RDY
DISP_RST
EVT_DI
EVT_DO
EVT_CK
EVT_RQ
EVT_RDY
EVT_RST
232SW4
232SW5
VSYNC
NEW2DI DO
NEW2DI CK
NEW2DI REQ
NEW2DI RDY
NEW2DI DI
DISP DI
DISP DO
DISP CK
DISP REQ
DISP RDY
DISP RST
EVENT DI
EVENT DO
EVENT CK
EVENT REQ
EVENT RDY
EVENT RST
232SW4
232SW5
VSYNC
CN8510
CKS1730
AC 2/2 CN6403
LCMU_D
M_OS_DT
M_OS_CK
M_OS_CS
M_OS_RST
Z2_OS_DT
Z2_OS_CK
Z2_OS_CS
Z2_OS_RST
Z3_OS_DT
Z3_OS_CK
Z3_OS_CS
Z3_OS_RST
GNDUV
WPCK
WPDT
WPCS
WPRST
BUSY
LMUTE_D
M_OS_DT
M_OS_CK
M_OS_CS
M_OS_RST
Z2_OS_DT
Z2_OS_CK
Z2_OS_CS
Z2_OS_RST
Z3_OS_DT
Z3_OS_CK
Z3_OS_CS
Z3_OS_RST
GNDU
GNDU
WPCK
WPDT
WPCS
WPRST
BUSY
CN8511
CKS1730
AC 2/2 CN6404
GNDUW
V+12V
V+5_6UO
AD 2/2
12VDET
MFWRITE
SRTX
SRRX
SRIN
RMC
SROUT
GCC
GNDU
12VDET
MFWRITE
MFWRITE
V+12F
V+5.6U
V+5.6U
GNDU
GNDU
GNDST
GNDST
GNDLCD
GNDLCD
GNDU
GNDU
SRTX
SRRX
SRIN
RMC
SROUT
NOTES
1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.
2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB. MBA:CQMBA
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.
3.DIODES
No marked Diodes are 1SS352.
※Parts or parts block marked by "STBY" are standby.

10.54 MOTHER 2 ASSY (2/2)

AD 2/2 MOTHER2 ASSY (AWX8776)







N 2/2 CN7006

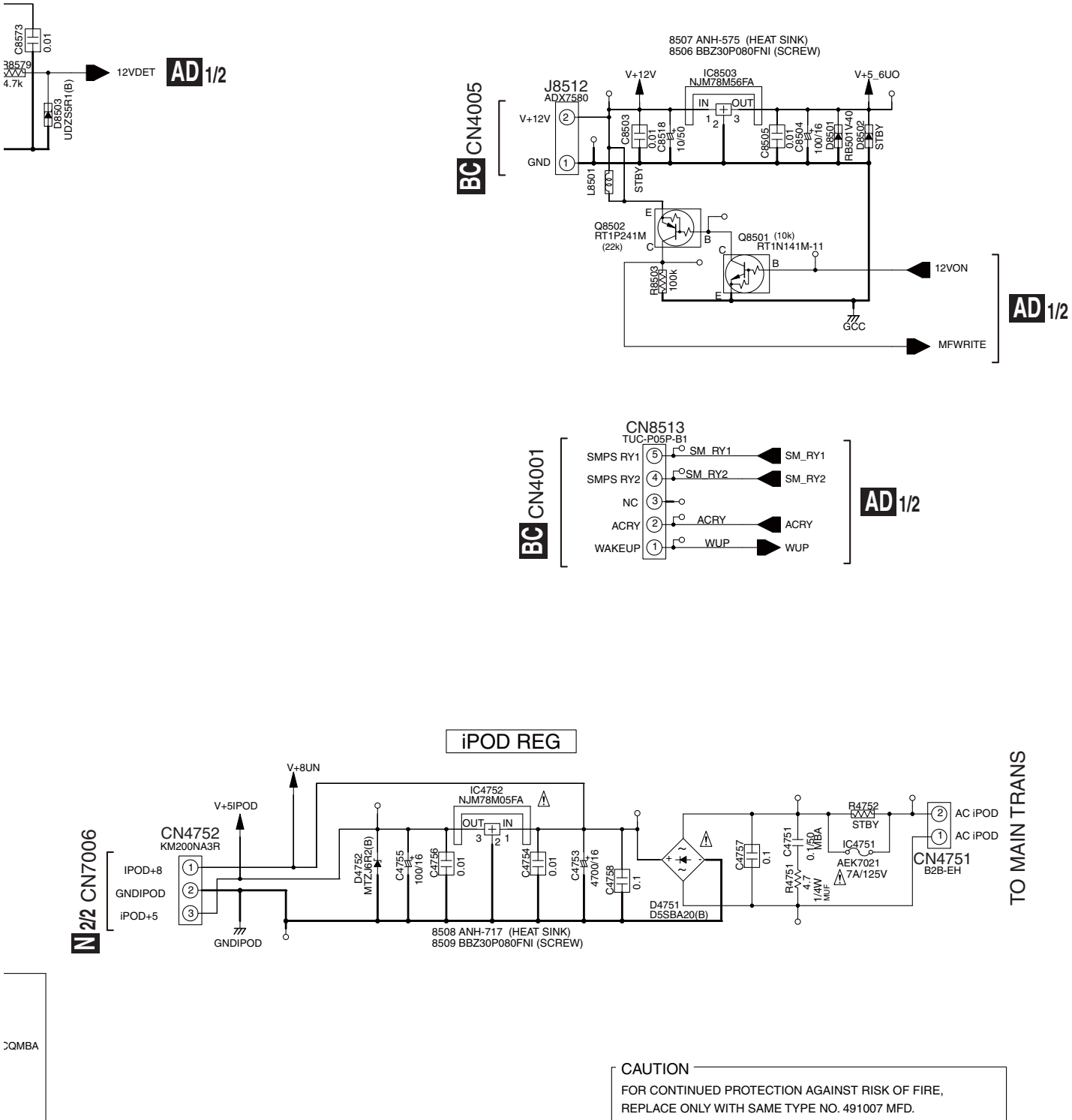
NOTES

1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

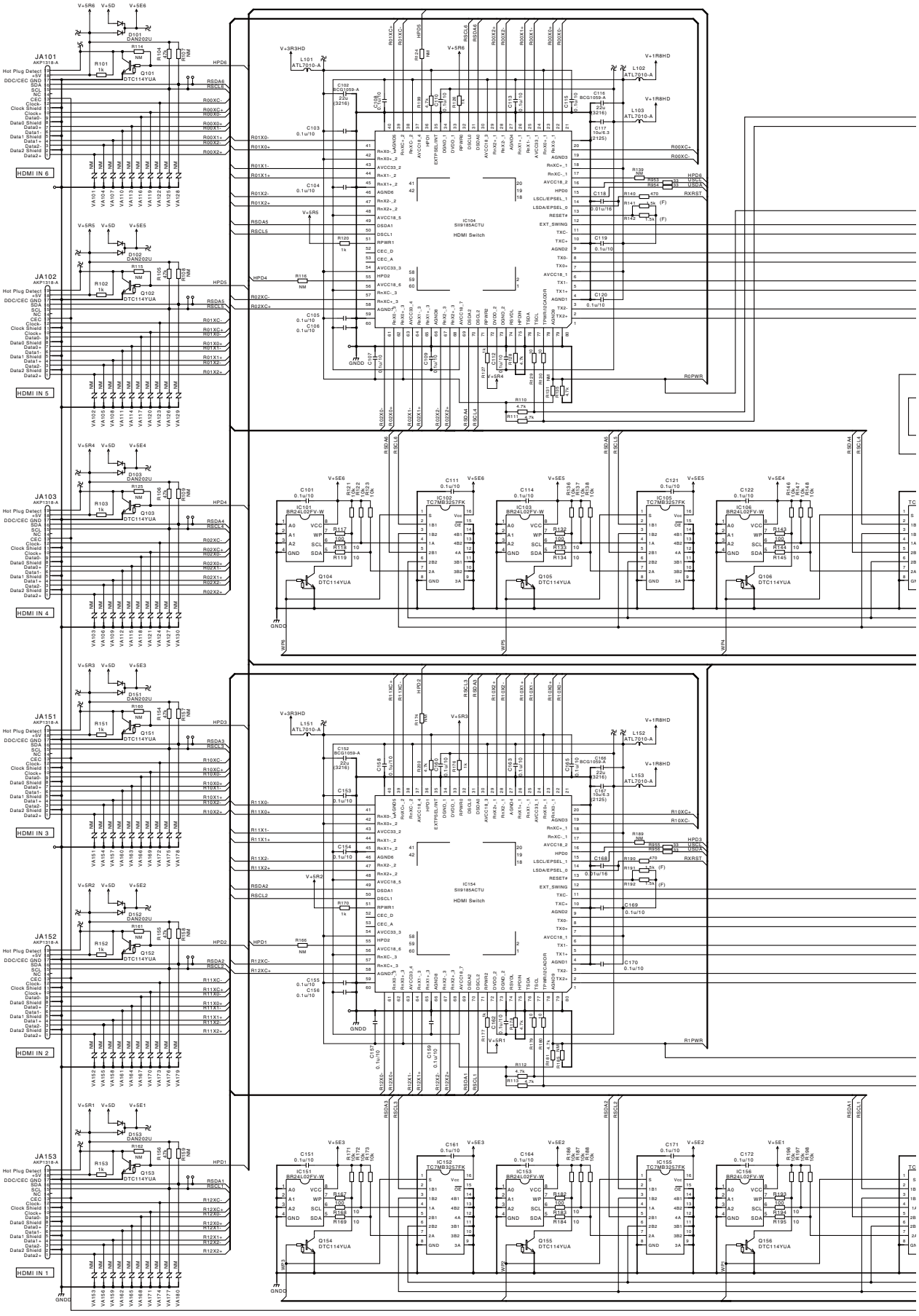
2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB. MBA:CQMBA
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

3.DIODES
No marked Diodes are 1SS352.

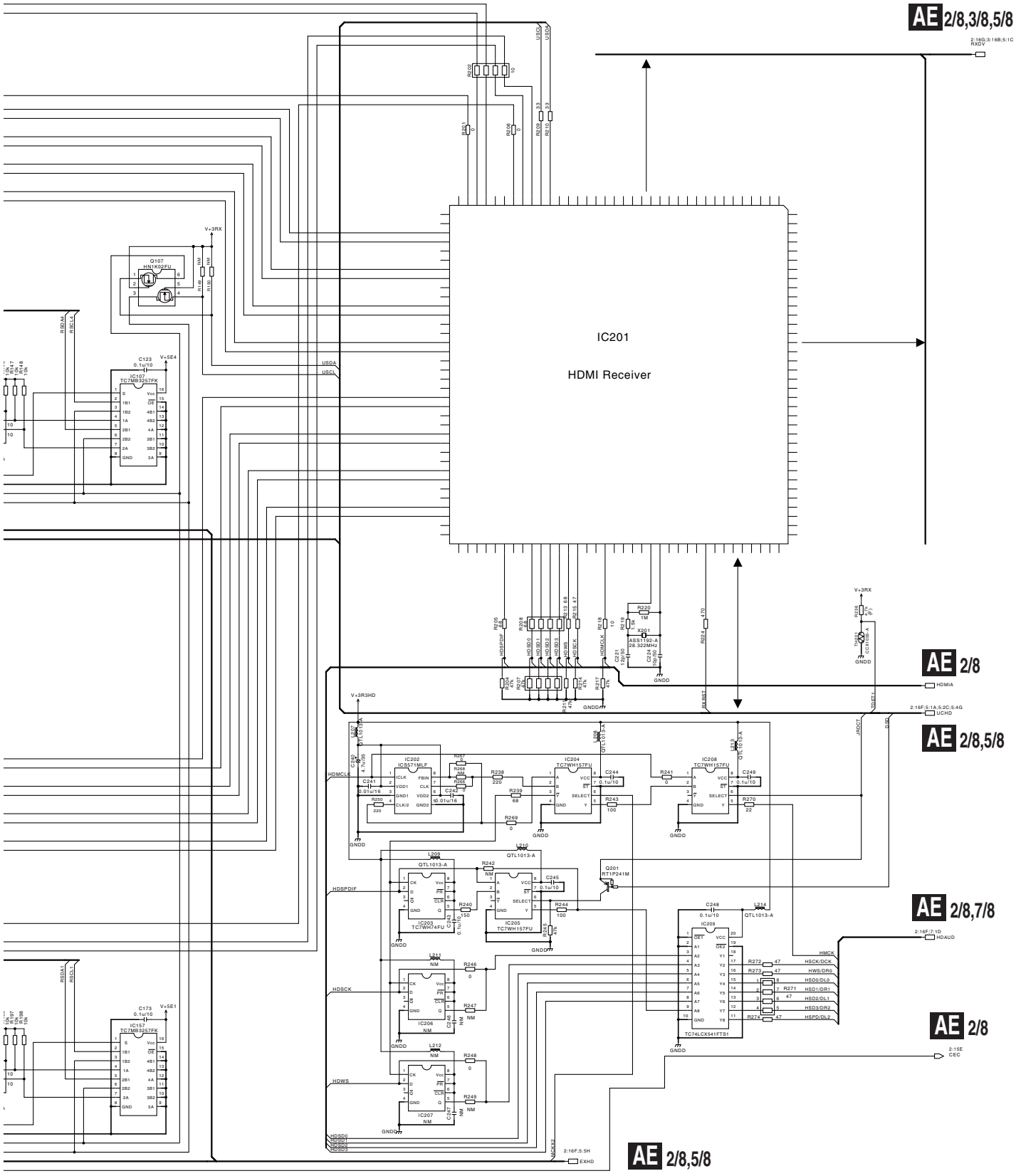
※Parts or parts block marked by "STBY" are standby.


C8573
0.01
R8579
4.7k
D8503
UDZS5R1(B)
12VDET
AD 1/2
8507 ANH-575 (HEAT SINK)
8506 BBZ30P080FNI (SCREW)
BC CN4005
J8512
ADX7580
V+12V
GND
V+12V
IC8503
NJM78M56FA
IN
OUT
V+5_6UO
C8503
0.01
C8518
10/50
C8505
0.01
C8504
100/16
D8501
RB501V-40
D8502
STBY
L8501
100
STBY
Q8502
RT1P241M
(22k)
Q8501 (10k)
RT1N141M-11
R8503
100k
12VON
GCC
MFWRITE
AD 1/2
CN8513
TUC-P05P-B1
BC CN4001
SMPS RY1
SMPS RY2
NC
ACRY
WAKEUP
SM_RY1
SM_RY2
ACRY
WUP
SM_RY1
SM_RY2
ACRY
WUP
AD 1/2
iPOD REG
V+8UN
V+5IPOD
CN4752
KM200NA3R
N 2/2 CN7006
IPOD+8
GNDIPOD
iPOD+5
GNDIPOD
IC4752
NJM78M05FA
OUT
IN
D4752
MTZJ6R2(B)
C4755
100/16
C4756
0.01
C4754
0.01
C4753
4700/16
C4758
0.1
D4751
D5SBA20(B)
C4757
0.1
R4751
4.7
1/4W
MJF
C4751
0.1/50
MBA
R4752
STBY
IC4751
AEK7021
7A/125V
CN4751
B2B-EH
AC iPOD
AC iPOD
TO MAIN TRANS
8508 ANH-717 (HEAT SINK)
8509 BBZ30P080FNI (SCREW)
CQMBA
CAUTION
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE,
REPLACE ONLY WITH SAME TYPE NO. 491007 MFD.
BY LITTELFUSE INC.FOR IC4751.
AD 2/2

10.55 HDMI ASSY (1/8) (Guide page)



AE 1/8 HDMI ASSY (AWQ7038)

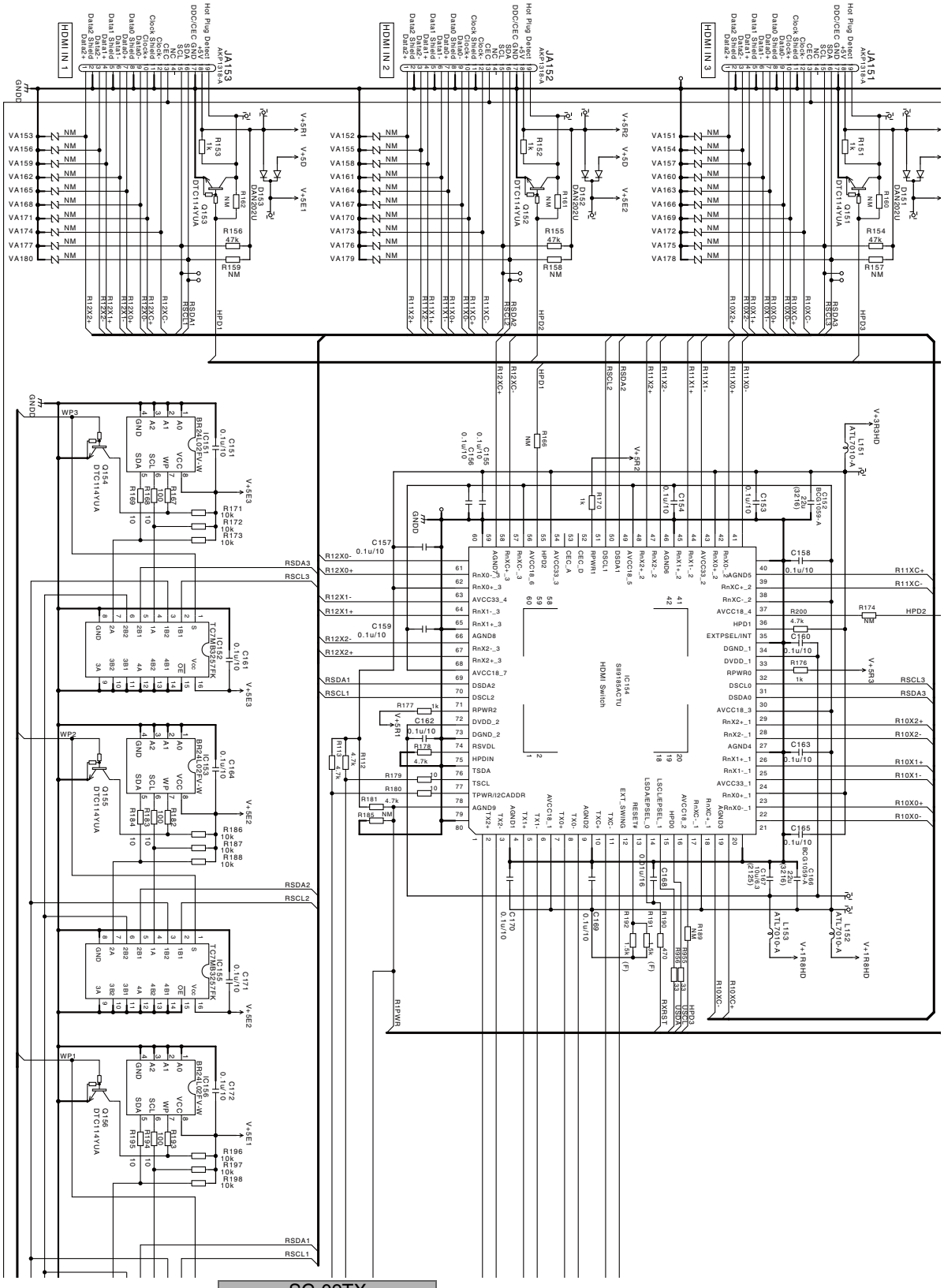


Large size SCH diagram

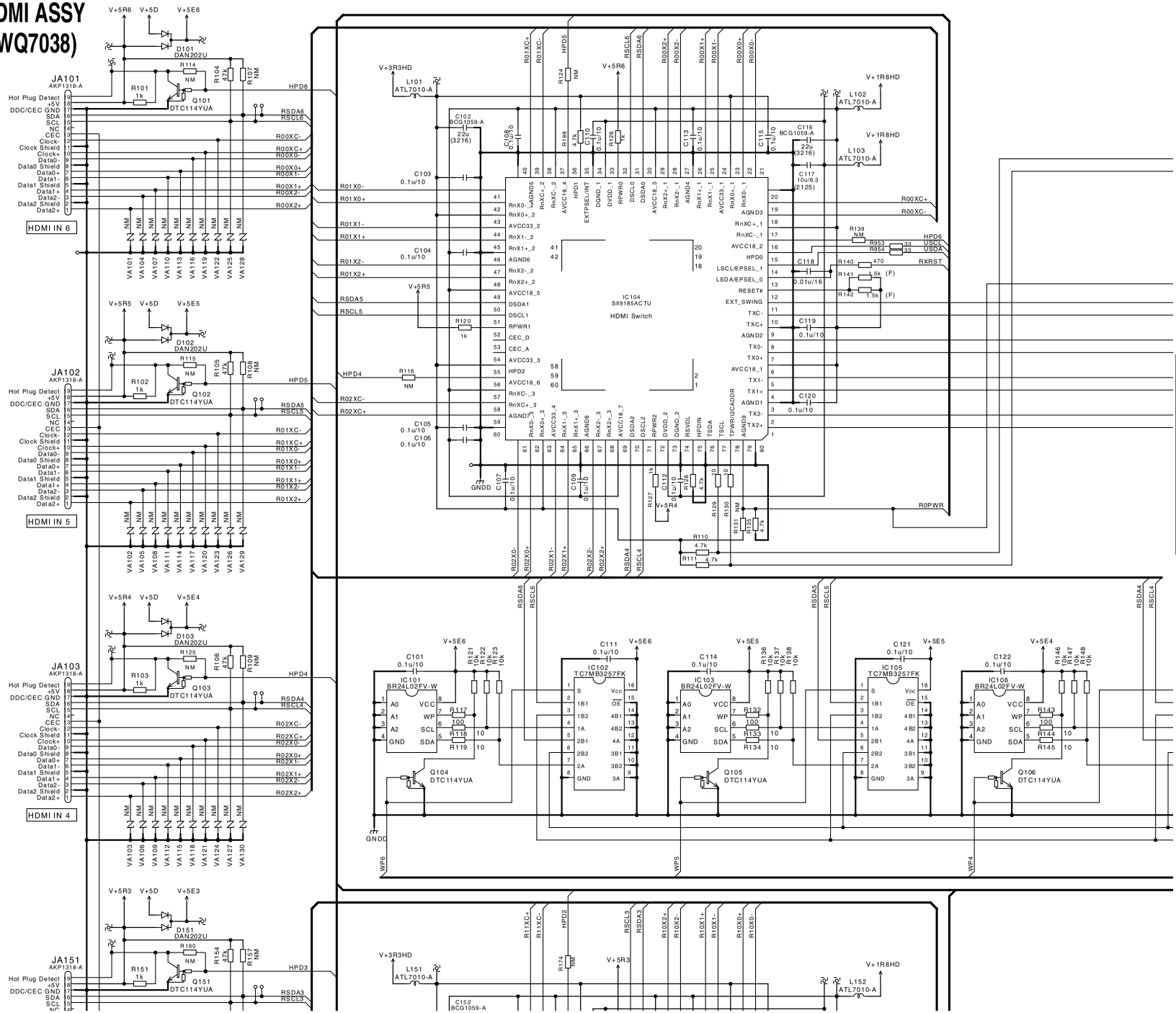
1/2

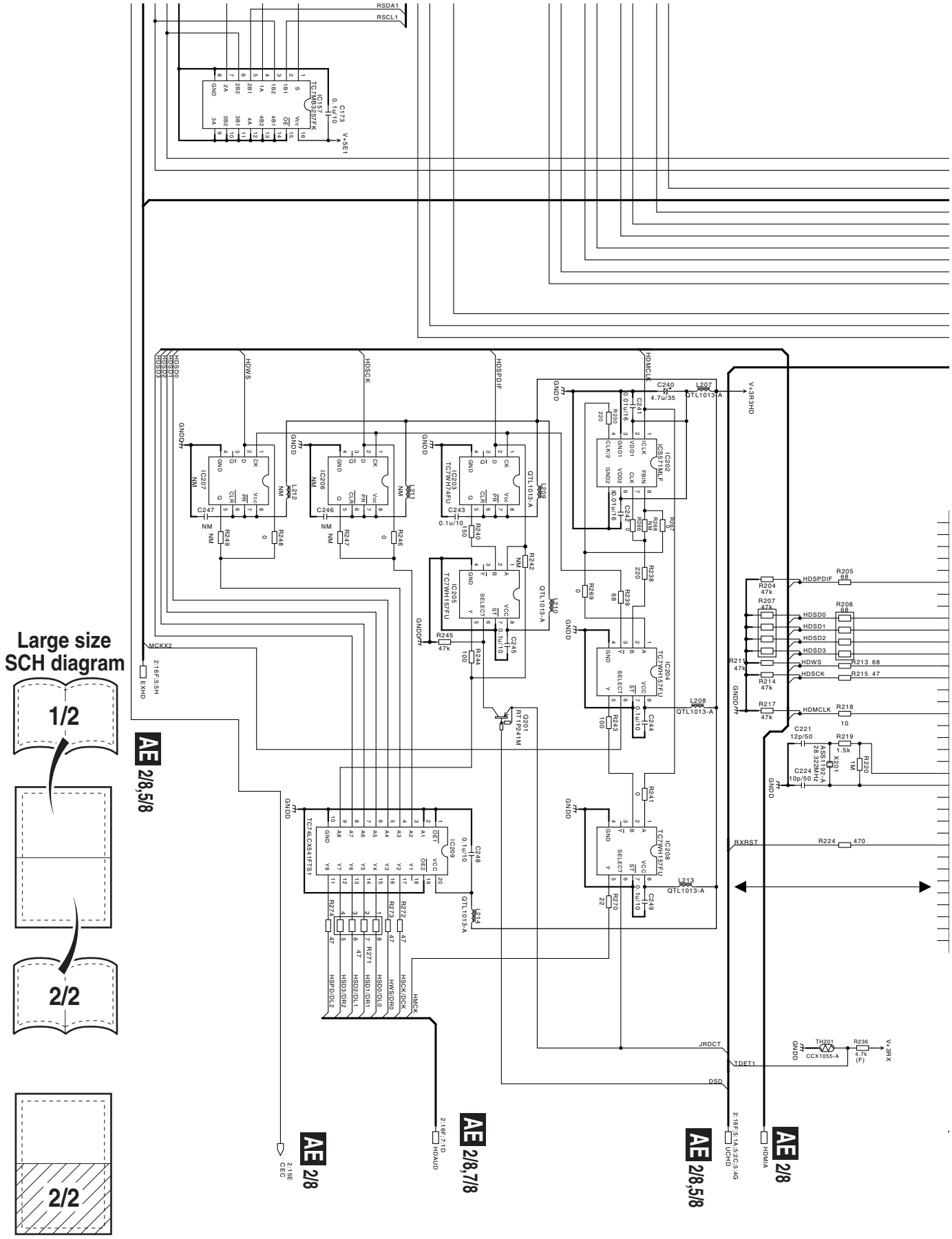
2/2

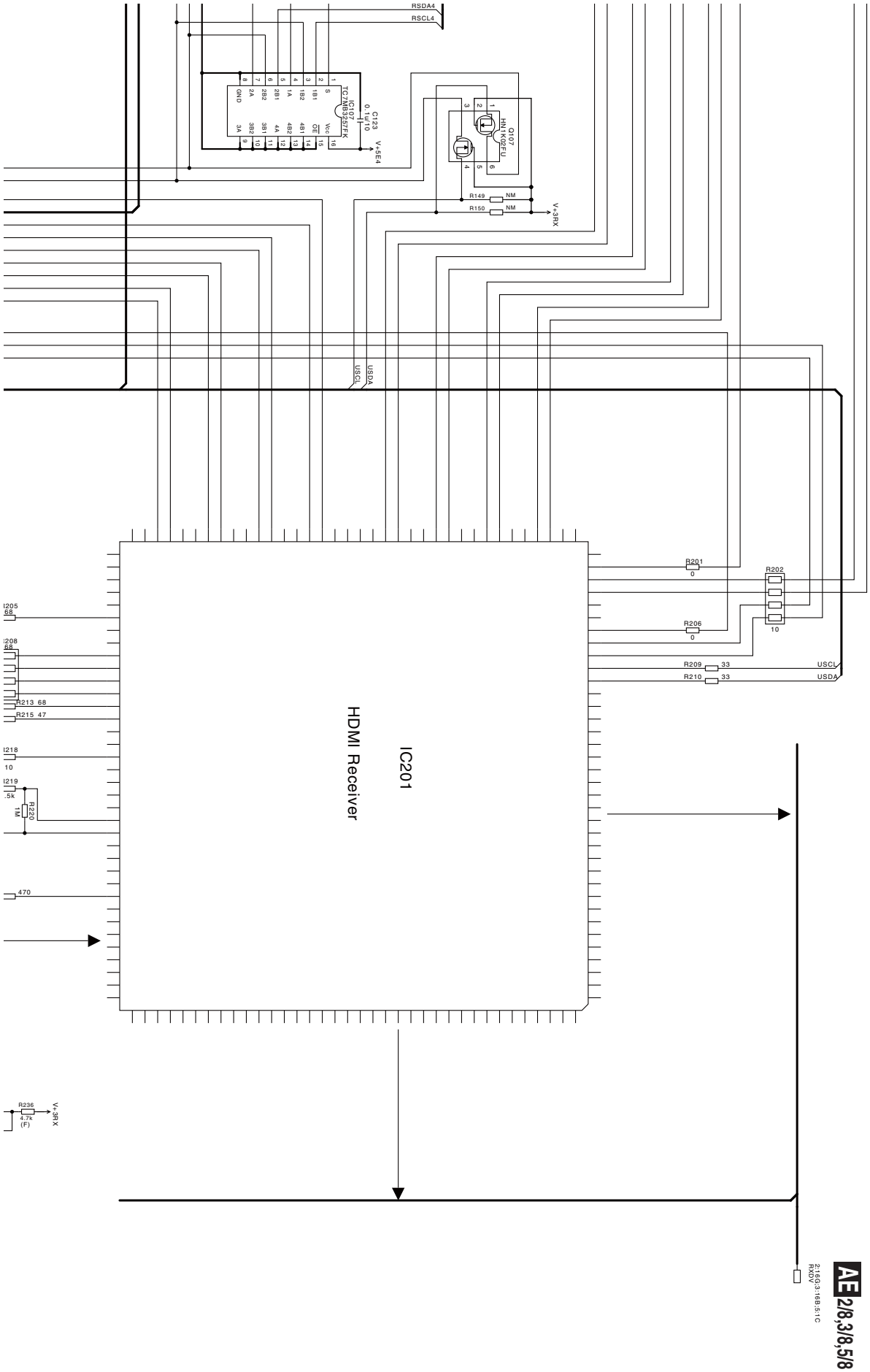
1/2



AE 1/8 HDMI ASSY (AWQ7038)

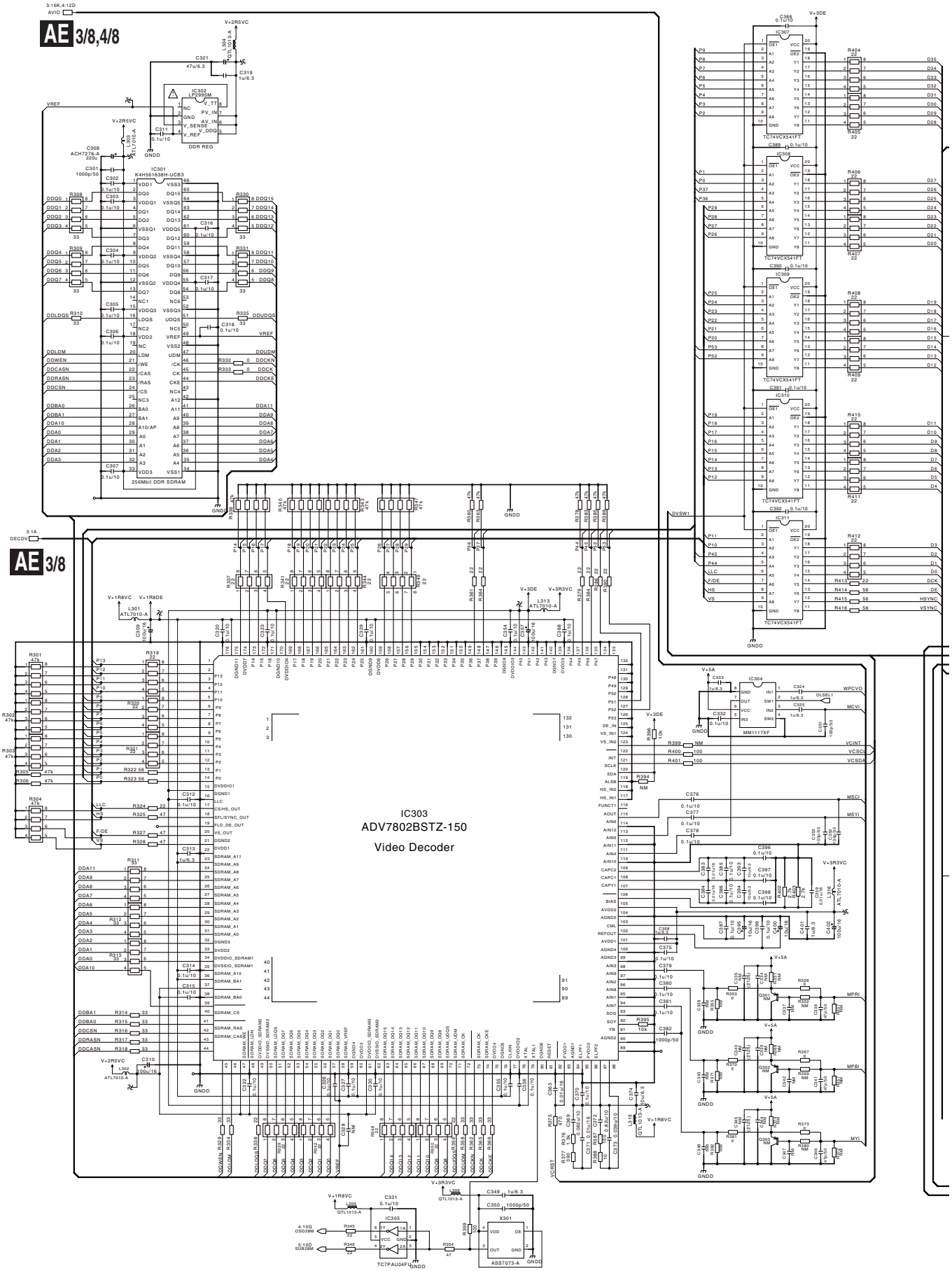



Large size SCH diagram
1/2
2/2
2/2
AE 2/8,5/8
AE 2/8
AE 2/8,7/8
AE 2/8,5/8
AE 2/8
AE 1/8

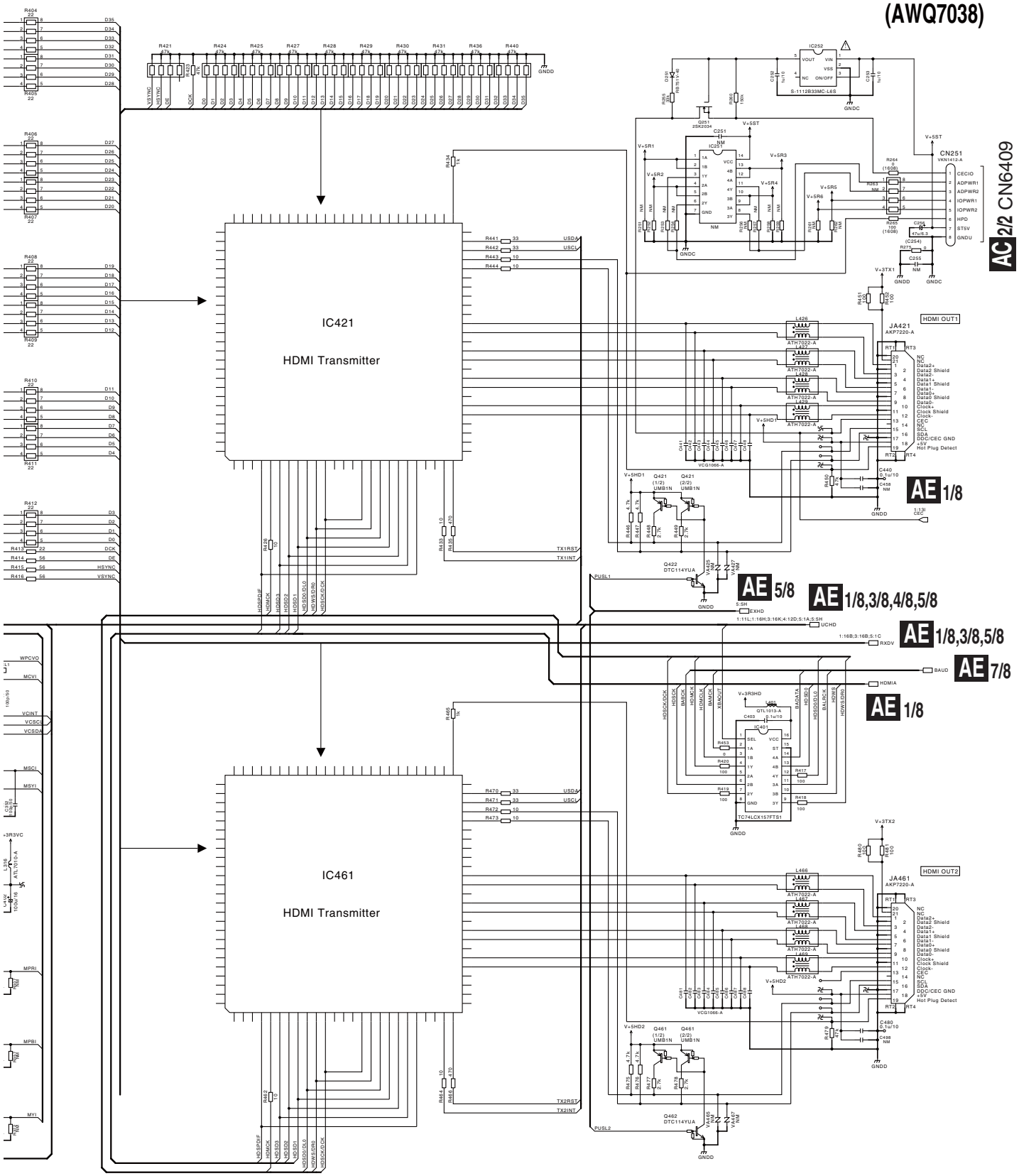

RSDA4
RSCL4
IC107
TC7NB257FK
C123
0.1u/10
V+5E4
Q107
HN1K02FU
R149 NM
R150 NM
V+3RX
USCL
USDA
R201 0
R202
R206 0
10
R209 33
R210 33
USCL
USDA
R213 68
R215 47
R218 10
R219 5k
R220 1M
470
HDMI Receiver
IC201
R236 4.7k (F)
V+3RX
2:16G-3:16B-5:1C
RXDV

AE 2/8,3/8,5/8

10.56 HDMI ASSY (2/8) (Guide page)



AE 2/8 HDMI ASSY (AWQ7038)



AC 2/2 CN6409

AE 1/8

AE 5/8

AE 1/8,3/8,4/8,5/8

AE 1/8,3/8,5/8

AE 7/8

AE 1/8

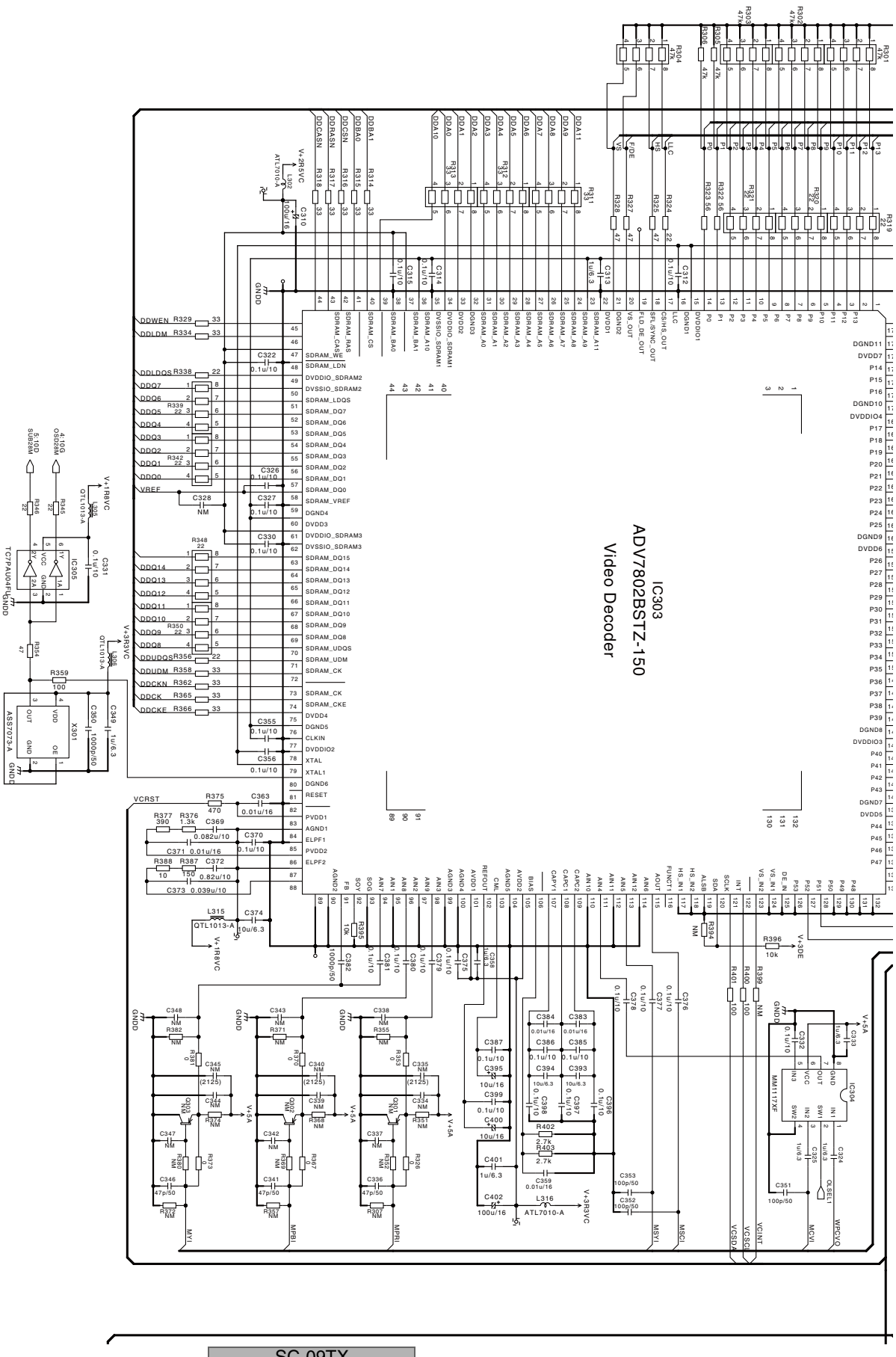
AE 2/8

Large size SCH diagram

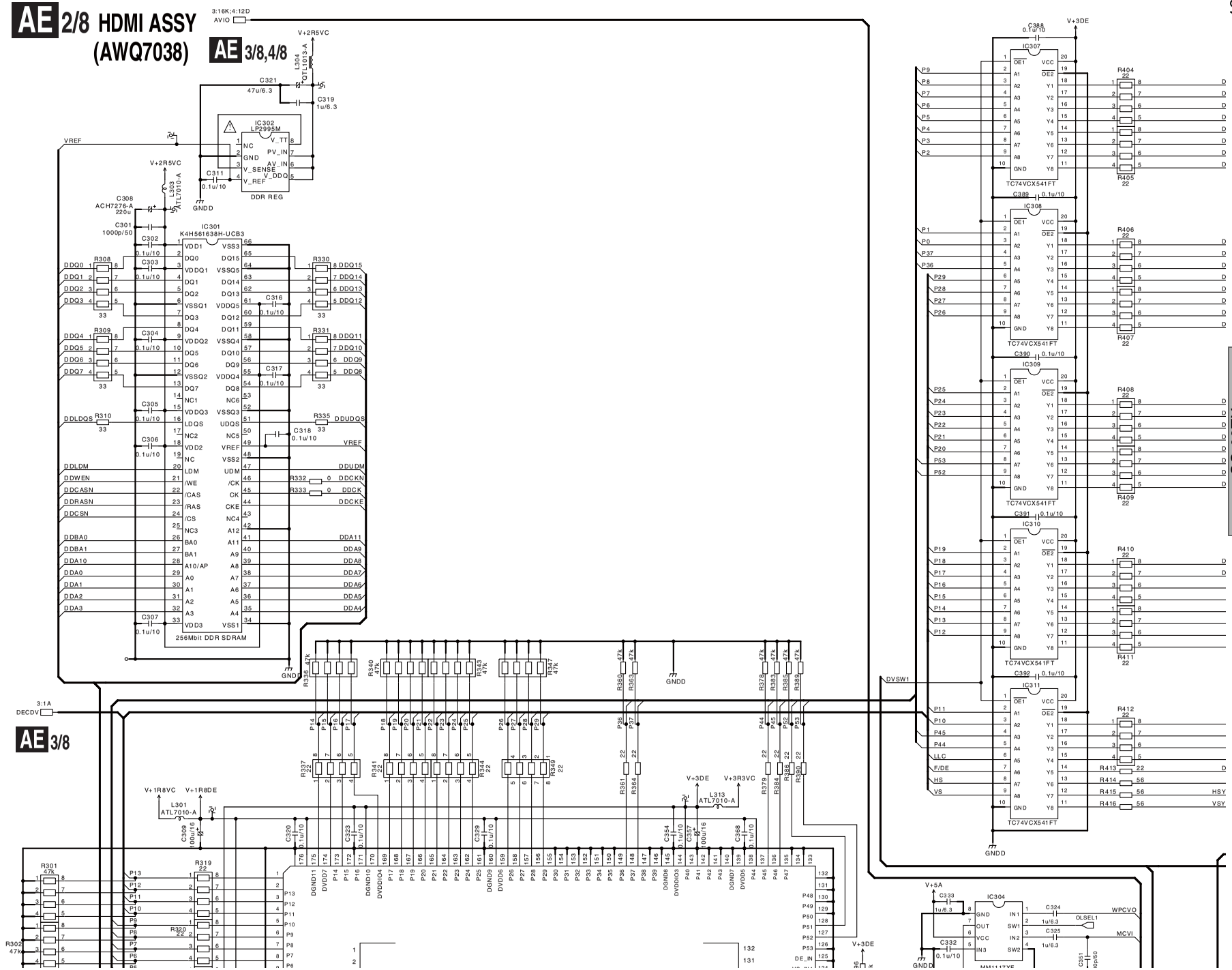
1/2

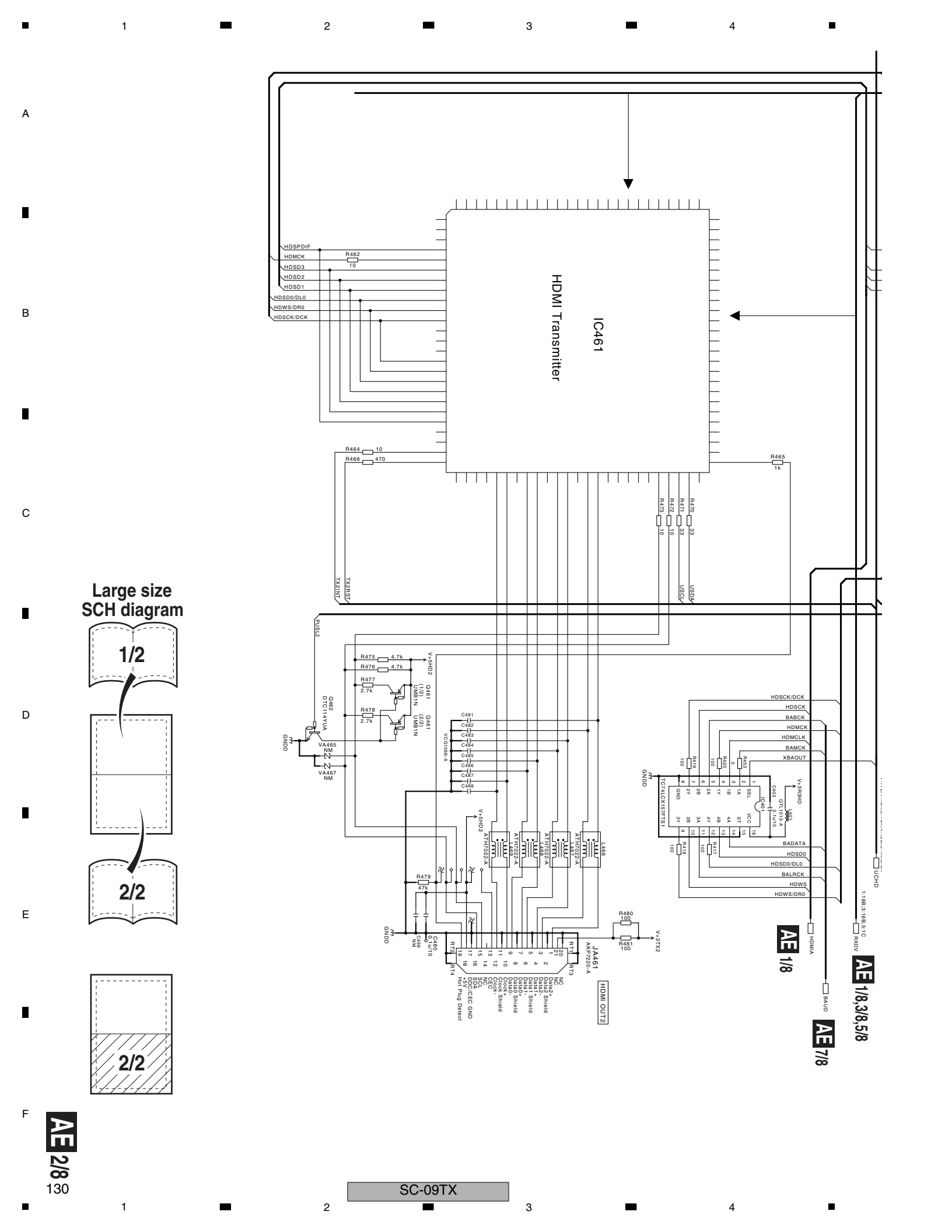
2/2

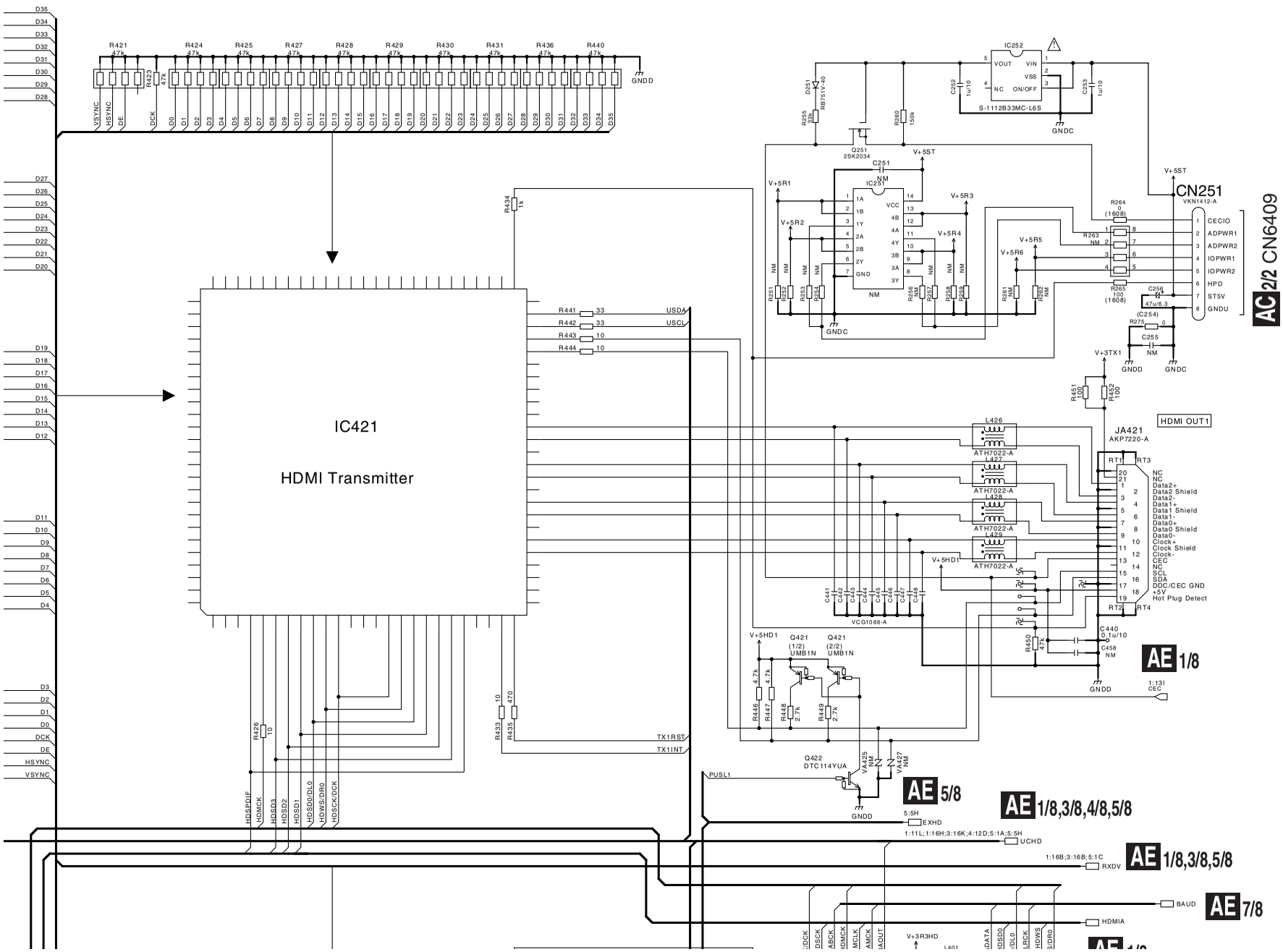
1/2



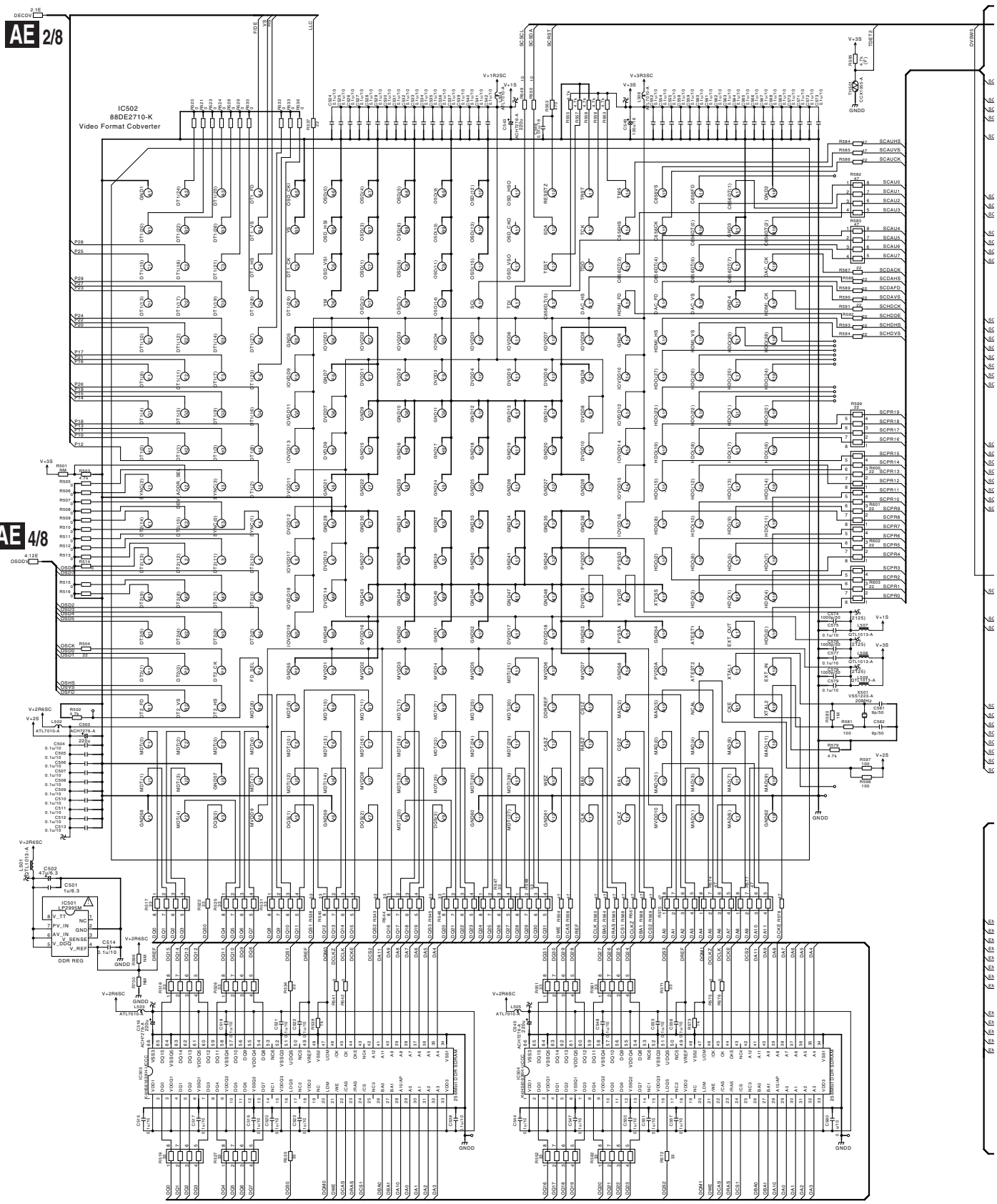
AE 2/8 HDMI ASSY (AWQ7038)

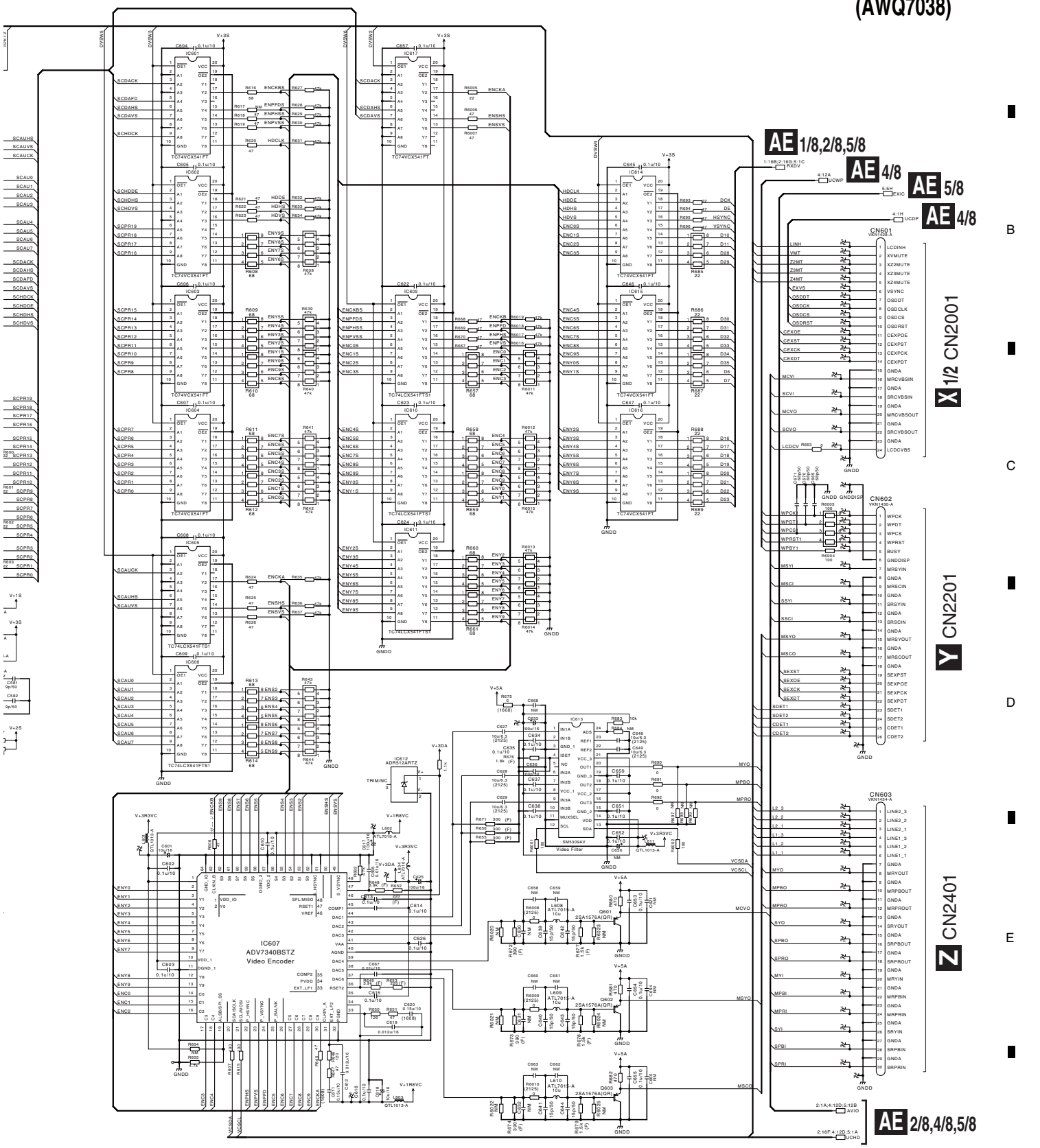



Large size SCH diagram
1/2
2/2
2/2
HDMI Transmitter
IC461
HDSPDIF
HDMCK
HDSD3
HDSD2
HDSD1
HDSD0/DL0
HDWS/DR0
HDSCK/DCK
R462 10
R464 10
R466 470
R465 1k
R473 10
R472 10
R471 33
R470 33
TX2INT
TX2RST
USCL
USDA
PWR12
R475 4.7k
R476 4.7k
R477 2.7k
R478 2.7k
Q461 (1/2) UMB1N
Q461 (2/2) UMB1N
Q462 DTC114YUA
V+5HD2
GNDD
VA465 NM
VA467 NM
C481
C482
C483
C484
C485
C486
C487
C488
VCG1066-A
R479 47k
C480 0.1u/10
C498 NM
ATH7022-A
L466
L468
L467
L469
R480 100
R481 100
V+3TX2
JA461 AK7220-A
HDMI OUT2
Hot Plug Detect
DDC/CEC GND
SDA
SCL
NC
Clock-
Clock Shield
Data0+
Data0- Shield
Data1+
Data1- Shield
Data2+
Data2- Shield
NC
5V Power
HDSCK/DCK
HDSCK
BABCK
HDMCK
HDMCLK
BAMCK
XBAOUT
R419 100
R420 100
R453 0
TC74LCX157FT(EL)
IC401
SEL
GND
VCC
C403 0.1u/10
OTL1013-A
V+3R3HD
R418 100
R417 100
BADATA
HDSD0
HDSD0/DL0
BALRCK
HDWS
HDWS/DR0
HDMIA
BAUD
UCHD
RXDV
1:16B:3:16B:5:1C
AE 1/8
AE 7/8
AE 1/8,3/8,5/8
AE 2/8
130
SC-09TX

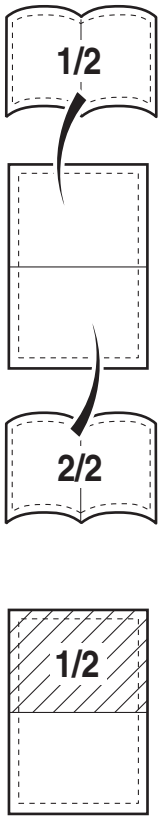

IC421
HDMI Transmitter
IC252
S-1112B33MC-L6S
IC251
CN251
VKN1412-A
CECIO
ADPWR1
ADPWR2
IOPWR1
IOPWR2
HPD
ST5V
GNDU
AC 2/2 CN6409
JA421
AKP7220-A
HDMI OUT1
Data2+
Data2 Shield
Data2-
Data1+
Data1 Shield
Data1-
Data0+
Data0 Shield
Data0-
Clock+
Clock Shield
Clock-
CEC
SCL
SDA
DDC/CEC GND
+5V
Hot Plug Detect
ATH7022-A
VCG1066-A
UMB1N
DTC114YUA
AE 1/8
AE 5/8
AE 1/8,3/8,4/8,5/8
AE 1/8,3/8,5/8
AE 7/8
EXHD
UCHD
RXDV
BAUD
HDMIA
USDA
USCL
TX1RST
TX1INT
PUSL1
HDSPDIF
HDMCK
HDSD3
HDSD2
HDSD1
HDSD0/DL0
HDWS/DR0
HDSCK/DCK
GNDD
GNDC
V+5ST
V+5R1
V+5R2
V+5R3
V+5R4
V+5R5
V+5R6
V+5HD1
V+3TX1
V+3R3HD

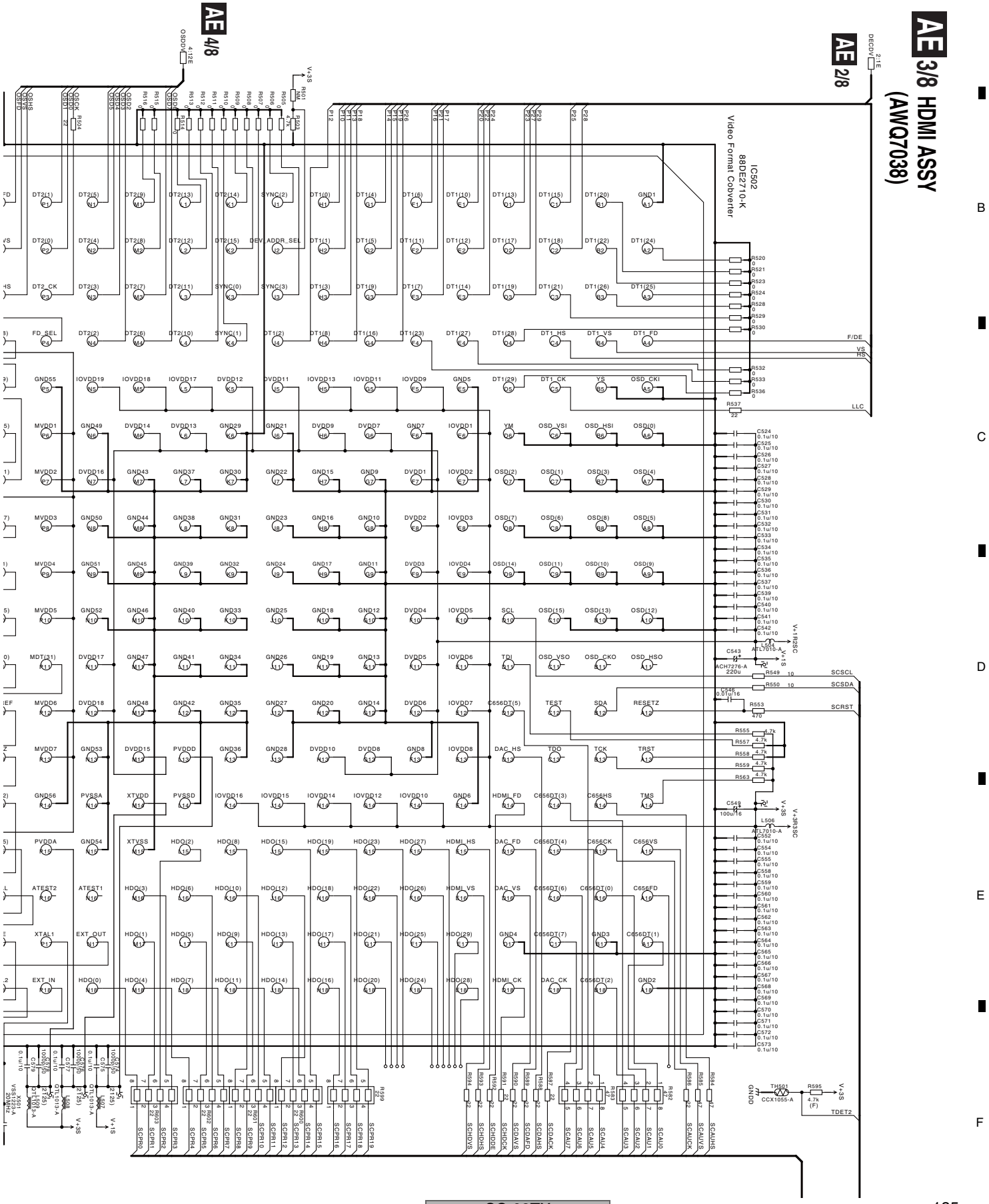
10.57 HDMI ASSY (3/8) (Guide page)

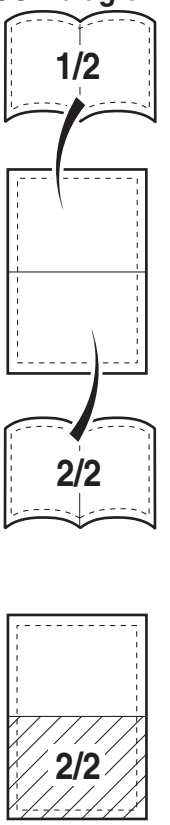


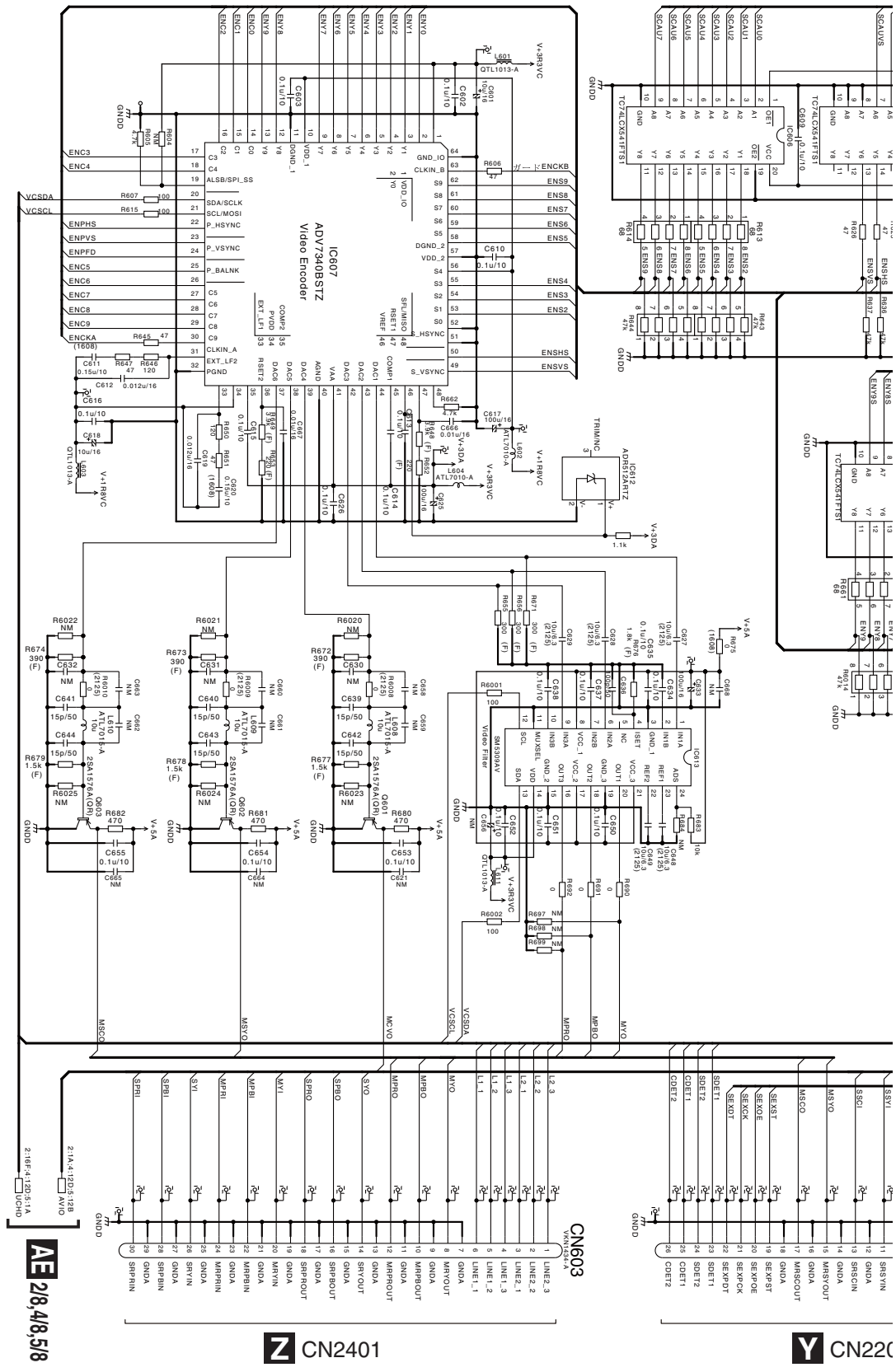

IC607
ADV7340BSTZ
Video Encoder
IC612
ADR512ARTZ
IC613
SM5309AV
Video Filter
CN601
VKN1428-A
CN602
VKN1430-A
CN603
VKN1434-A
AE 1/8,2/8,5/8
AE 4/8
AE 5/8
AE 4/8
X 1/2 CN2001
Y CN2201
Z CN2401
AE 2/8,4/8,5/8
AE 3/8

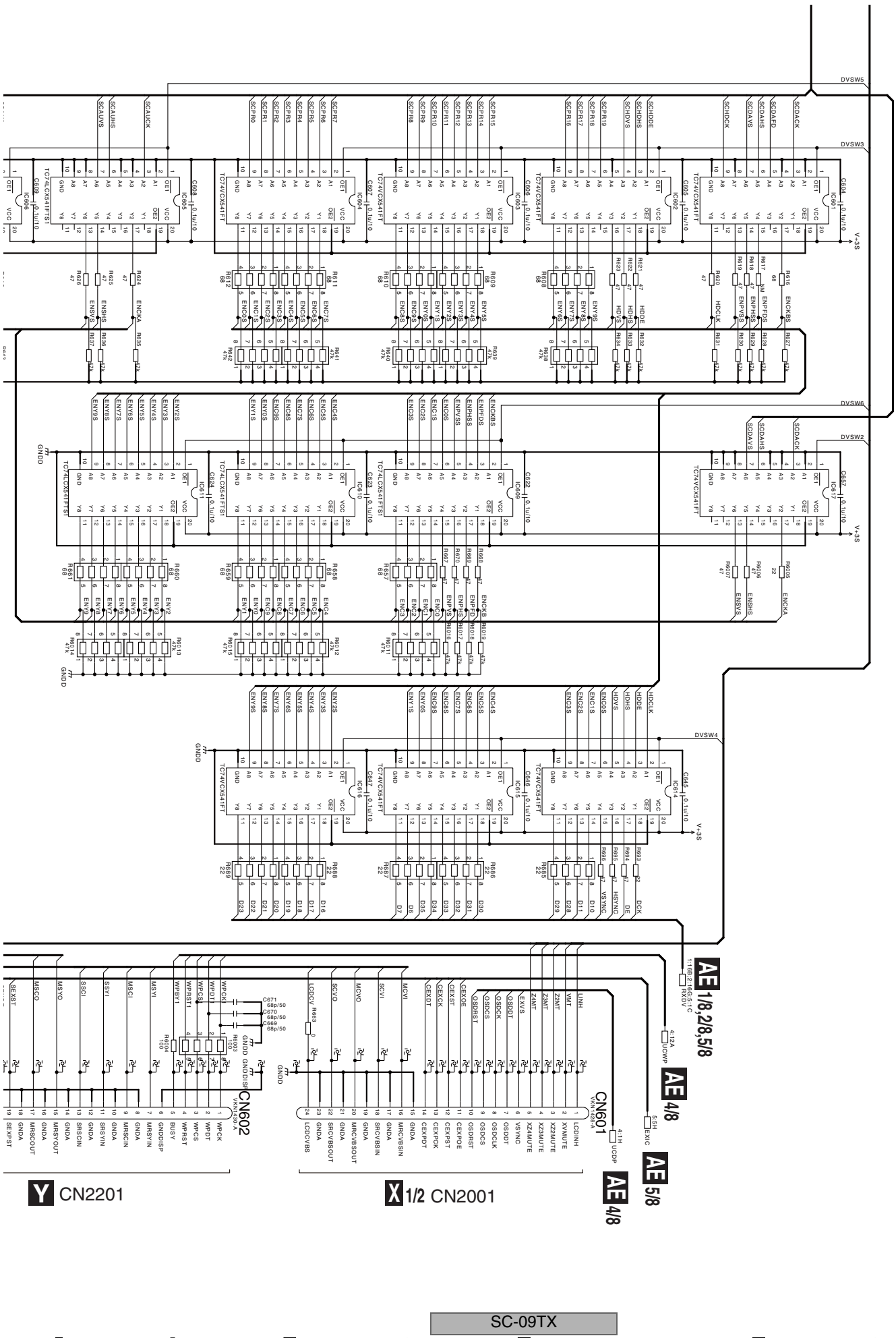
Large size SCH diagram



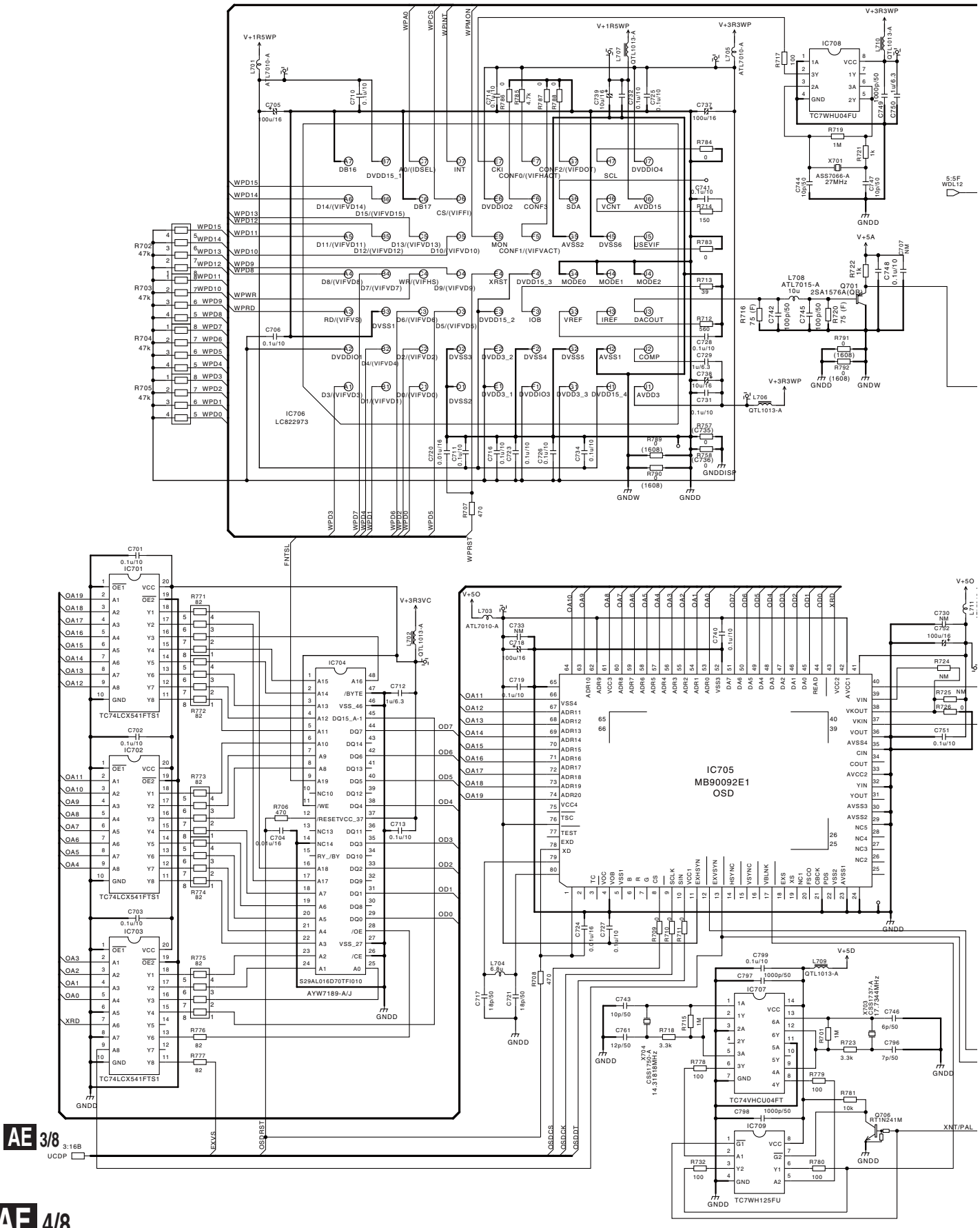

AE 4/8
AE 2/8
IC502
88DE2710-K
Video Format Cobverter
F/DE
VS
HS
LLC
SCSCL
SCSDA
SCRST
V+1R25C
V+1S
V+3S
V+3R3SC
TDET2
GND


Large size
SCH diagram
1/2
2/2
2/2


IC607
ADV7340BSTZ
Video Encoder
IC612
ADR512ARTZ
IC613
SM3094V
Video Filter
CN603
VKN1434-A
Z CN2401
Y CN22(
AE 2/8,4/8,5/8

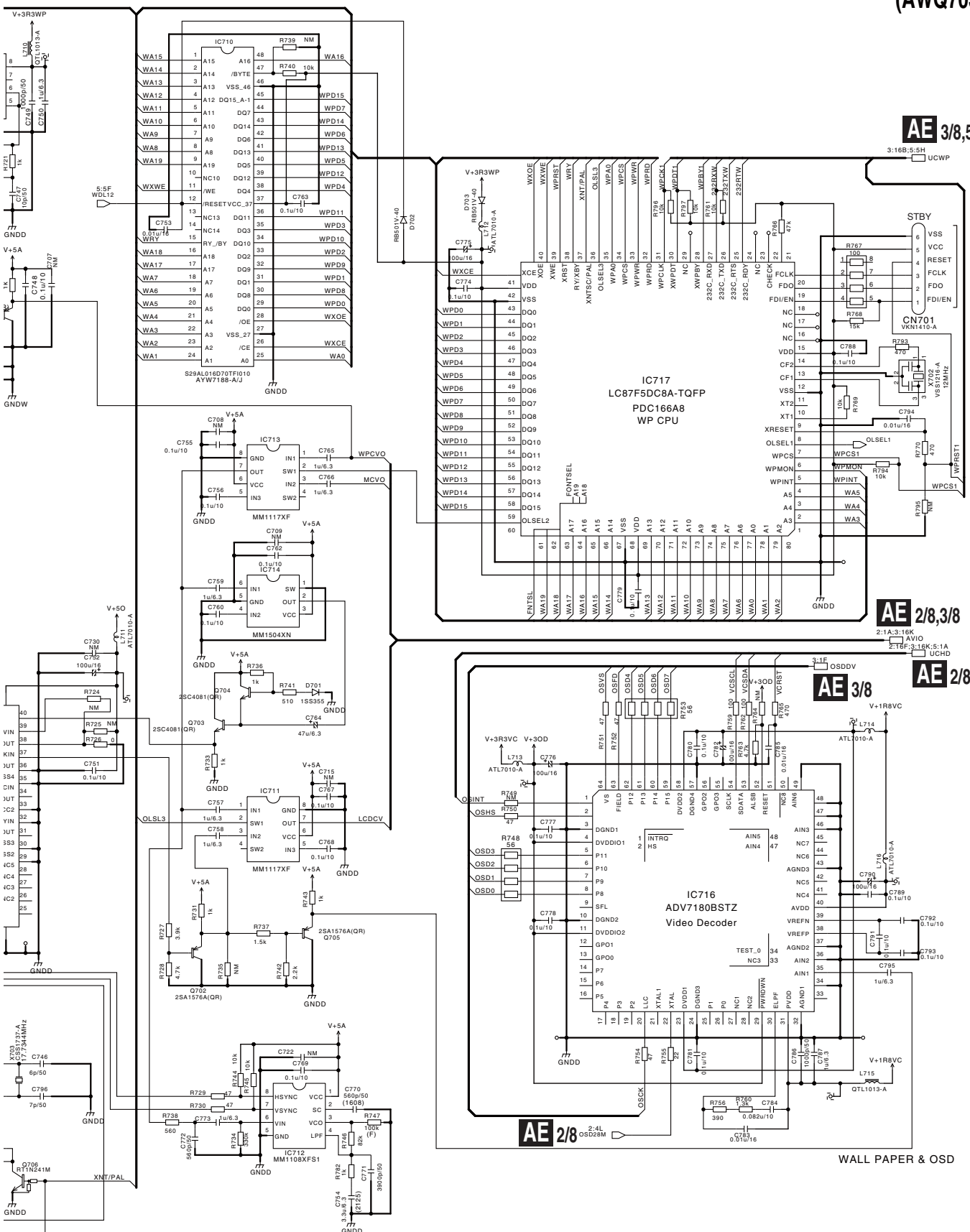

AE 1/8,2/8,5/8
AE 4/8
AE 5/8
AE 4/8
Y CN2201
X 1/2 CN2001
CN602
CN601
DVSW5
DVSW3
DVSW6
DVSW2
DVSW4
V+3S
GNDD

10.58 HDMI ASSY (4/8)

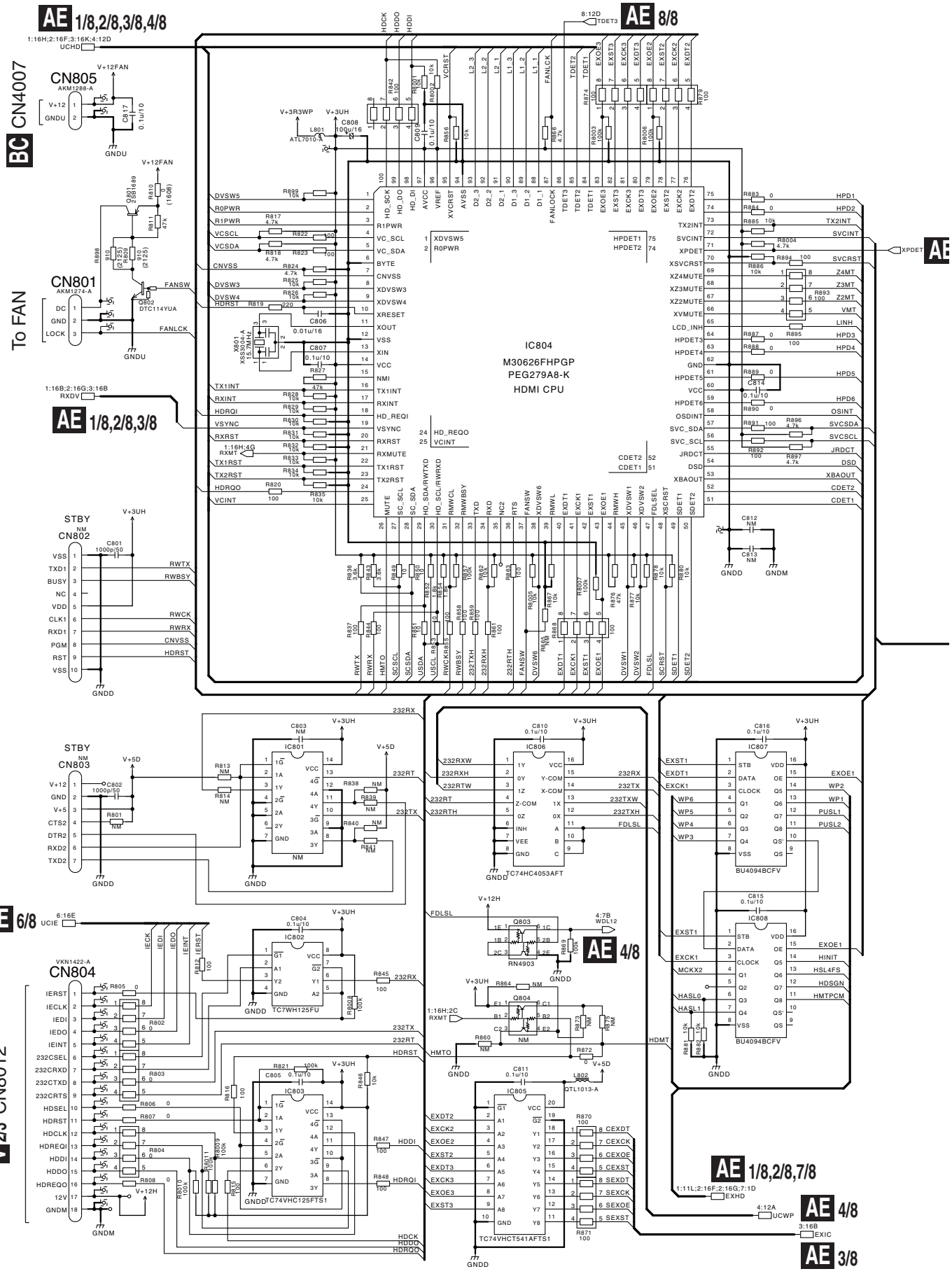


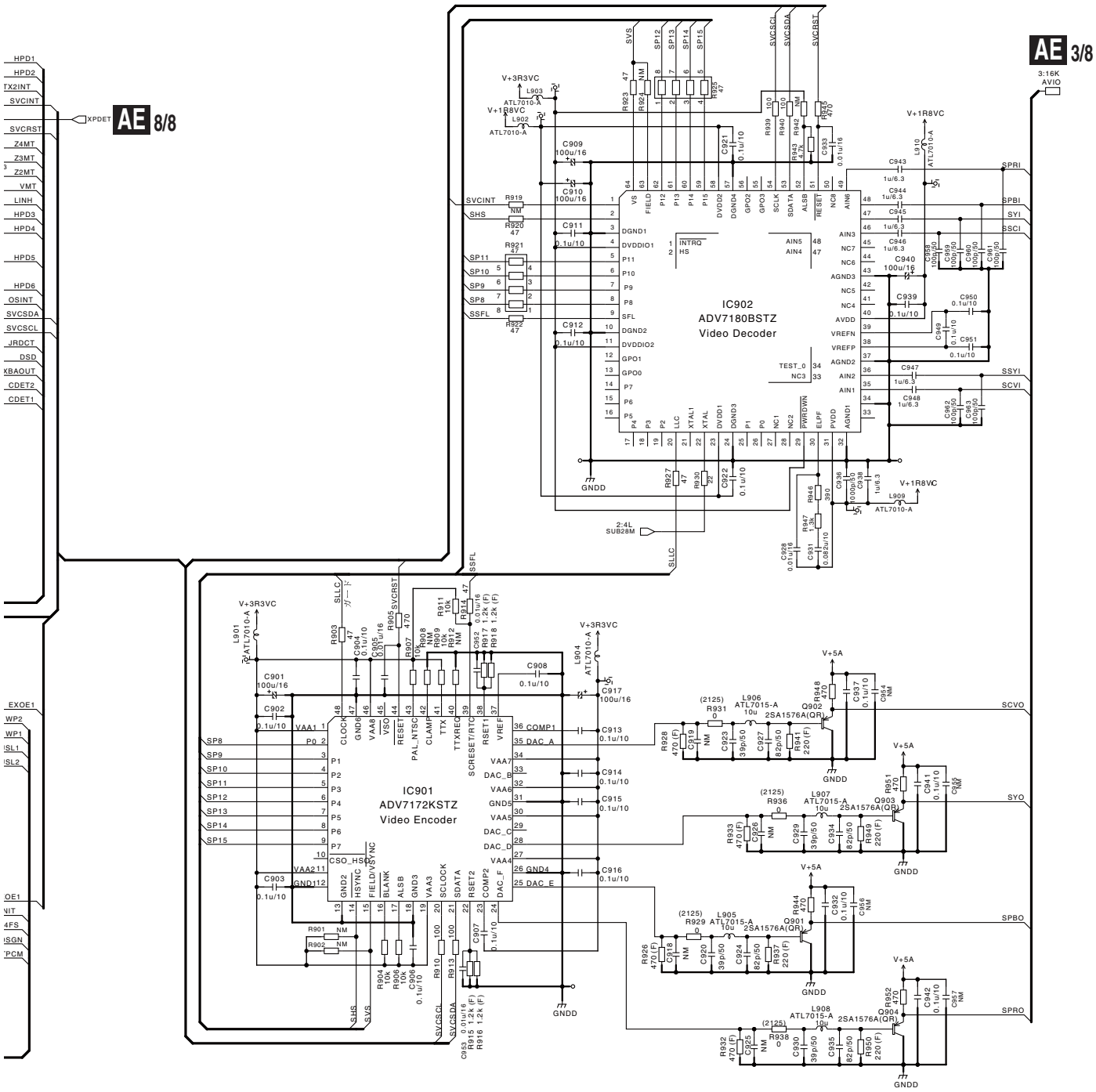
AE 3/8

AE 4/8


AE 3/8,5/8
AE 2/8,3/8
AE 2/8,3/8,5/5
AE 3/8
AE 2/8
AE 4/8
IC717
LC87F5DC8A-TQFP
PDC166A8
WP CPU
IC716
ADV7180BSTZ
Video Decoder
CN701
VKN1410-A
STBY
IC710
S29AL016D70TFI010
AYW7188-A/J
IC711
MM1117XF
IC712
MM1108XFS1
IC713
MM1117XF
IC714
MM1504XN
Q702
2SA1576A(QR)
Q703
2SC4081(QR)
Q704
2SC4081(QR)
Q705
2SA1576A(QR)
Q706
R1N241M
D701
1SS355
D702
RB501V-40
D703
RB501V-40
X702
VSS1216-A
12MHz
X703
CSTLS27.37-A
27.37444MHz
V+3R3WP
V+5A
V+5O
V+3R3VC
V+3OD
V+1R8VC
GNDD
GNDW
WPCVO
MCVO
LCDCV
OLSL3
XNT/PAL
WPRST1
WPCS1
OLSEL1
FONTSEL
OSINT
OSHS
OSCK
OSDV
UCWP
AVIO
UCHD
WALL PAPER & OSD

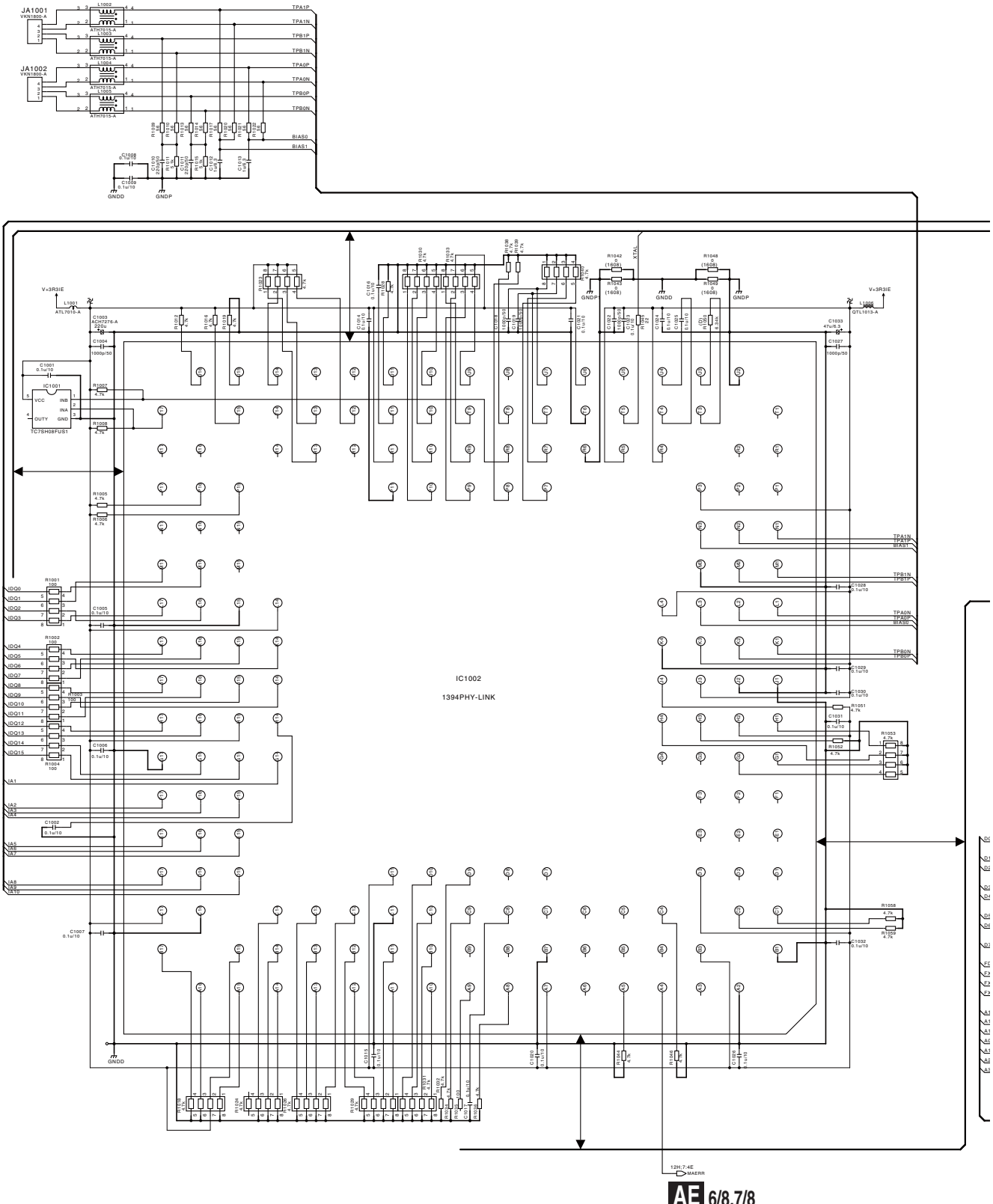
10.59 HDMI ASSY (5/8)

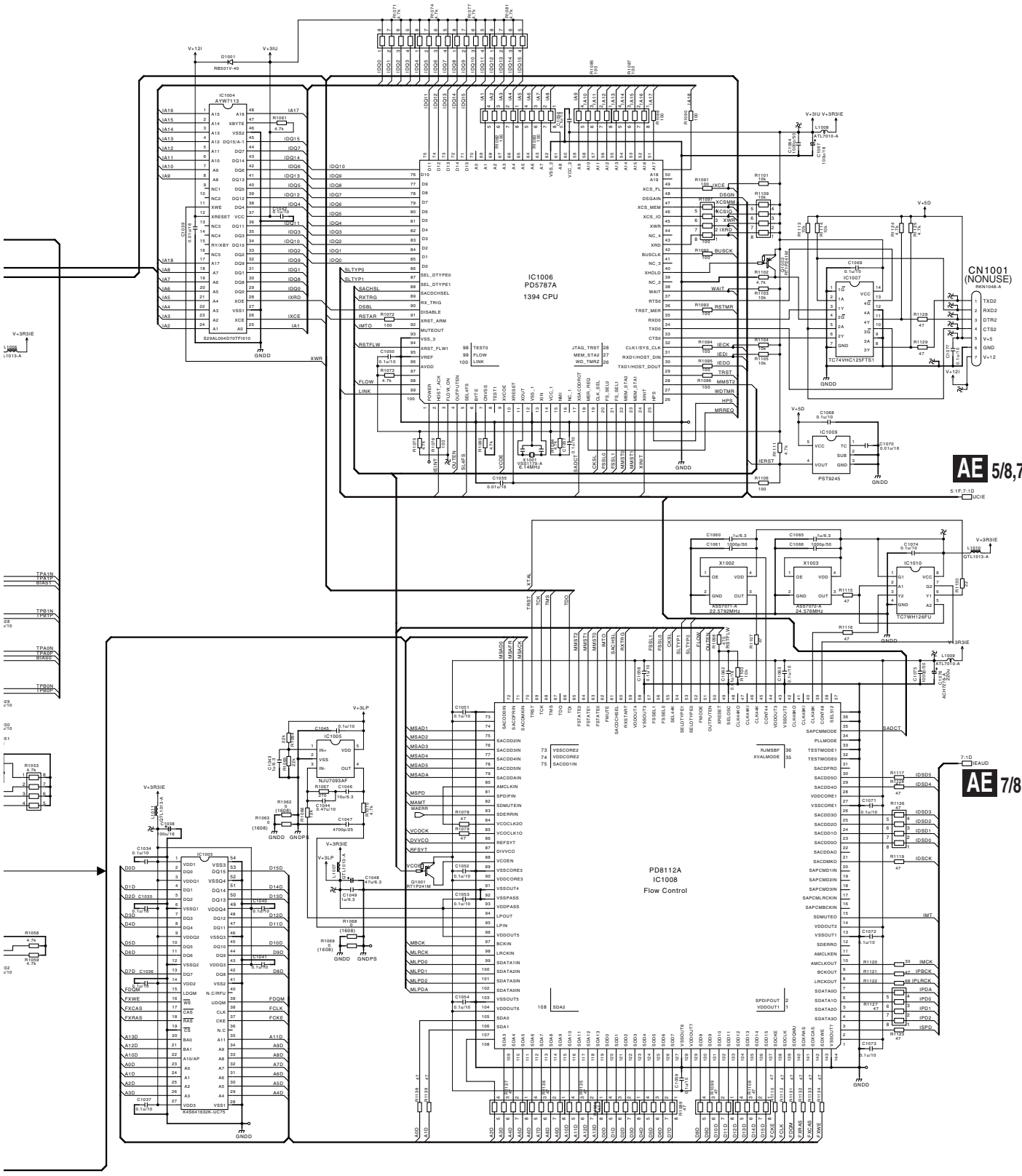




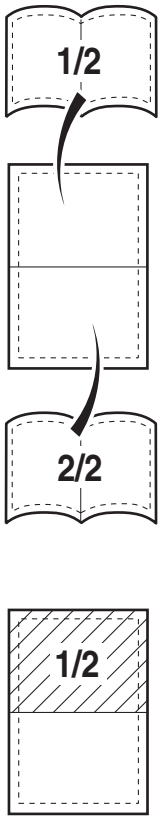
HDMI CPU & SUB DVC

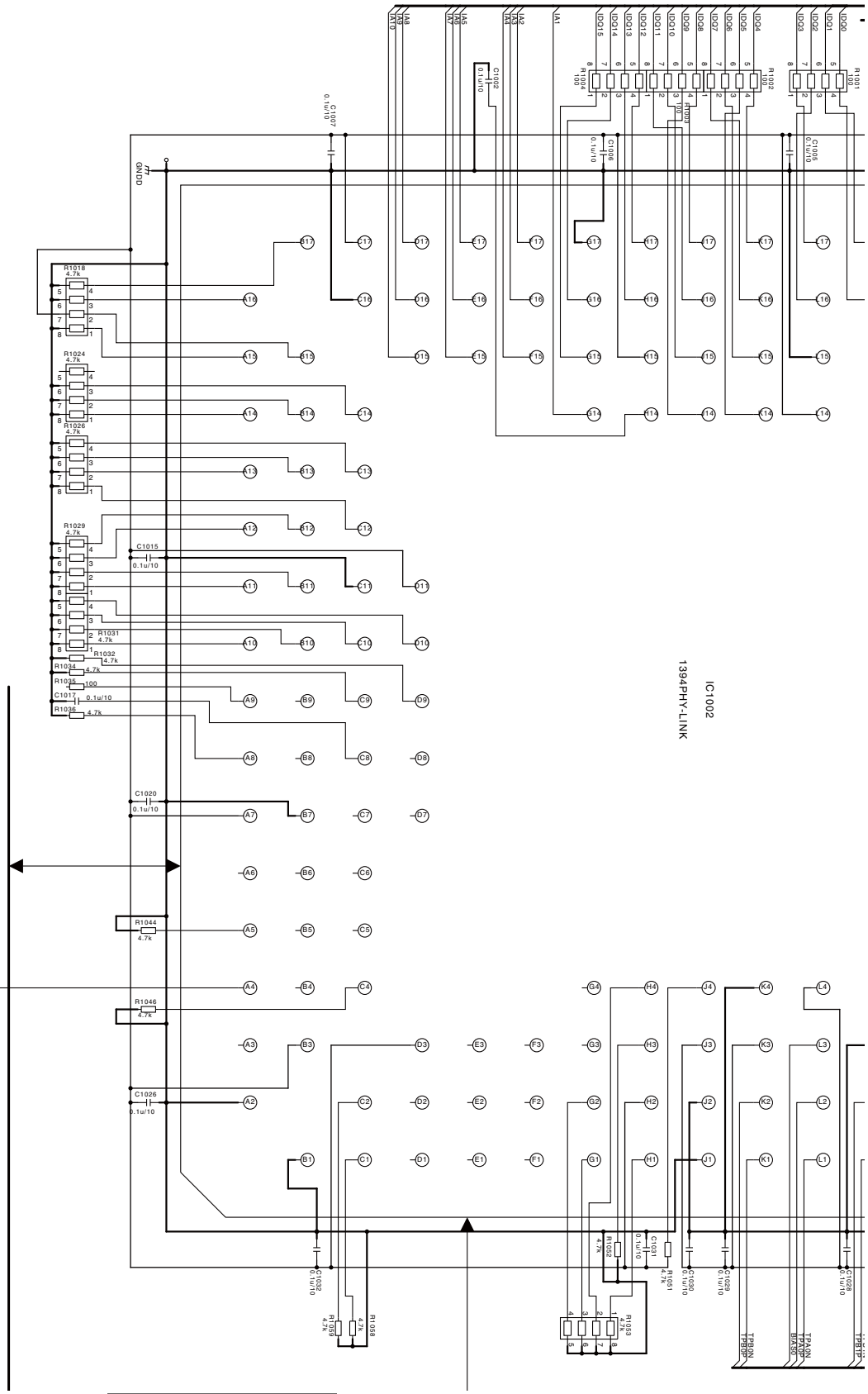
10.60 HDMI ASSY (6/8) (Guide page)

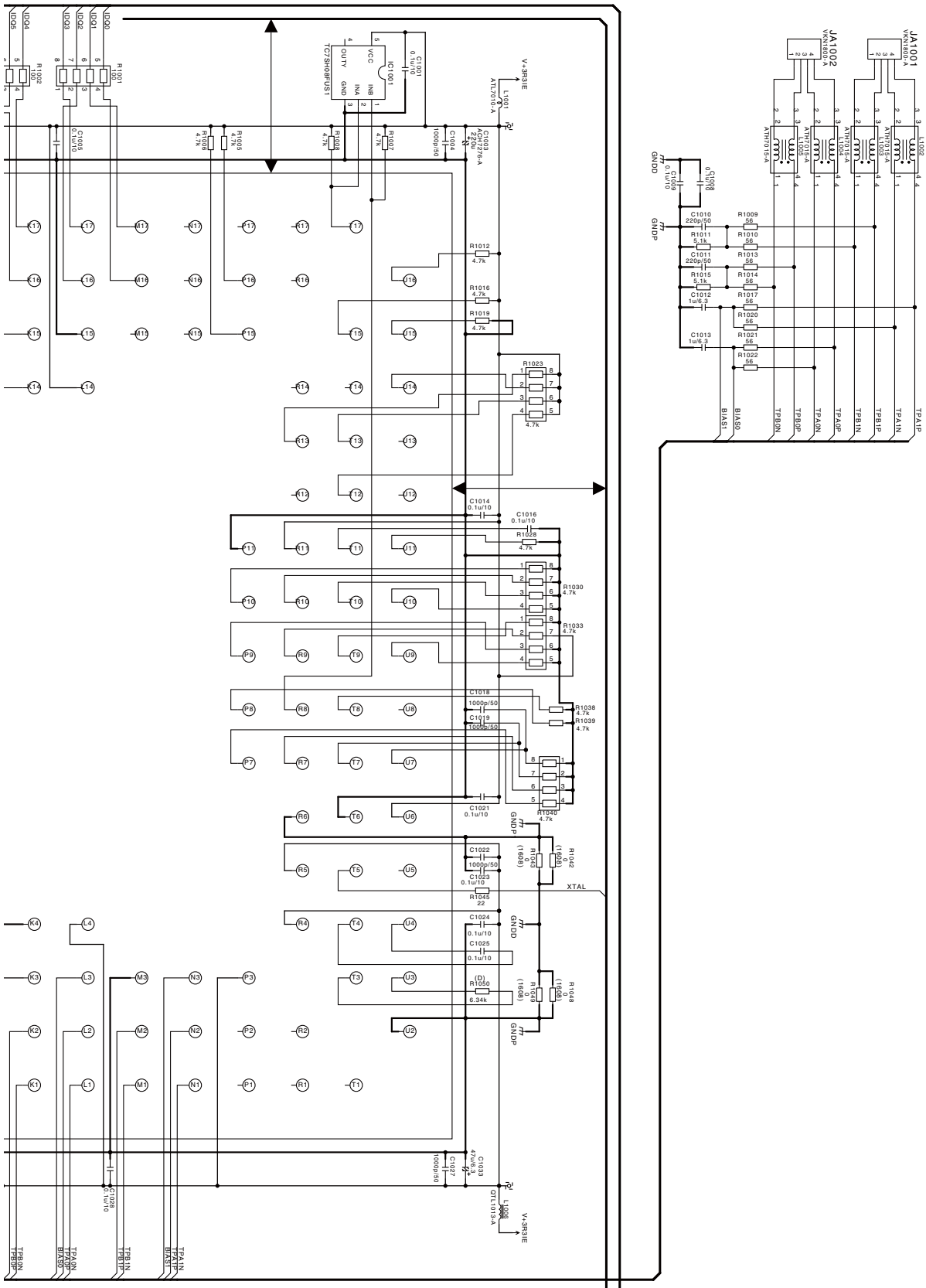


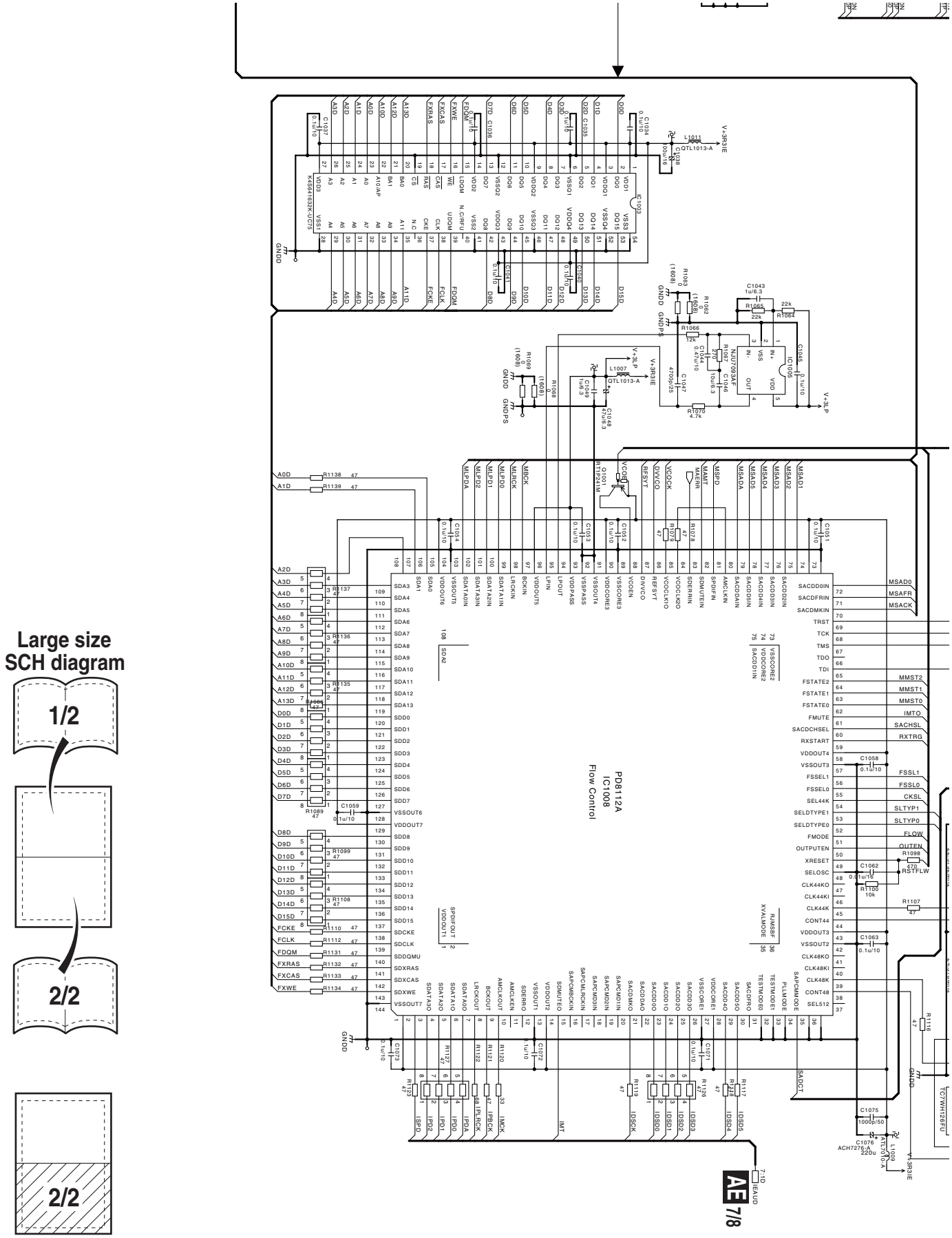

IC1006
PD5787A
1394 CPU
IC1004
AYW7113
S29AL004D70TFI010
IC1003
K4S641632K-UC75
IC1005
NJU7093AF
IC1008
PD8112A
Flow Control
IC1009
PST9245
IC1007
TC74VHC125FTS1
CN1001
(NONUSE)
RKN1048-A
TC7WH126FU
X1002
22.5792MHz
X1003
24.576MHz
X1001
6.144MHz
Q1001
HT1P24M
V+12I
V+3IU
V+3R3IE
V+5D
V+3LP
V+12I
GNDD
GNDPS
AE 5/8,7/8
AE 7/8
AE 6/8

Large size SCH diagram



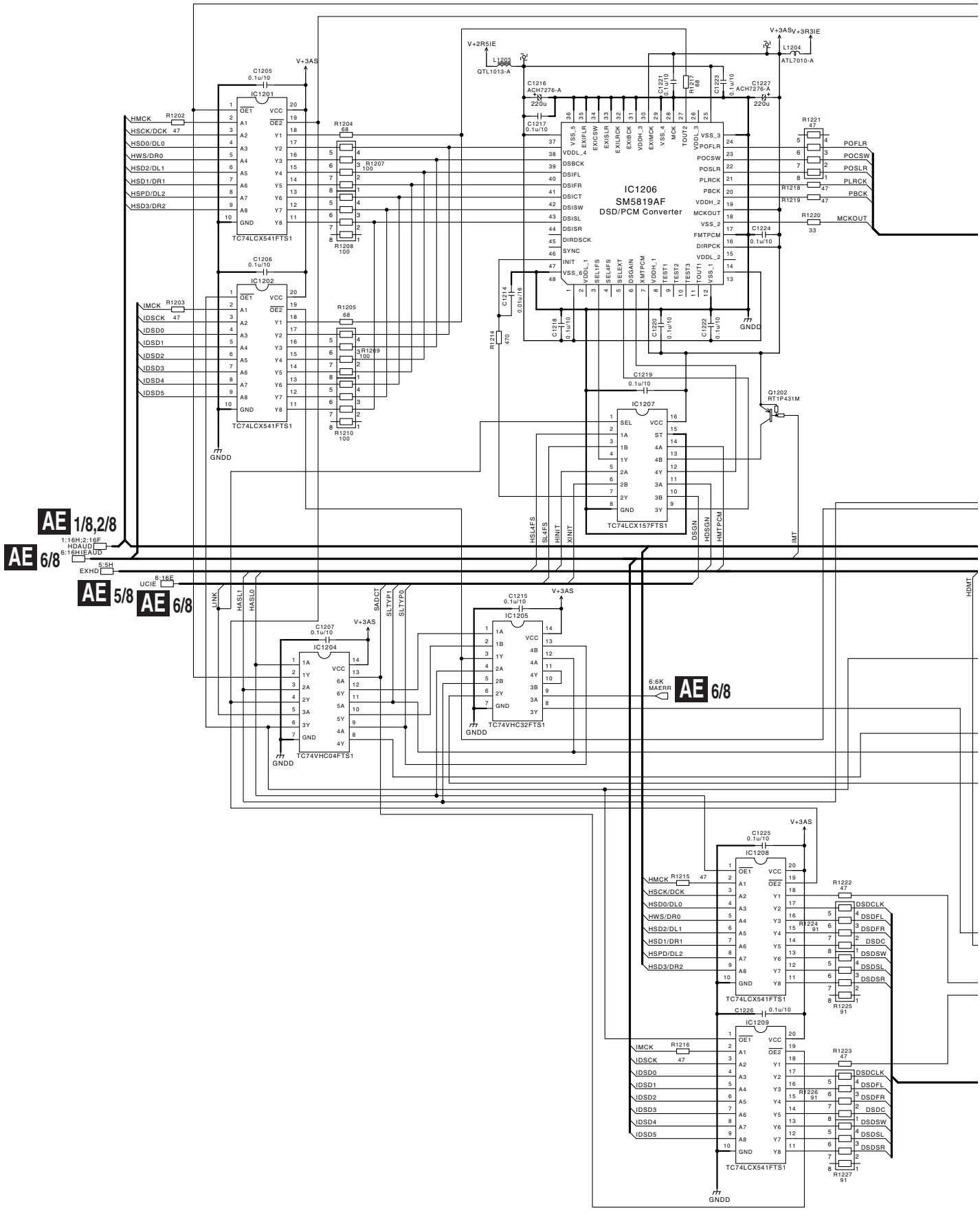



IC1001
TC7SH08FU(S1
L1001
ATL7010-A
L1002
QTL1013-A
JA1001
VKN1800-A
JA1002
VKN1800-A
ATH7015-A
V+3R3IE
GNDD
GNDP
XTAL
BIAS1
BIAS0
TPB0N
TPB0P
TPA0N
TPA0P
TPB1N
TPB1P
TPA1N
TPA1P

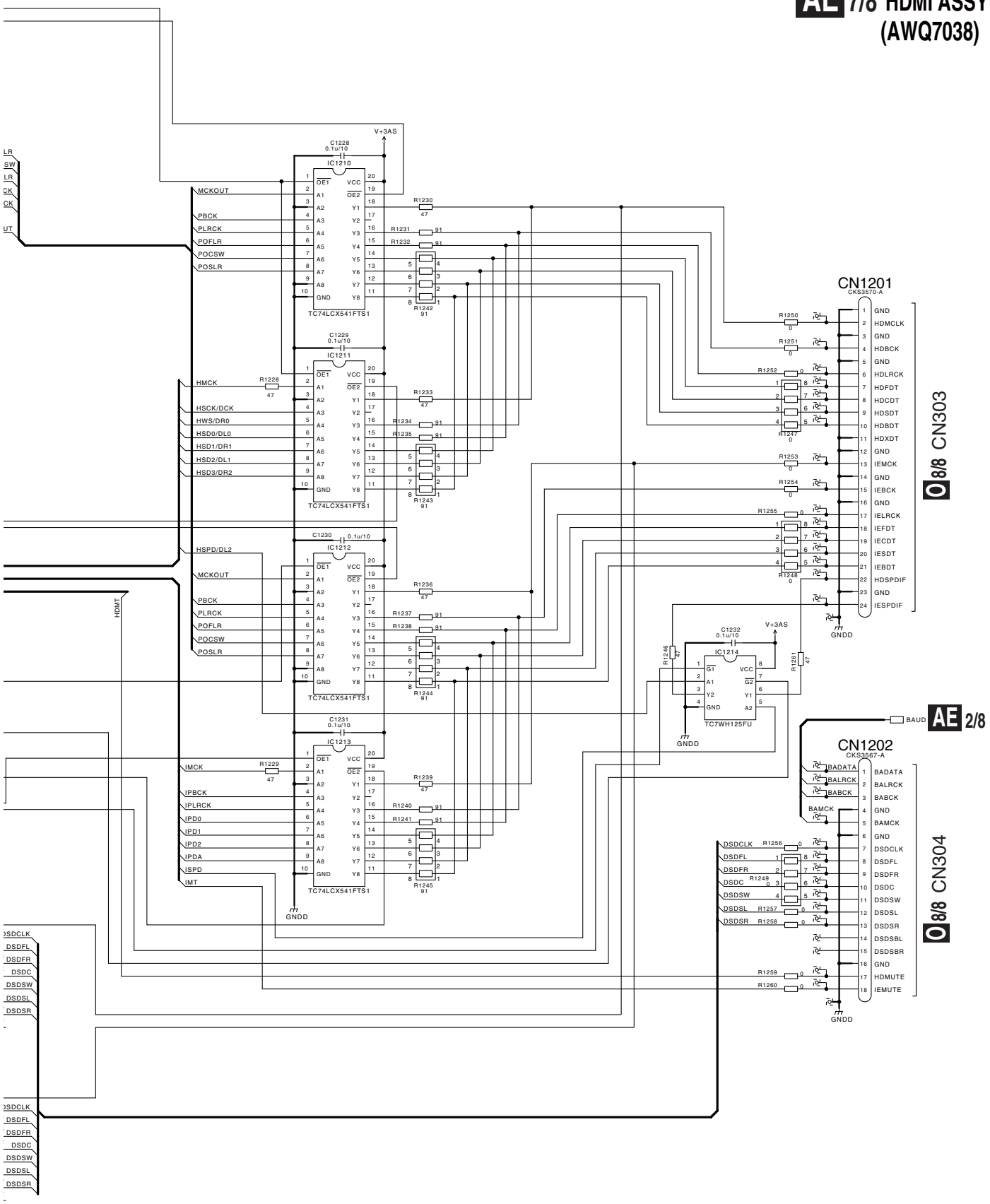

PD8112A
IC1008
Flow Control
Large size
SCH diagram
1/2
2/2
2/2
AE 7/8
AE 6/8

IC1006
PD5787A
1394 CPU
IC1004
AYW7113
S29AL004D70TF1010
CN1001
(NONUSE)
RKN1048-A
AE 5/8,7/8
X1002
X1003
IC1010
TC7WH126FU
IC1009
PST9245
IC1007
TC74VHC125FTS
Q1002
RT1P241M
D1001
RB501V-40
X1001-A
X1004-A
X1005-A
L1009
L1010
L1011
L1012
V+12I
V+3IU
V+3R3IE
V+5D
V+5D
V+12
GNDD
GNDD
GNDD
GNDD
XWR
XRD
XCS_MEM
XCS_IO
XCS_FL
DSGAIN
MSAD0
MSAFR
MSACK
TRST
TCK
TMS
TDO
XTAL
MMST2
MMST1
MMST0
IMTO
SACHSL
RXTRG
FSSL1
FSSL0
CKSL
SLTYP1
SLTYP0
FLOW
OUTEN
RSTFLW
SADCT
XINIT
IERST
IEINT
OUTEN
SL4FS
VCOE
MRREQ
HPS
WAIT
BUSCLK
IXCE
IXRD
IXWR
IECK
IEDO
IEDI
TRST
RSTMR
WDTMR
MMST2
IA1
IA2
IA3
IA4
IA5
IA6
IA7
IA8
IA9
IA10
IA11
IA12
IA13
IA14
IA15
IA16
IA17
IA18
IDQ0
IDQ1
IDQ2
IDQ3
IDQ4
IDQ5
IDQ6
IDQ7
IDQ8
IDQ9
IDQ10
IDQ11
IDQ12
IDQ13
IDQ14
IDQ15

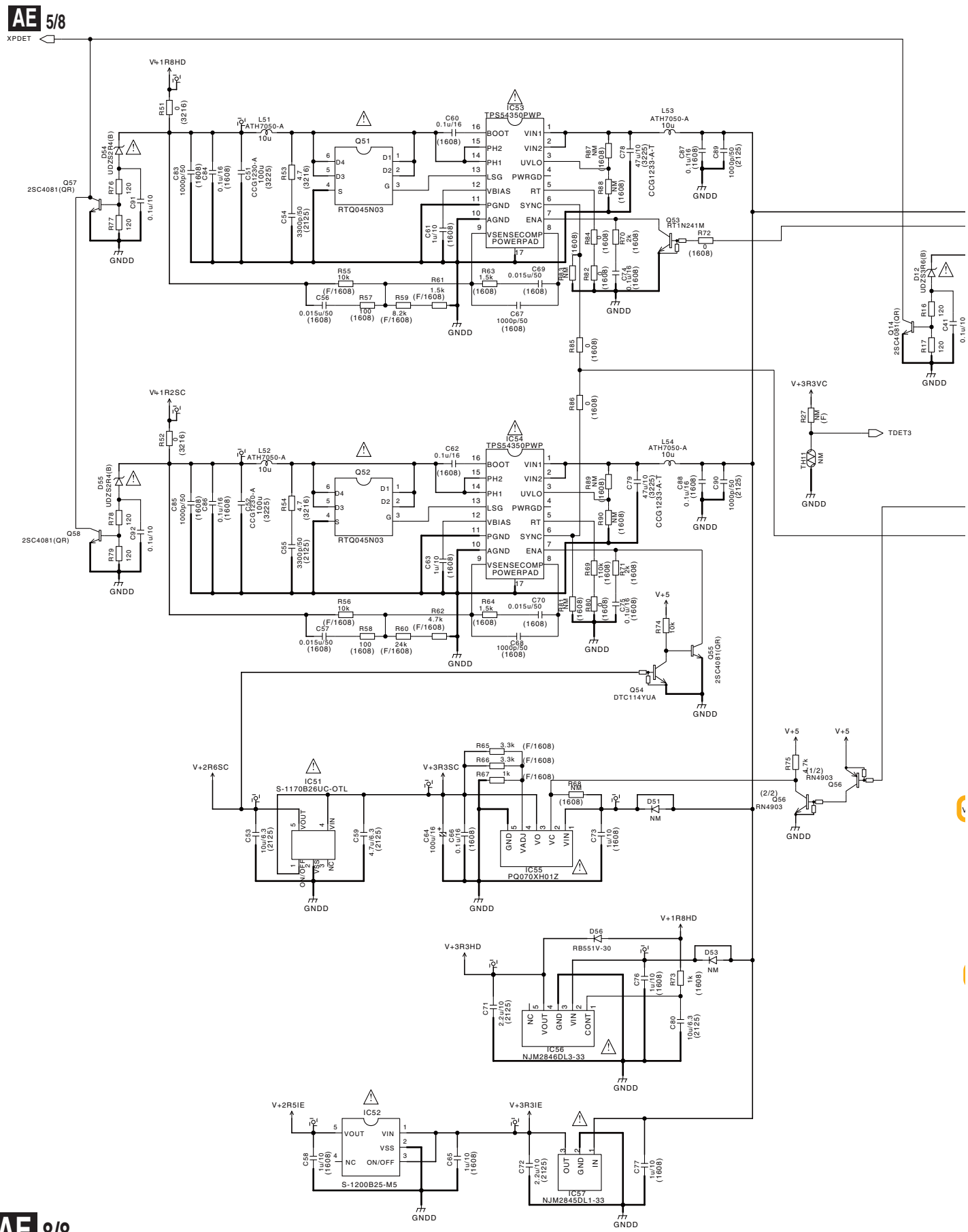
10.61 HDMI ASSY (7/8)

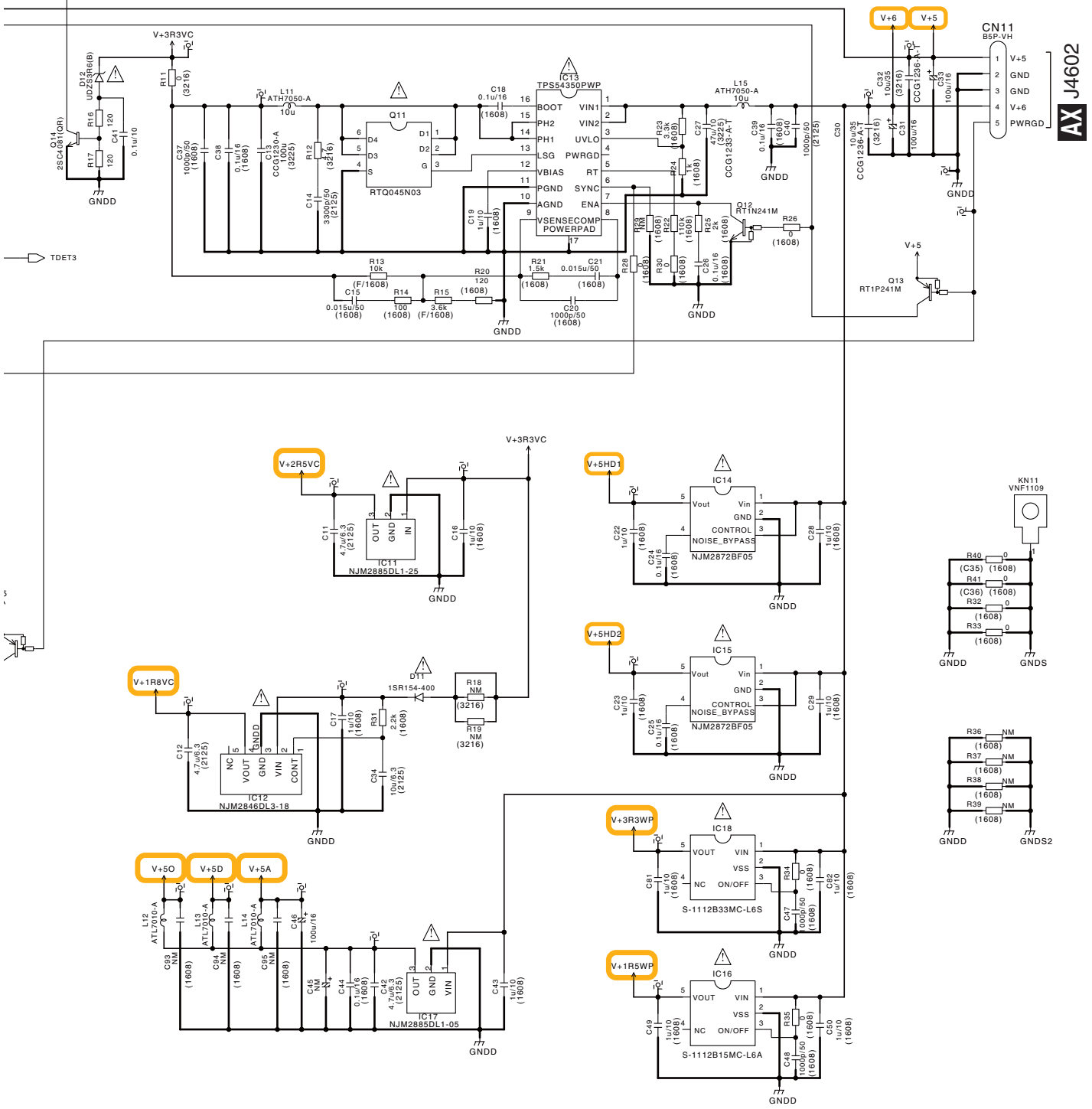


AE 7/8 HDMI ASSY (AWQ7038)

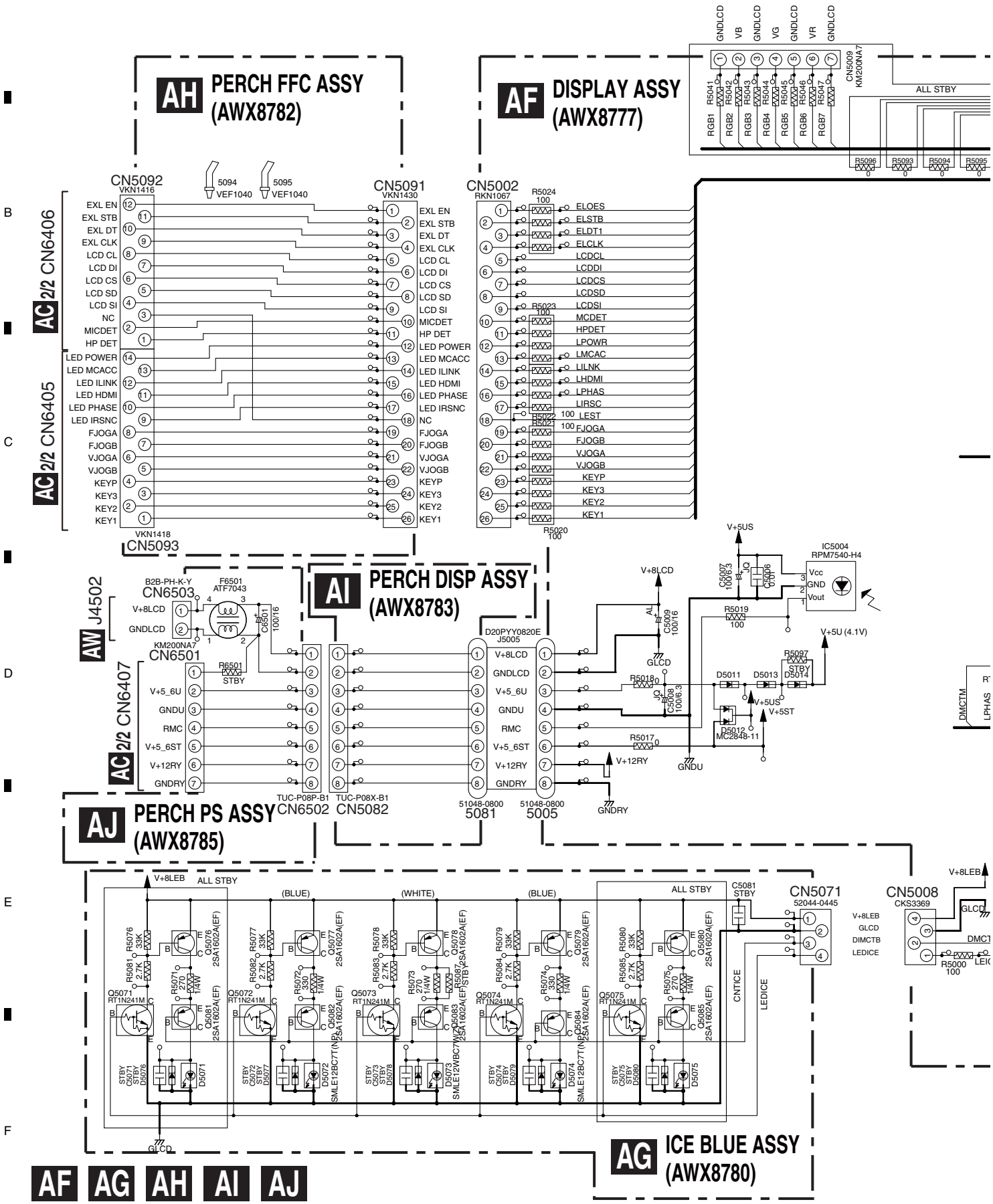


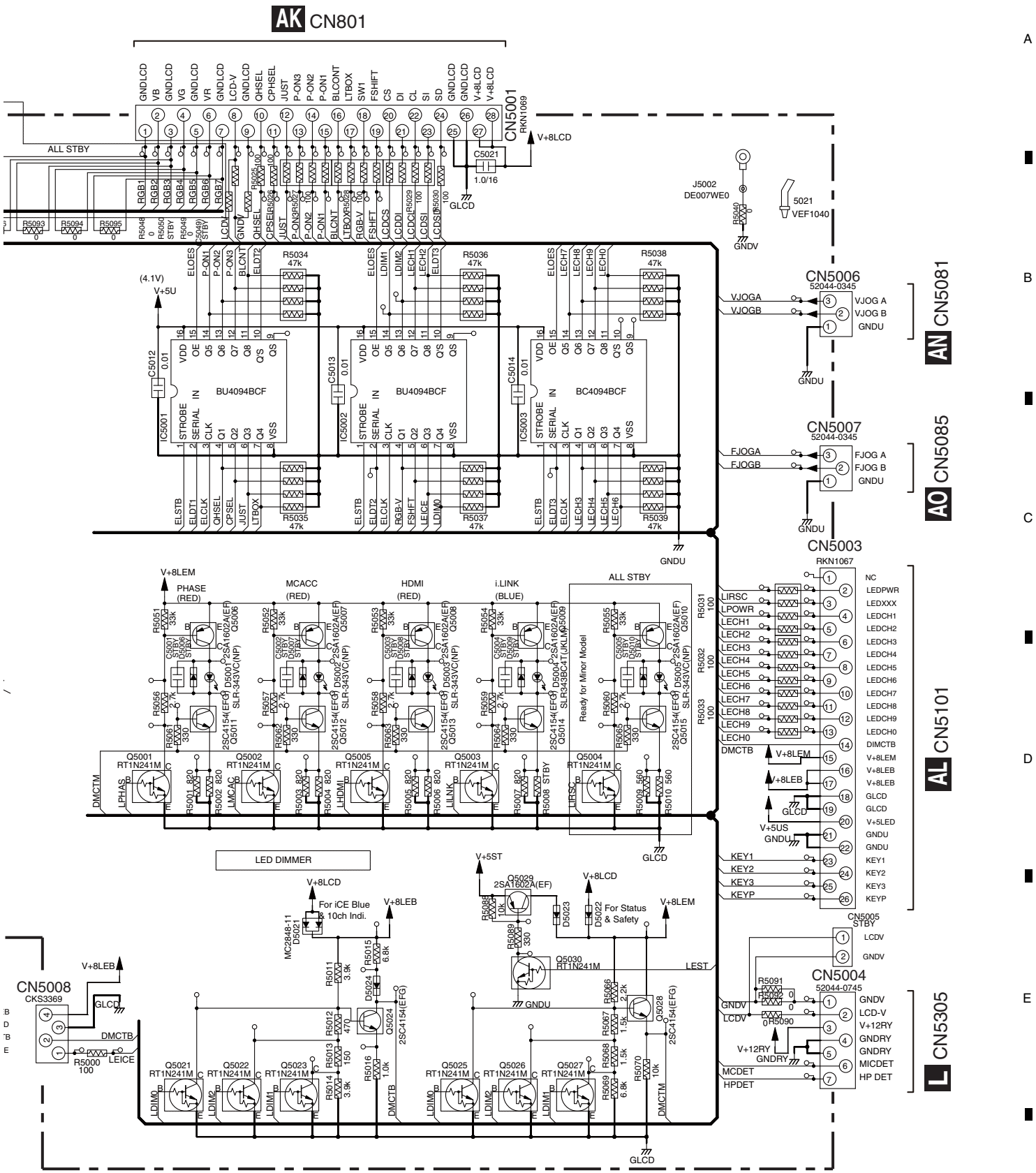
10.62 HDMI ASSY (8/8)




V+3R3VC
CN11
B5P-VH
V+5
GND
GND
V+6
PWRGD
AX J4602
IC13
TPS54350PWP
BOOT
PH2
PH1
LSG
VBIAS
PGND
AGND
VSENSECOMP
POWERPAD
VIN1
VIN2
UVLO
PWRGD
SYNC
RT
ENA
Q11
RTQ045N03
Q12
RT1N241M
Q13
RT1P241M
Q14
2SC4081(OR)
D12
UDZS3R6(B)
L11
ATH7050-A
L15
ATH7050-A
TDET3
GNDD
V+2R5VC
IC11
NJM2885DL1-25
V+5HD1
IC14
NJM2872BF05
V+5HD2
IC15
NJM2872BF05
KN11
VNF1109
GNDS
V+1R8VC
IC12
NJM2846DL3-18
D11
1SR154-400
V+3R3WP
IC18
S-1112B33MC-L6S
V+1R5WP
IC16
S-1112B15MC-L6A
V+5O
V+5D
V+5A
IC17
NJM2885DL1-05
GNDS2

10.63 DISPLAY, ICE BLUE, PERCH FFC, PERCH DISP and PERCH PS ASSYS





NOTES

1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

3.DIODES
No marked Diodes are 1SS352.

※Parts or parts block marked by "STBY" are standby.

10.64 5.1 TFT MODULE

Monitor Input

AK 5.1 TFT MODULE (AWV7006)

AF CN5001

CN801
52793-2870-MOLEX
28P

+8V	28
+8V	27
GND	26
GND	25
SD	24
SI	23
CL	22
DI	21
CS	20
FSHIFT	19
SW1	18
LTBOX	17
BLCONT	16
P-ON1	15
P-ON2	14
P-ON3	13
JUST	12
CPHSEL	11
QHSEL	10
GND	9
VIDEO/SYNC	8
GND	7
VR	6
GND	5
VG	4
GND	3
VB	2
GND	1

CLK, DATA, CERB, SW1, LTBOX, JUST, CPHSEL, QHSEL, VIDEO, VR, VG, VB

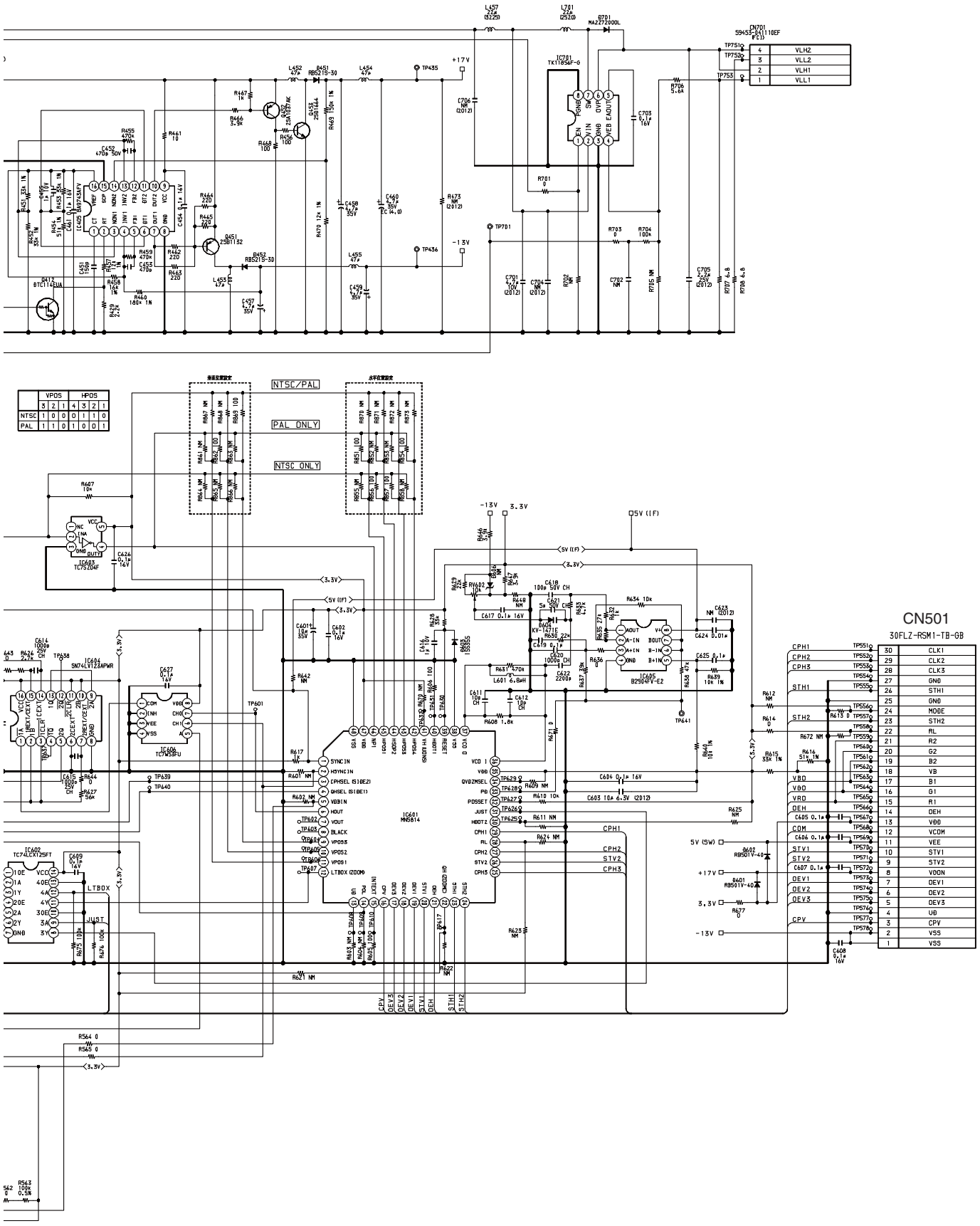
	VPOS			HPOS			
	3	2	1	4	3	2	1
NTSC	1	0	0	0	1	1	0
PAL	1	1	0	1	0	0	1

NTSC/PAL discriminating signal

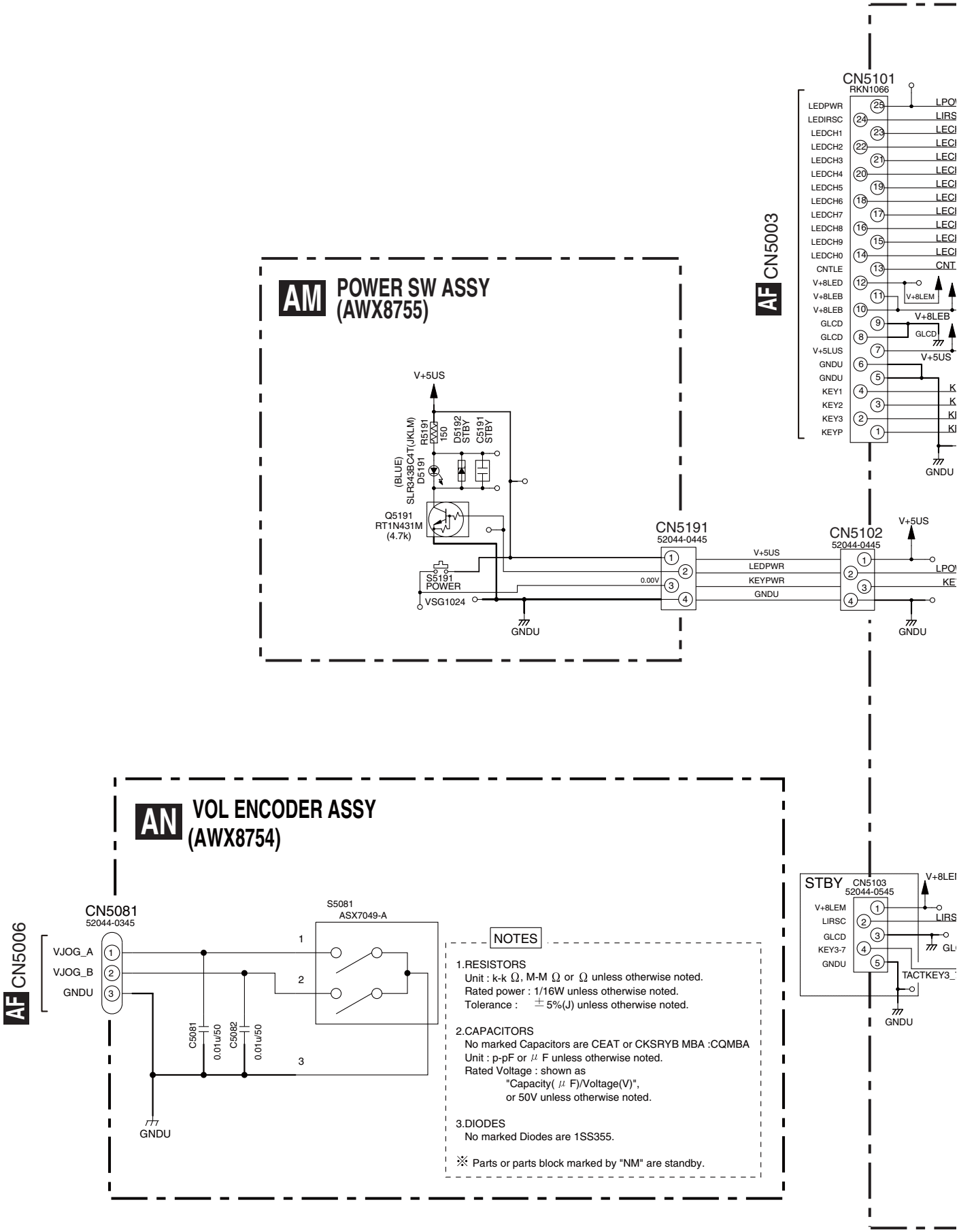
NTSC_H

PAL_L

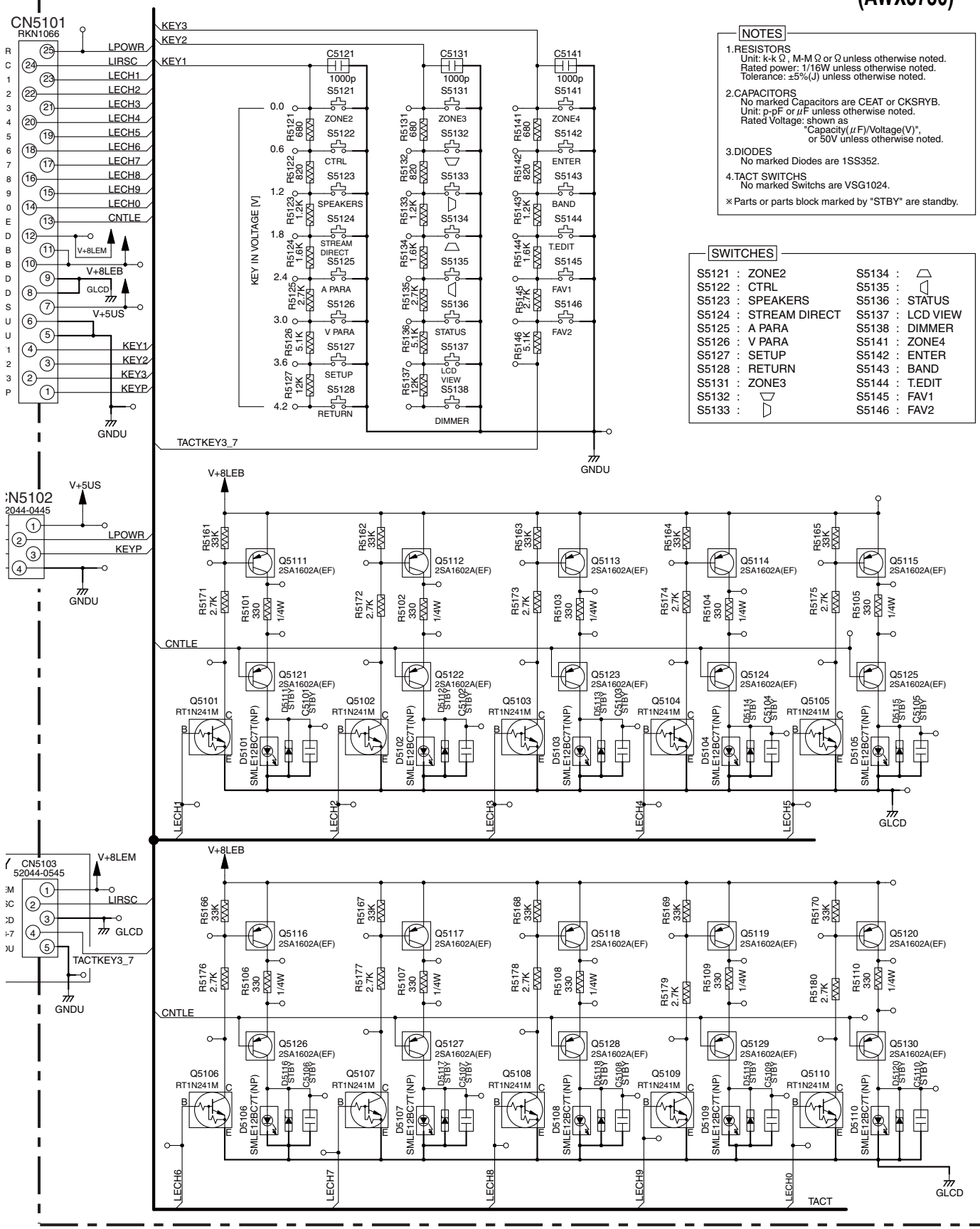
Video Processing Block


NTSC/PAL
PAL ONLY
NTSC ONLY
CN501
30FLZ-RSM1-TB-GB
+17V
-13V
3.3V
5V (LF)
5V (SW)
LTBOX
JUST

10.65 TACT,POWER SW and VOL ENCODER ASSYS



AL TACT ASSY (AWX8730)



NOTES

1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

3.DIODES
No marked Diodes are 1SS352.

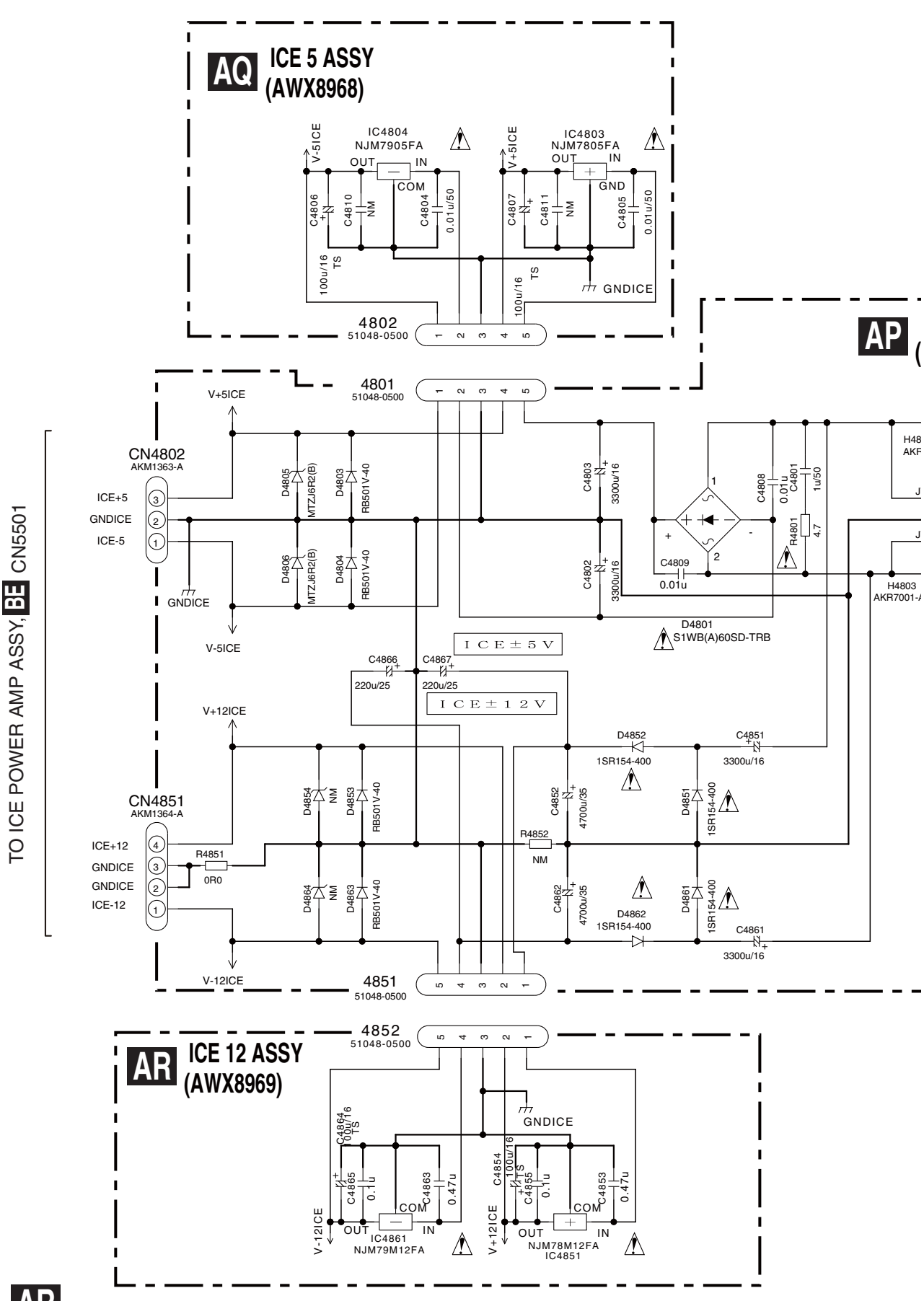
4.TACT SWITCHES
No marked Switchs are VSG1024.

※Parts or parts block marked by "STBY" are standby.

SWITCHES

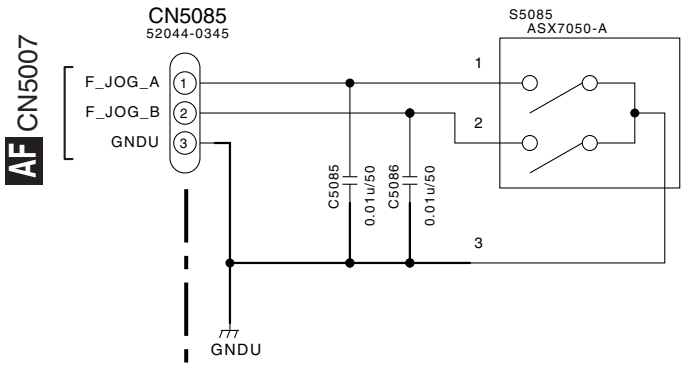
S5121 : ZONE2		S5134 :	
S5122 : CTRL		S5135 :	
S5123 : SPEAKERS		S5136 :	STATUS
S5124 : STREAM DIRECT		S5137 :	LCD VIEW
S5125 : A PARA		S5138 :	DIMMER
S5126 : V PARA		S5141 :	ZONE4
S5127 : SETUP		S5142 :	ENTER
S5128 : RETURN		S5143 :	BAND
S5131 : ZONE3		S5144 :	T.EDIT
S5132 :		S5145 :	FAV1
S5133 :		S5146 :	FAV2

10.66 ICE REG, ICE 5 and ICE 12 ASSYS

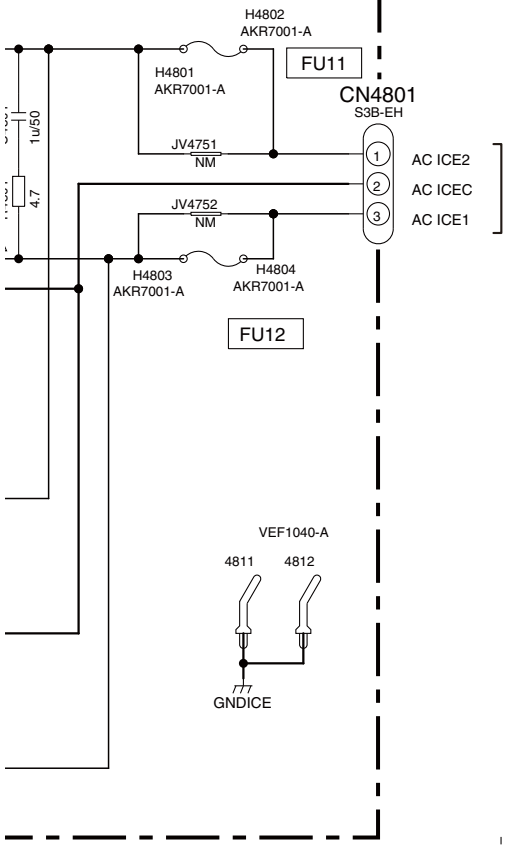


AP AQ AR

AO FUNC ENCODER ASSY (AWX8753)



AP ICE REG ASSY (AWX8751)



FROM ANALOG TRANSFORMER (T1501)

FU11	REK 1146
FU12	2.5A 125V

CAUTION

FOR CONTINUED PROTECTION AGAINST RISK OF FIRE,REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

NOTES

1.RESISTORS
Unit : k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power : 1/16W unless otherwise noted.
Tolerance : ± 5%(J) unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB MBA :CQMBA
Unit : p-pF or μ F unless otherwise noted.
Rated Voltage : shown as
"Capacity(μ F)/Voltage(V)",
or 50V unless otherwise noted.

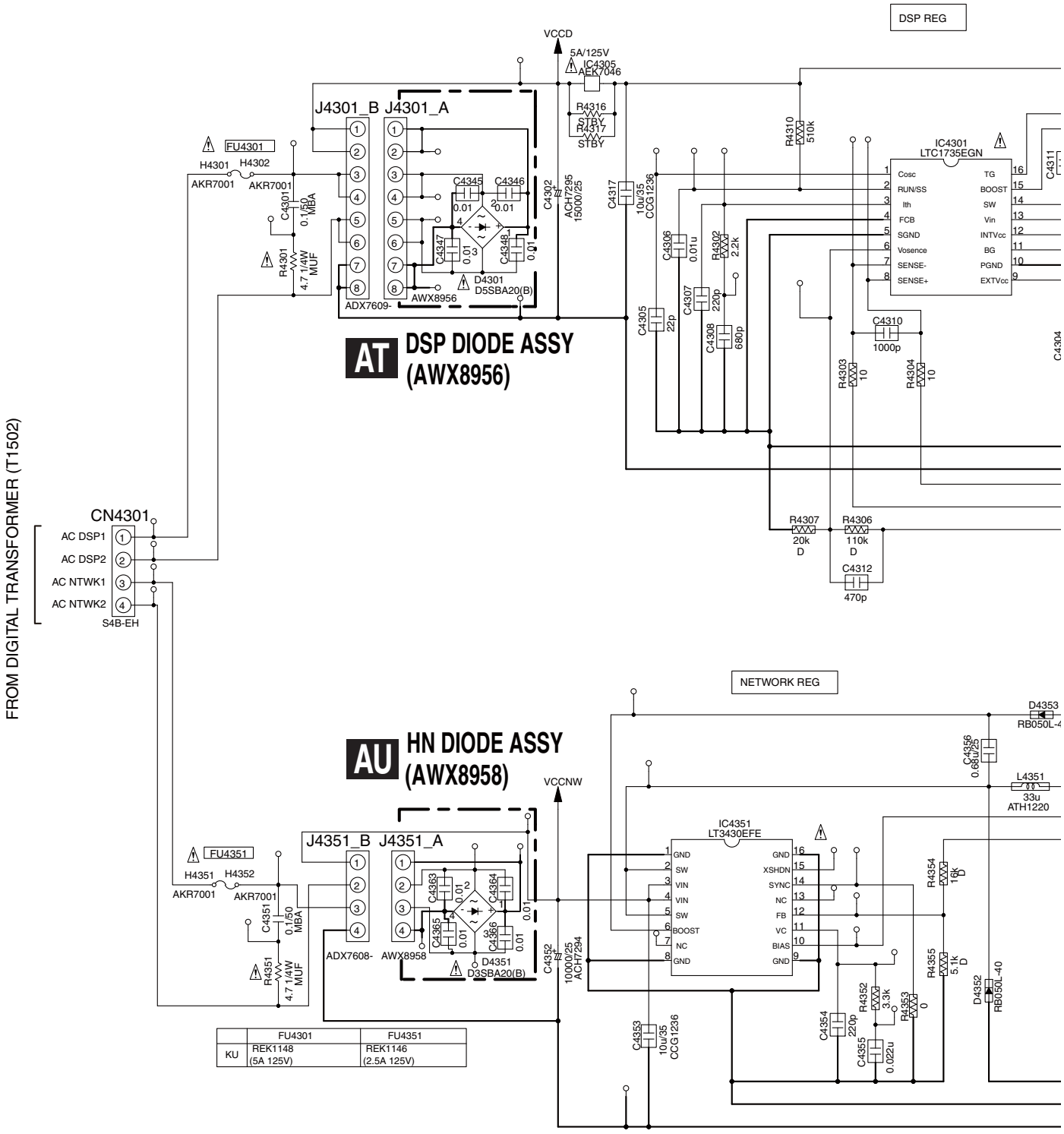
3.DIODES
No marked Diodes are 1SS355.

※ Parts or parts block marked by "NM" are standby.

10.67 DD DSP,DSP DIODE & HN DIODE ASSYS

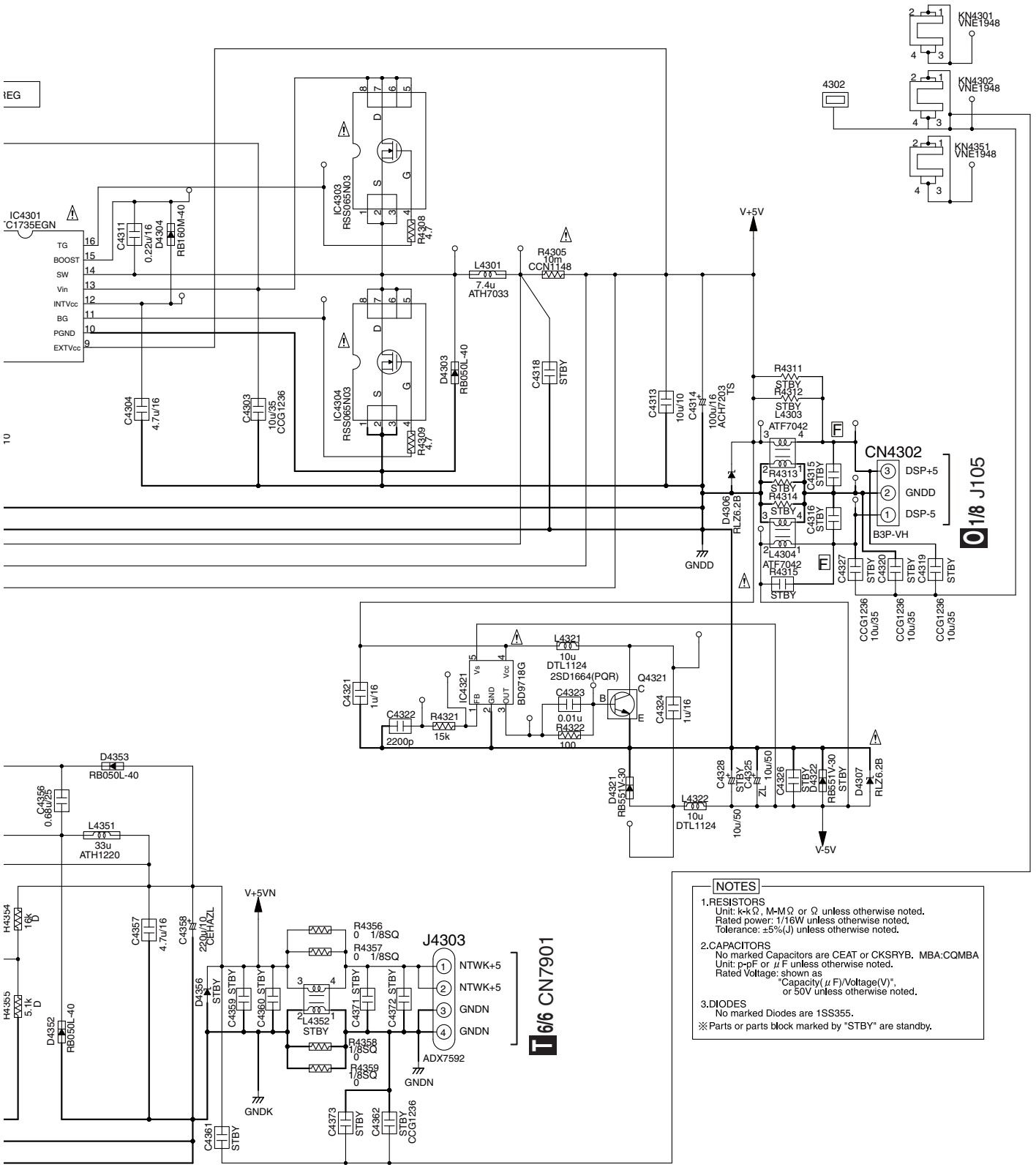
CAUTION
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE NO. 491005 FOR IC4305 MFD. BY LITTELFUSE INC.

CAUTION
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE AND RATINGS OF FUSE.



	FU4301	FU4351
KU	REK1148 (5A 125V)	REK1146 (2.5A 125V)

AS DD DSP ASSY (AWX8748)



NOTES

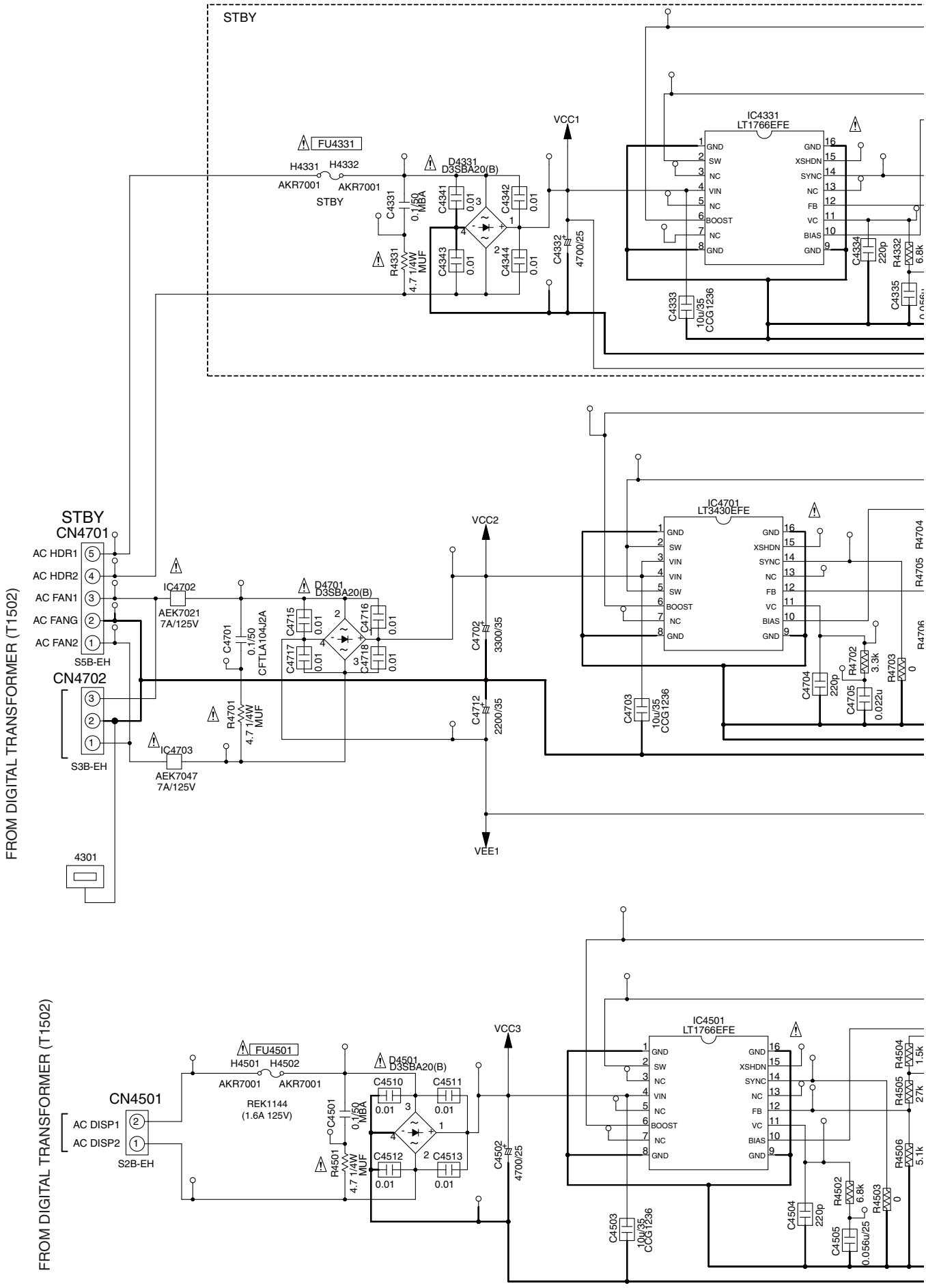
1.RESISTORS
Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB. MBA:CQMBA
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

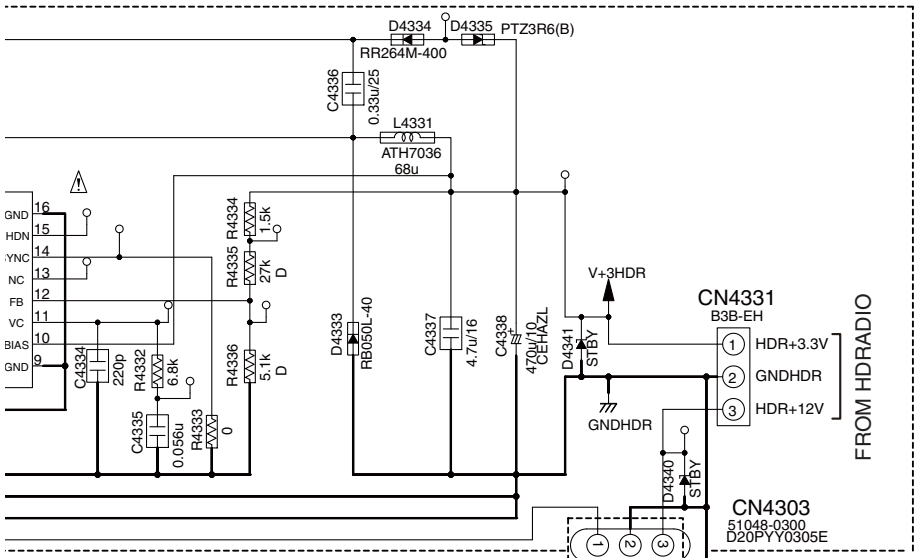
3.DIODES
No marked Diodes are 1SS355.

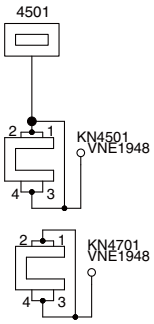
※Parts or parts block marked by "STBY" are standby.

10.68 DD DISP and FAN-12V ASSYS



AW DD DISP ASSY (AWX8784)





NOTES

1.RESISTORS
Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB. MBA:CQMBA
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

3.DIODES
No marked Diodes are 1SS355.

※Parts or parts block marked by "STBY" are standby.

The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore,when replacing,be sure to use parts of identical designation.

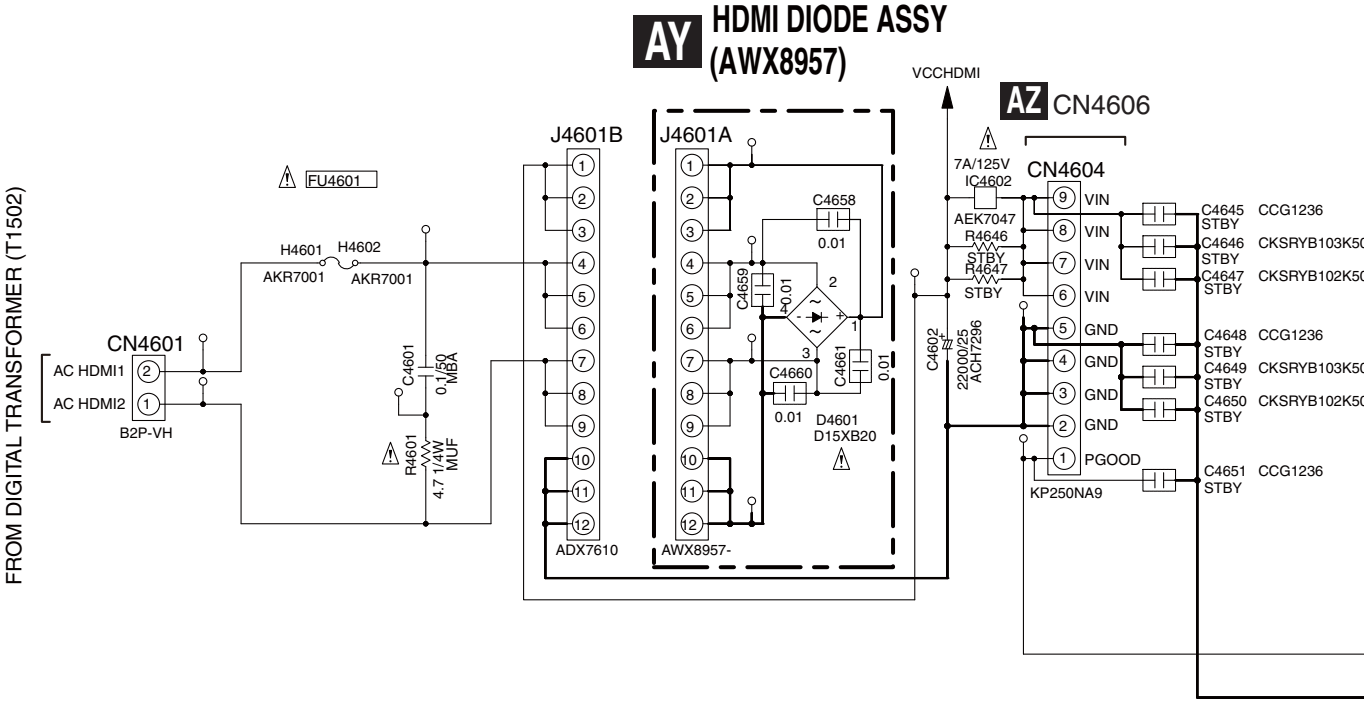
CAUTION

FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

CAUTION

FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE NO. 491007 FOR IC4702, IC4703 MFD. BY LITTELFUSE INC.

10.69 DD HDMI and HDMI DIODE ASSYS



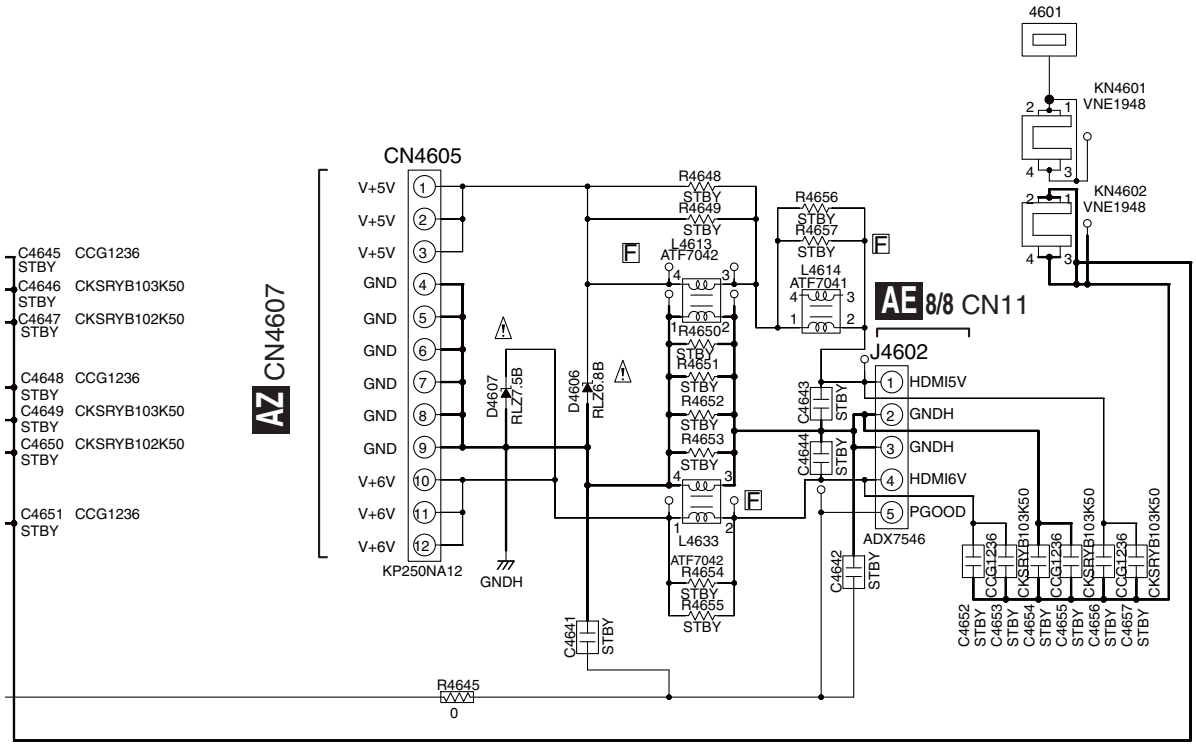
CAUTION
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

CAUTION
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE NO. 491007 FOR IC4602 MFD. BY LITTELFUSE INC.

		FU4601
AWK7959	KU	REK1151 (6A 125V)
AWK7959	JJ	REK1151 (6A 125V)

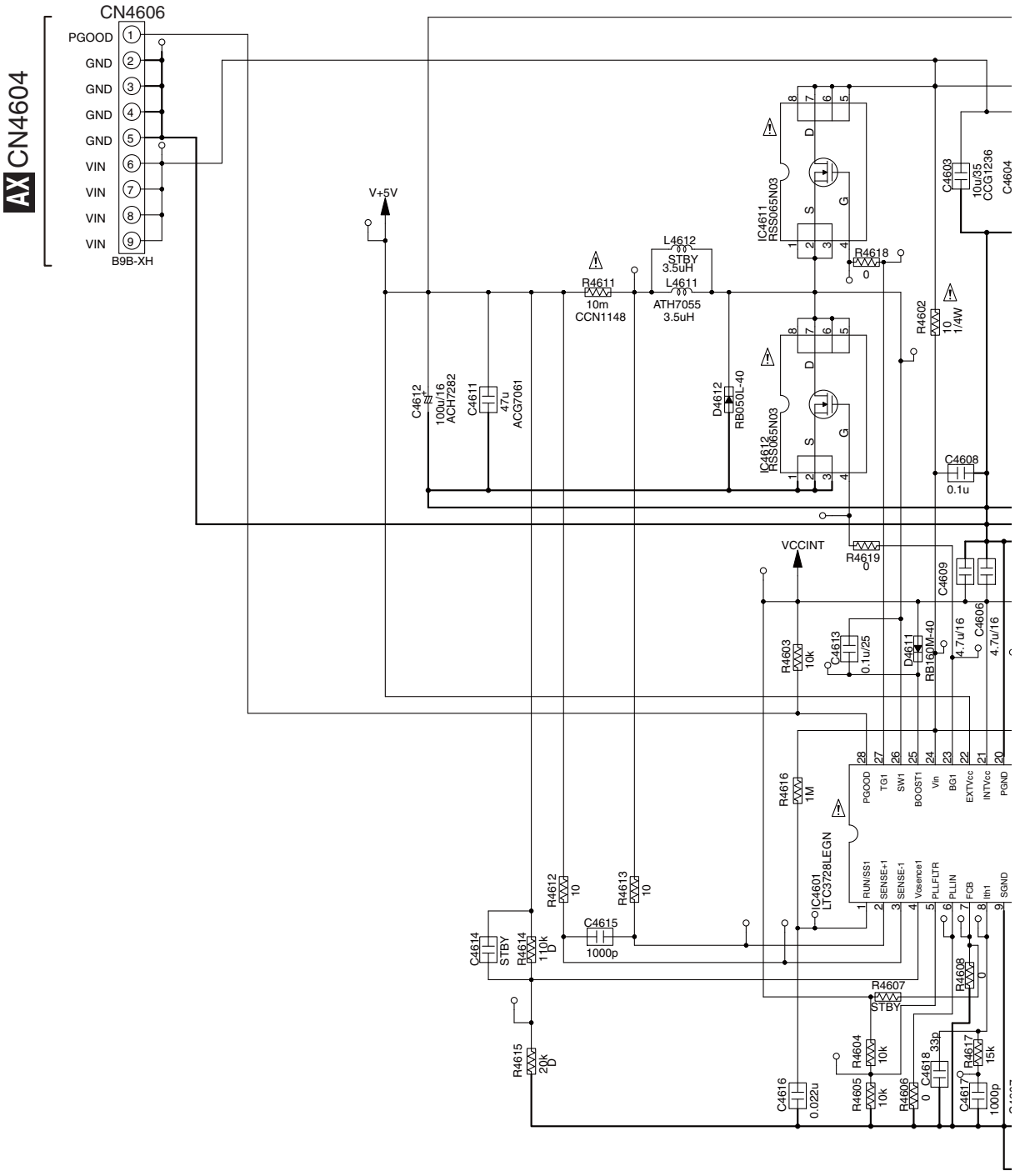
NOTES
1.RESISTORS
Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.
2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB. MBA:CQMBA
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as "Capacity(μF)/Voltage(V)", or 50V unless otherwise noted.
3.DIODES
No marked Diodes are 1SS355.
※Parts or parts block marked by "STBY" are standby.

AX DD HDMI ASSY (AWX8750)



10.70 2CH DD ASSY

AZ 2CH DD ASSY (AWX8961)



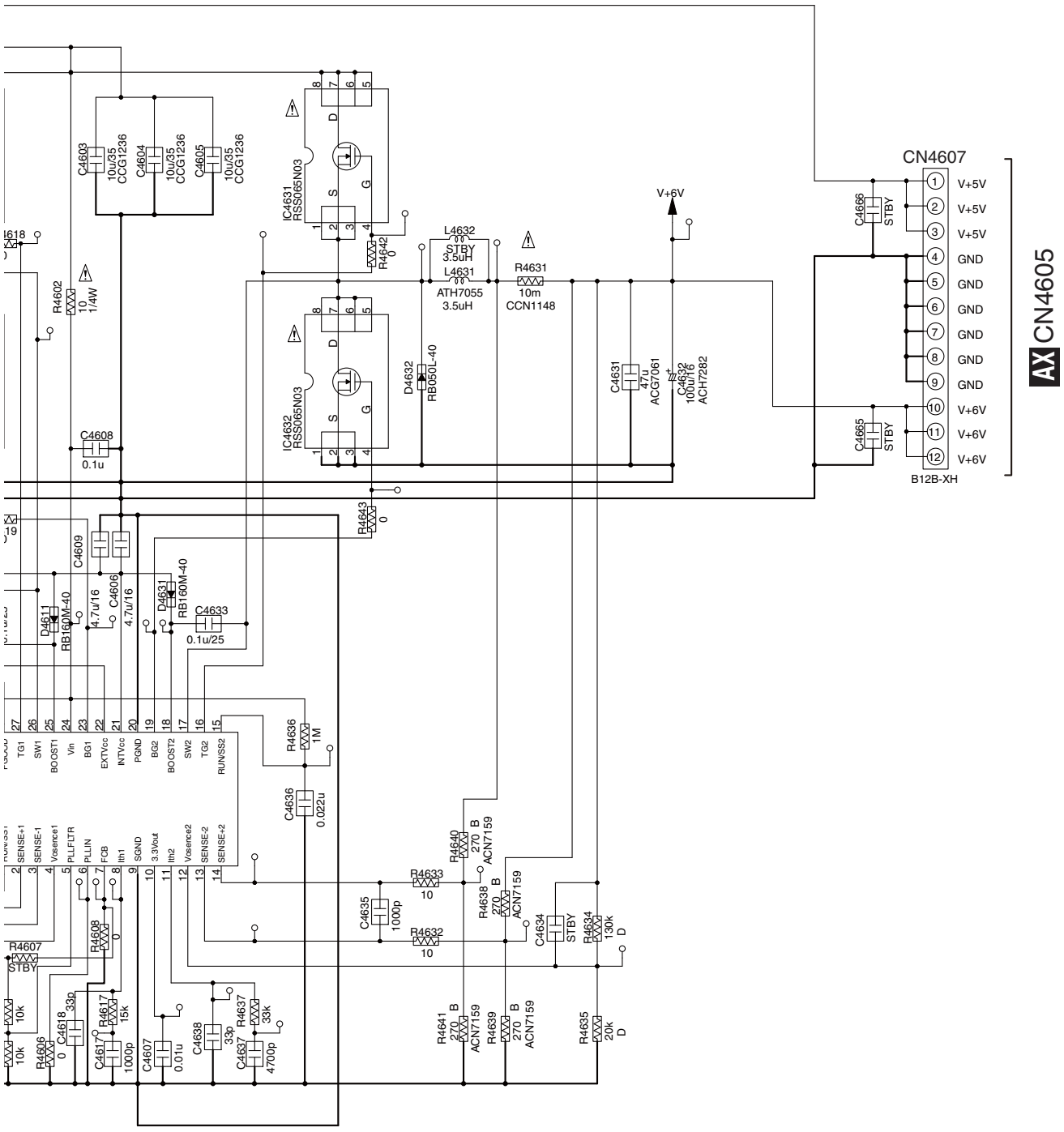
NOTES

1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

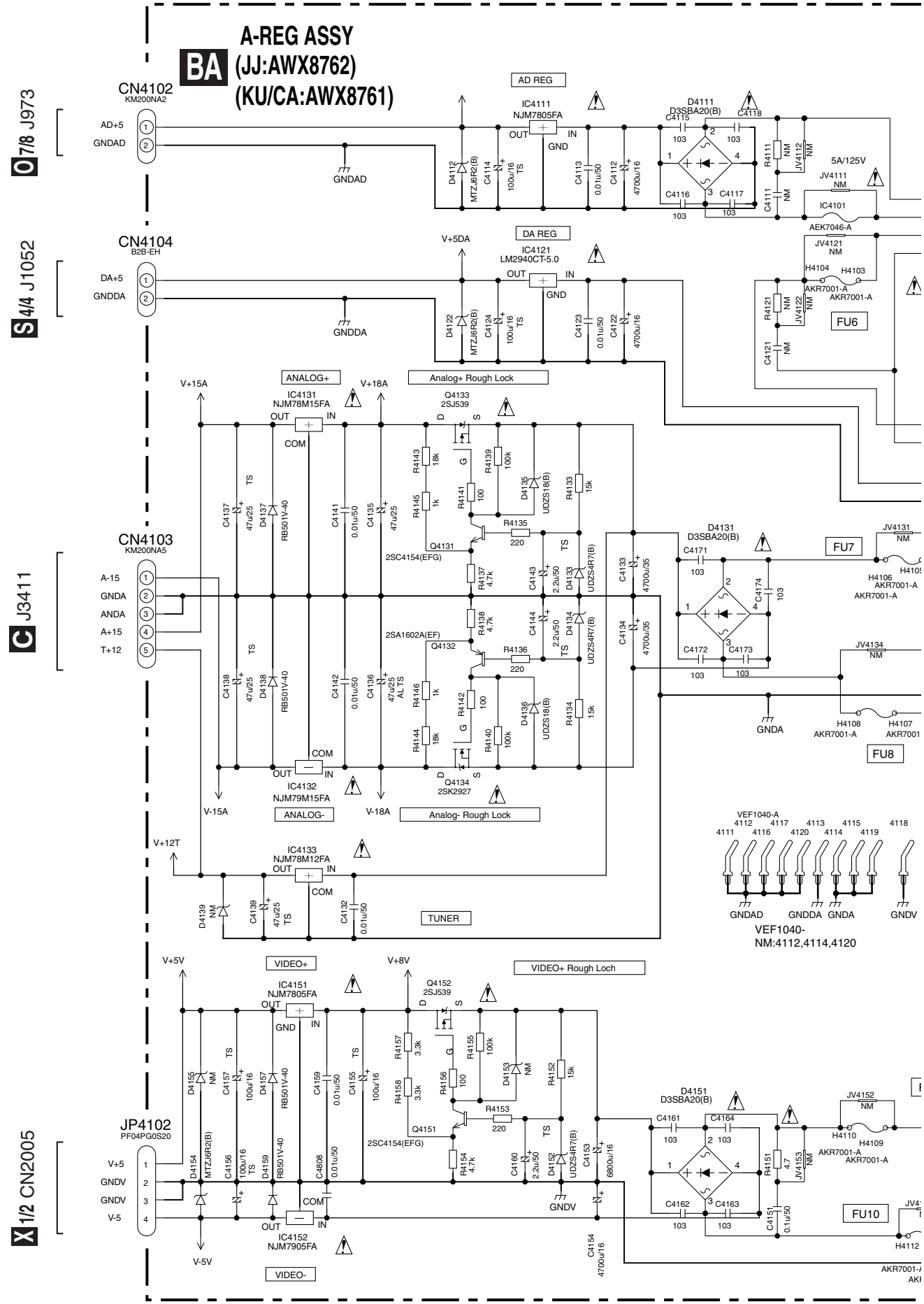
2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB. MBA:CQMBA
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

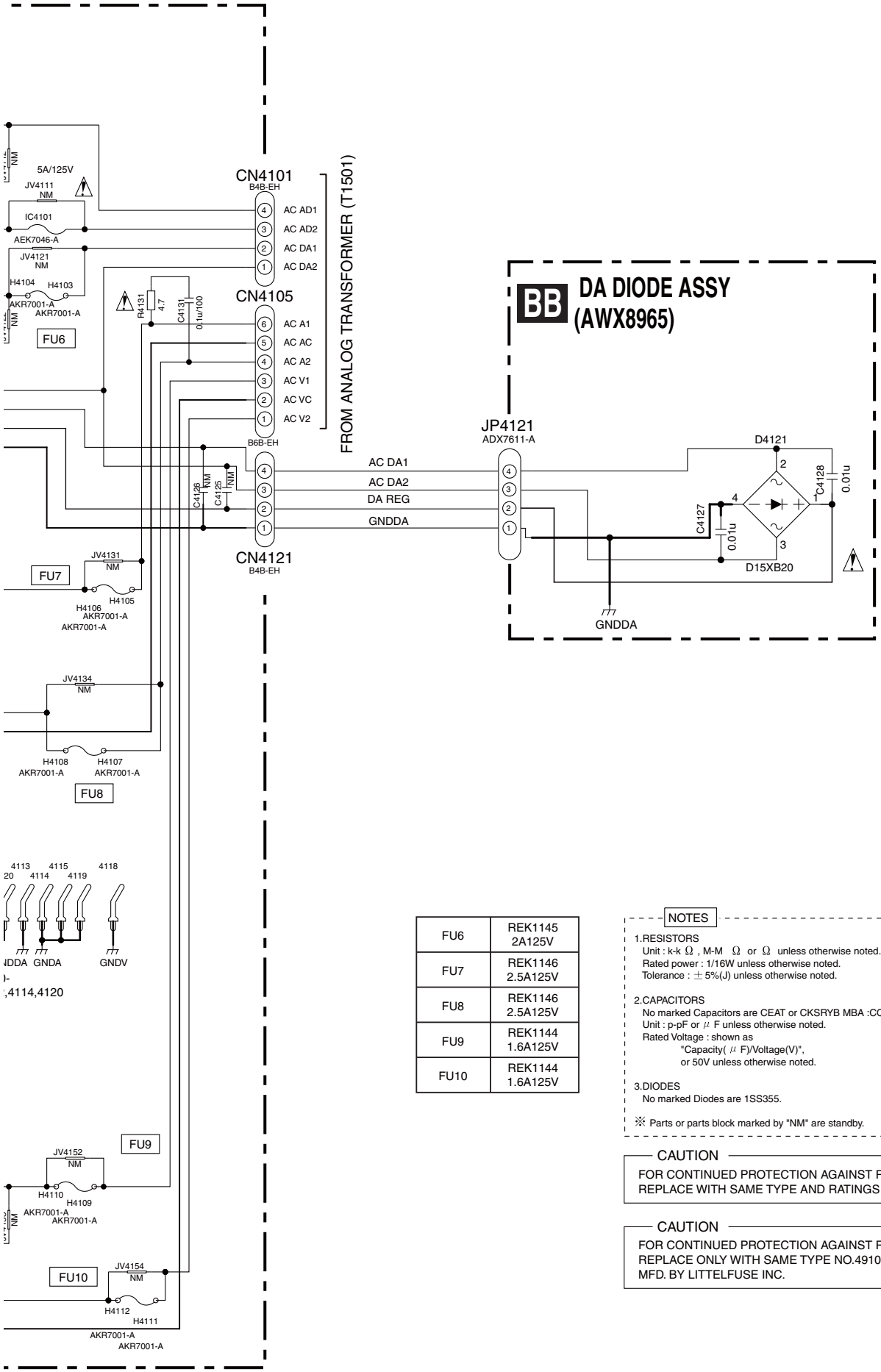
3.DIODES
No marked Diodes are 1SS355.

※Parts or parts block marked by "STBY" are standby.


CN4607
V+5V
V+5V
V+5V
GND
GND
GND
GND
GND
GND
V+6V
V+6V
V+6V
B12B-XH
AX CN4605
C4603 10u/35 CCG1236
C4604 10u/35 CCG1236
C4605 10u/35 CCG1236
C4666 STBY
C4665 STBY
IC4631 RSS066N03
IC4632 RSS065N03
L4632 1.0u STBY 3.5uH
L4631 ATH7055 3.5uH
R4631 10m CCN1148
R4642 0
R4643 0
R4602 10 1/4W
D4632 RB050L-40
C4631 470u ACG7061
C4632 100u/16 ACH7282
C4608 0.1u
C4609
C4606 4.7u/16
D4631 RB160M-40
D4611 RB160M-40
C4633 0.1u/25
R4636 1M
C4636 0.022u
R4633 10
R4632 10
R4640 270 B ACN7159
R4638 270 B ACN7159
R4641 270 B ACN7159
R4639 270 B ACN7159
C4635 1000p
C4634 STBY
R4634 130k D
R4635 20k D
R4607 STBY
R4608 0
R4606 0
C4618 33p
R4617 15k
C4617 1000p
C4607 0.01u
C4638 33p
R4637 33k
C4637 4700p
TG1
SW1
BOOST1
Vin
BG1
EXTVcc
INTVcc
PGND
BG2
BOOST2
SW2
TG2
RUN/SS2
SENSE+1
SENSE-1
Vosence1
PLLFLTR
PLLIN
FCB
Ith1
SGND
3.3Vout
Ith2
Vosence2
SENSE-2
SENSE+2

10.71 A-REG and DA DIODE ASSYS





FU6	REK1145 2A125V
FU7	REK1146 2.5A125V
FU8	REK1146 2.5A125V
FU9	REK1144 1.6A125V
FU10	REK1144 1.6A125V

NOTES

1.RESISTORS
Unit : k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power : 1/16W unless otherwise noted.
Tolerance : ± 5%(J) unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB MBA :CQMBA
Unit : p-pF or μ F unless otherwise noted.
Rated Voltage : shown as
"Capacity(μ F)/Voltage(V)",
or 50V unless otherwise noted.

3.DIODES
No marked Diodes are 1SS355.

※ Parts or parts block marked by "NM" are standby.

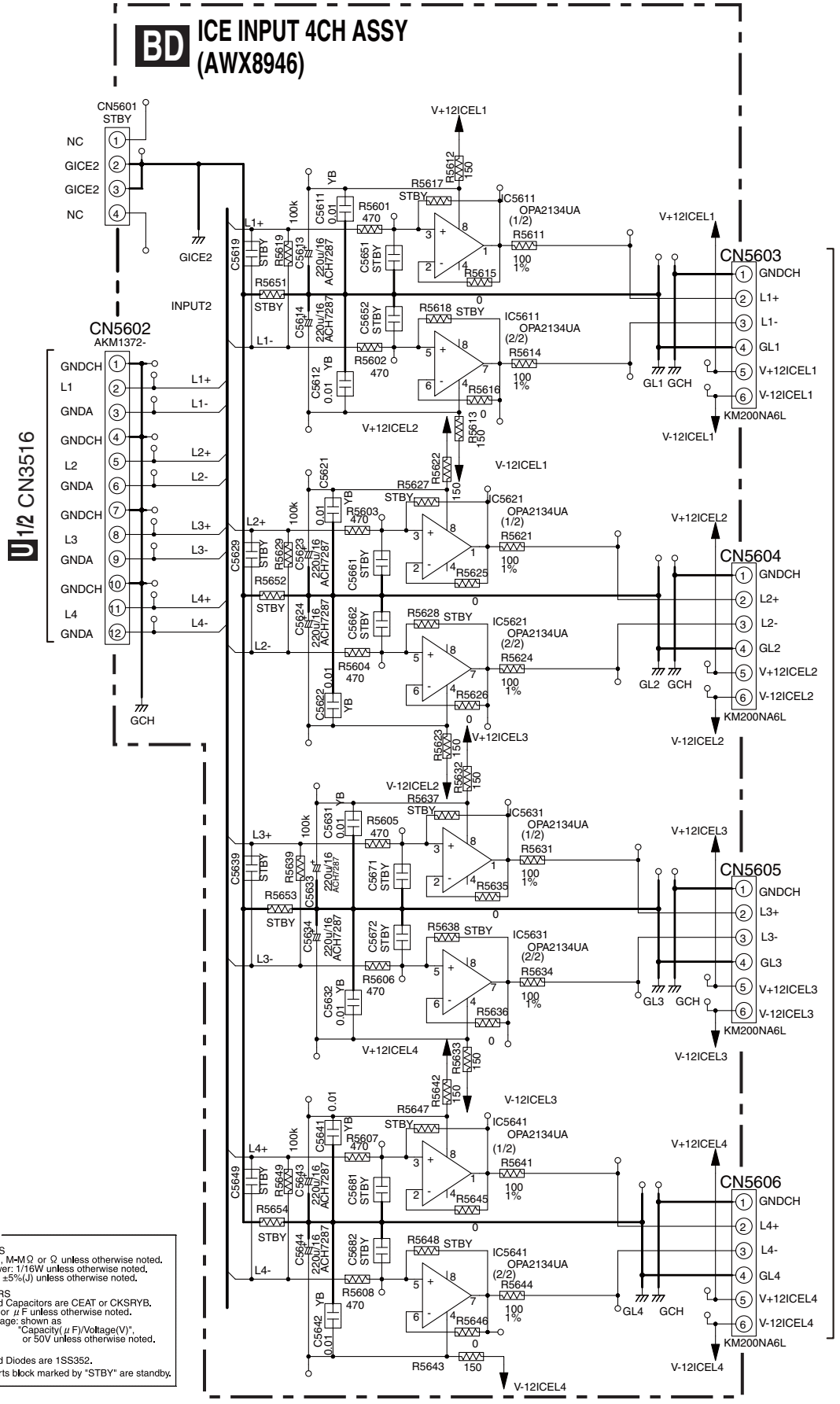
CAUTION

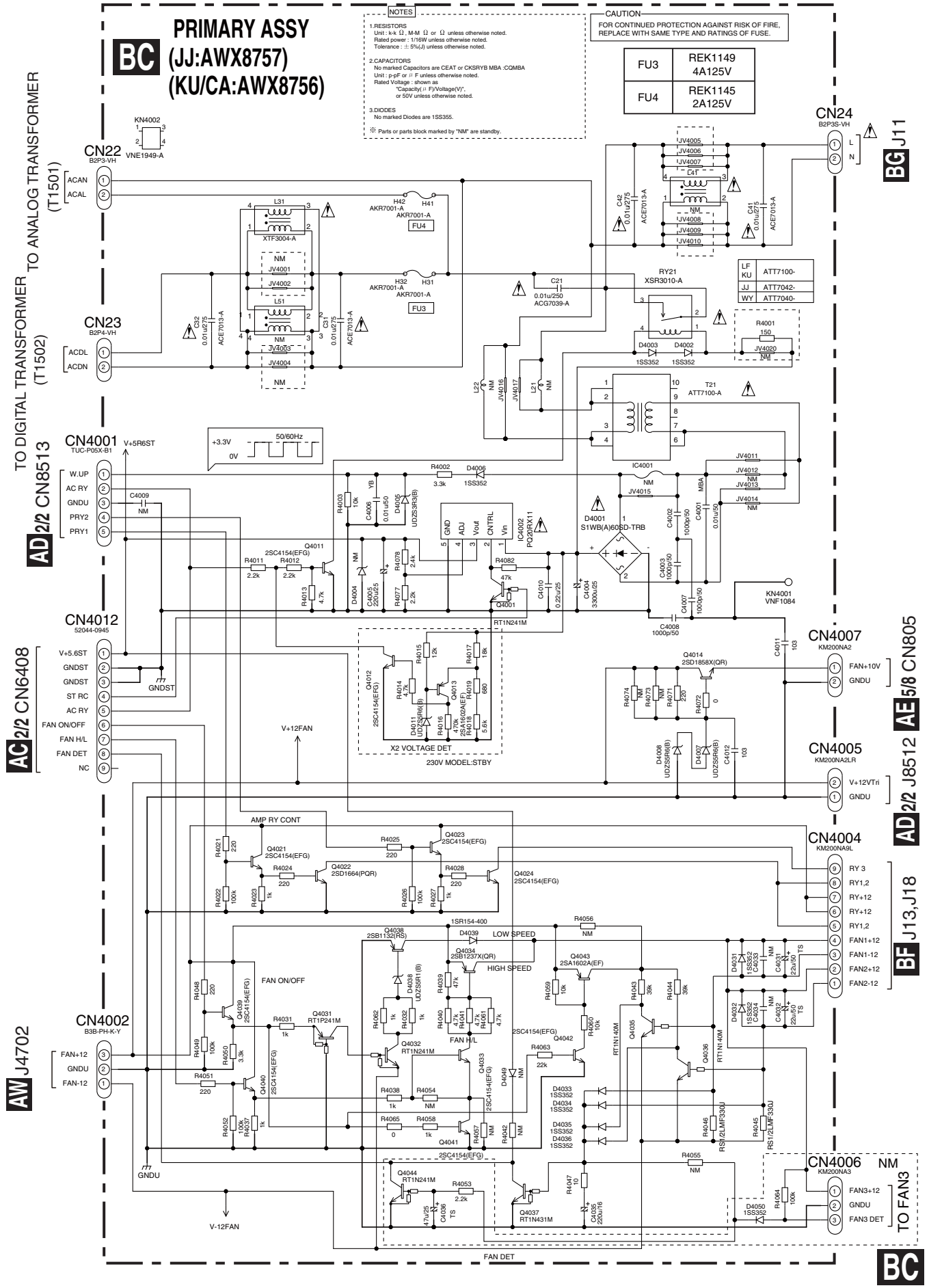
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE,
REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

CAUTION

FOR CONTINUED PROTECTION AGAINST RISK OF FIRE,
REPLACE ONLY WITH SAME TYPE NO.491005 FOR IC4101
MFD. BY LITTELFUSE INC.

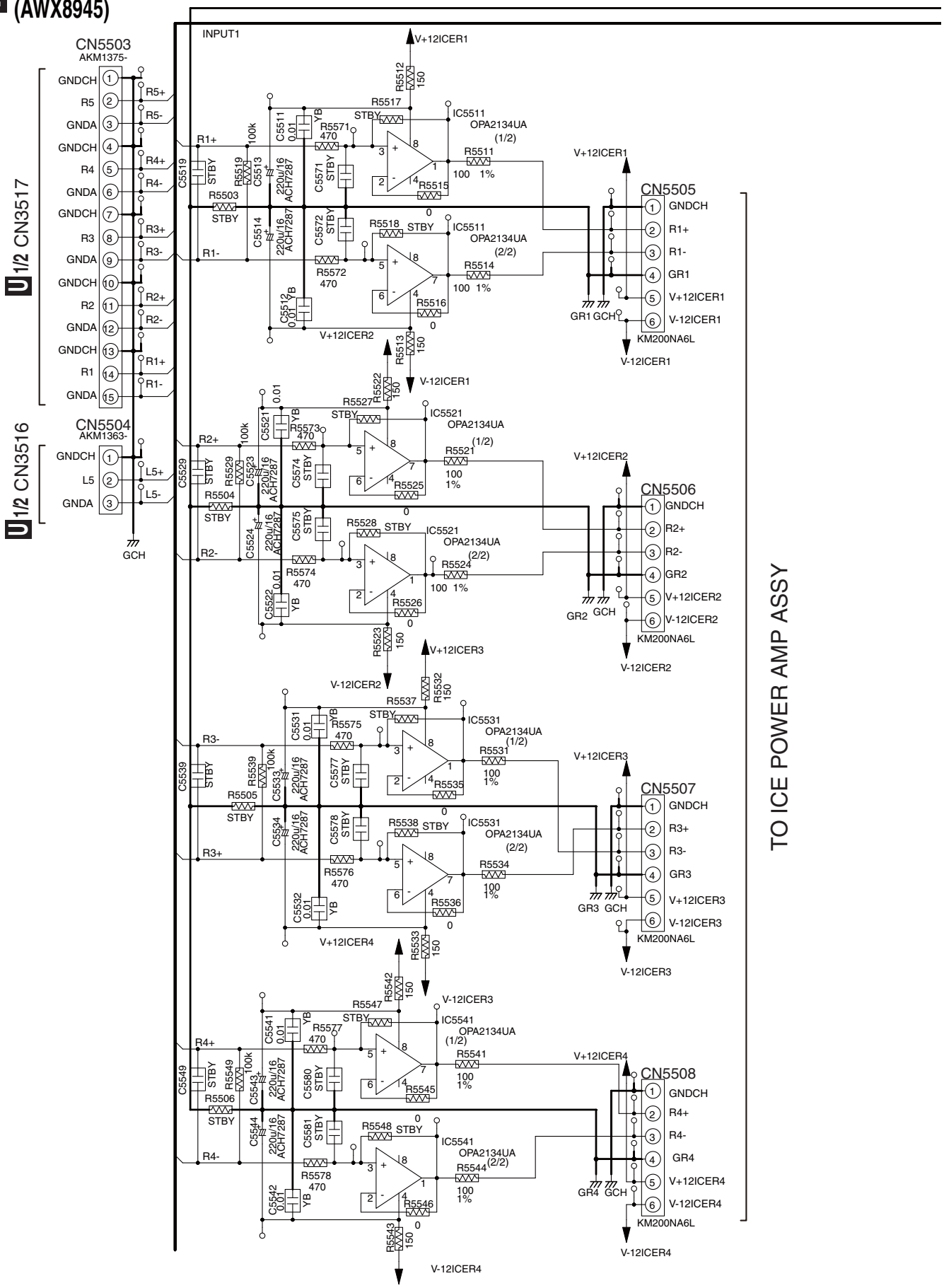
10.72 PRIMARY and ICE INPUT 4CH ASSYS

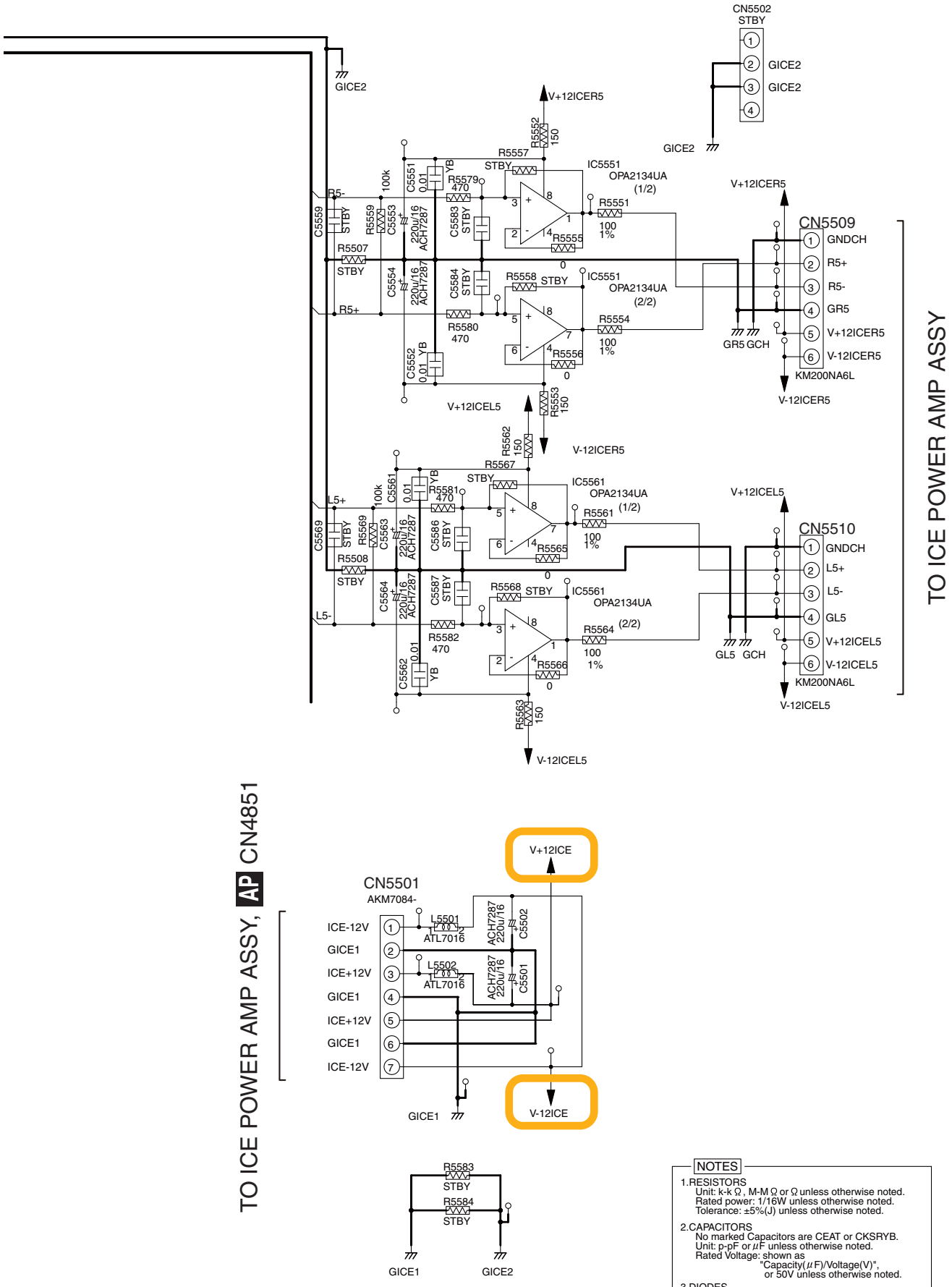



BC
PRIMARY ASSY
(JJ:AWX8757)
(KU/CA:AWX8756)
NOTES
1.RESISTORS
Unit : k-k Ω, M-M Ω or Ω unless otherwise noted.
Rated power : 1/16W unless otherwise noted.
Tolerance : ± 5%(J) unless otherwise noted.
2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB MBA :CQMBA
Unit : p-pF or µ F unless otherwise noted.
Rated Voltage : shown as
"Capacity(µ F)/Voltage(V)".
or 50V unless otherwise noted.
3.DIODES
No marked Diodes are 1SS355.
※ Parts or parts block marked by "NM" are standby.
CAUTION
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE AND RATINGS OF FUSE.
FU3 REK1149 4A125V
FU4 REK1145 2A125V
CN24 B2P3S-VH
BG J11
CN22 B2P3-VH
ACAN
ACAL
TO ANALOG TRANSFORMER (T1501)
CN23 B2P4-VH
ACDL
ACDN
TO DIGITAL TRANSFORMER (T1502)
CN4001 TUC-P05X-B1
W.UP
AC RY
GNDU
PRY2
PRY1
AD 2/2 CN8513
CN4012 52044-0945
V+5.6ST
GNDST
GNDST
ST RC
AC RY
FAN ON/OFF
FAN H/L
FAN DET
NC
AC 2/2 CN6408
CN4002 B3B-PH-K-Y
FAN+12
GNDU
FAN-12
AW J4702
CN4007 KM200NA2
FAN+10V
GNDU
AE 5/8 CN805
CN4005 KM200NA2LR
V+12VTri
GNDU
AD 2/2 J8512
CN4004 KM200NA9L
RY 3
RY1,2
RY+12
RY+12
RY1,2
FAN1+12
FAN1-12
FAN2+12
FAN2-12
BF J13,J18
CN4006 KM200NA3 NM
FAN3+12
GNDU
FAN3 DET
TO FAN3
KN4002 VNE1949-A
KN4001 VNF1084
RY21 XSR3010-A
T21 ATT7100-A
IC4001
D4001 S1WB(A)60SD-TRB
IC4002 PQ20RX11
Q4001
RT1N241M
X2 VOLTAGE DET
230V MODEL:STBY
AMP RY CONT
FAN ON/OFF
FAN H/L
LOW SPEED
HIGH SPEED
V+12FAN
V-12FAN
GNDU
FAN DET
LF KU ATT7100-
JJ ATT7042-
WY ATT7040-
BC

10.73 ICE INPUT 6CH ASSY

BE ICE INPUT 6CH ASSY (AWX8945)





NOTES

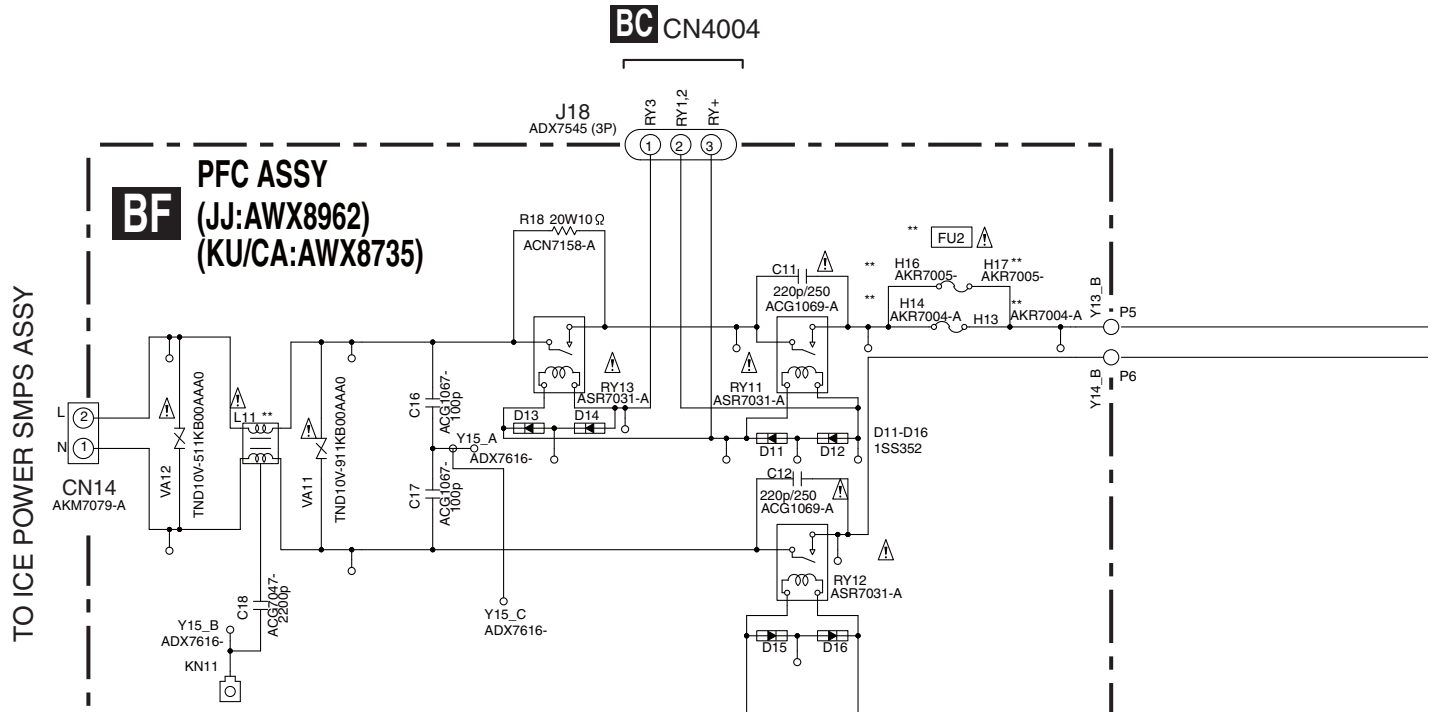
1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

3.DIODES
No marked Diodes are 1SS352.

※Parts or parts block marked by "STBY" are standby.

10.74 PFC and INLET ASSYS



FU1

CAUTION

FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

*

	VIDEO COMPLEX ASSY	INLET ASSY		⚠ (FU1)
	AWK7951	AWX8731	KU	REK1151 (6A 125V)
	AWK7952	AWX8731	JJ	REK1151 (6A 125V)

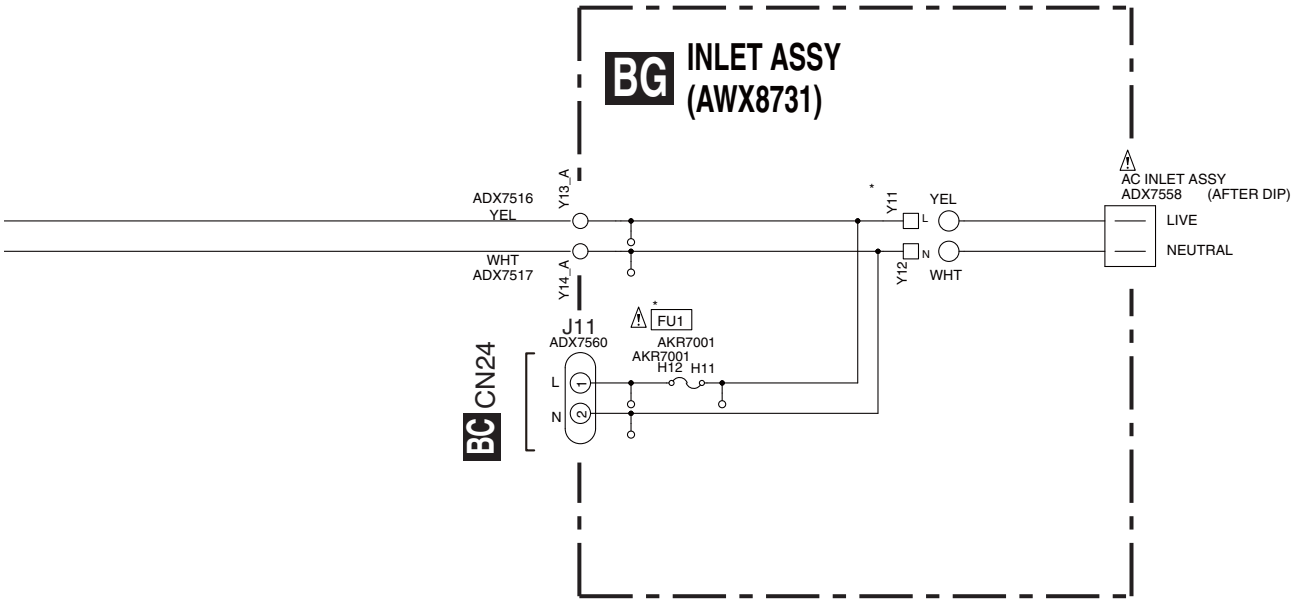
FU2 FOR AWK7951

CAUTION

FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE NO.SHV14-15A N4 MFD. BY SOC CORPORATION FOR FU2.

**

	VIDEO COMPLEX ASSY	PFC ASSY		⚠ (FU2)	H13	H14	H16	H17	L11
	AWK7951	AWX8735	KU	AEK7077 (15A 400V)	AKR7004	AKR7004	STBY	STBY	ATH7062
	AWK7952	AWX8962	JJ	AEK7077 (15A 400V)	AKR7004	AKR7004	STBY	STBY	ATH7062



NOTES

1.RESISTORS
Unit: k-k Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: ±5%(J) unless otherwise noted.

2.CAPACITORS
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μF unless otherwise noted.
Rated Voltage: shown as
"Capacity(μF)/Voltage(V)",
or 50V unless otherwise noted.

3.DIODES
No marked Diodes are 1SS355.

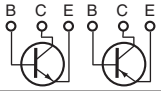
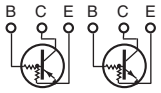
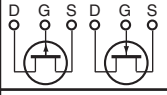
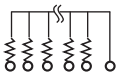
※Parts or parts block marked by "STBY" are standby.

The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

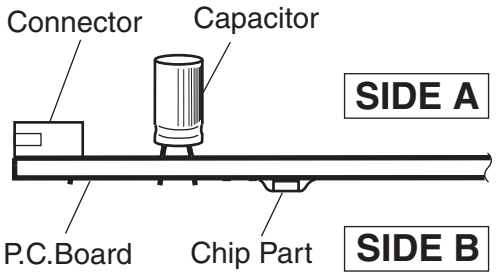
11. PCB CONNECTION DIAGRAM

NOTE FOR PCB DIAGRAMS :

1. Part numbers in PCB diagrams match those in the schematic diagrams.
2. A comparison between the main parts of PCB and schematic diagrams is shown below.

Symbol In PCB Diagrams	Symbol In Schematic Diagrams	Part Name
		Transistor
		Transistor with resistor
		Field effect transistor
		Resistor array
		3-terminal regulator

3. The parts mounted on this PCB include all necessary parts for several destinations.
   For further information for respective destinations, be sure to check with the schematic diagram.
4. View point of PCB diagrams.



A

B

C

D

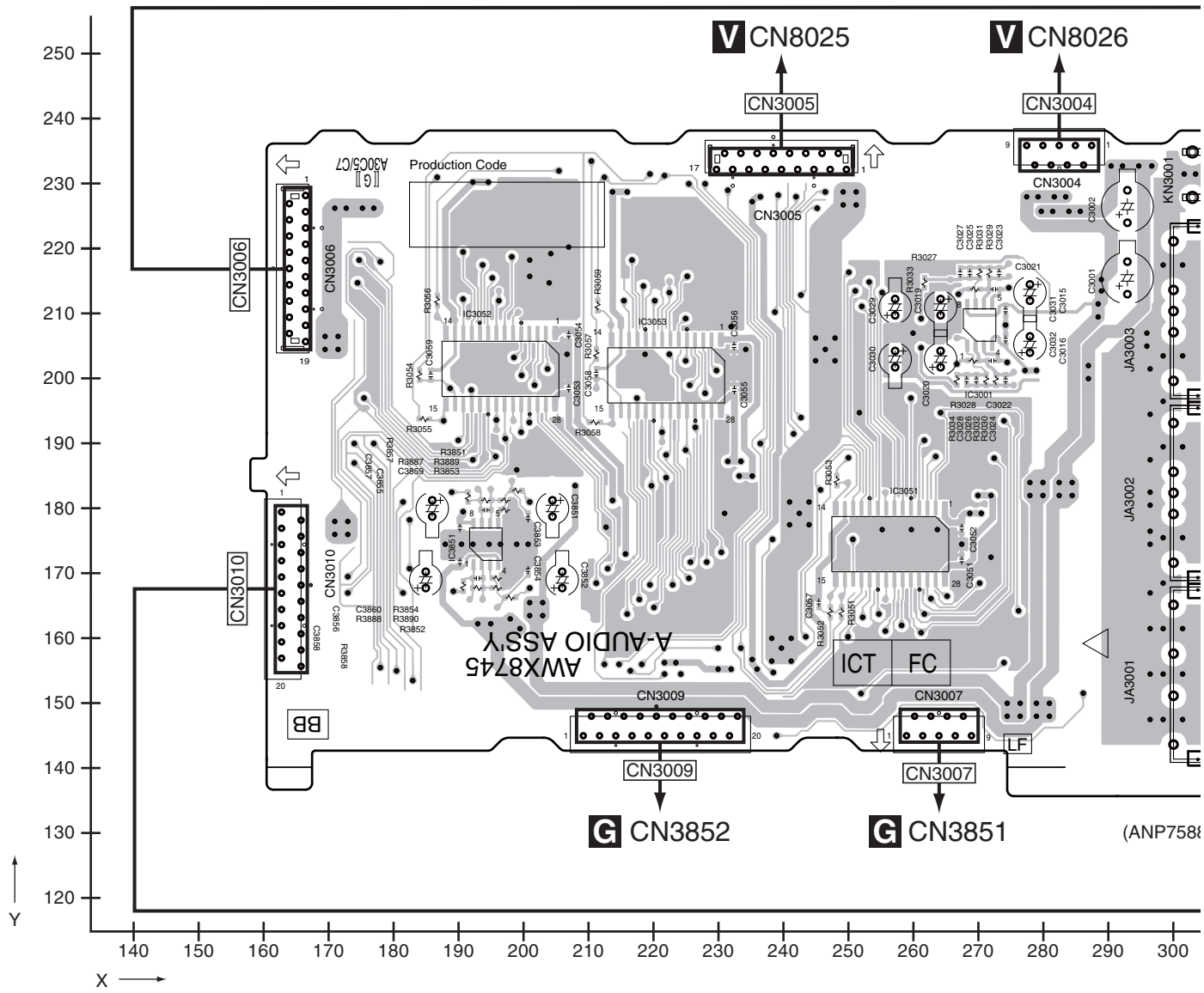
E

F

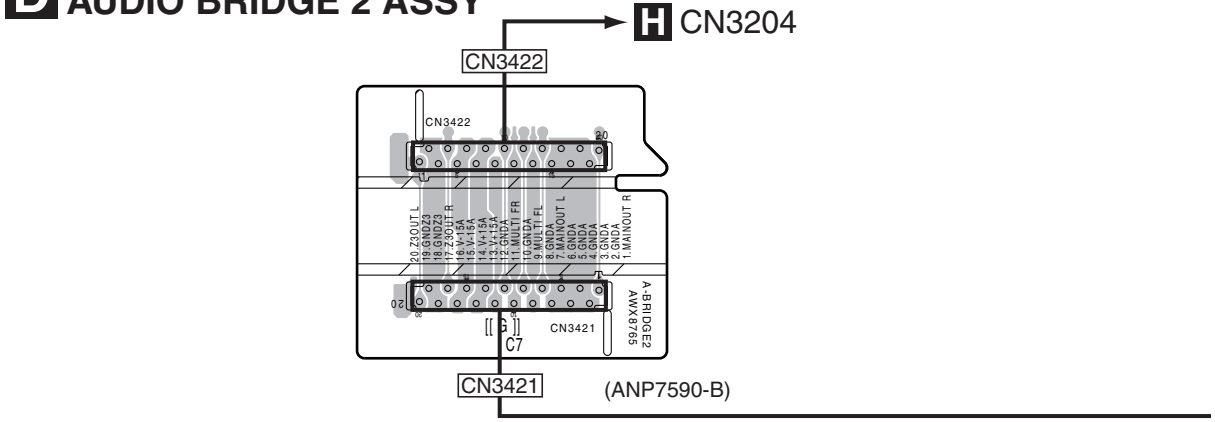
11.1 A-AUDIO, AUDIO BRIDGE 1 and AUDIO BRIDGE 2 ASSYS

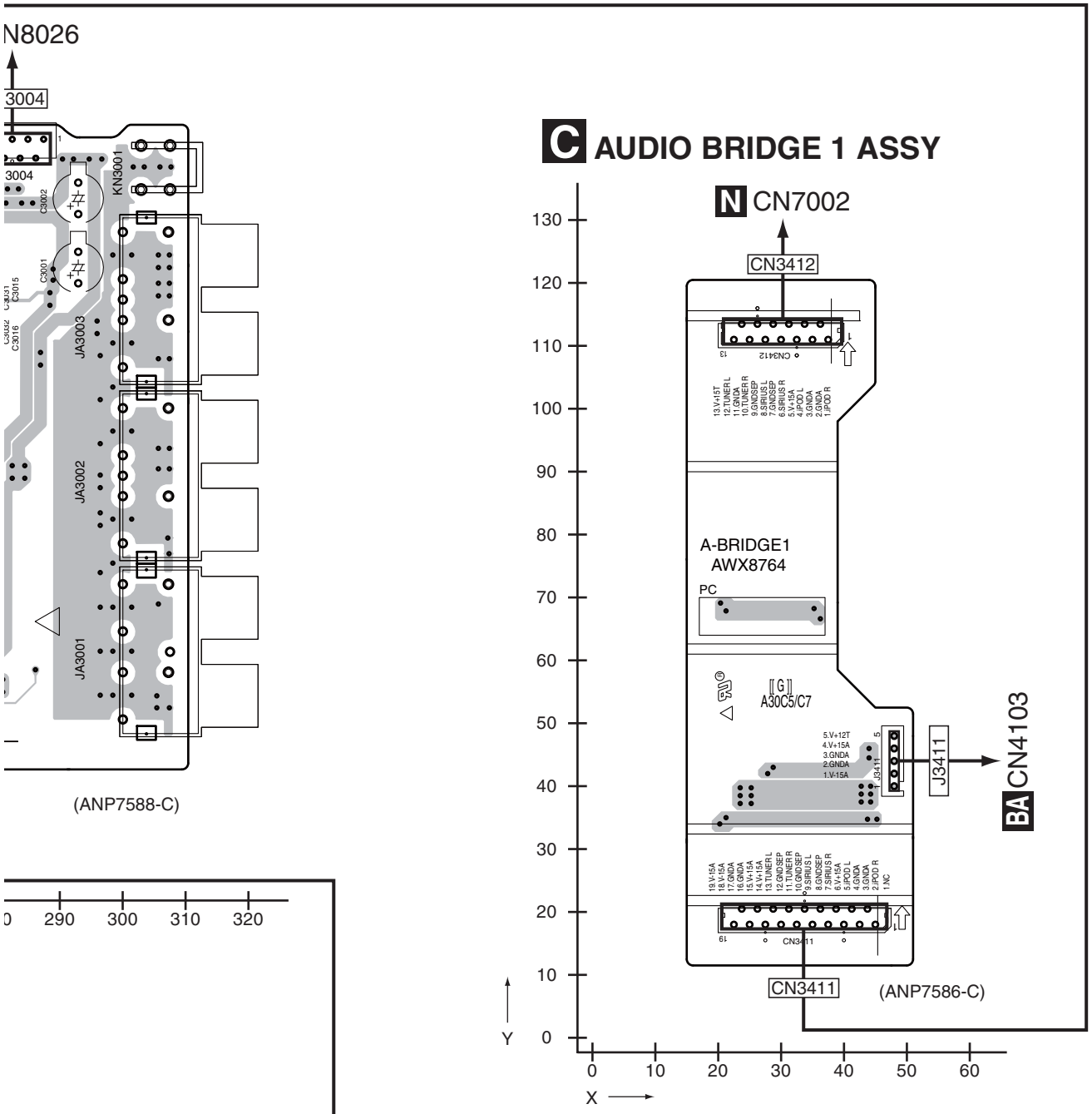
SIDE A

A A-AUDIO ASSY



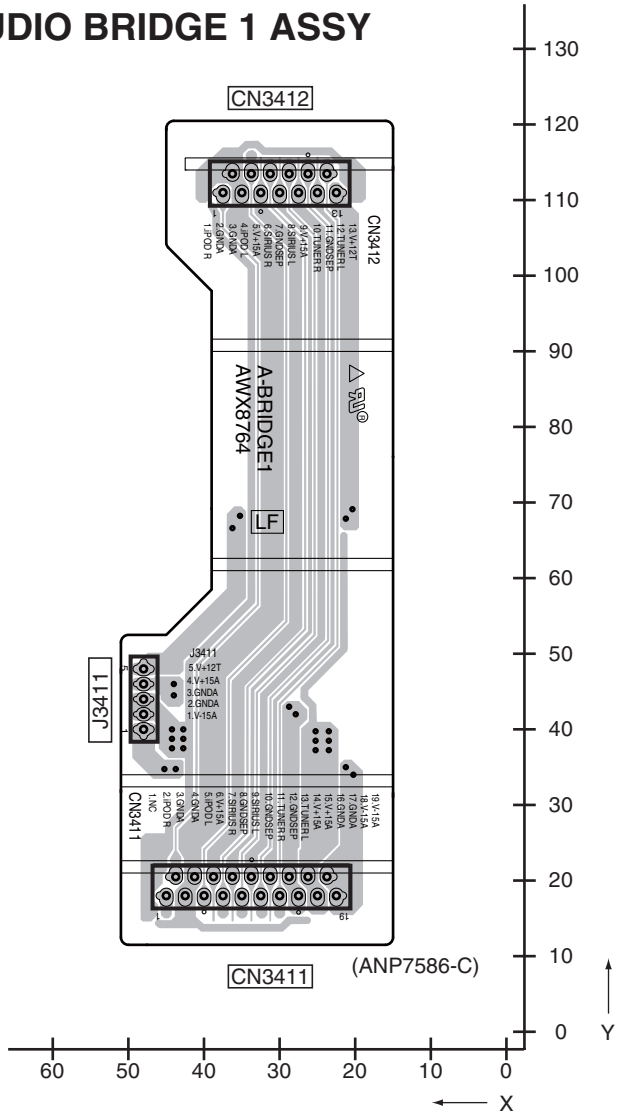
D AUDIO BRIDGE 2 ASSY

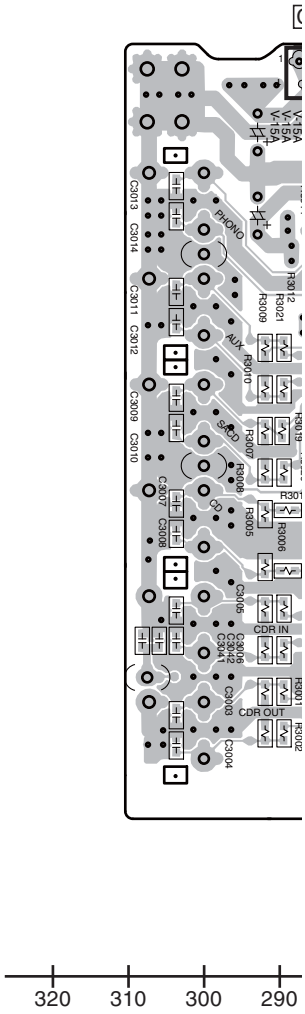



N8026
3004
3004
KN3001
C3002
C3001
C3015
C3016
JA3003
JA3002
JA3001
(ANP7588-C)
C AUDIO BRIDGE 1 ASSY
N CN7002
CN3412
A-BRIDGE1
AWX8764
PC
A30C5/C7
J3411
BA CN4103
CN3411
(ANP7586-C)
Y
X
0
10
20
30
40
50
60
70
80
90
100
110
120
130
290
300
310
320

SIDE B

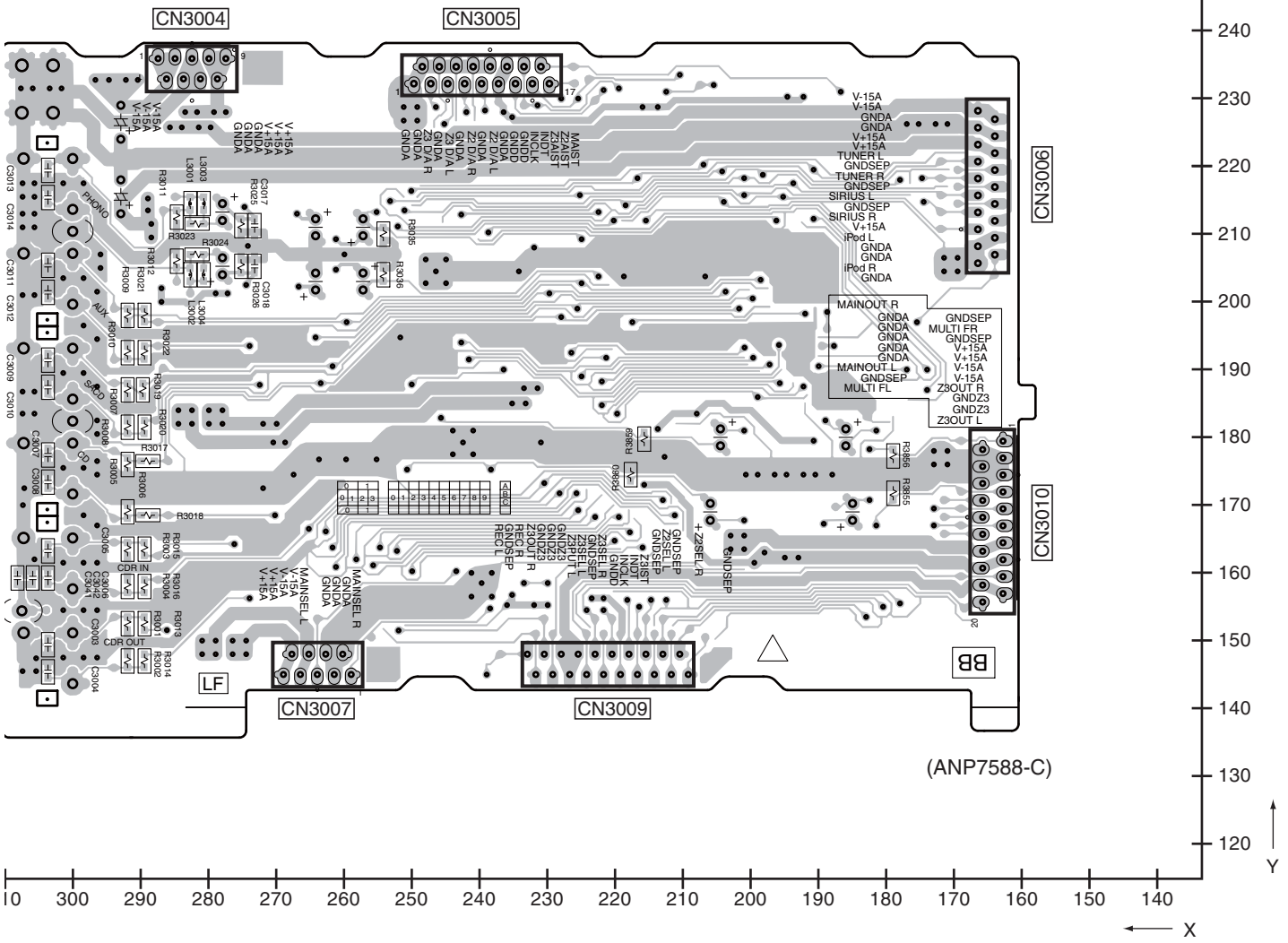
C AUDIO BRIDGE 1 ASSY



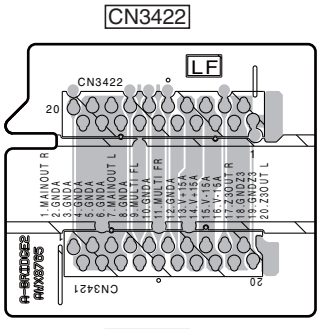


SIDE B

A A-AUDIO ASSY

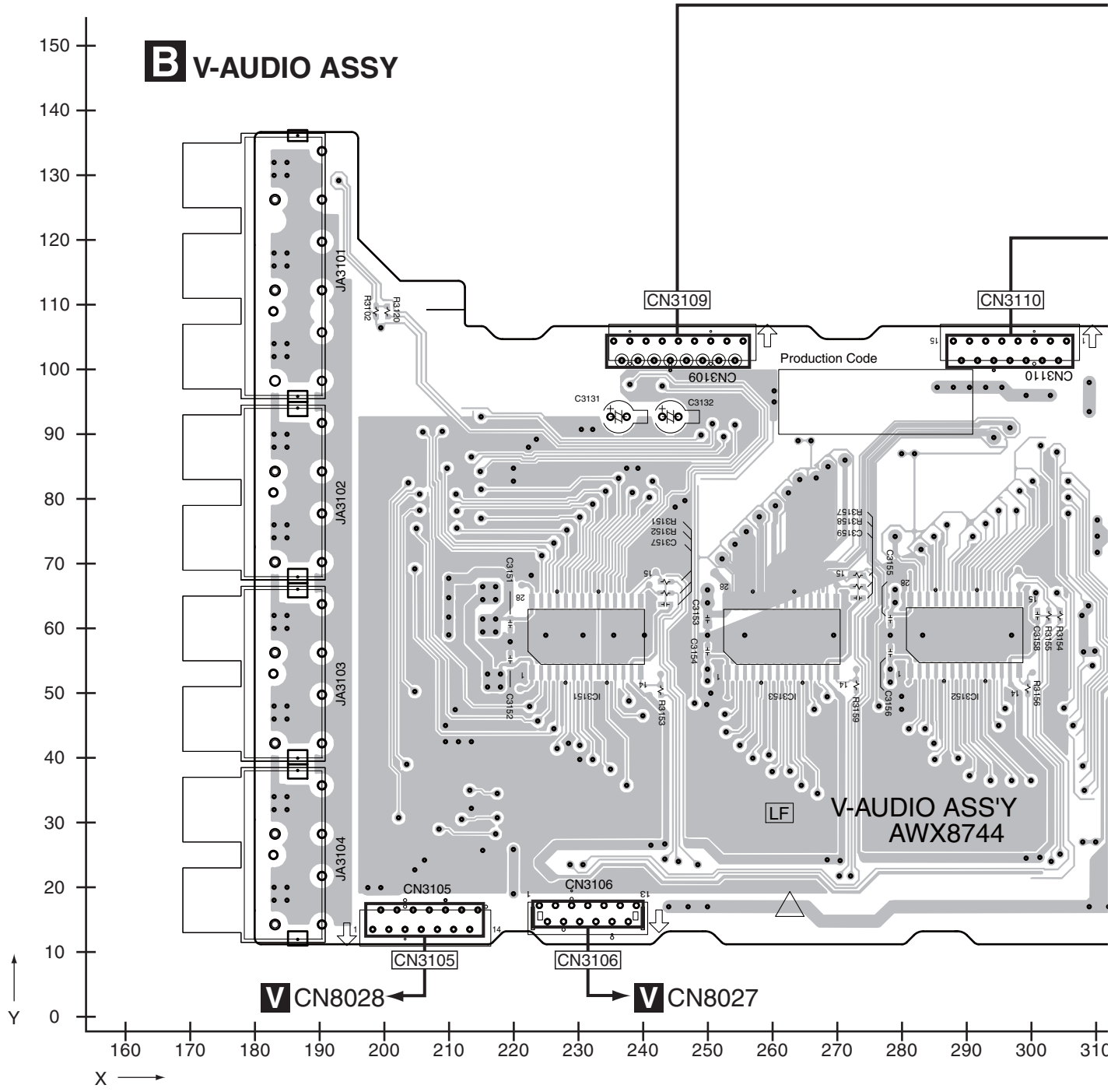


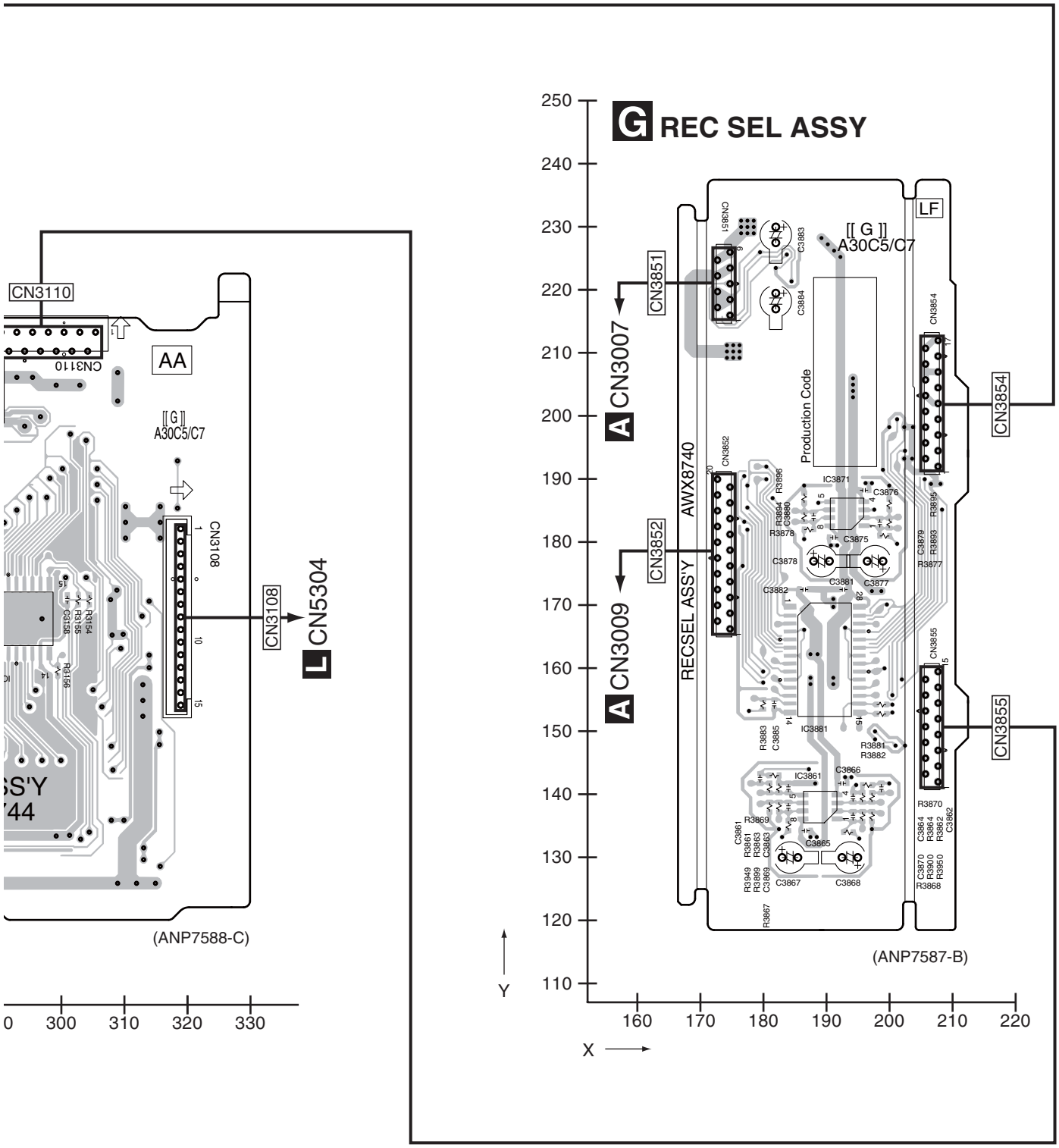
D AUDIO BRIDGE 2 ASSY



11.2 V-AUDIO and REC SEL ASSYS

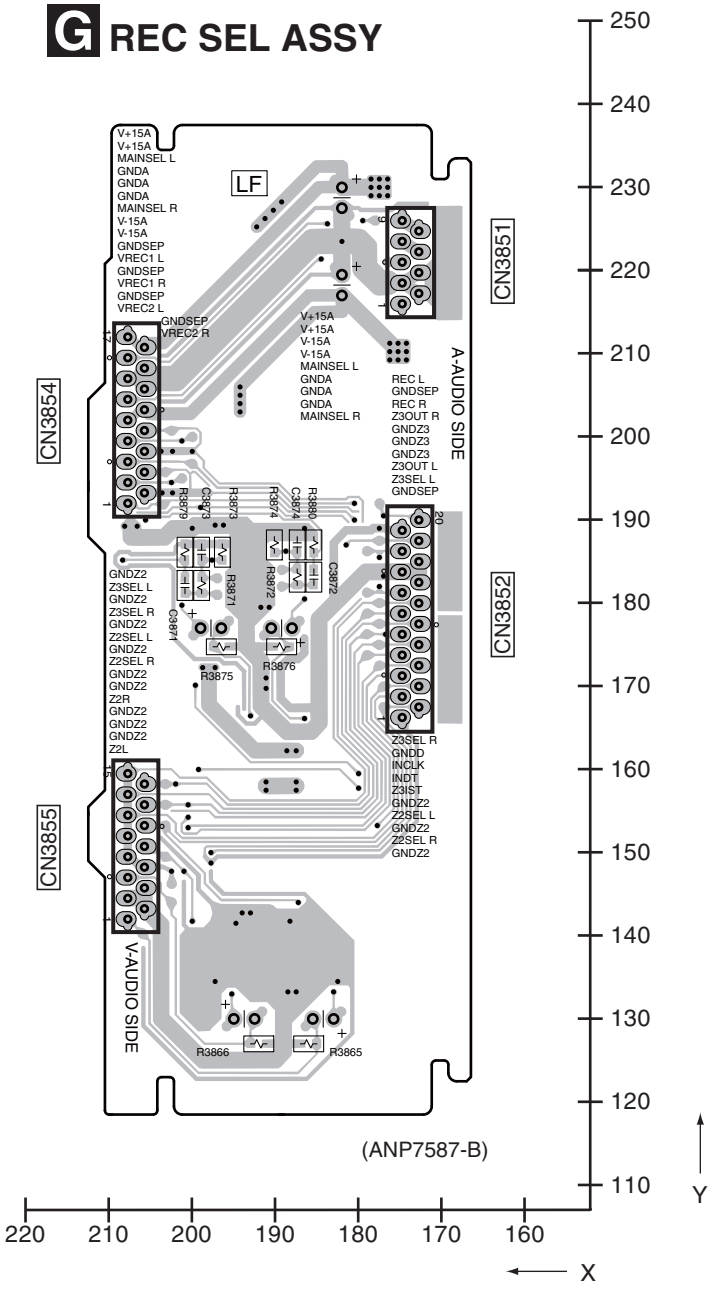
SIDE A

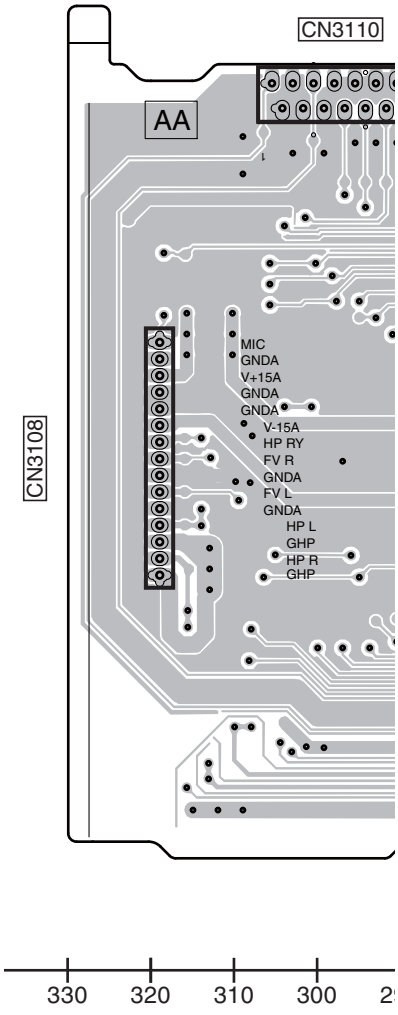



G REC SEL ASSY
CN3110
AA
[[G]]
A30C5/C7
CN3108
CN3108
L CN5304
(ANP7588-C)
CN3851
A CN3007
CN3852
A CN3009
RECSEL ASS'Y
AWX8740
LF
[[G]]
A30C5/C7
Production Code
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CN3855
CN3854
CN3855
(ANP7587-B)
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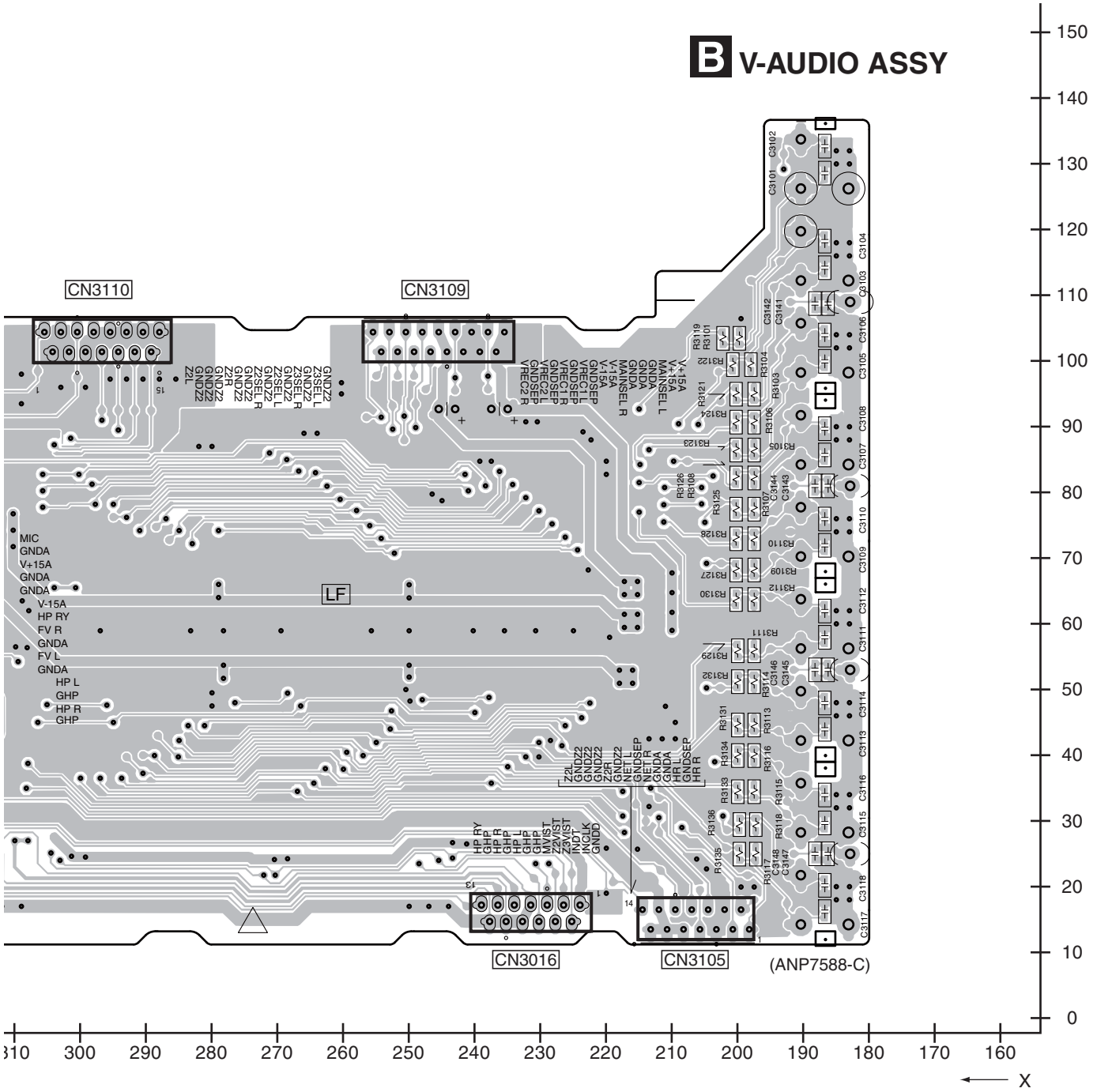
SIDE B

G REC SEL ASSY





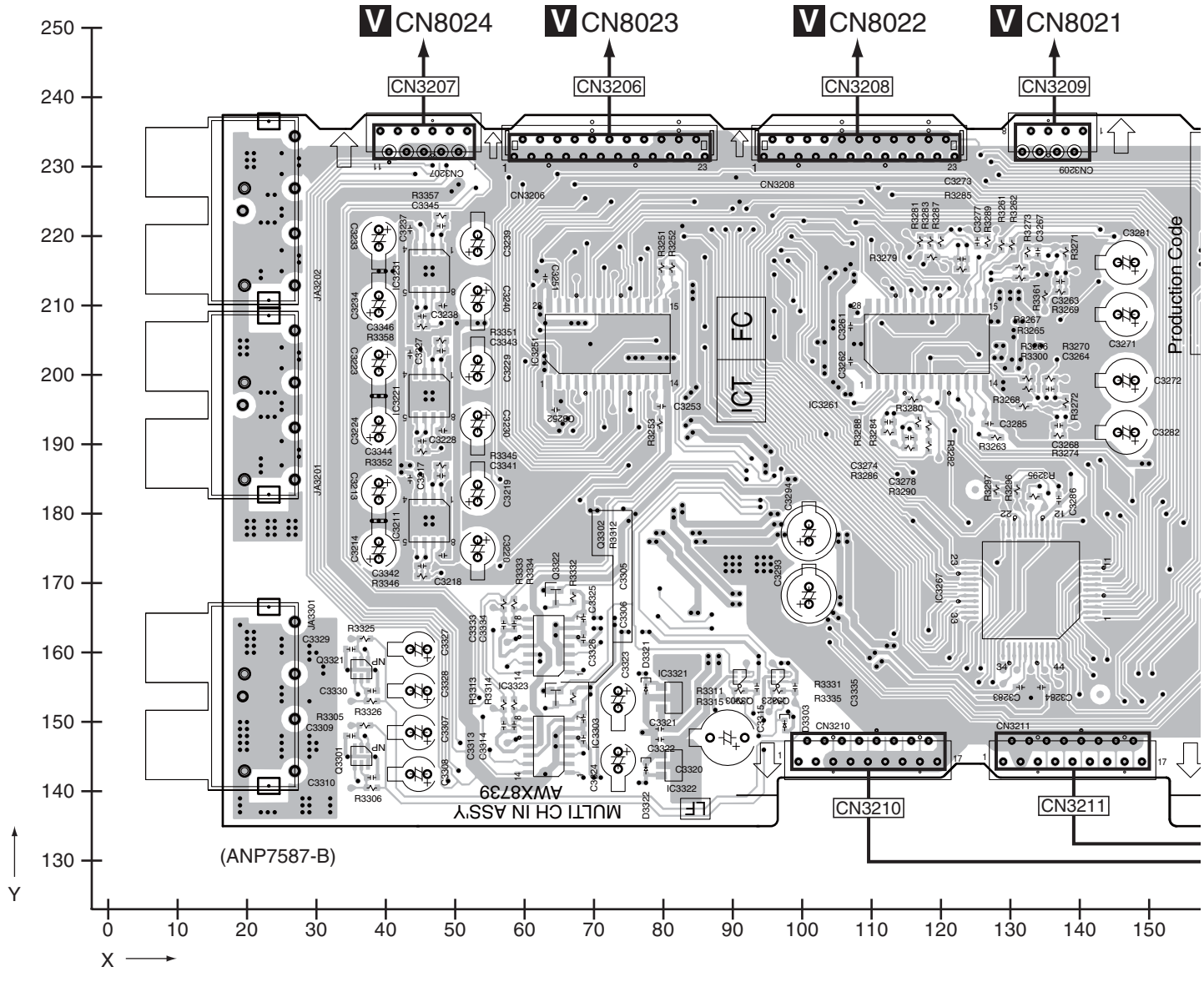
B V-AUDIO ASSY


CN3110
CN3109
CN3016
CN3105
(ANP7588-C)
LF
MIC
GNDA
V+15A
GNDA
GNDA
V-15A
HP RY
FV R
GNDA
FV L
GNDA
HP L
GHP
HP R
GHP
HP RY
GHP
HP R
GHP
HP L
GHP
MVIST
Z2VIST
Z3VIST
INDT
INCLK
GNDD
Z2L
GNDZ2
GNDZ2
Z2R
GNDZ2
NETR
GNDSEP
GNDA
GNDA
HR L
GNDSEP
HR R
GNDZ2
GNDZ2
GNDZ2
Z2L
GNDZ2
GNDZ2
Z2SELL R
GNDZ2
Z2SELL L
GNDZ2
Z3SELL R
GNDZ2
Z3SELL L
GNDZ2
VREC2 R
GNDSEP
VREC2 L
GNDSEP
VREC1 R
GNDSEP
VREC1 L
GNDSEP
MAINSEL R
V-15A
GNDA
GNDA
MAINSEL L
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GNDA
GNDA
V-15A
GNDSEP
V-15A
GNDSEP
V-15A
GNDSEP

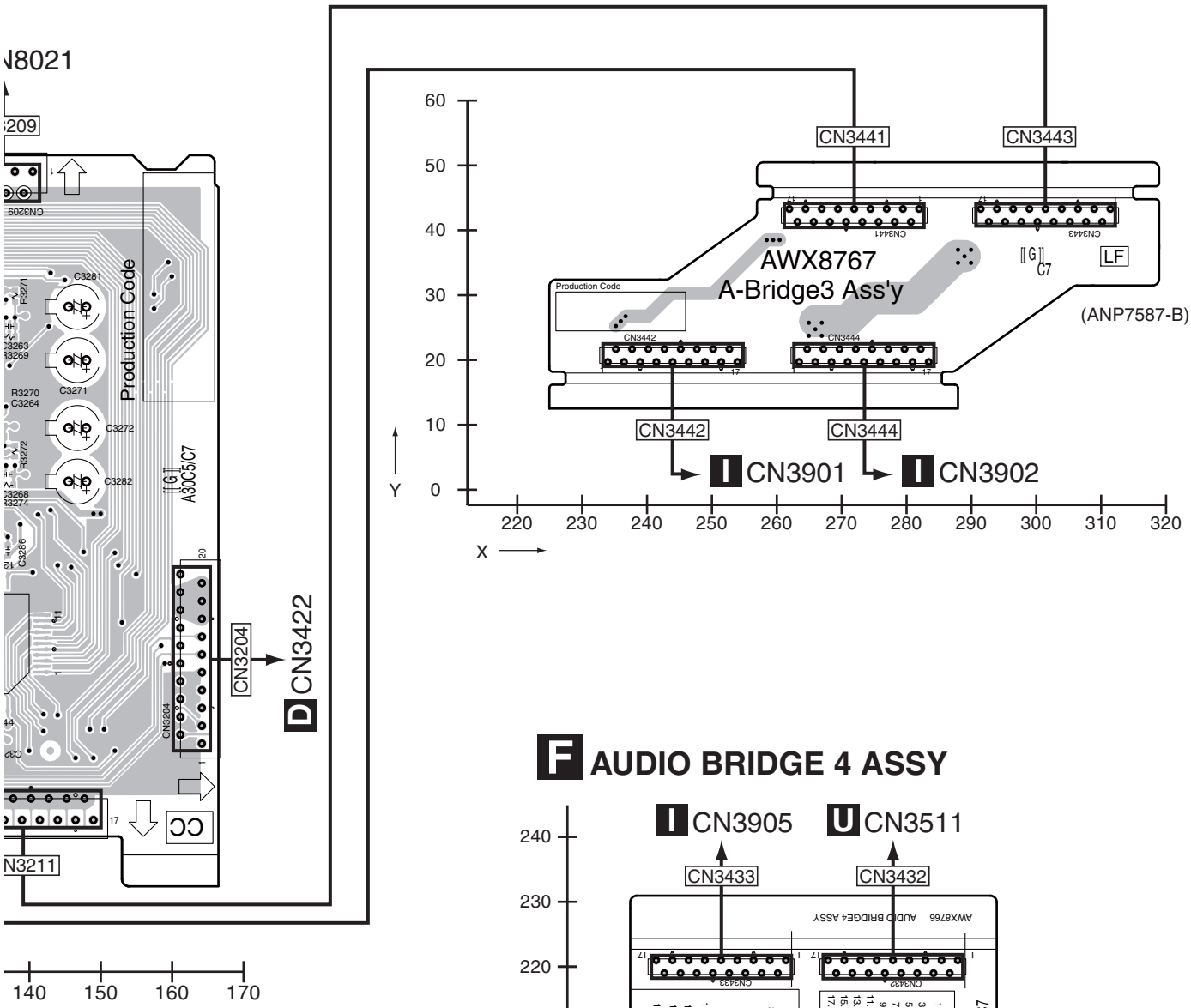
11.3 AUDIO BRIDGE 3, AUDIO BRIDGE 4 and MULTI CH IN ASSYS

SIDE A

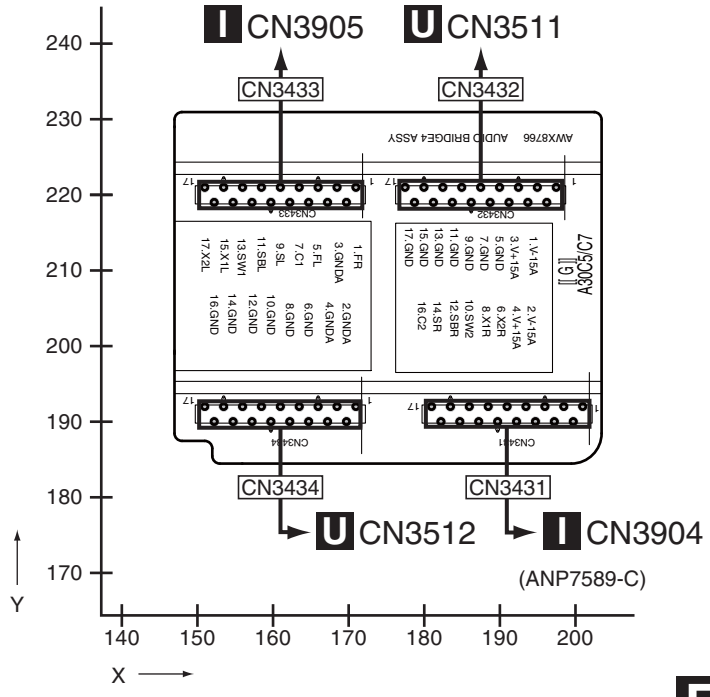
H MULTI CH IN ASSY



E AUDIO BRIDGE 3 ASSY

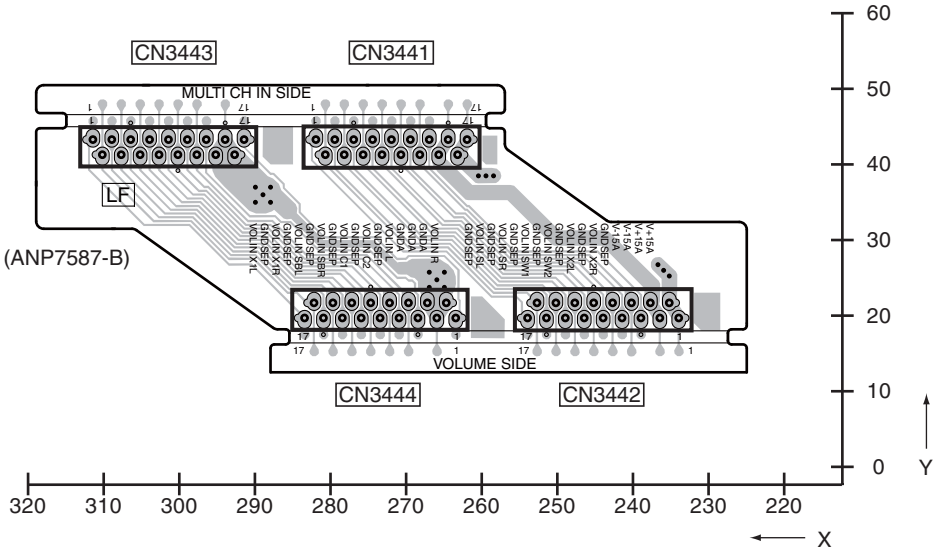


F AUDIO BRIDGE 4 ASSY

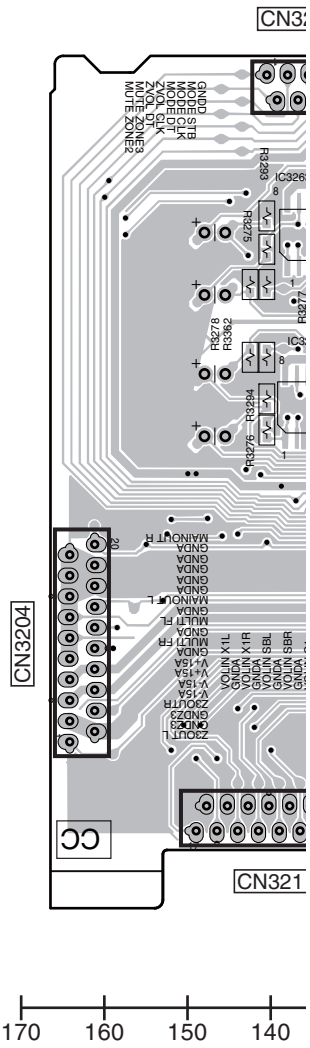


SIDE B

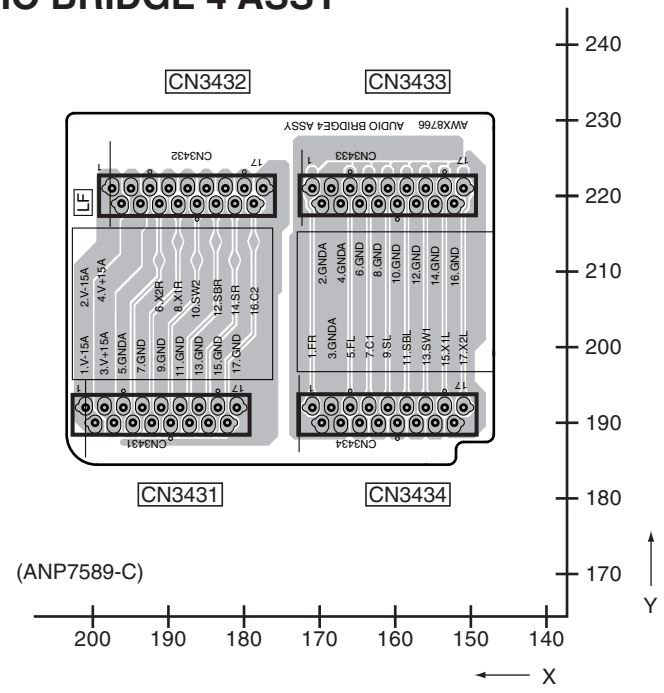
E AUDIO BRIDGE 3 ASSY



H MULTI CH IN

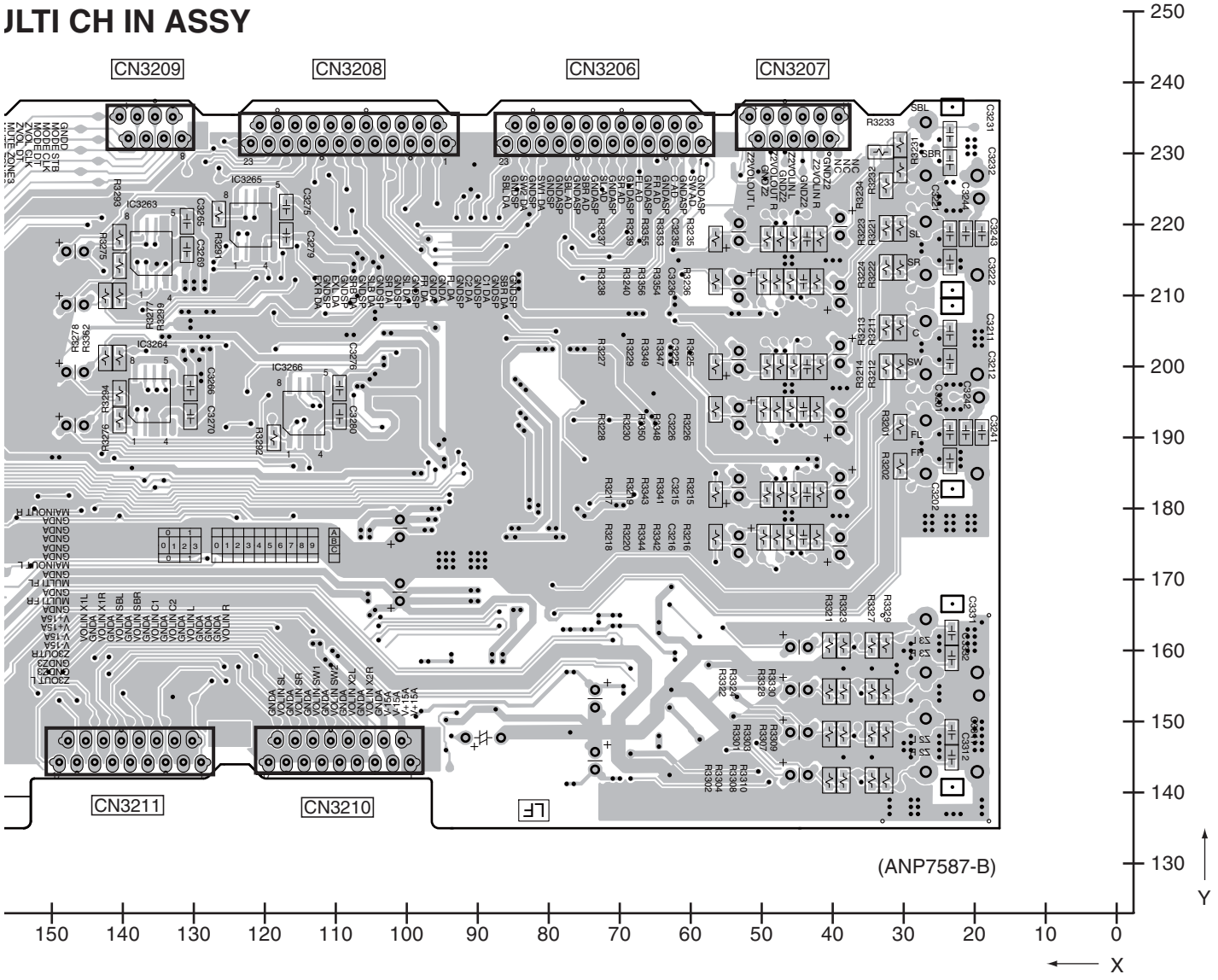


F AUDIO BRIDGE 4 ASSY



SIDE B

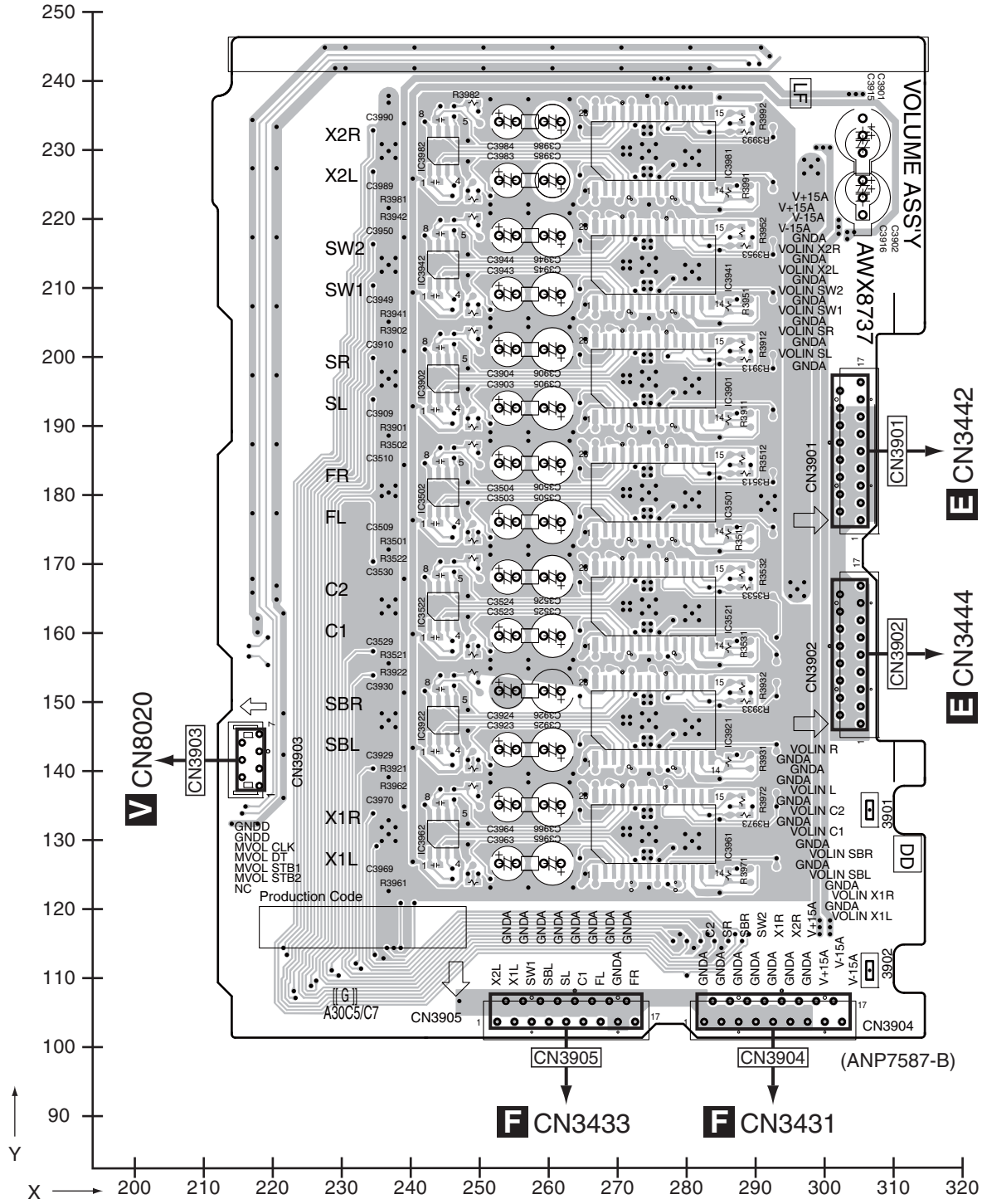
JLTI CH IN ASSY



11.4 VOLUME ASSY

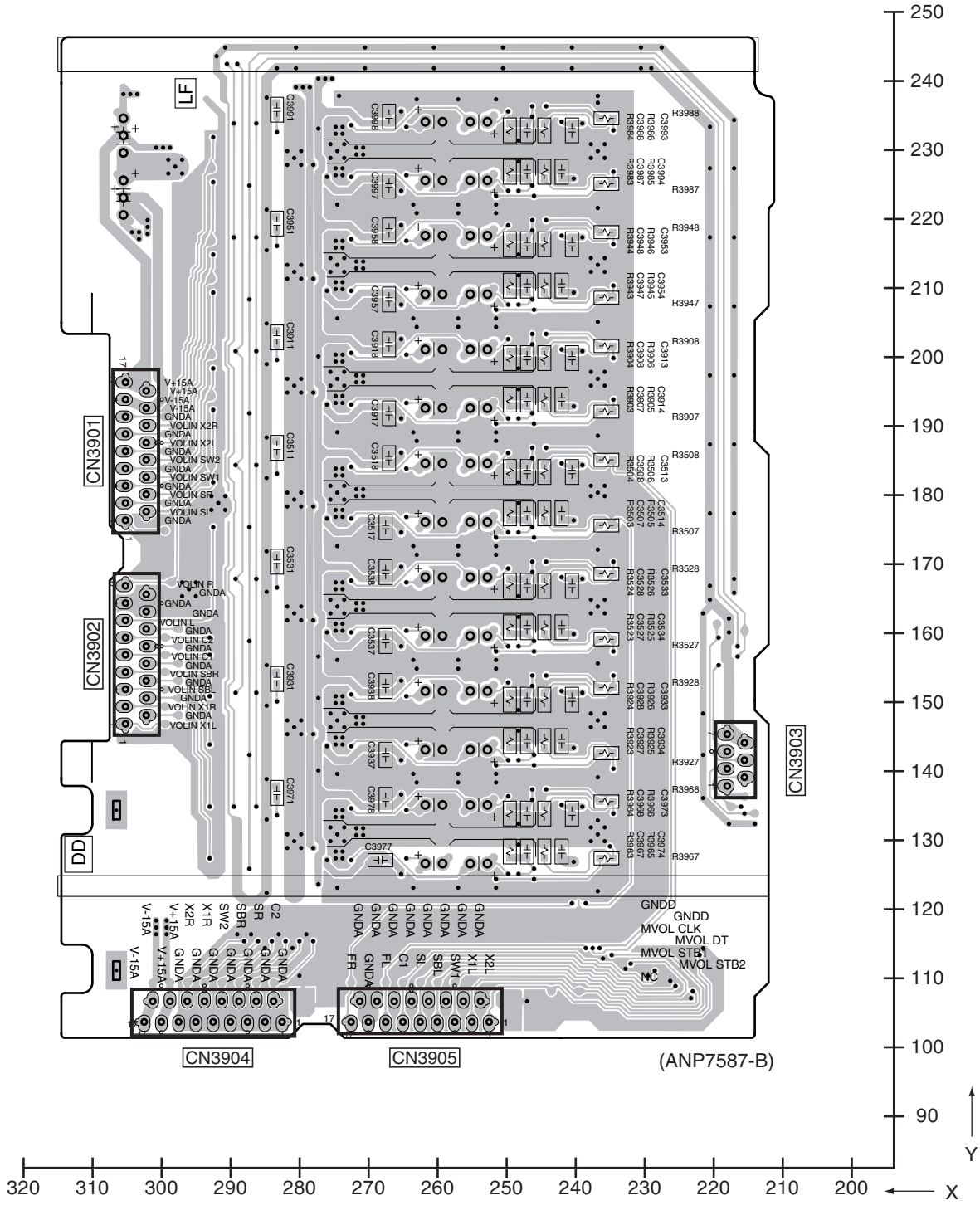
SIDE A **SIDE A**

I VOLUME ASSY



SIDE B

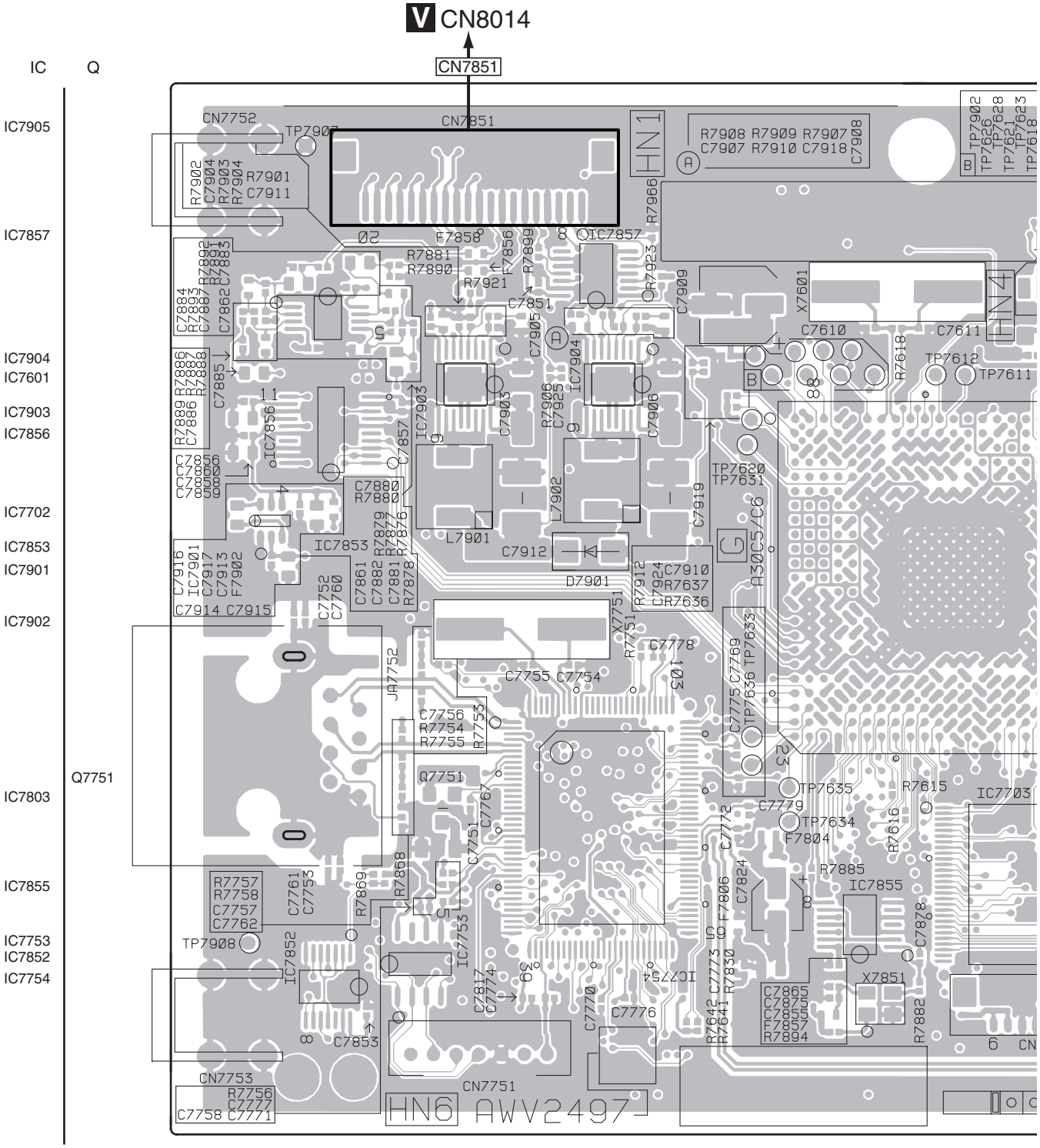
VOLUME ASSY



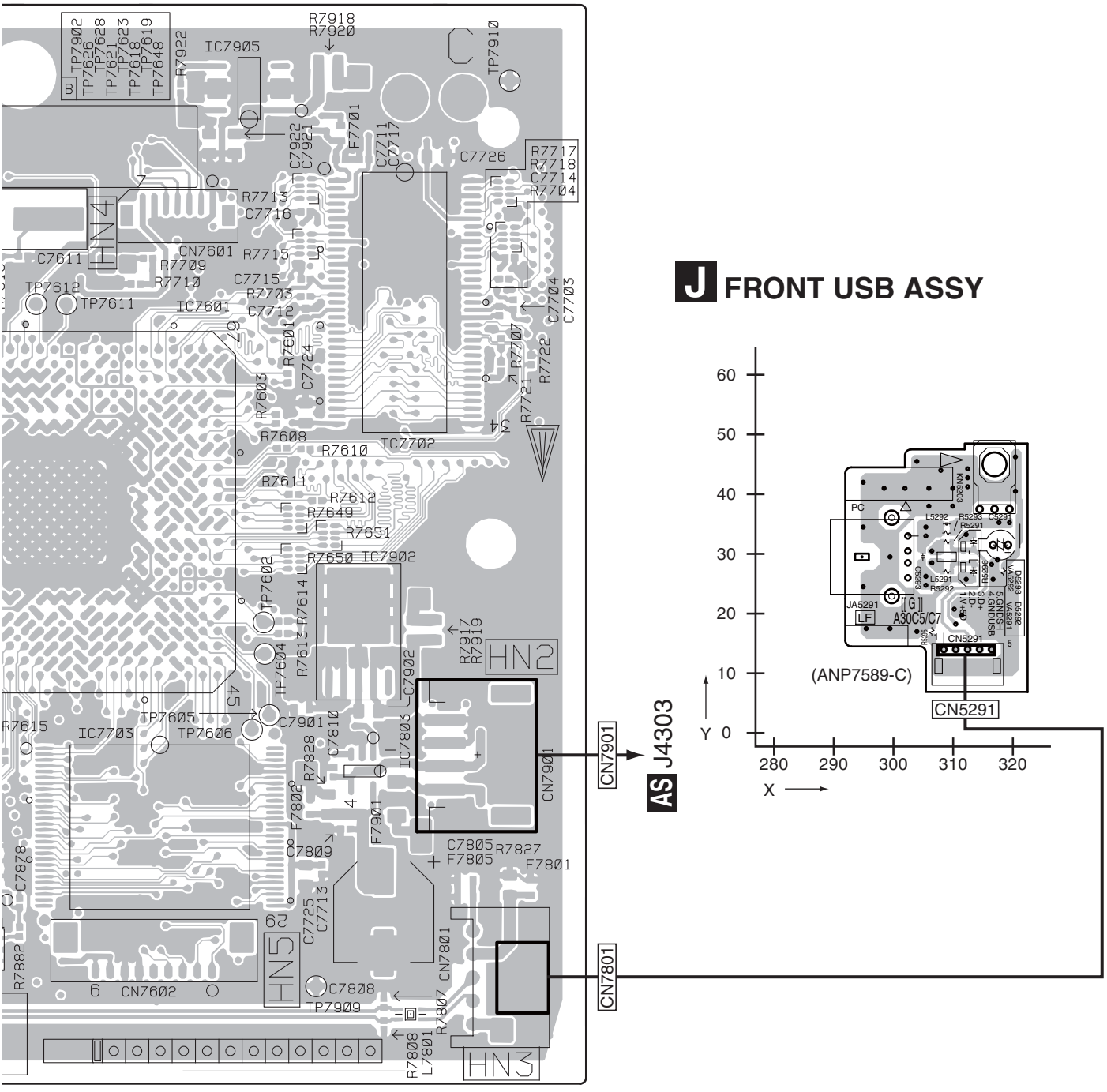
11.5 FRONT USB and HN MODULE ASSYS

SIDE A

T HN MODULE ASSY

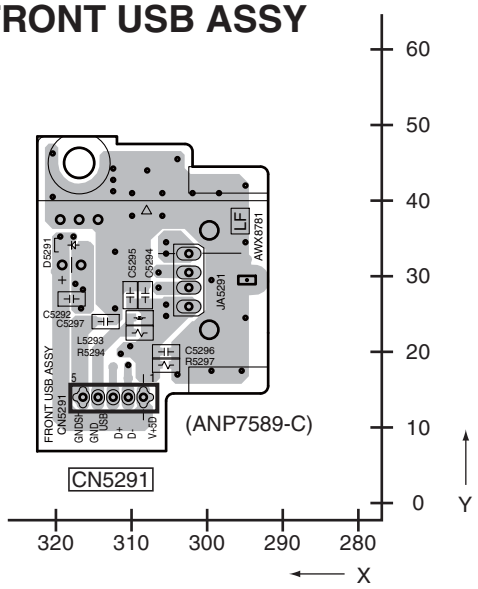


SIDE A


J FRONT USB ASSY
(ANP2192-A)
(ANP7589-C)
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J4303
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SIDE B

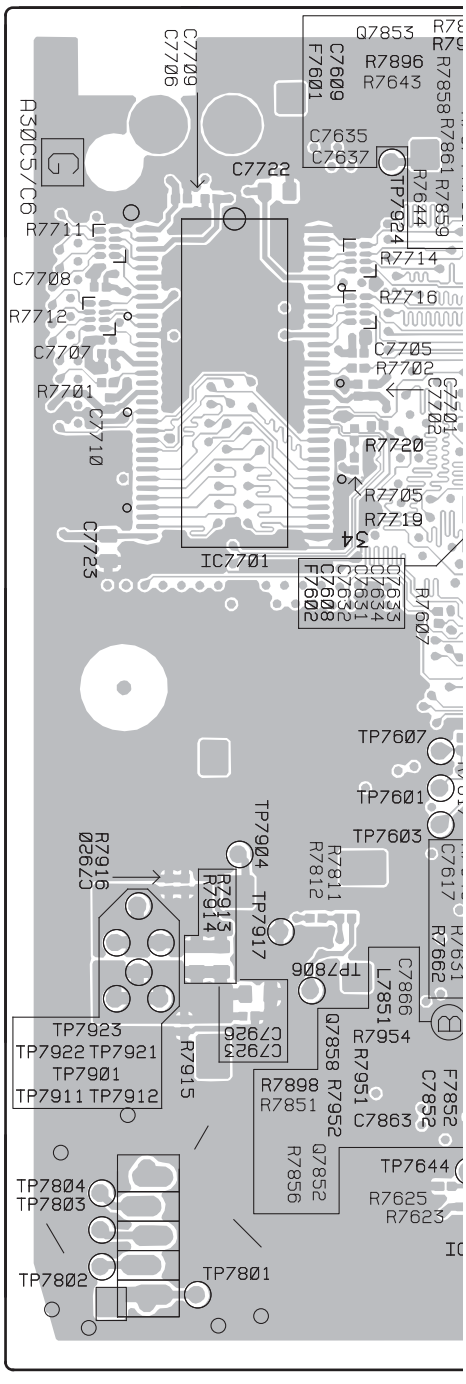
J FRONT USB ASSY



IC Q

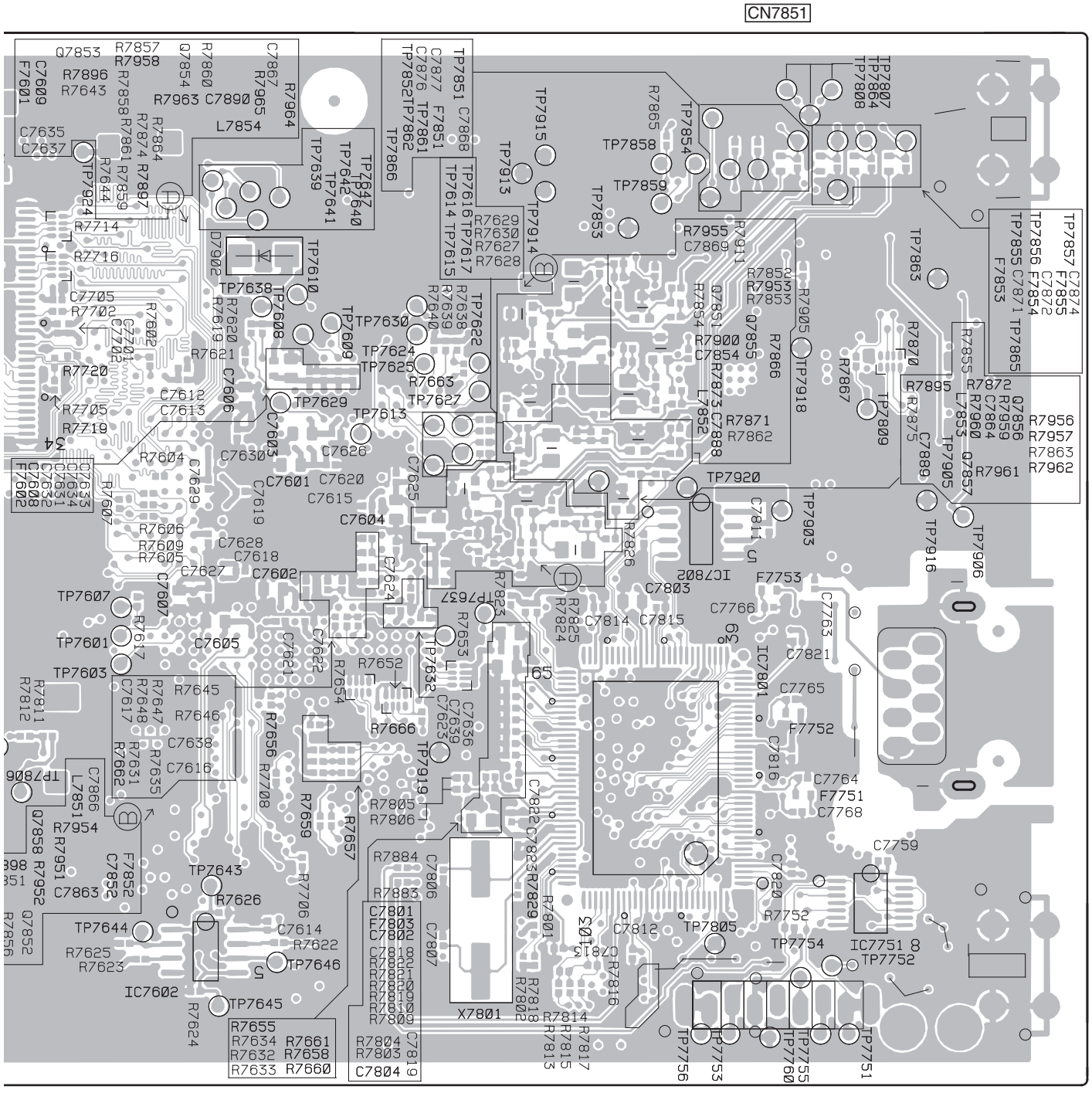
Q7854
Q7851
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IC7701
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IC7802
IC7801
Q7858
Q7852
IC7751
IC7602

T HN MODULE ASSY



(ANP2192-A)

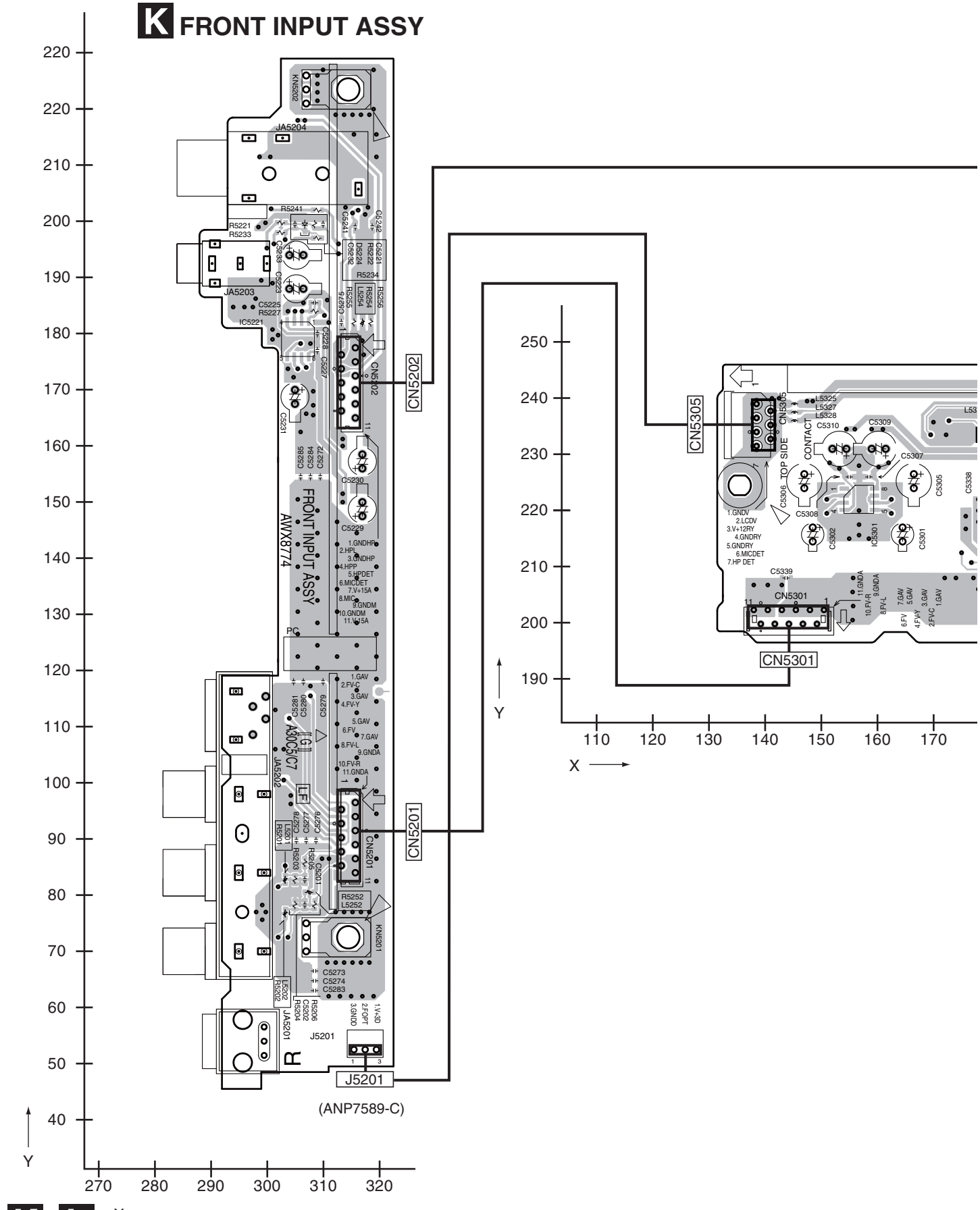
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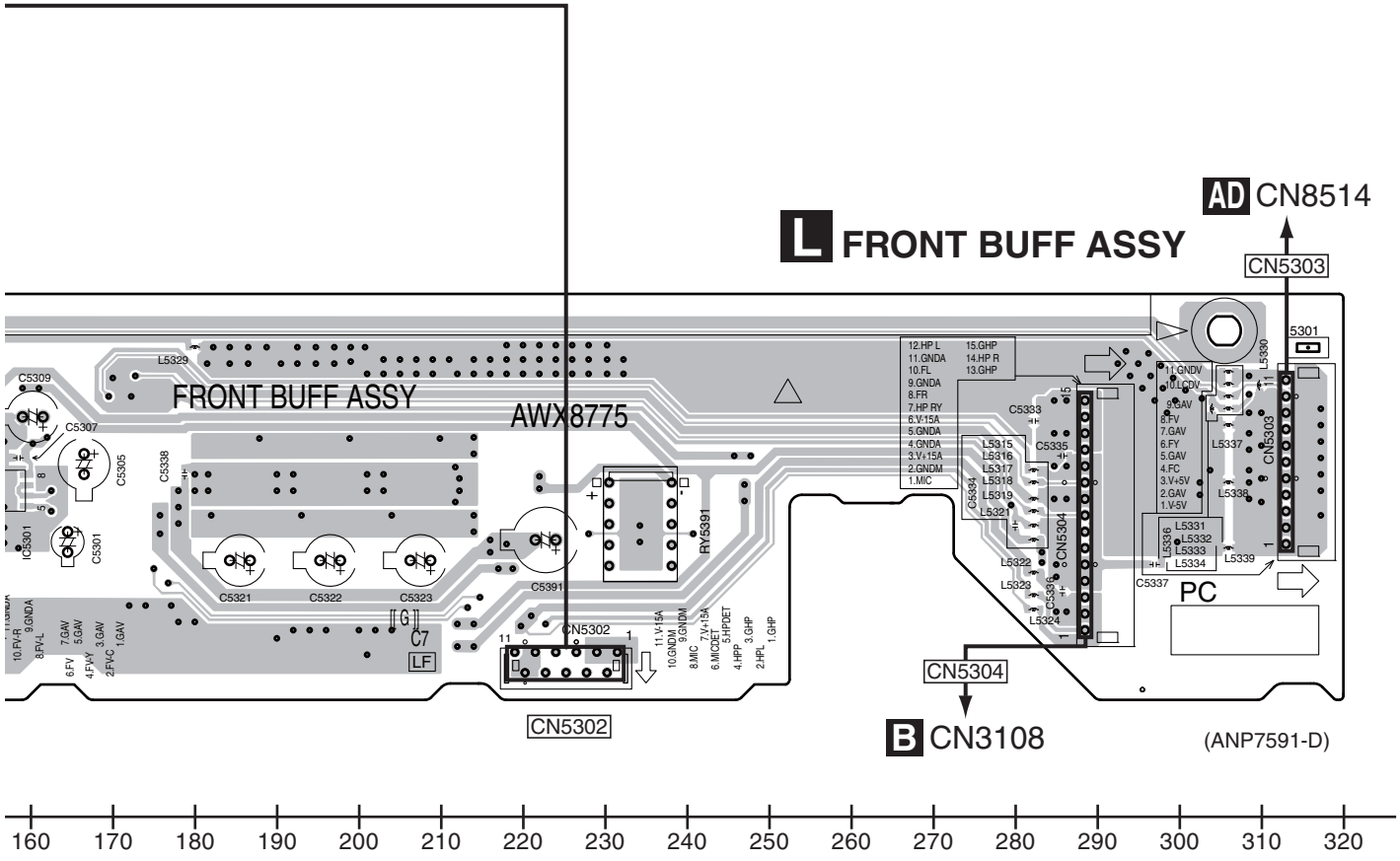
11.6 FRONT INPUT and FRONT BUFF ASSYS

SIDE A

K FRONT INPUT ASSY

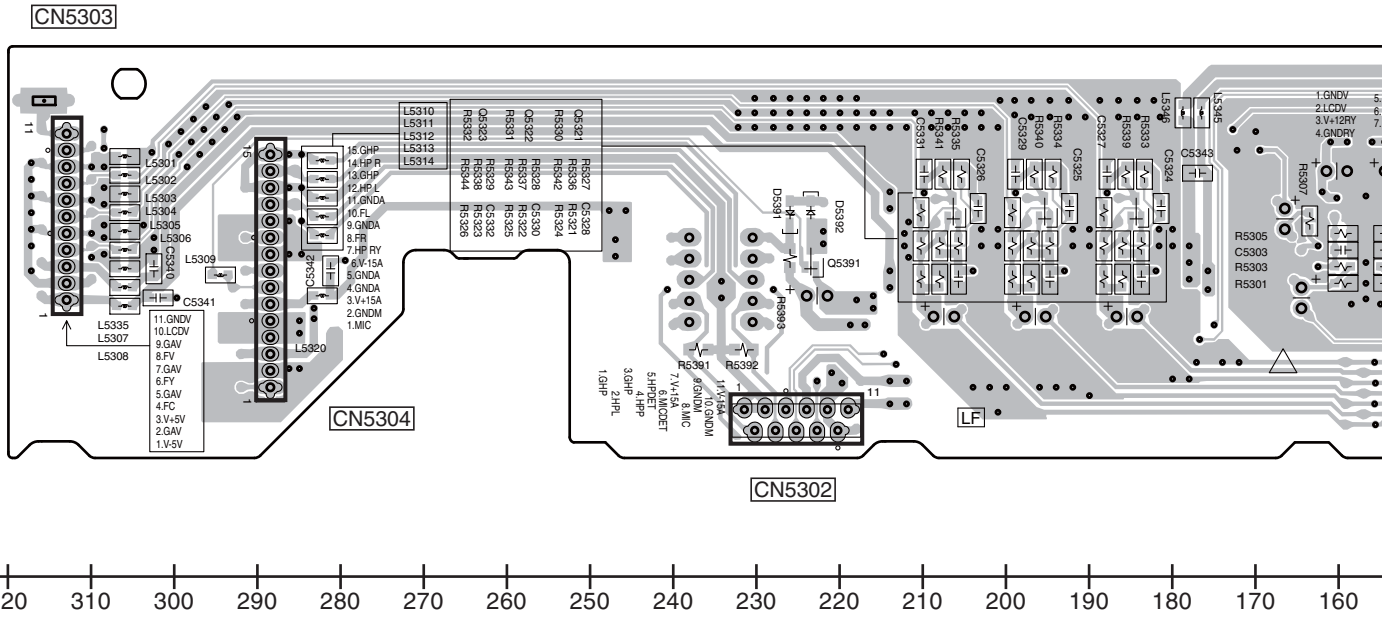


SIDE A

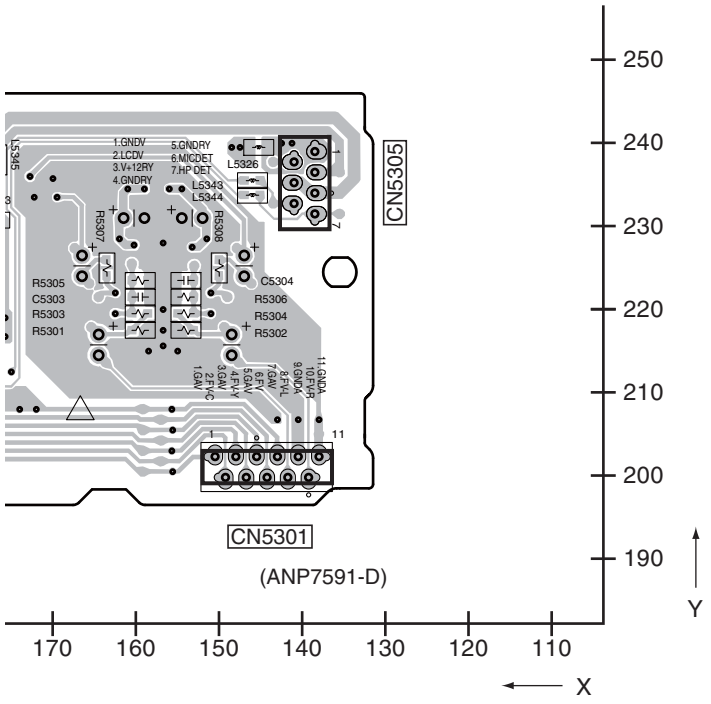

AD CN8514
L FRONT BUFF ASSY
CN5303
FRONT BUFF ASSY
AWX8775
CN5304
B CN3108
CN5302
(ANP7591-D)
PC

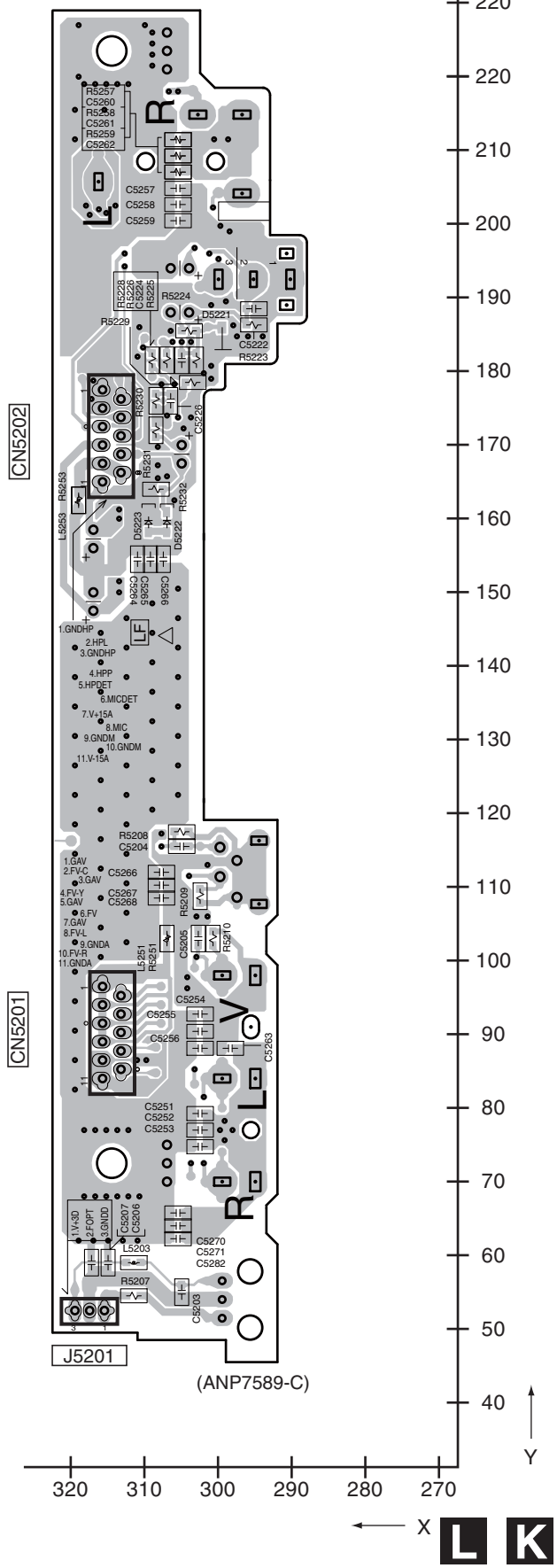
SIDE B

L FRONT BUFF ASSY



K FRONT INPUT ASSY

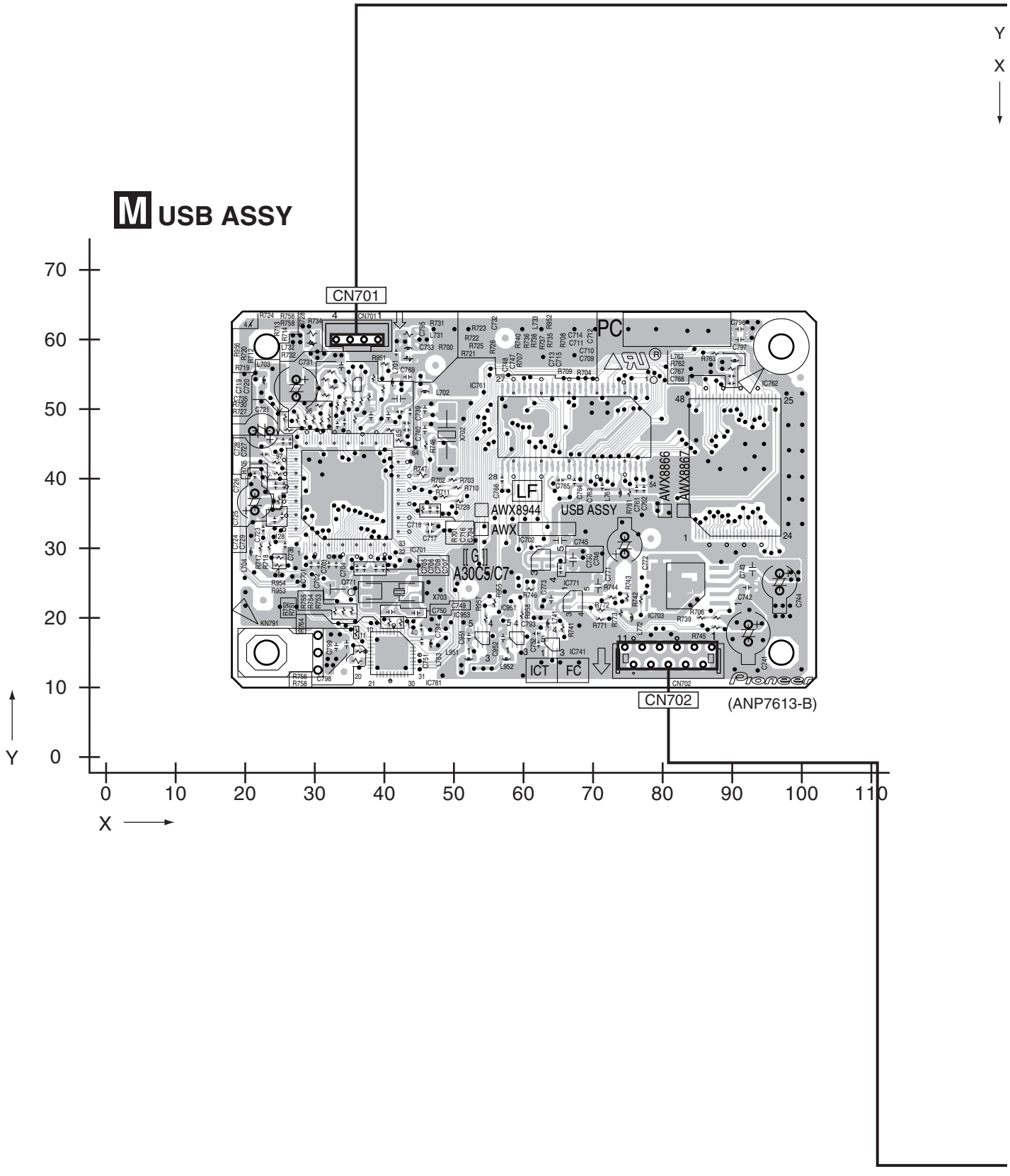


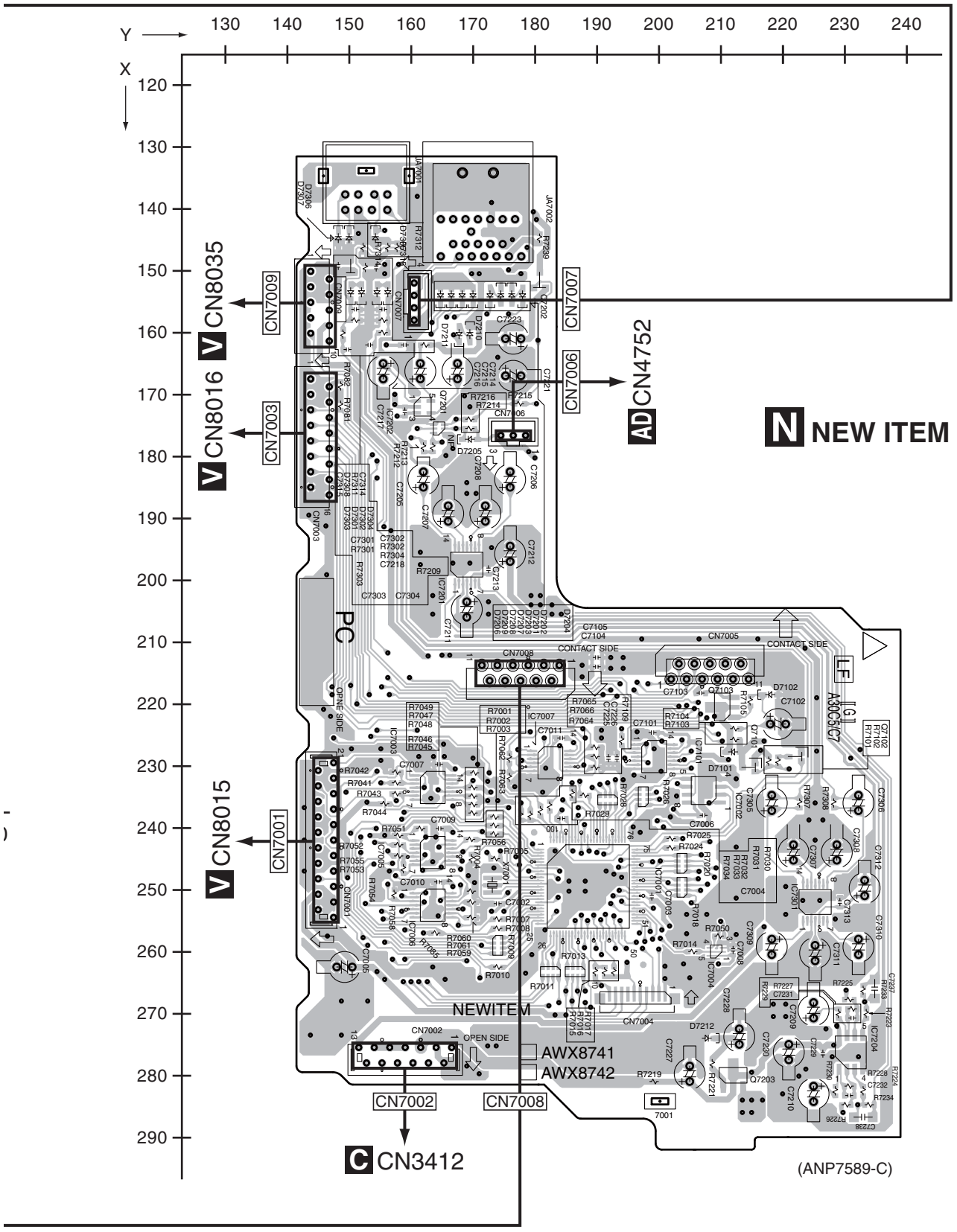


11.7 USB and NEW ITEM ASSYS

SIDE A

M USB ASSY




CN8035
CN8016
CN8015
CN3412
CN7009
CN7003
CN7001
CN7007
CN7006
CN4752
CN7002
CN7008
NEW ITEM ASSY
PC
LF
NEWITEM
AWX8741
AWX8742
CONTACT SIDE
OPEN SIDE
(ANP7589-C)

SIDE B

A

B

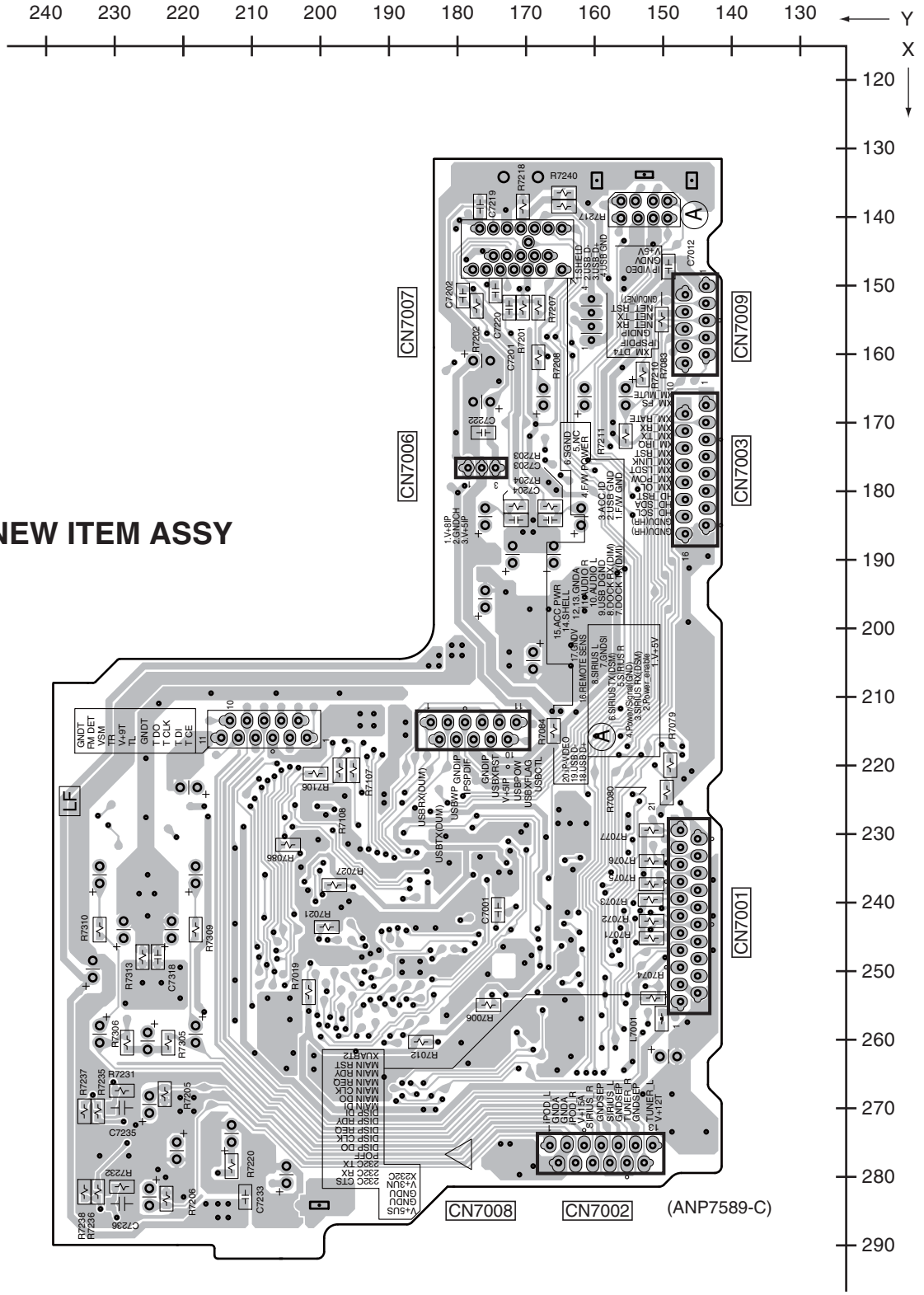
C

N NEW ITEM ASSY

D

E

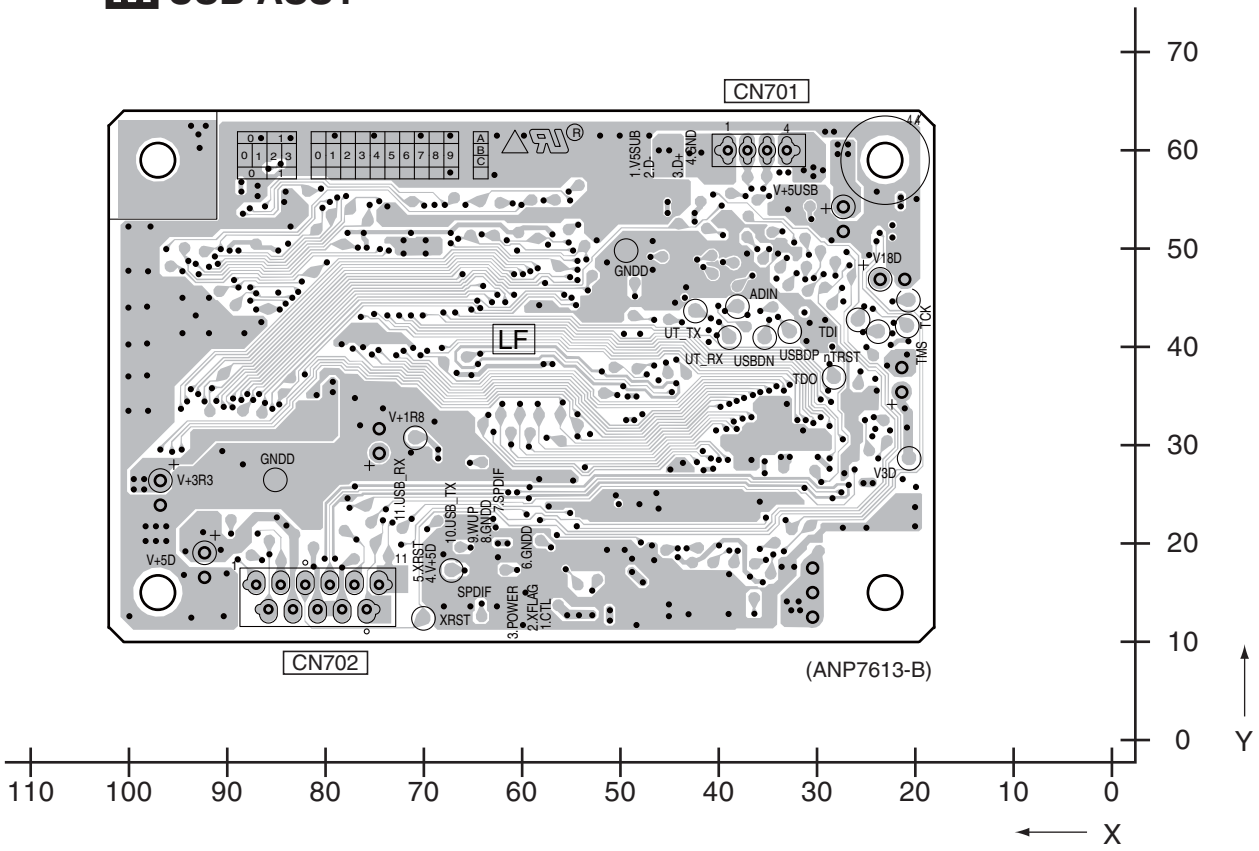
F



110

SIDE B

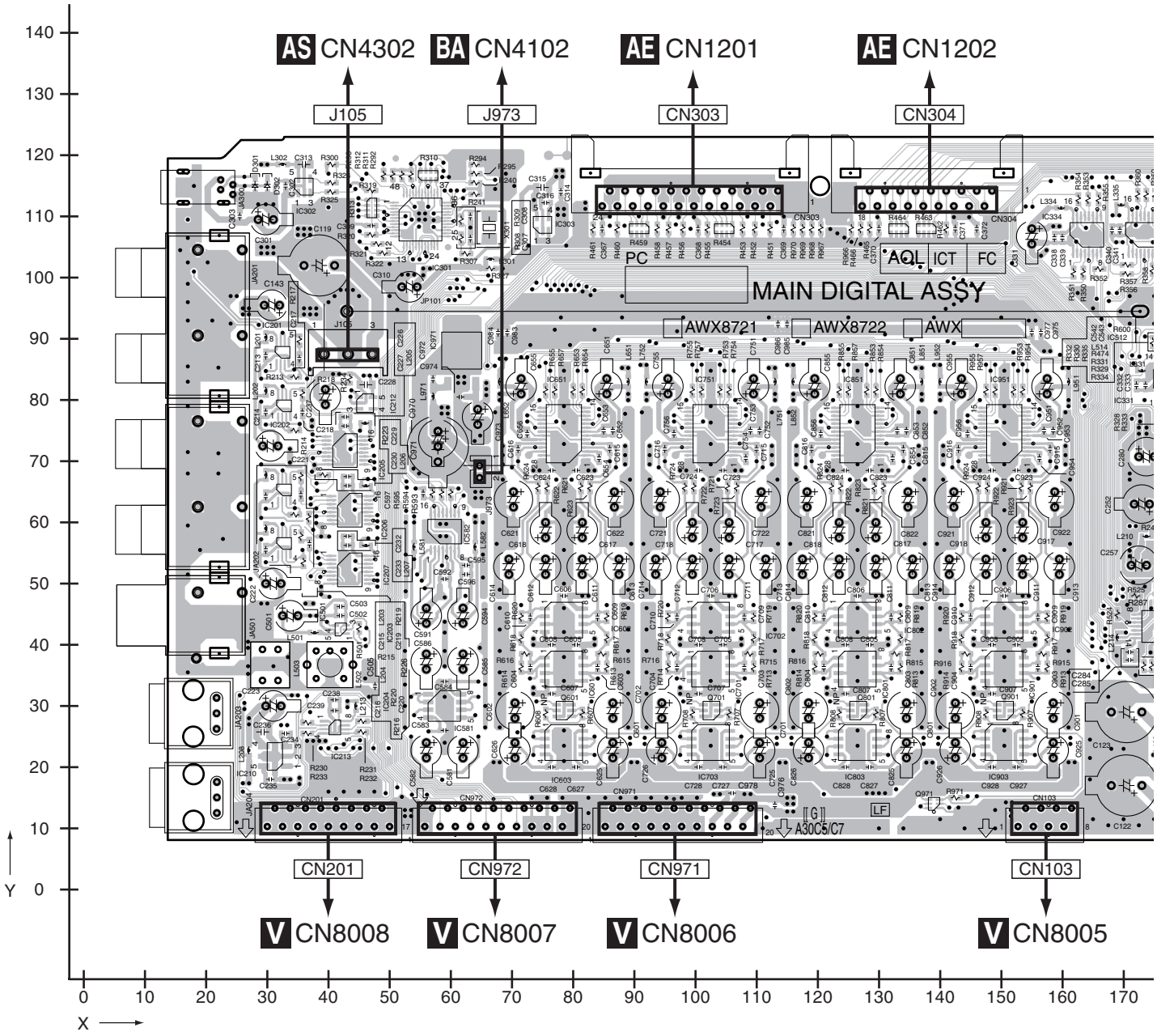
M USB ASSY



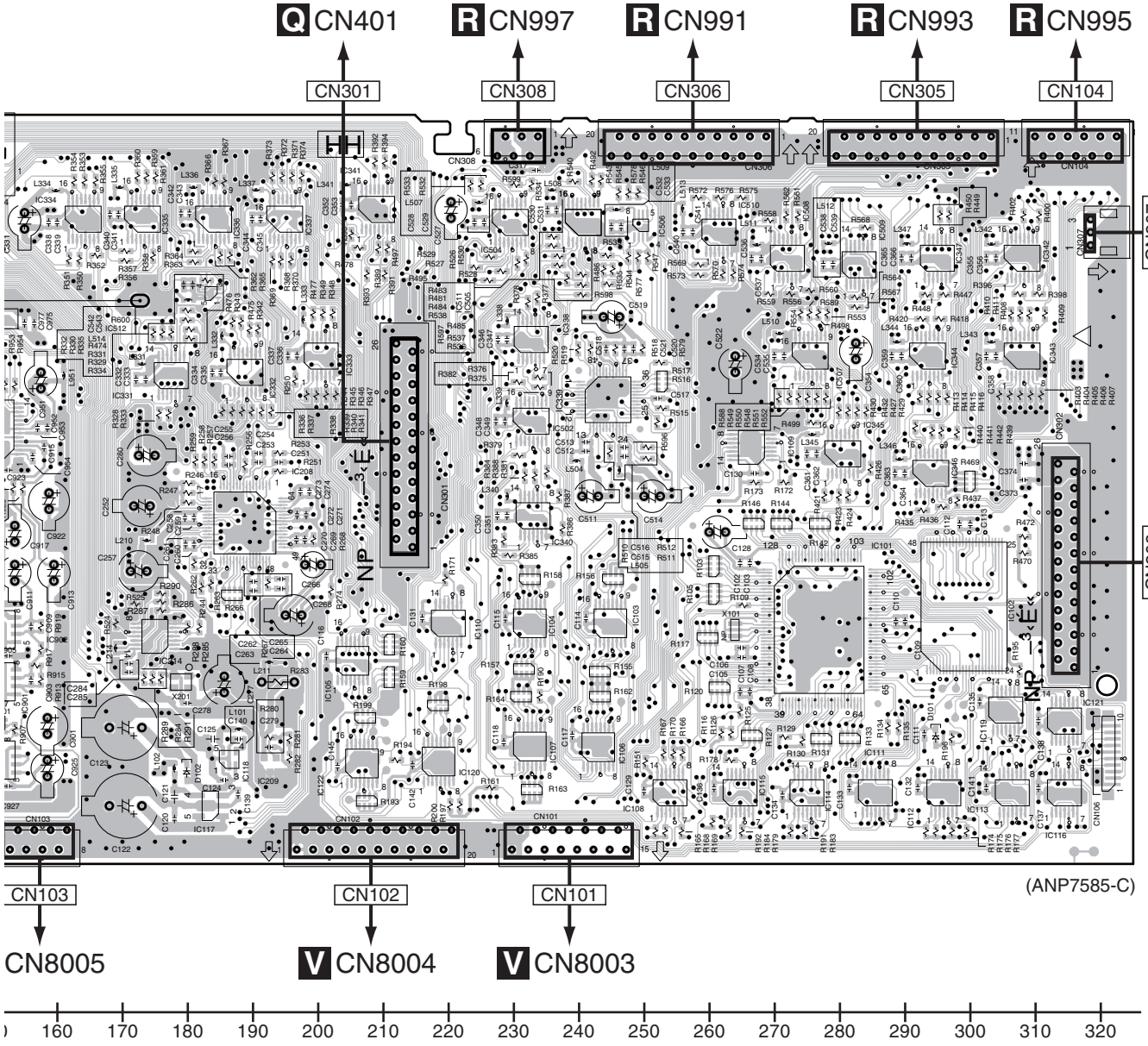
11.8 MAIN DIGITAL ASSY

SIDE A

O MAIN DIGITAL ASSY

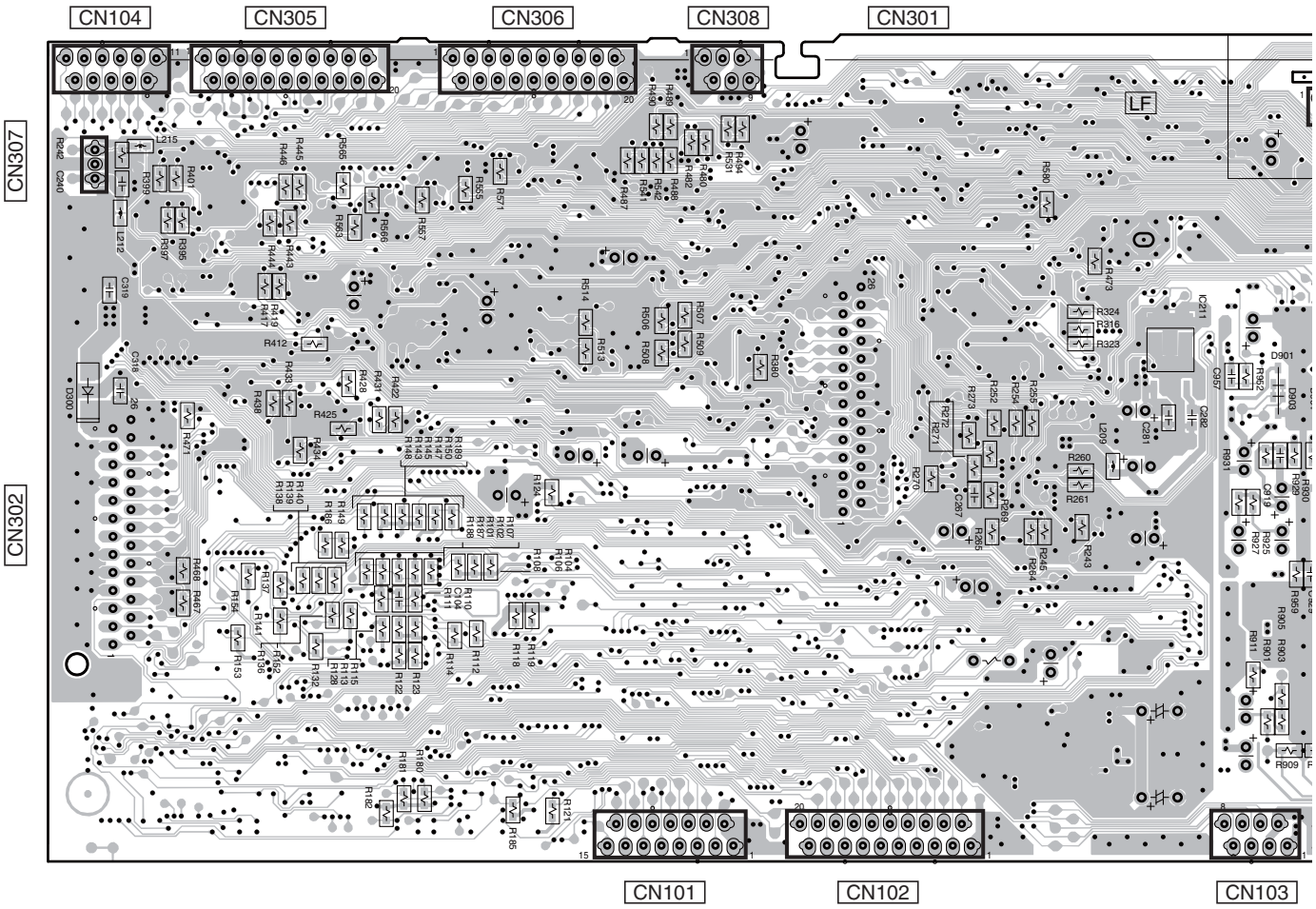


SIDE A

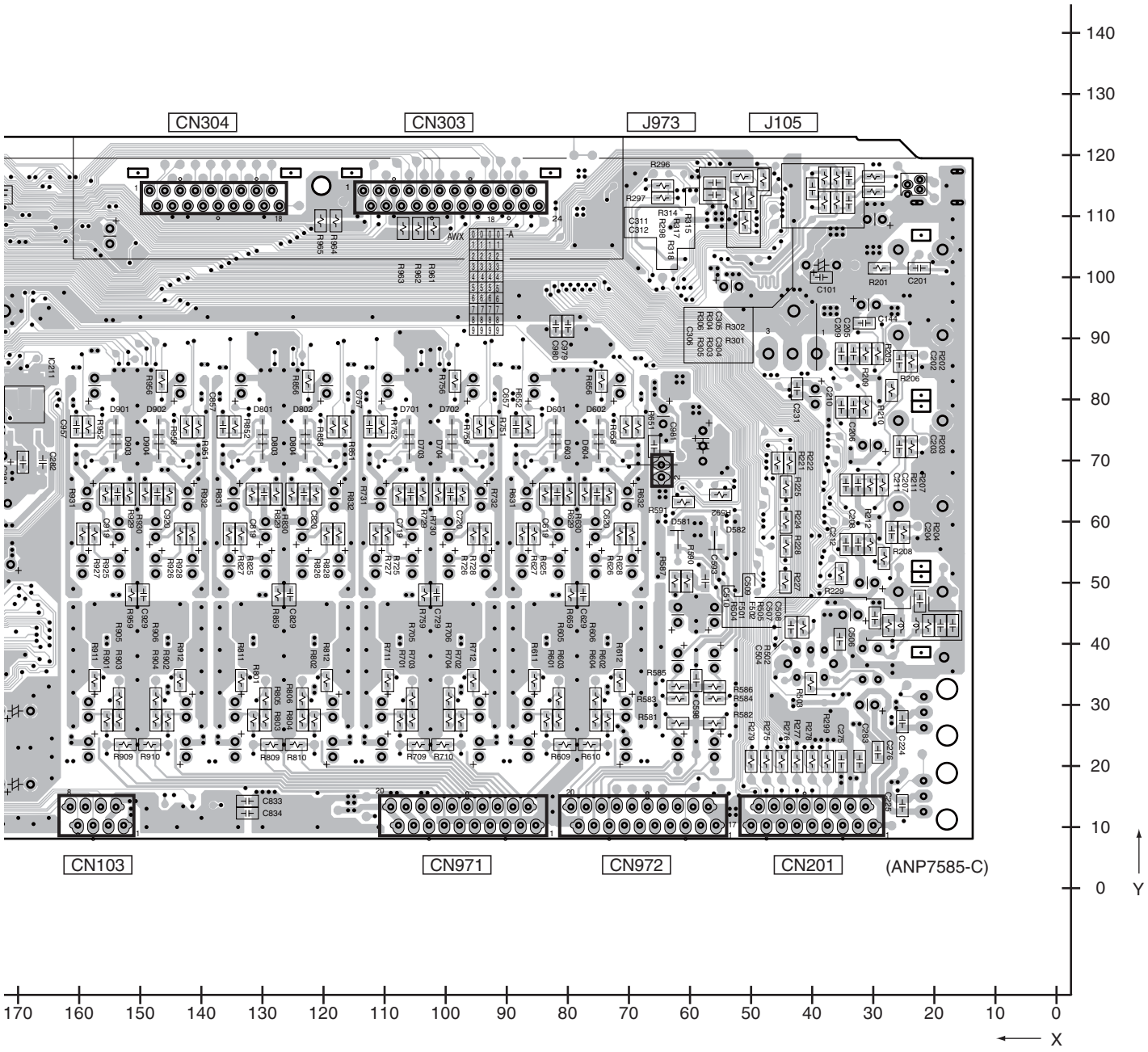

Q CN401
R CN997
R CN991
R CN993
R CN995
CN301
CN308
CN306
CN305
CN104
CN307
K J5201
CN302
Q CN402
CN103
CN102
CN101
(ANP7585-C)
CN8005
V CN8004
V CN8003
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SIDE B

O MAIN DIGITAL ASSY



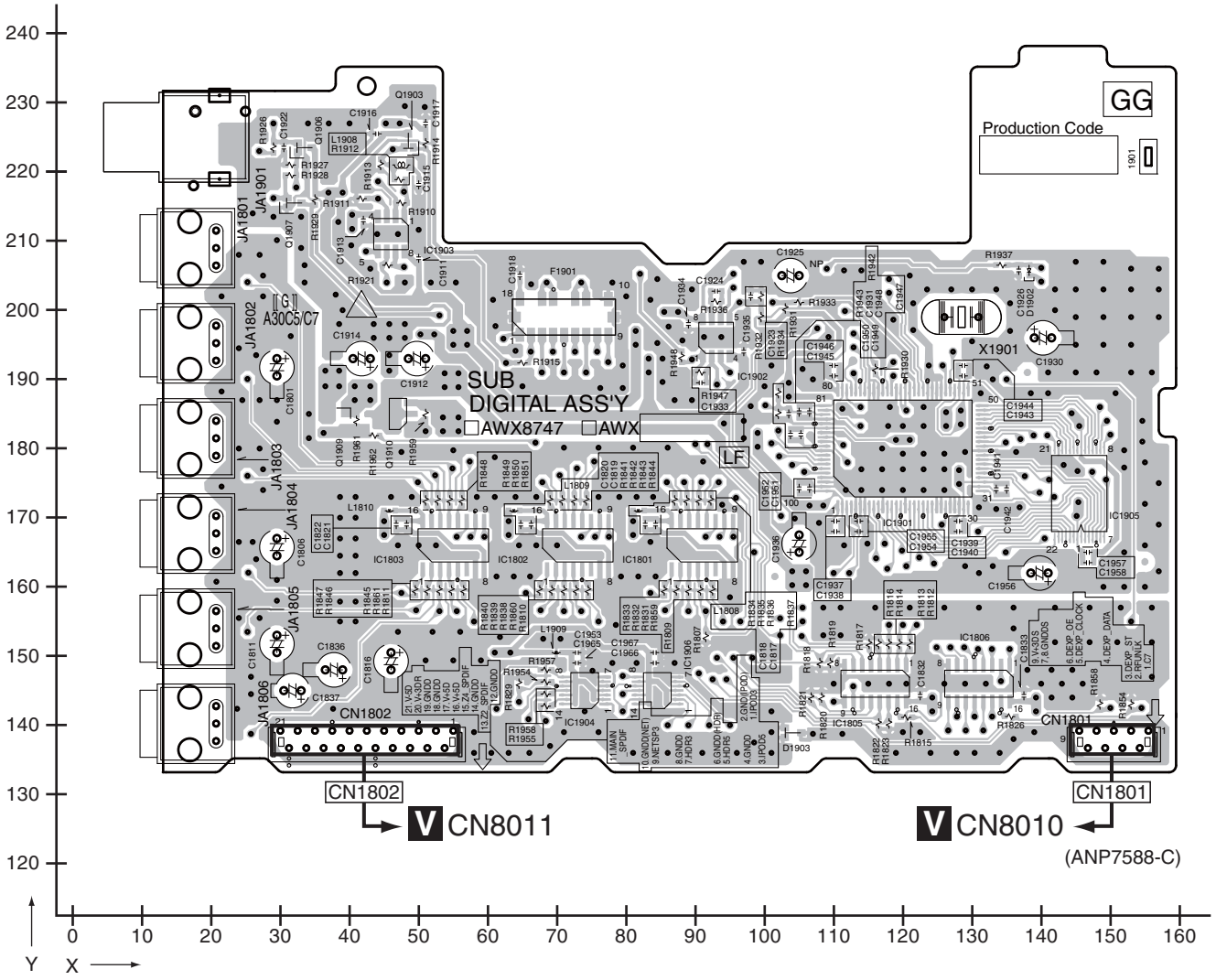
SIDE B


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J973
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CN103
CN971
CN972
CN201
(ANP7585-C)
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X

11.9 SUB DIGITAL ASSY

SIDE A **SIDE A**

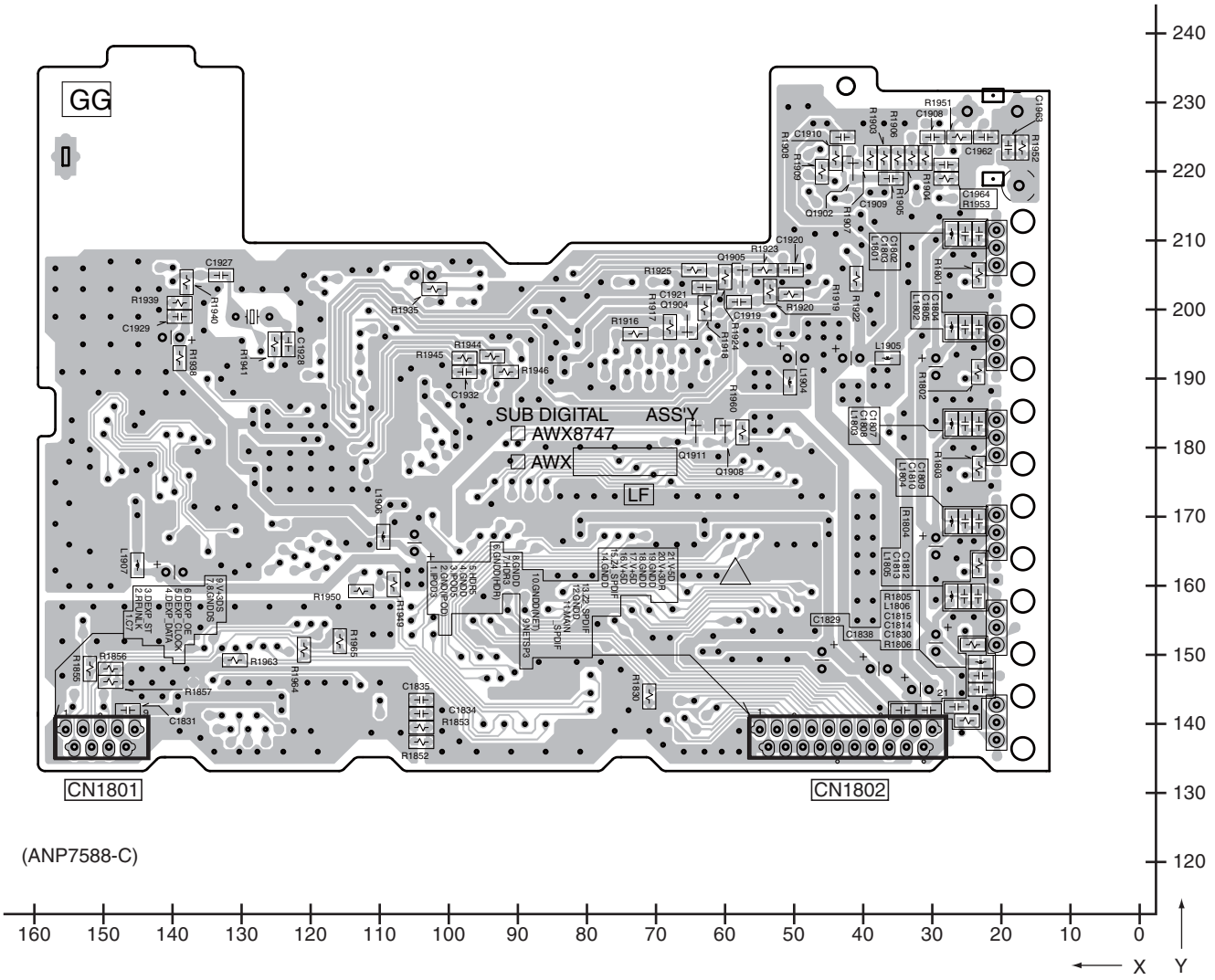
P SUB DIGITAL ASSY



SIDE B

SIDE B

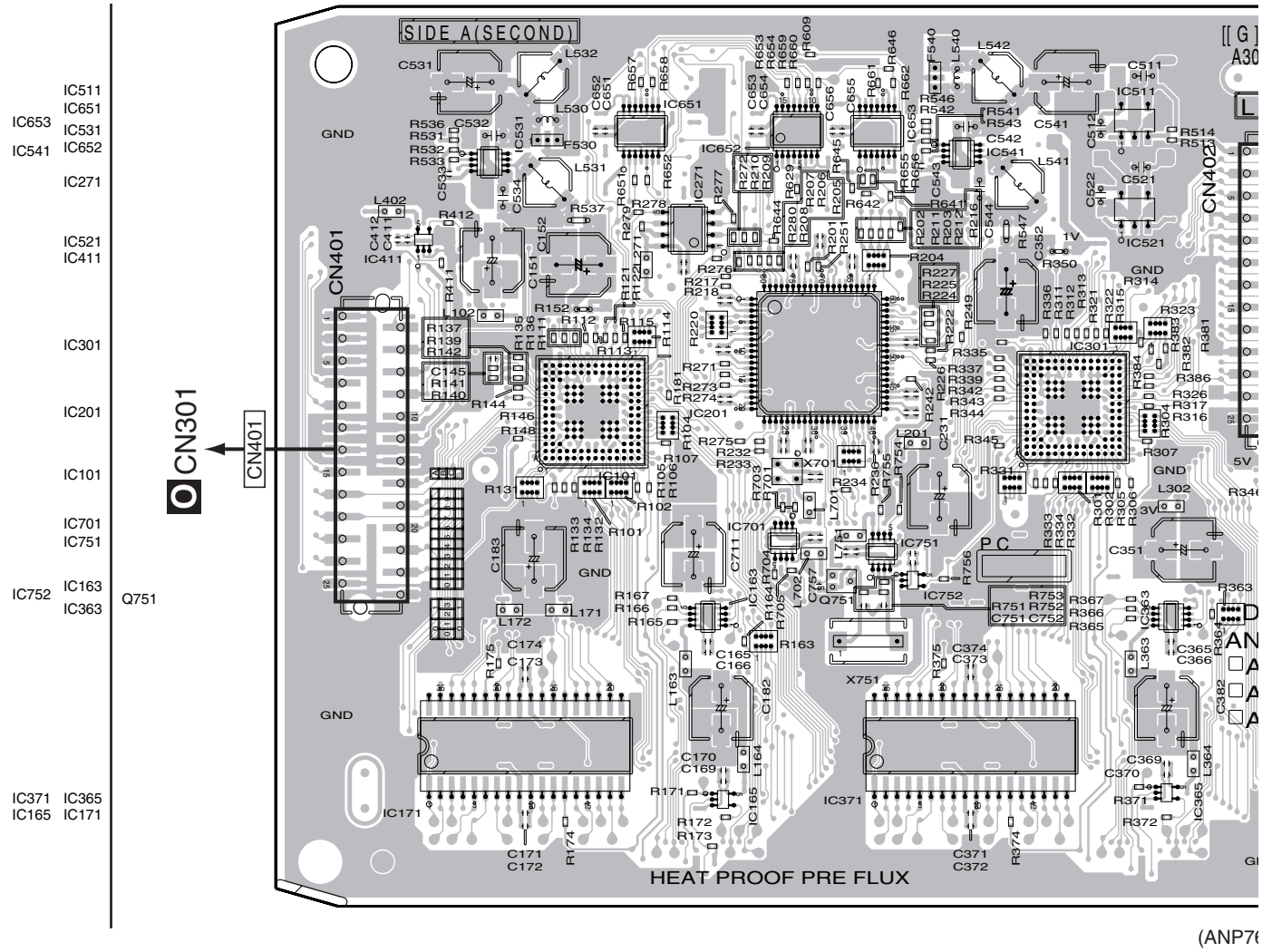
P SUB DIGITAL ASSY

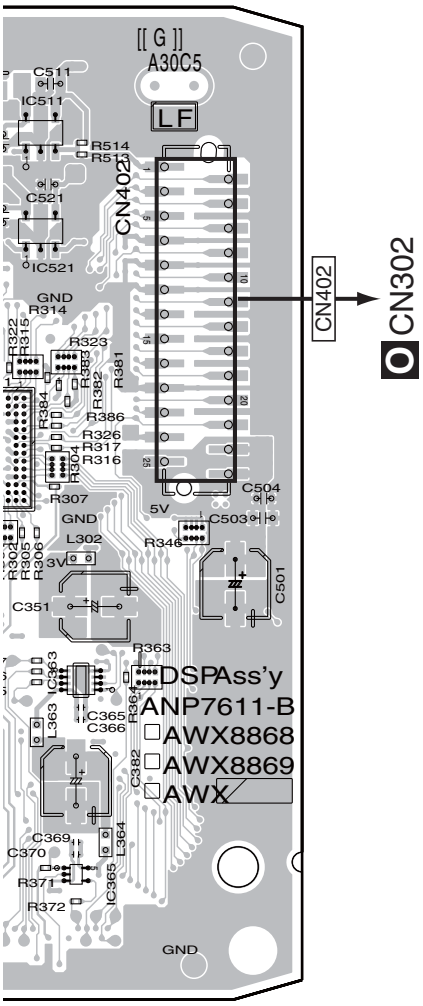


11.10 DSP and DIGI BRIDGE ASSYS

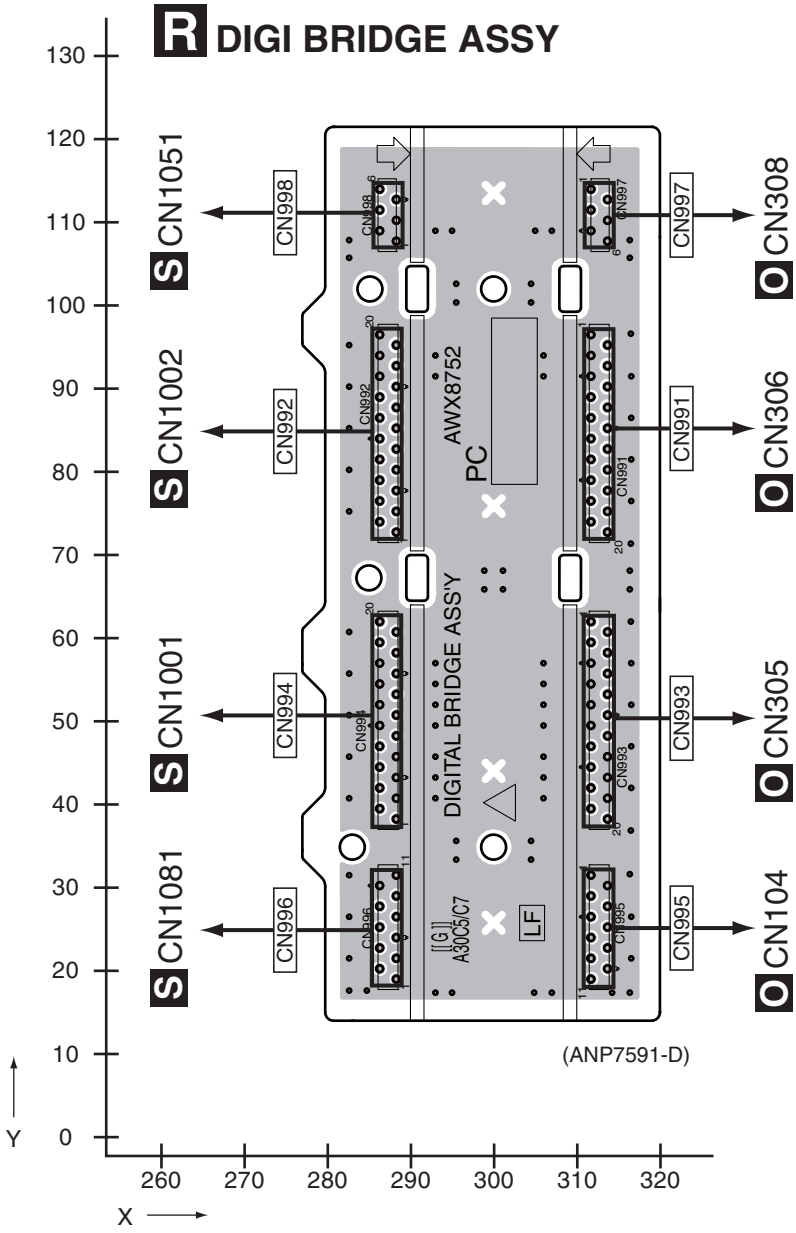
SIDE A

Q DSP ASSY





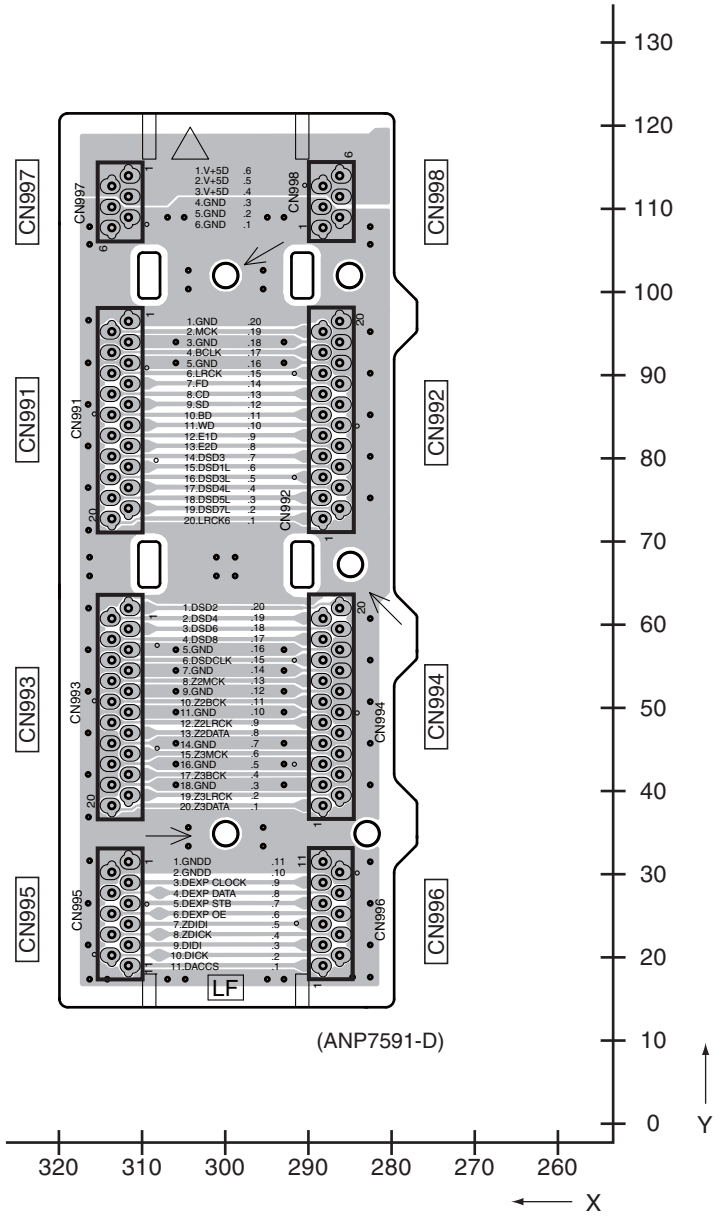
(ANP7611-B)

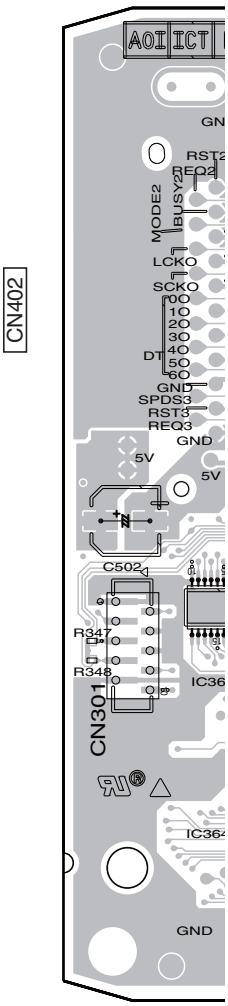


(ANP7591-D)

SIDE B

R DIGI BRIDGE ASSY

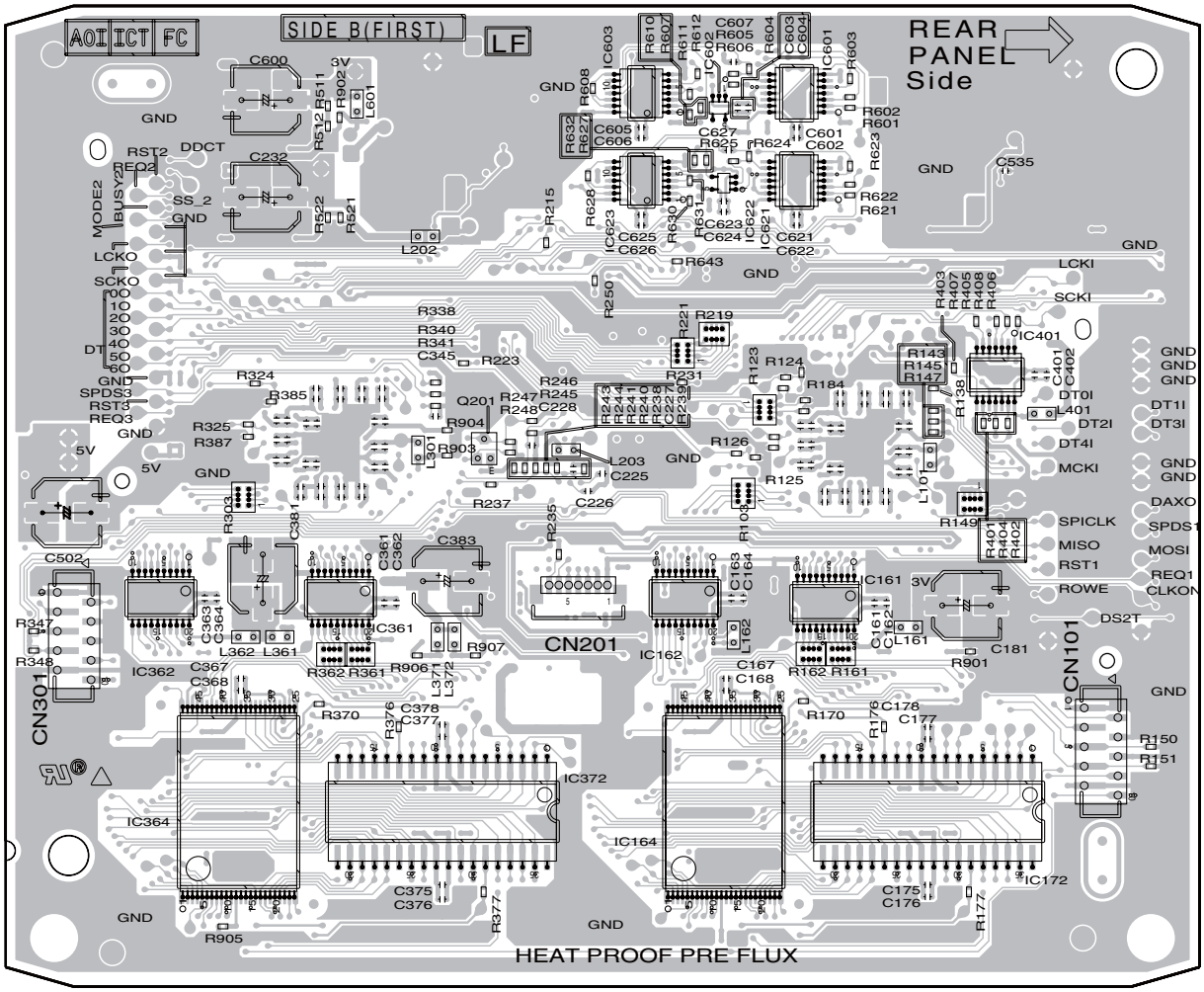




SIDE B

A

Q DSP ASSY



(ANP7611-B)

IC Q

IC603 IC601 IC602

IC622 IC623 IC621

IC401

Q201

IC161

IC361

IC162 IC362

IC372

IC364 IC164

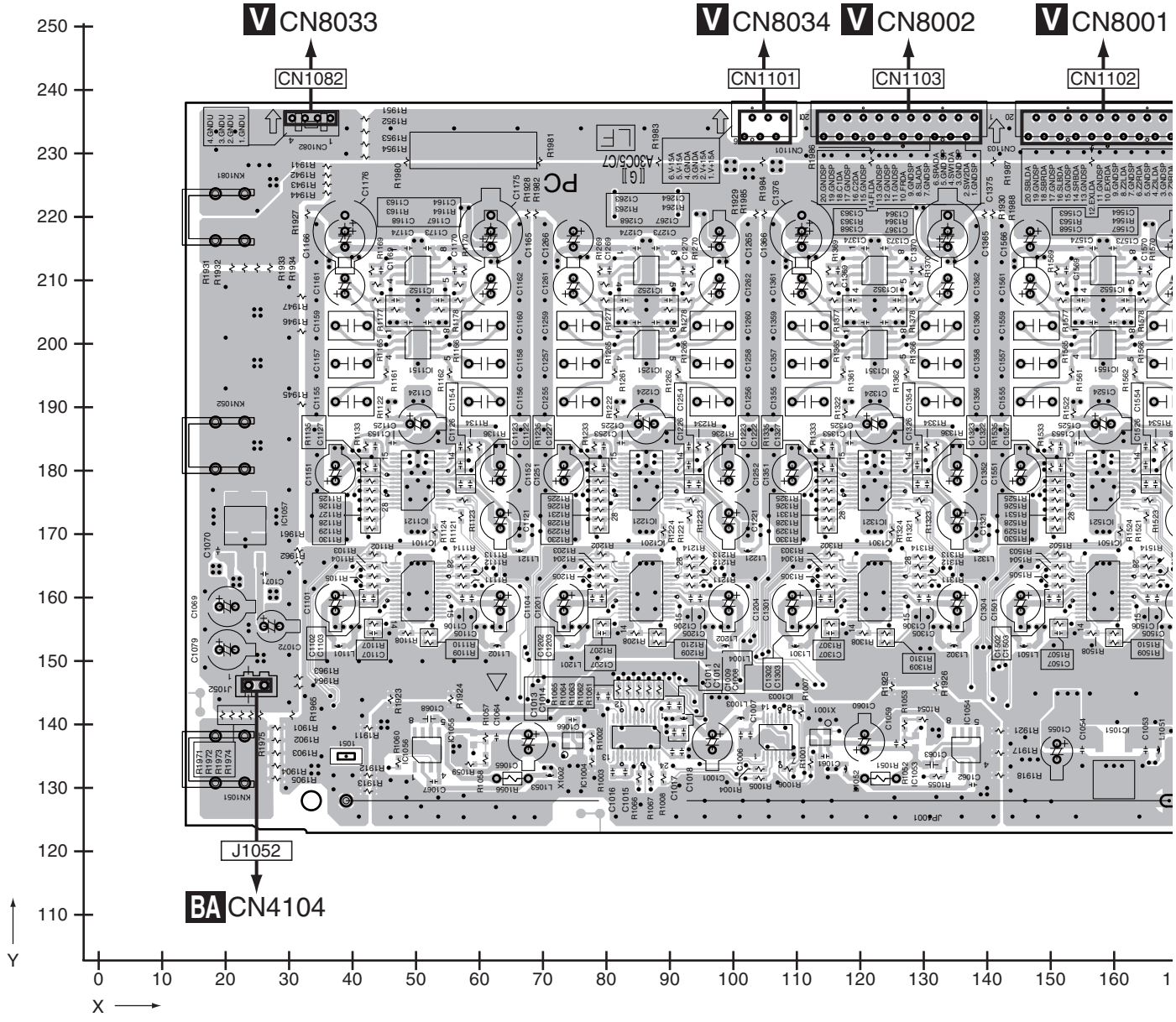
IC172

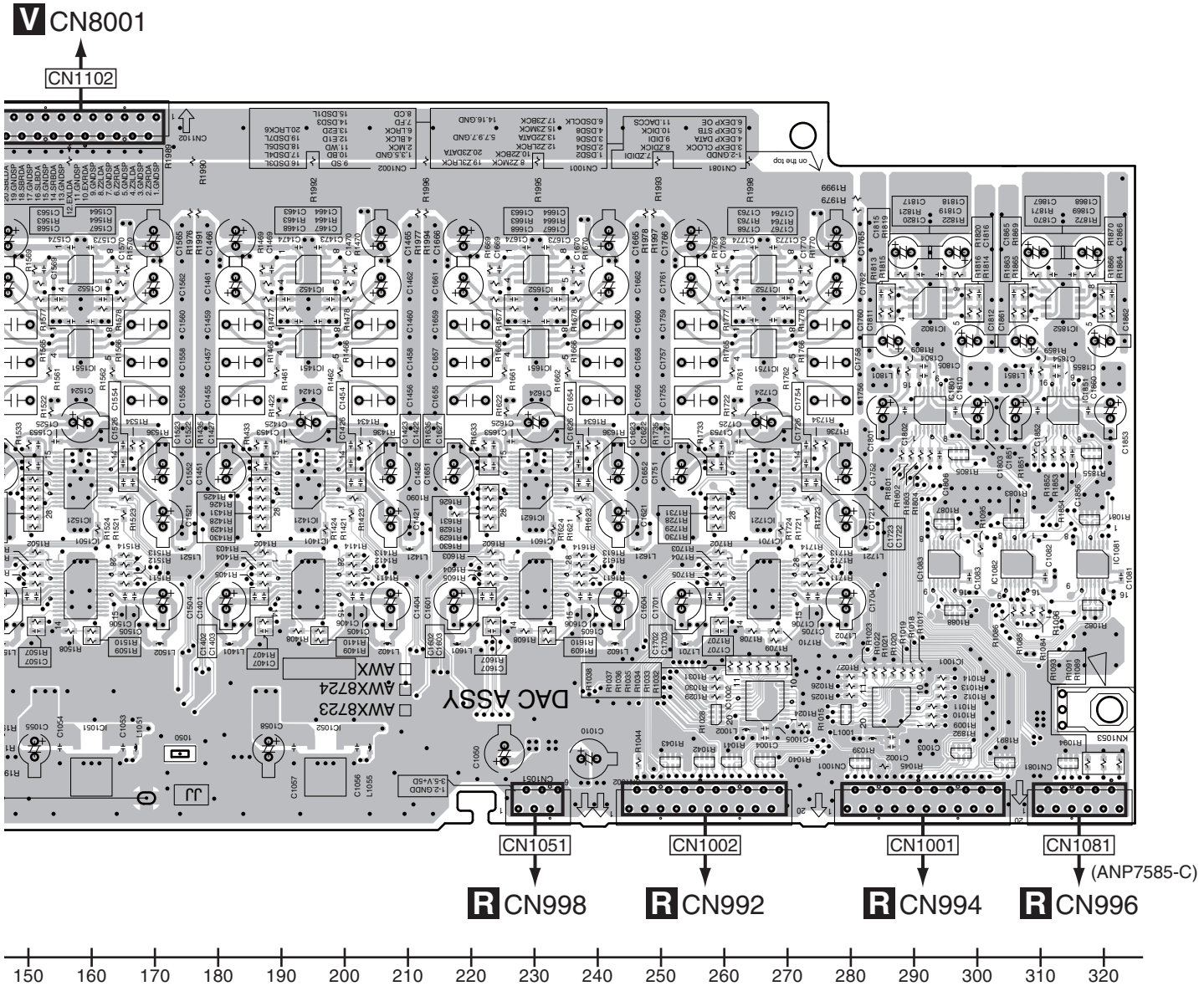
B C D E F

11.11 DAC ASSY

SIDE A

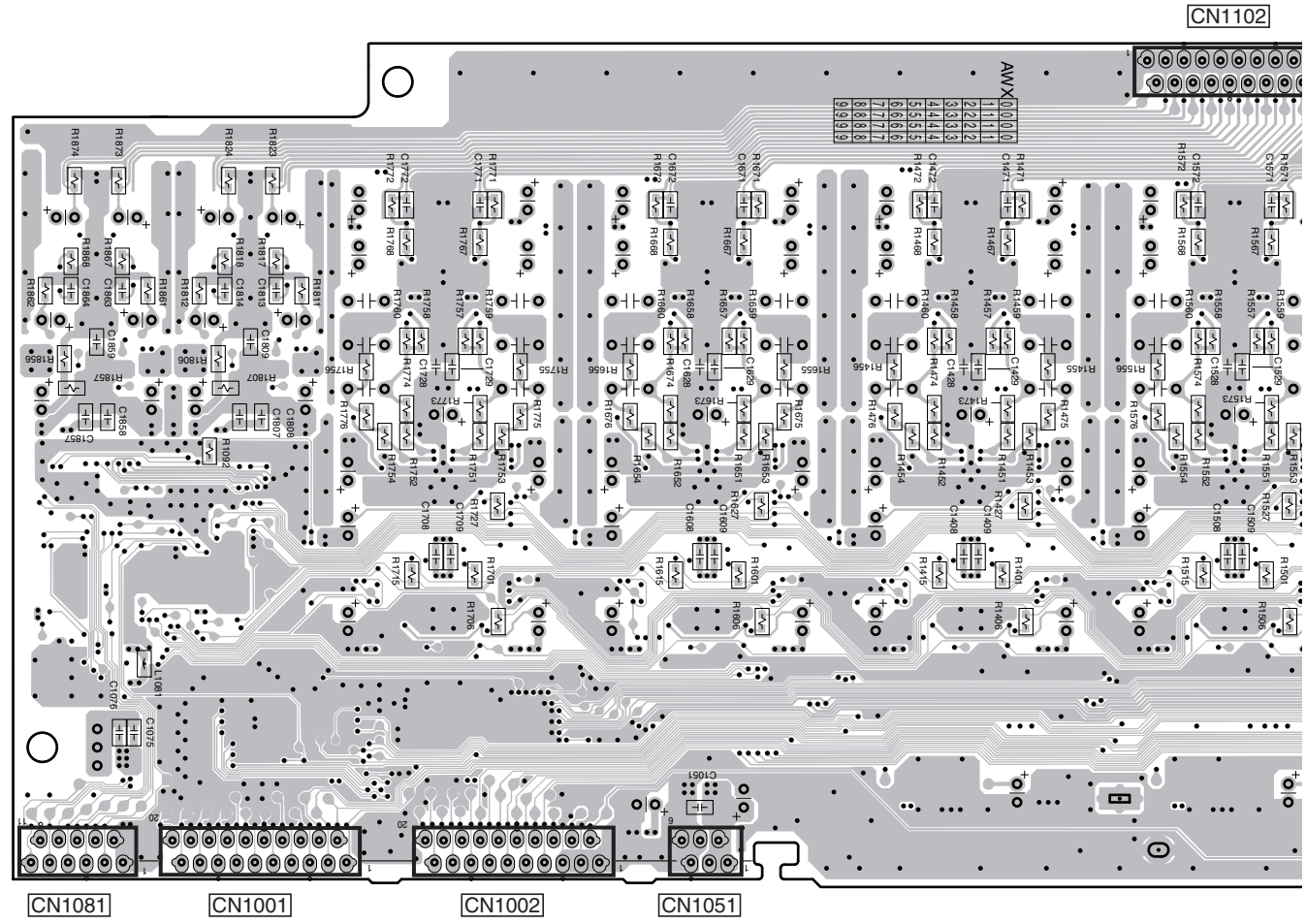
S DAC ASSY



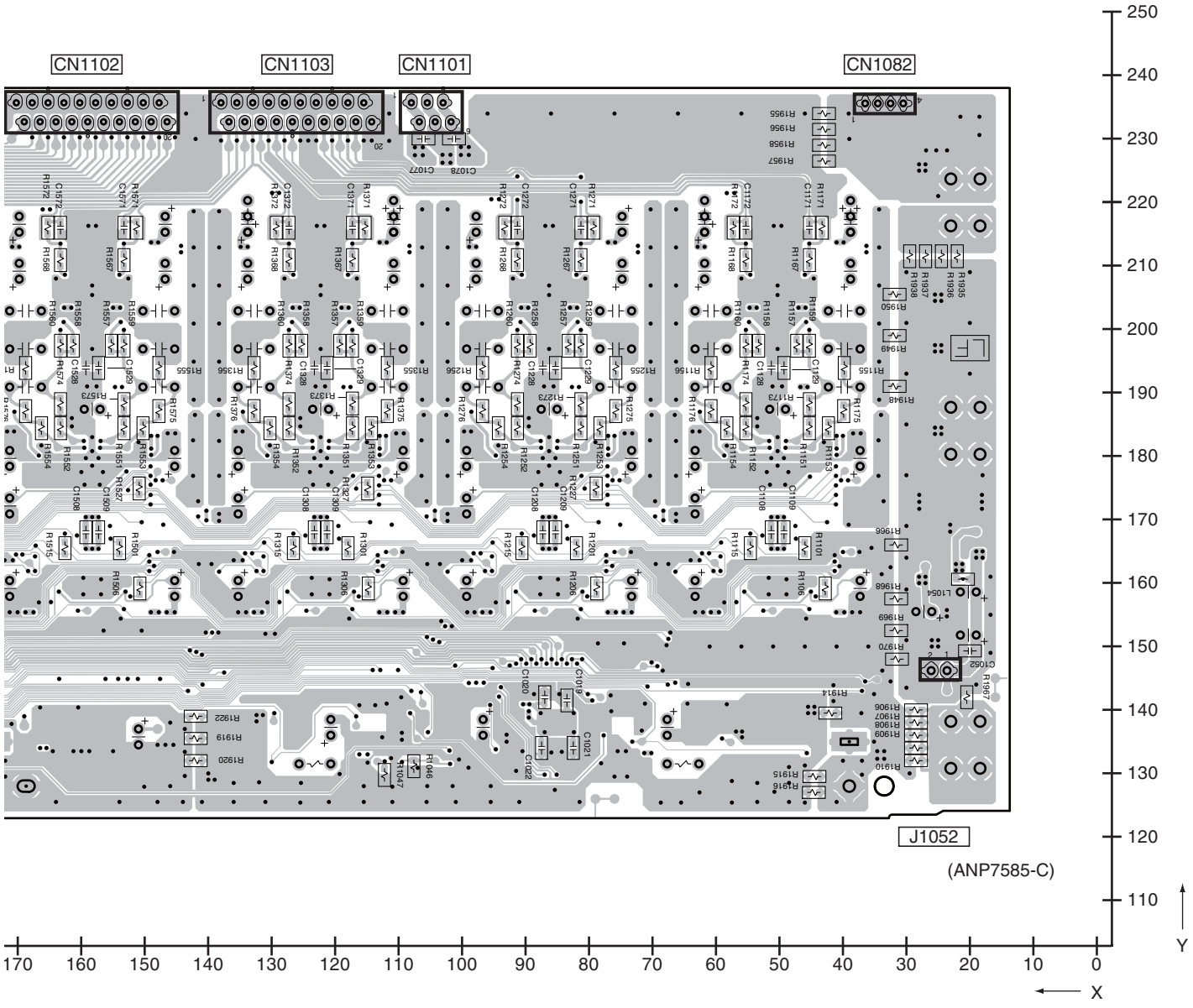

V CN8001
CN1102
CN1051
CN1002
CN1001
CN1081
(ANP7585-C)
R CN998
R CN992
R CN994
R CN996
DAC ASSY
AWX8723
AWX8724
AWX
150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320

SIDE B

S DAC ASSY



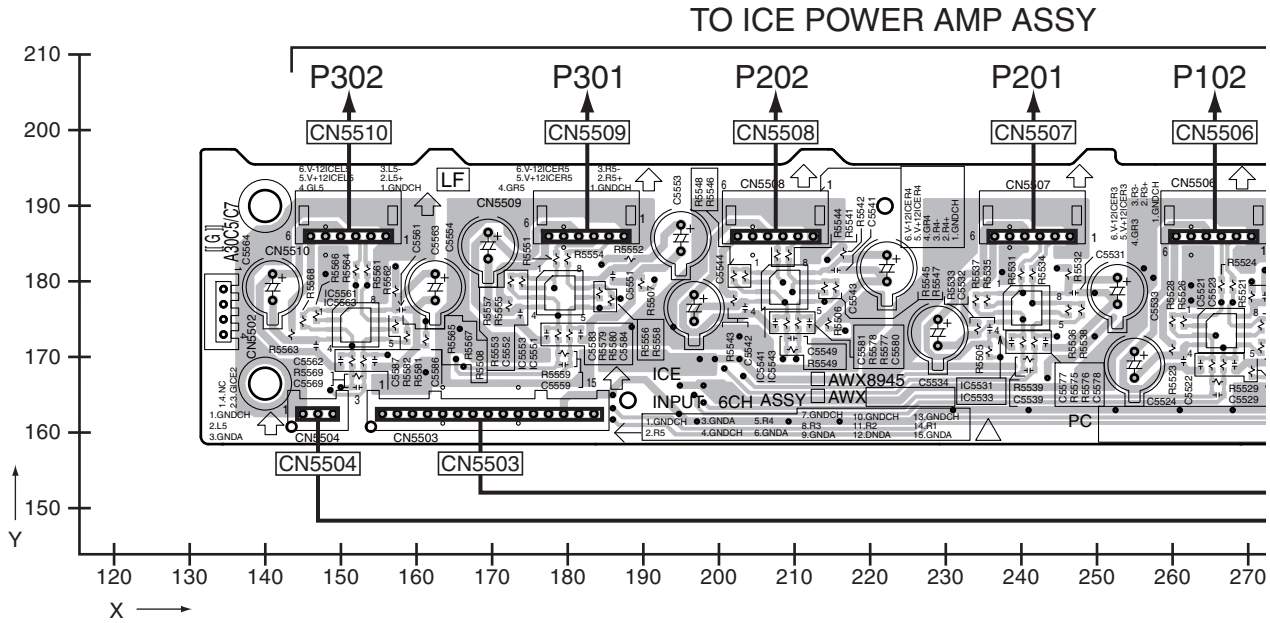
SIDE B


CN1102
CN1103
CN1101
CN1082
J1052
(ANP7585-C)
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
Y
170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0
X

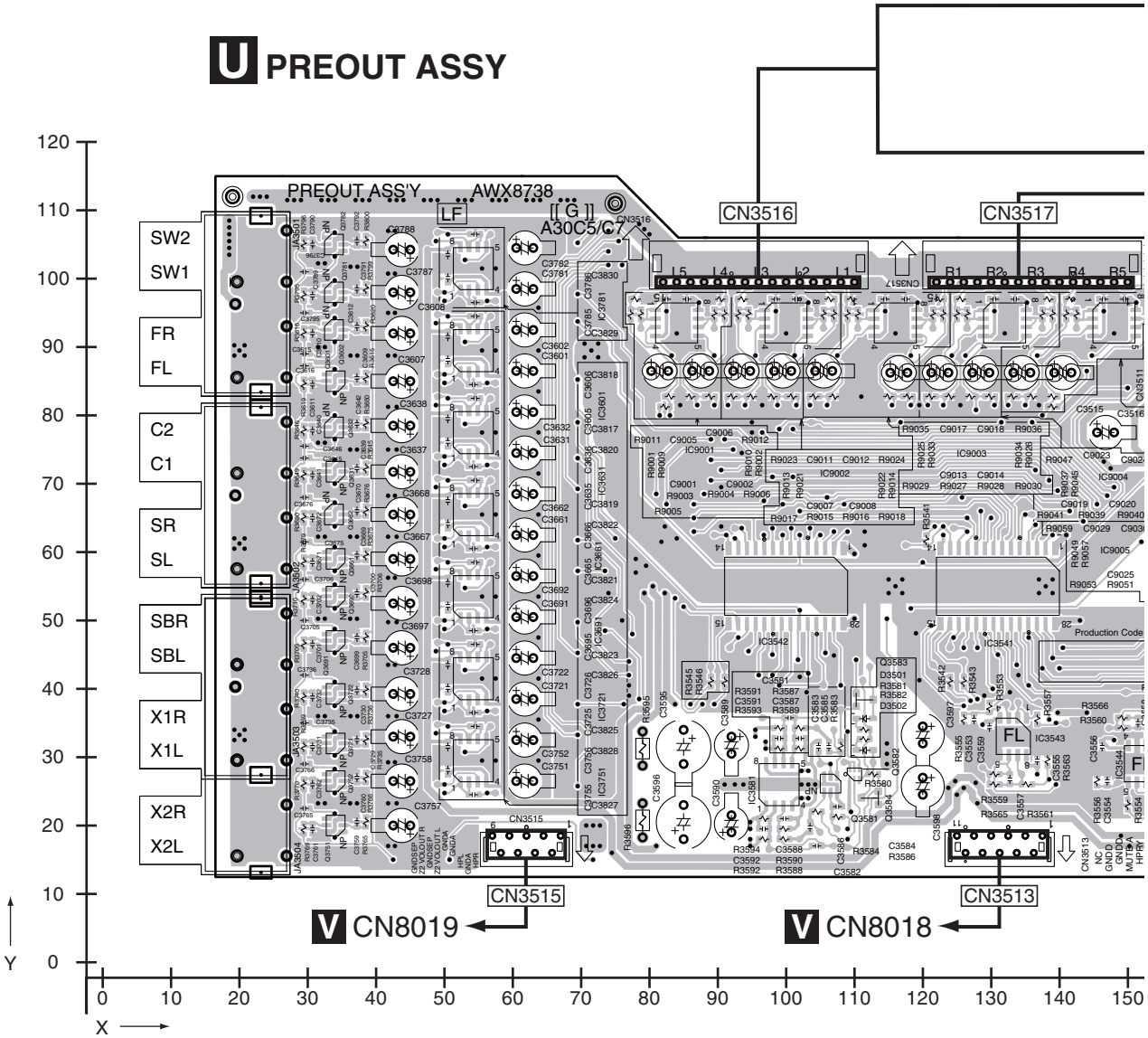
11.12 PREOUT, ICE INPUT 4CH and ICE INPUT 6CH ASSYS

SIDE A

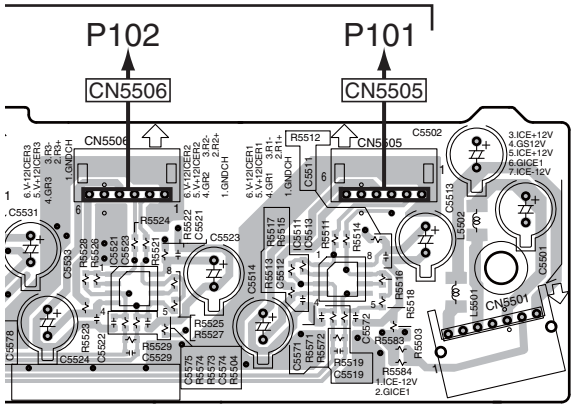
BE ICE INPUT 6CH ASSY

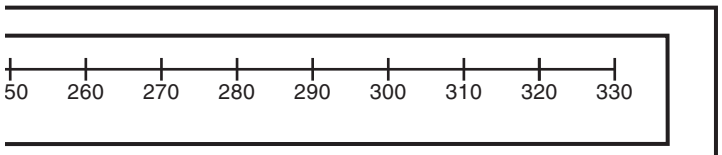


U PREOUT ASSY

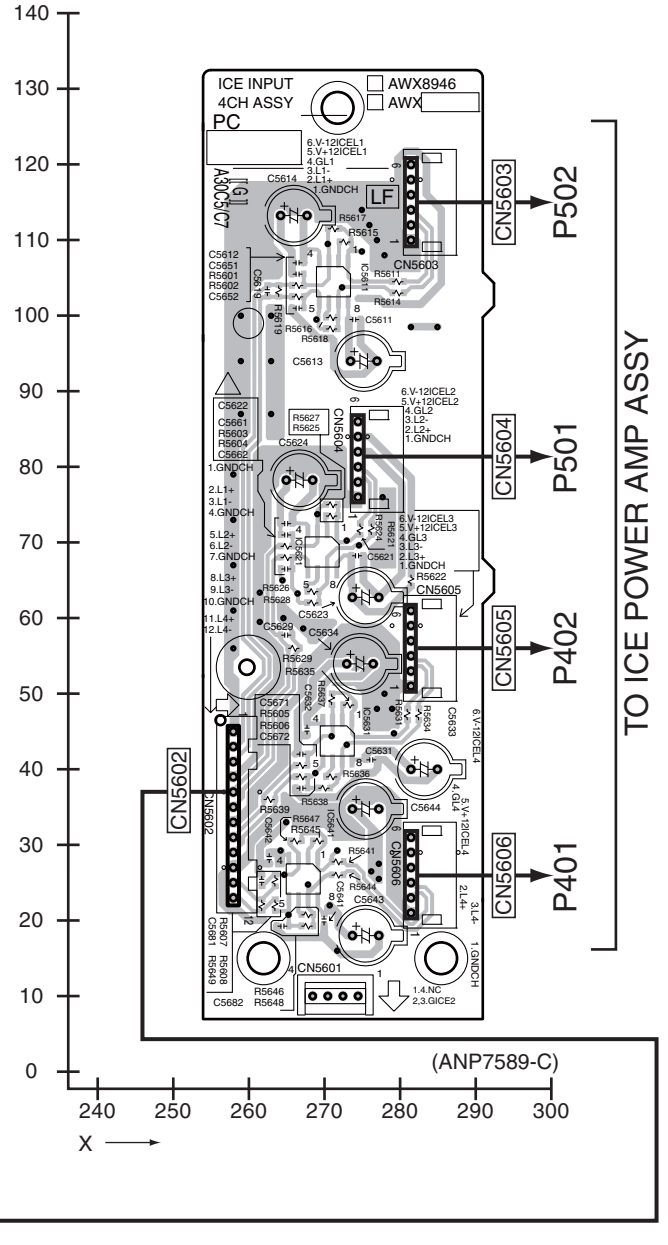


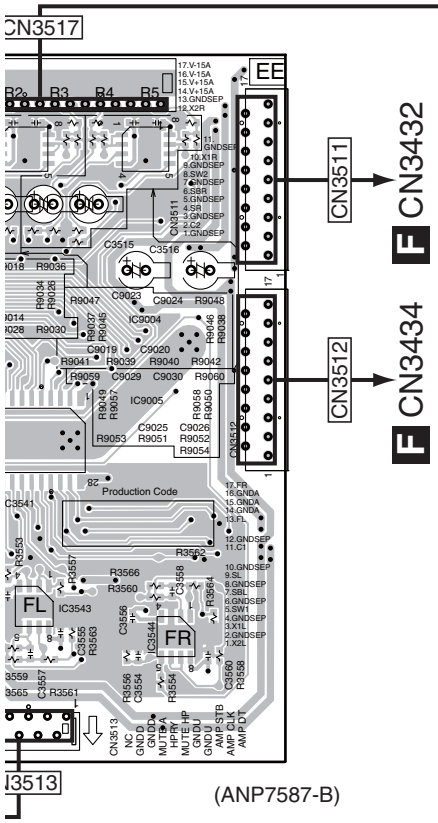
U BE

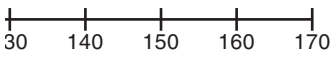




BD ICE INPUT 4CH ASSY

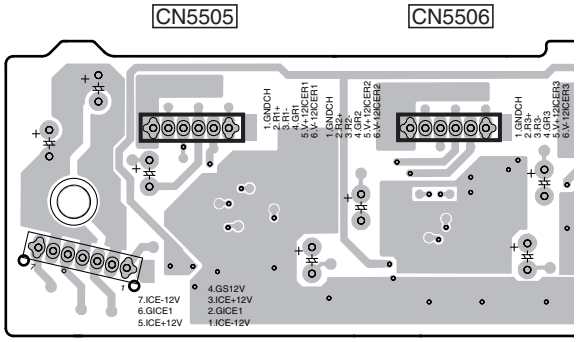


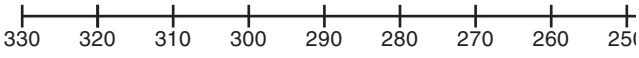




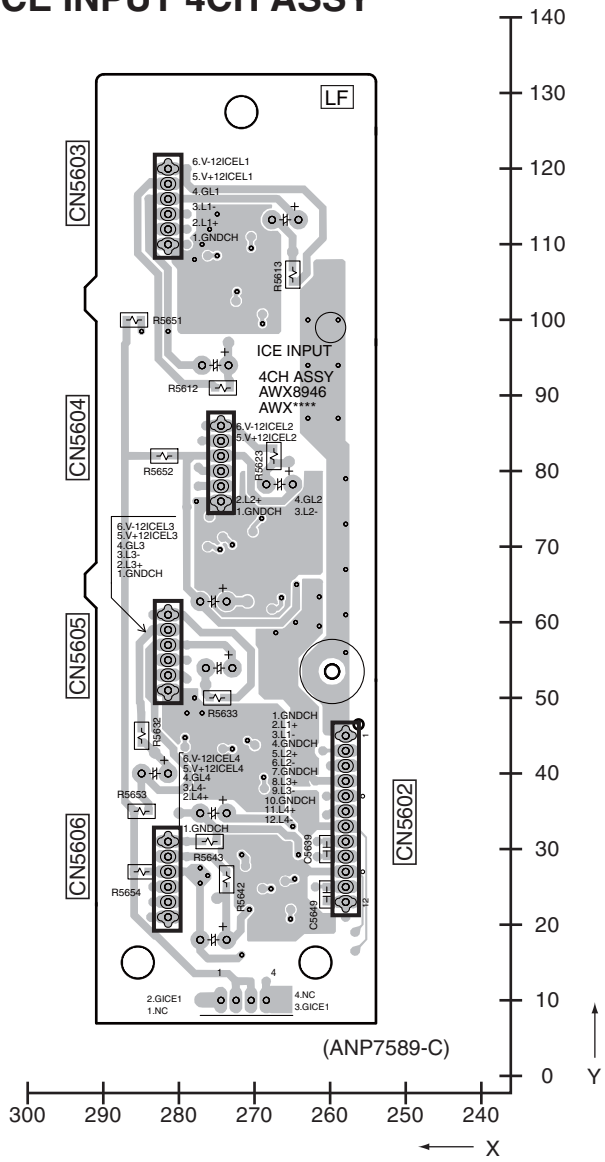
SIDE B

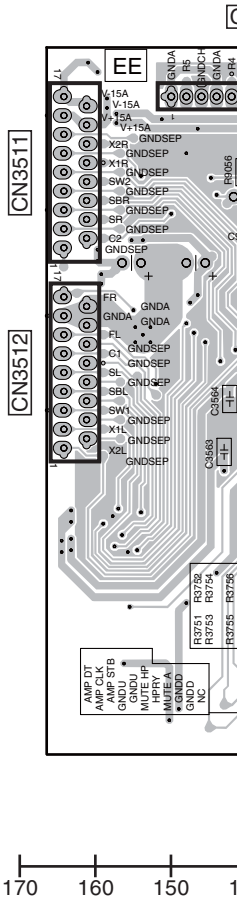
BE ICE INPUT 6CH ASSY





BD ICE INPUT 4CH ASSY

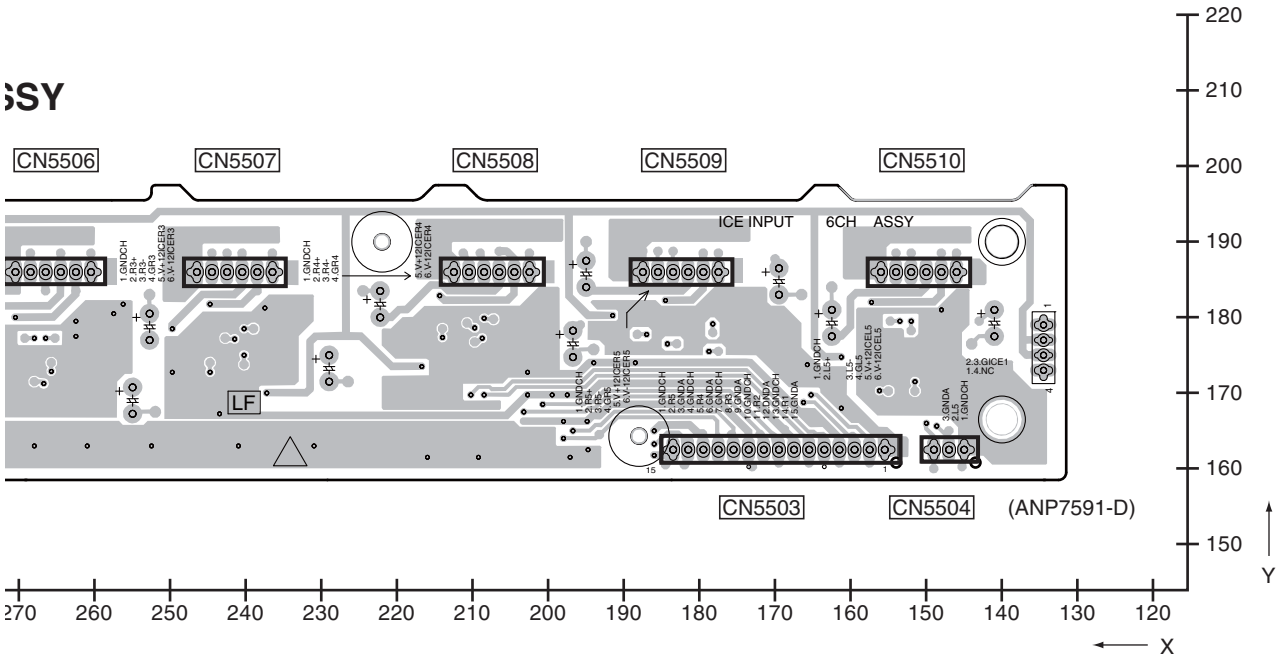




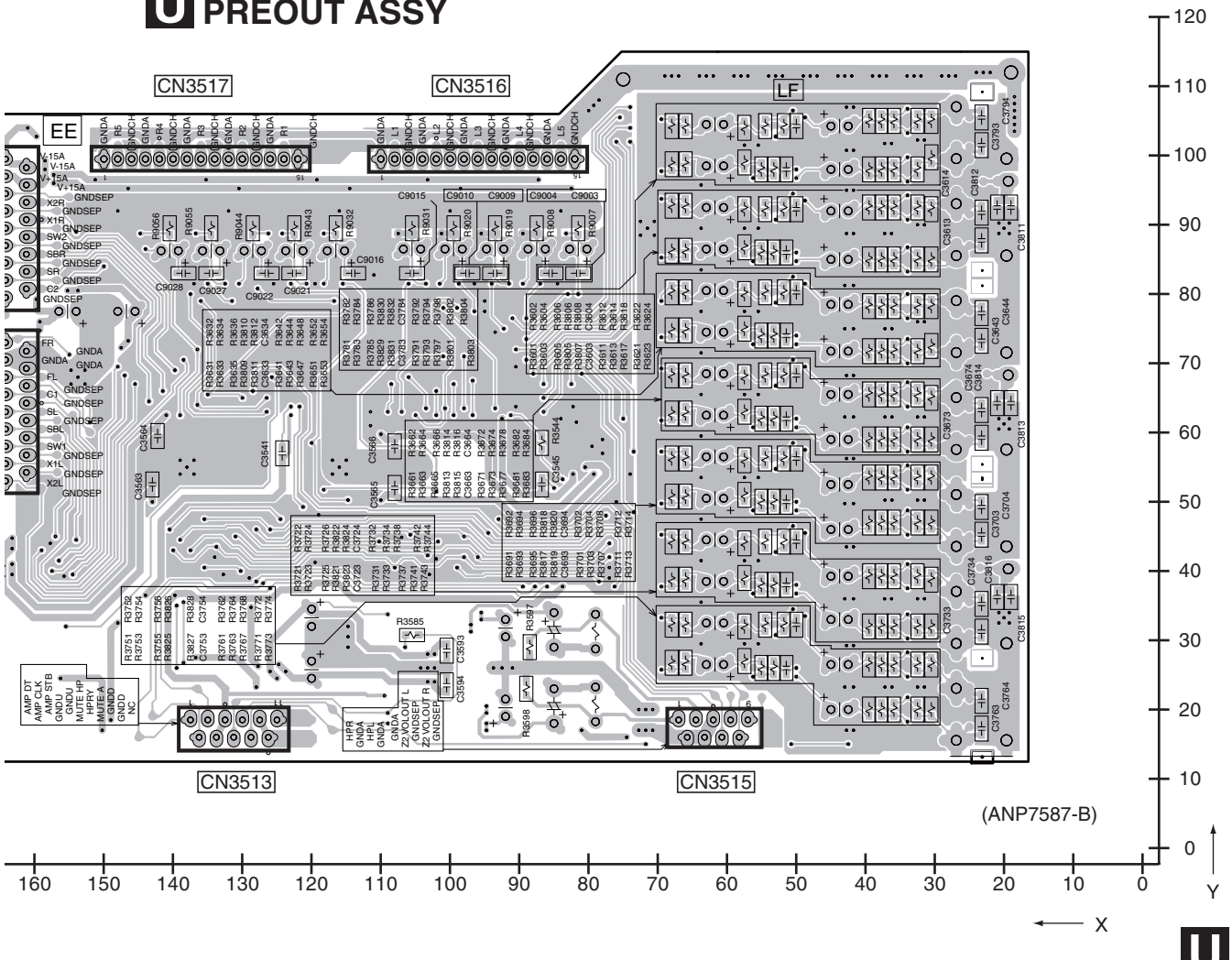
U BD BE

SIDE B

SSY

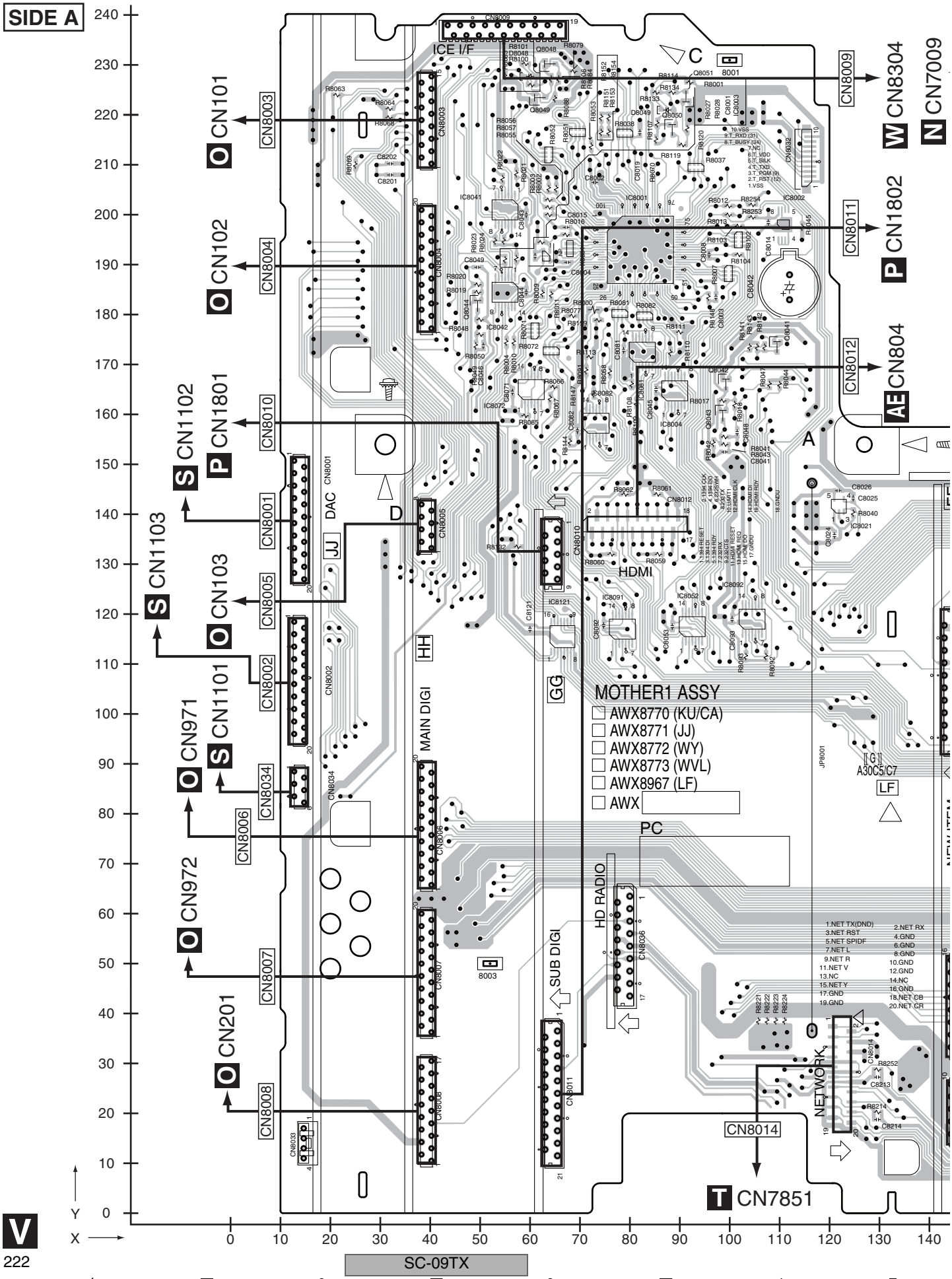


U PREOUT ASSY



U BE

11.13 MOTHER 1 ASSY



SIDE A
V MOTHER 1 ASSY
I CN3903
CN8020
CN8024
H CN3207
CN8023
H CN3206
CN8022
H CN3208
CN8021
H CN3209
CN8026
A CN3004
CN8025
A CN3005
U CN3515
CN8019
U CN3513
CN8018
CN8009
W CN8304
CN8035
N CN7009
CN8011
P CN1802
CN8016
N CN7003
CN8012
AE CN804
CN8015
N CN7001
CN8029
AD CN8501
CN8030
AD CN8502
CN8031
AD CN8503
CN8027
B CN3106
CN8028
B CN3105
FF
EE
DD
CC
BB
AA
MULTI IN
VOLUME
PREOUT
NEW ITEM
ICT
FC
A-AUDIO
V-AUDIO
MOTH2
(ANP7591-D)
SC-09TX
223

SIDE B

A

B

C

D

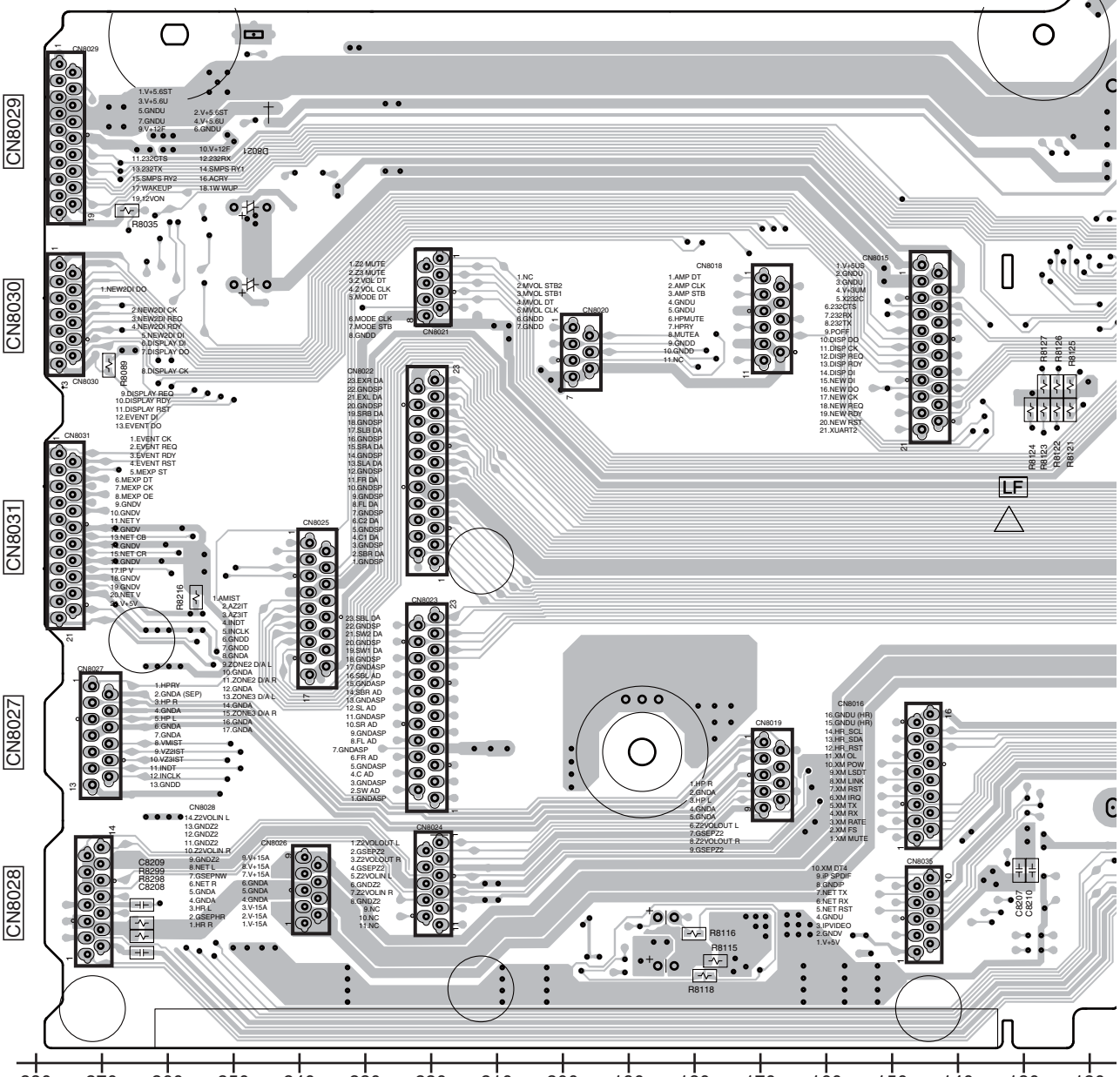
E

F

V MOTHER 1 ASSY

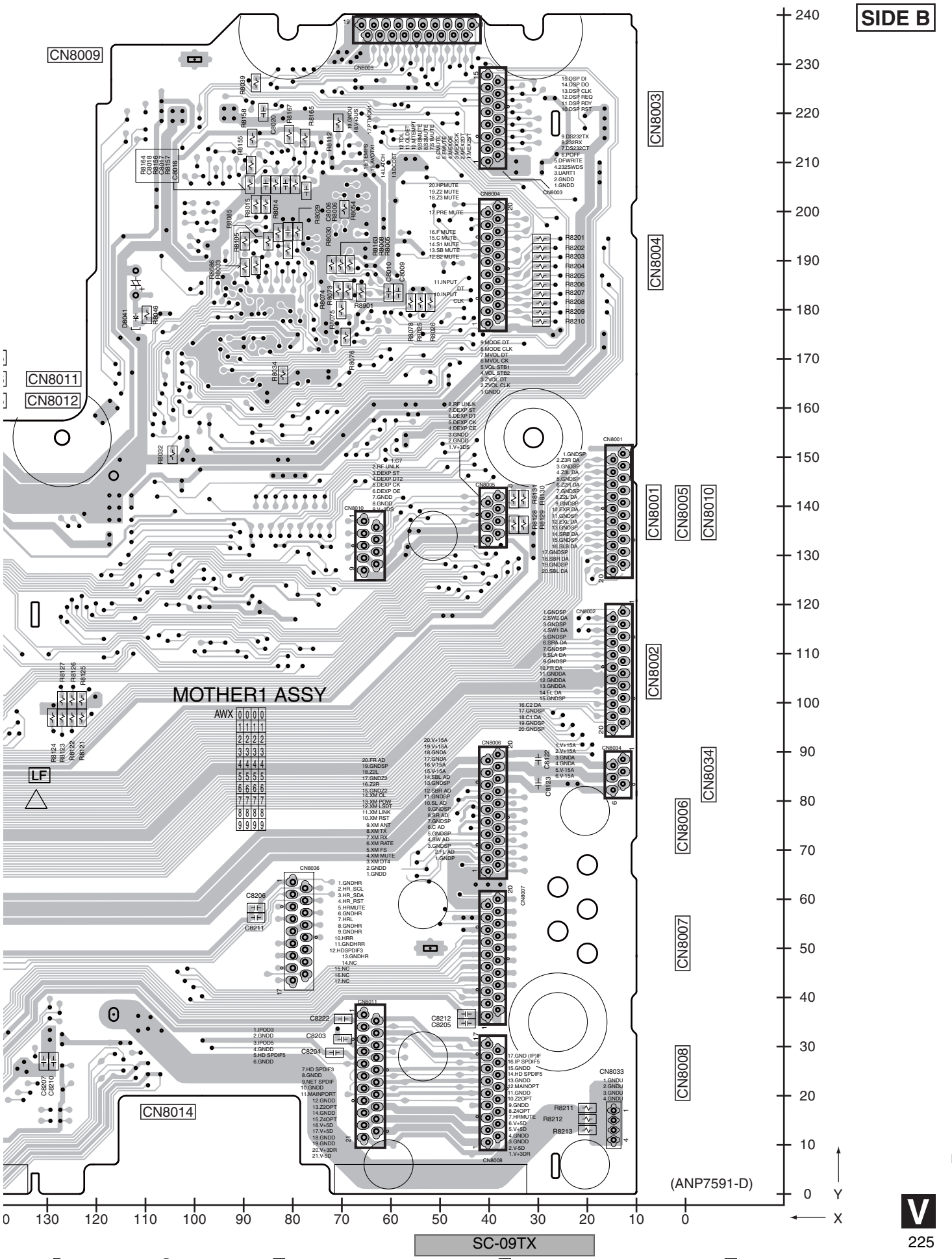
CN8009

CN8025 CN8022 CN8024 CN8019 CN8035 CN8011
CN8026 CN8021 CN8023 CN8020 CN8018 CN8016 CN8012
CN8015



280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120

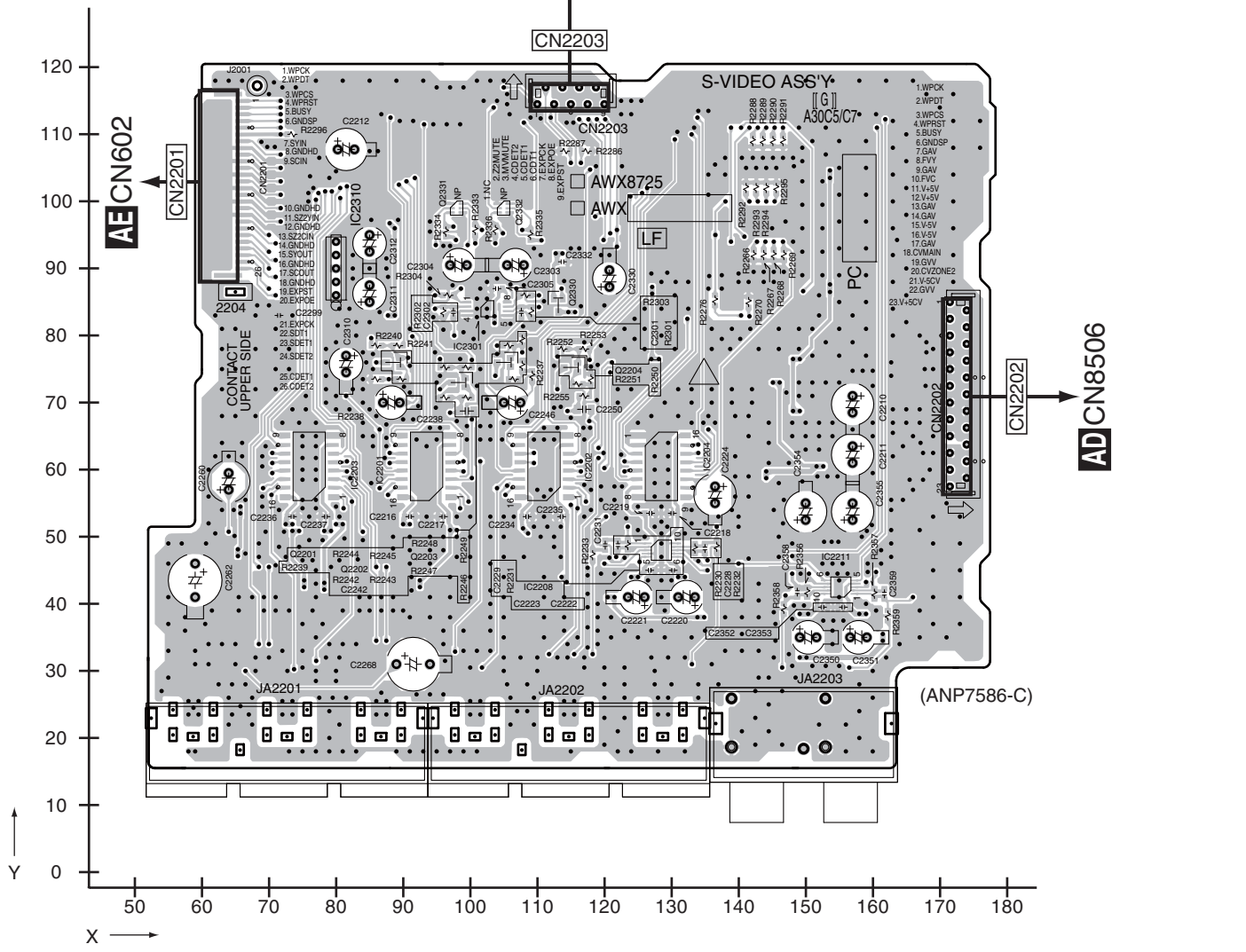
SC-09TX


SIDE B
MOTHER1 ASSY
CN8009
CN8011
CN8012
CN8014
CN8003
CN8004
CN8001
CN8005
CN8010
CN8002
CN8034
CN8006
CN8007
CN8008
CN8033
CN8036
CN8027
CN8004
CN8005
CN8010
CN8001
CN8002
CN8006
CN8007
CN8008
CN8011
CN8033
CN8034
CN8036
LF
AWX
(ANP7591-D)
SC-09TX
X
Y

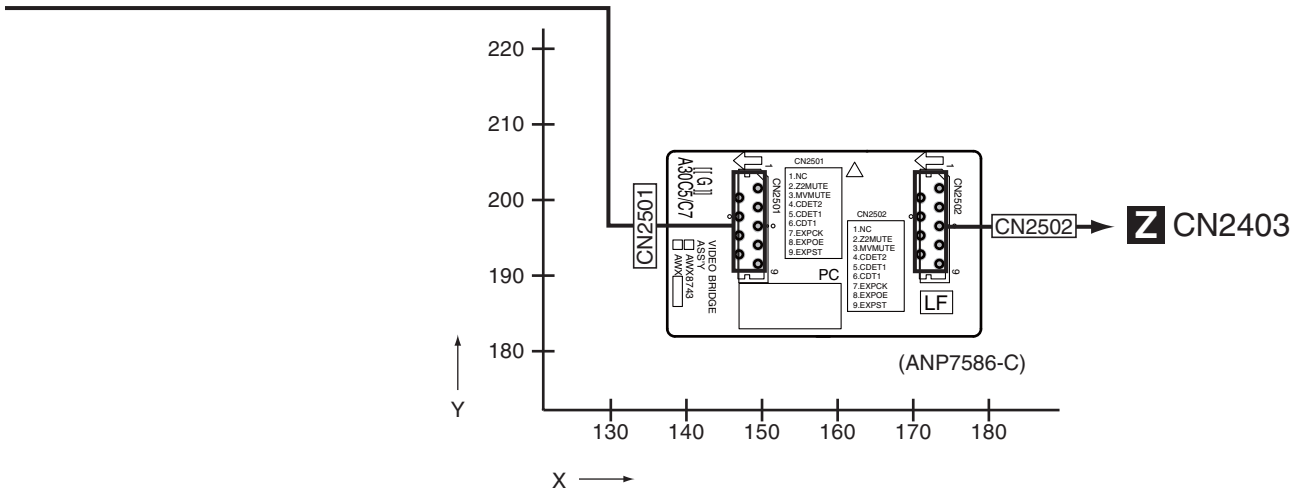
11.14 S-VIDEO, ICE INTERFACE and VIDEO BRIDGE ASSYS

SIDE A

Y S-VIDEO ASSY

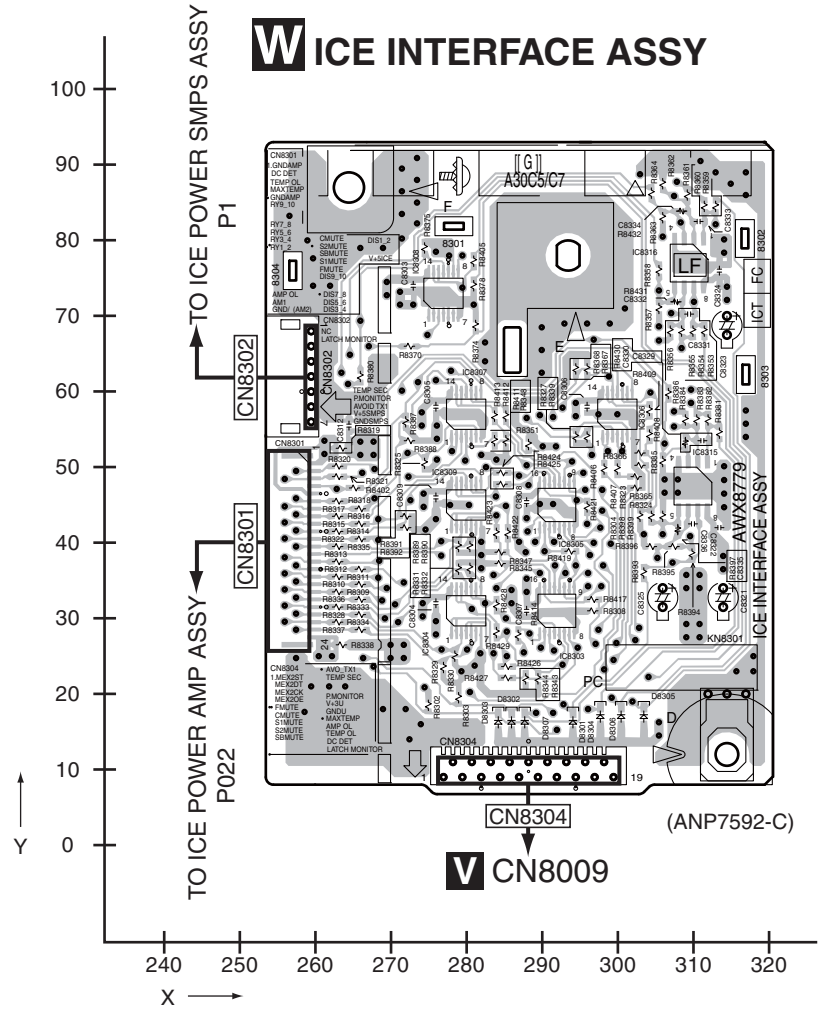


AA VIDEO BRIDGE ASSY



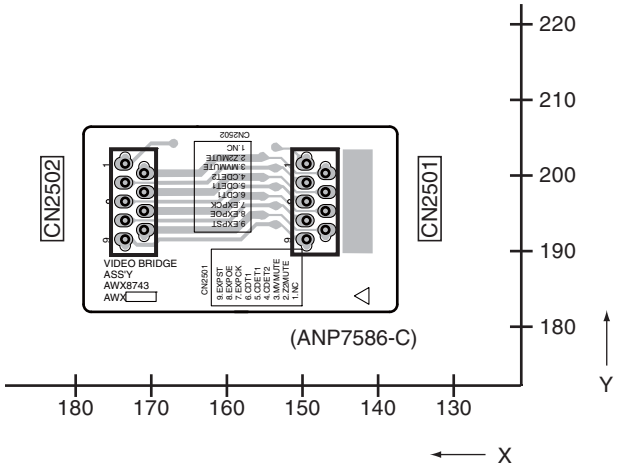
AD CN8506

W ICE INTERFACE ASSY

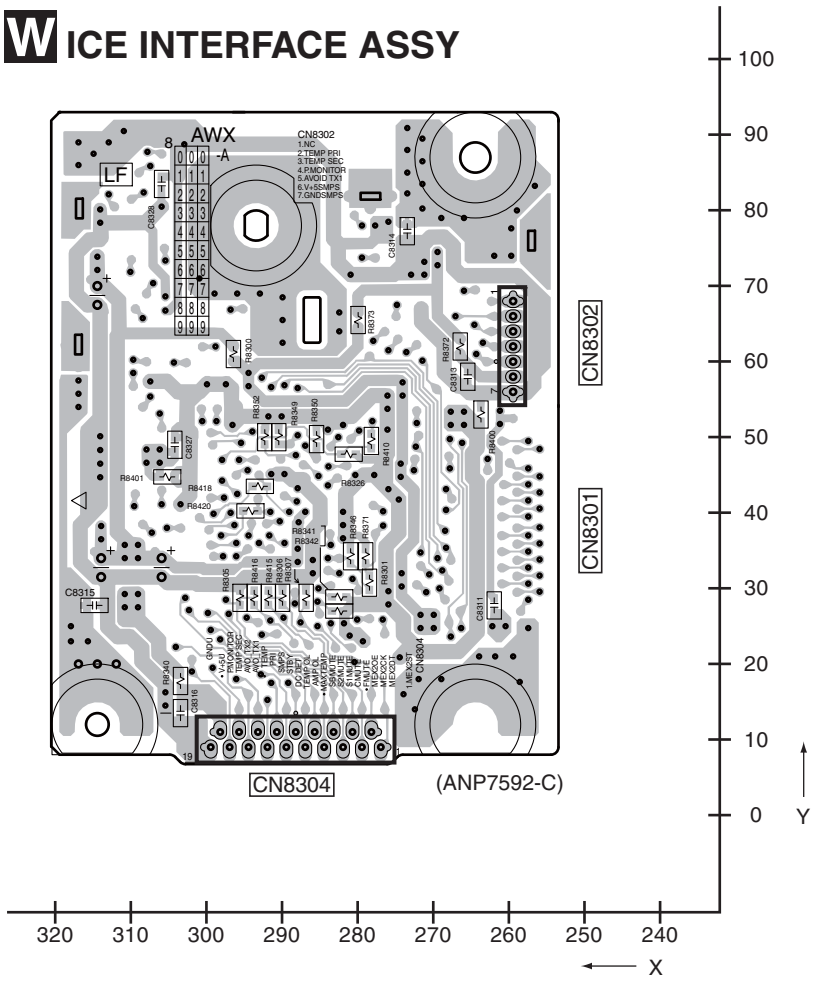


SIDE B

AA VIDEO BRIDGE ASSY

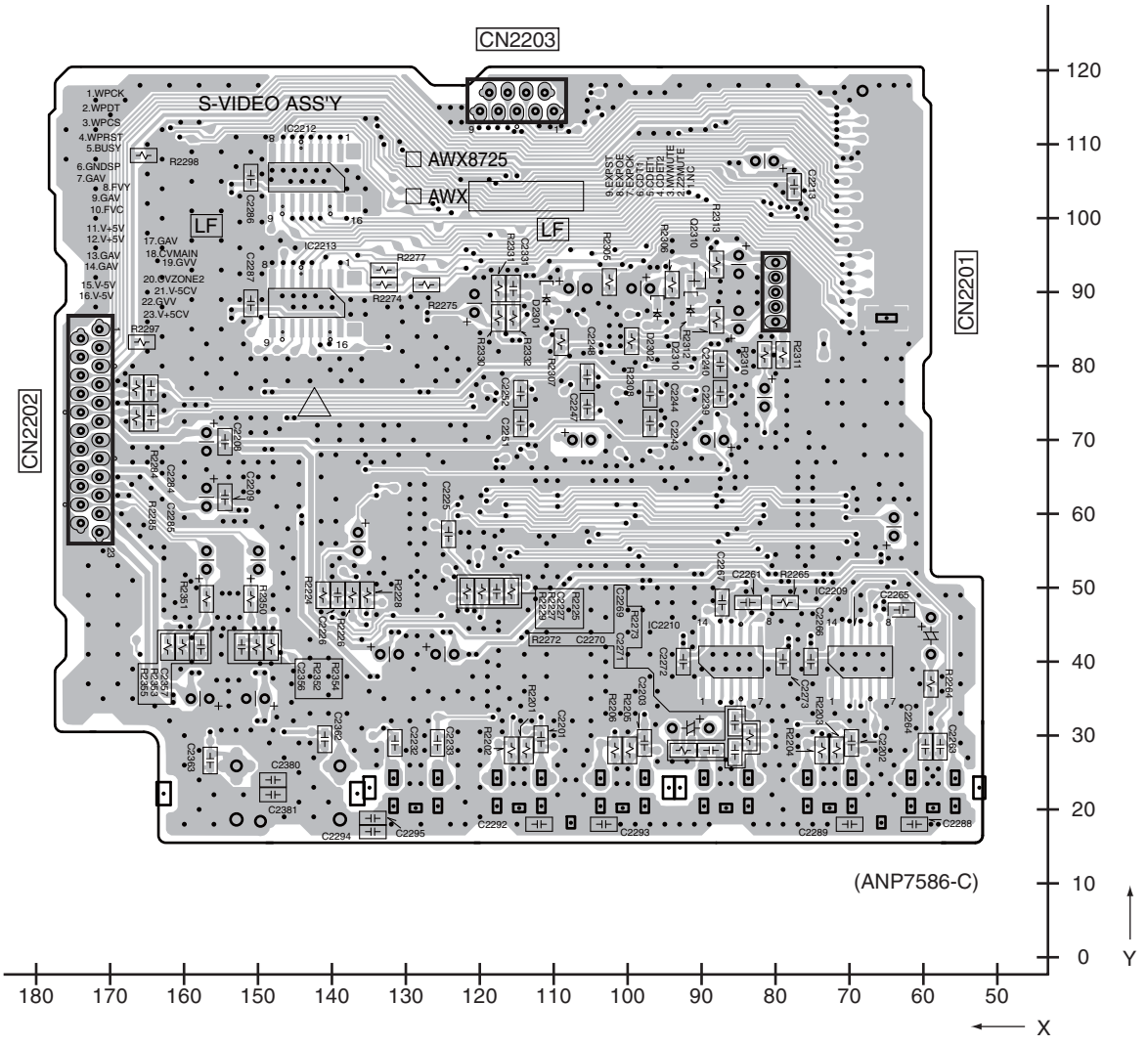


W ICE INTERFACE ASSY



SIDE B

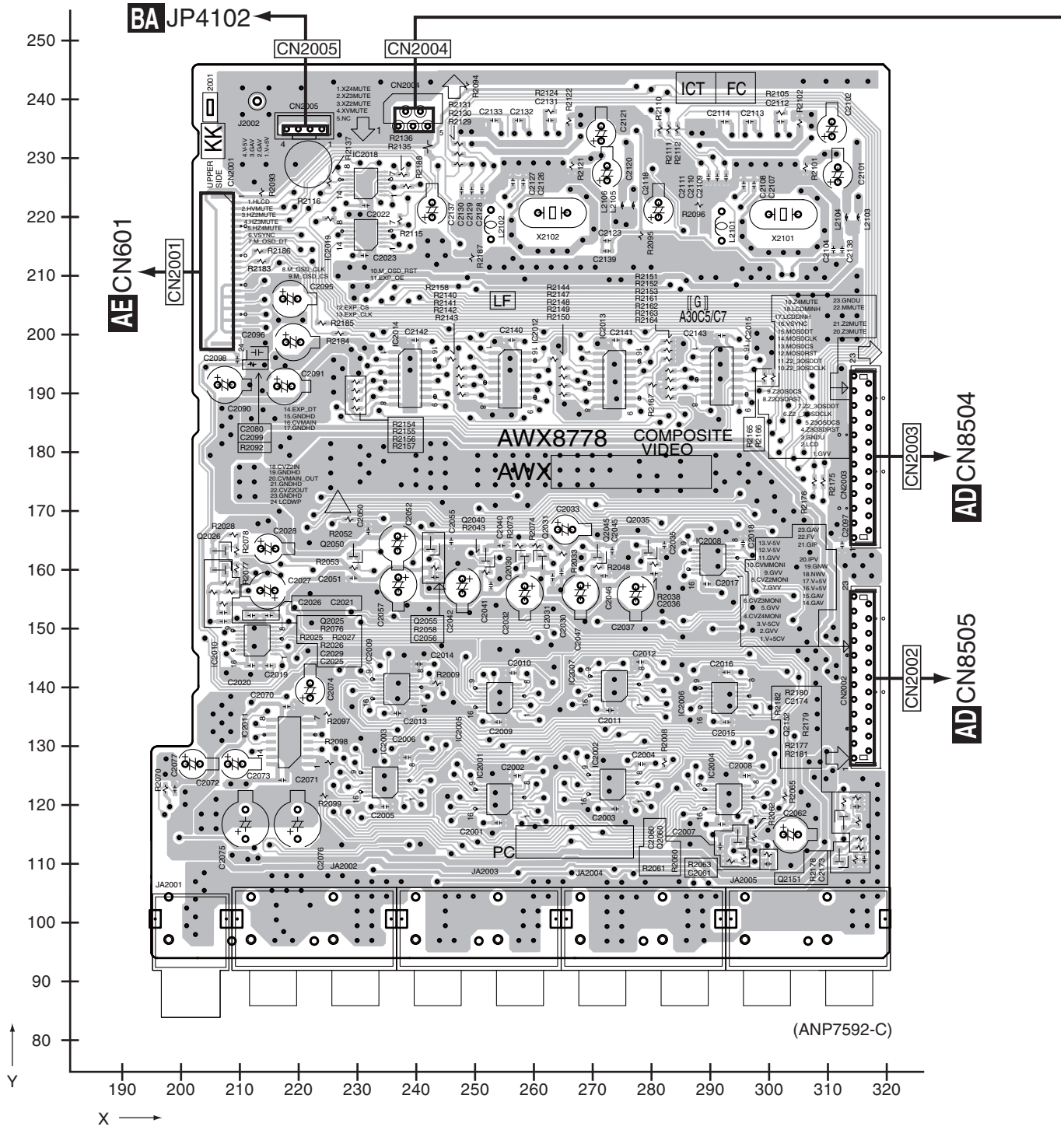
Y S-VIDEO ASSY



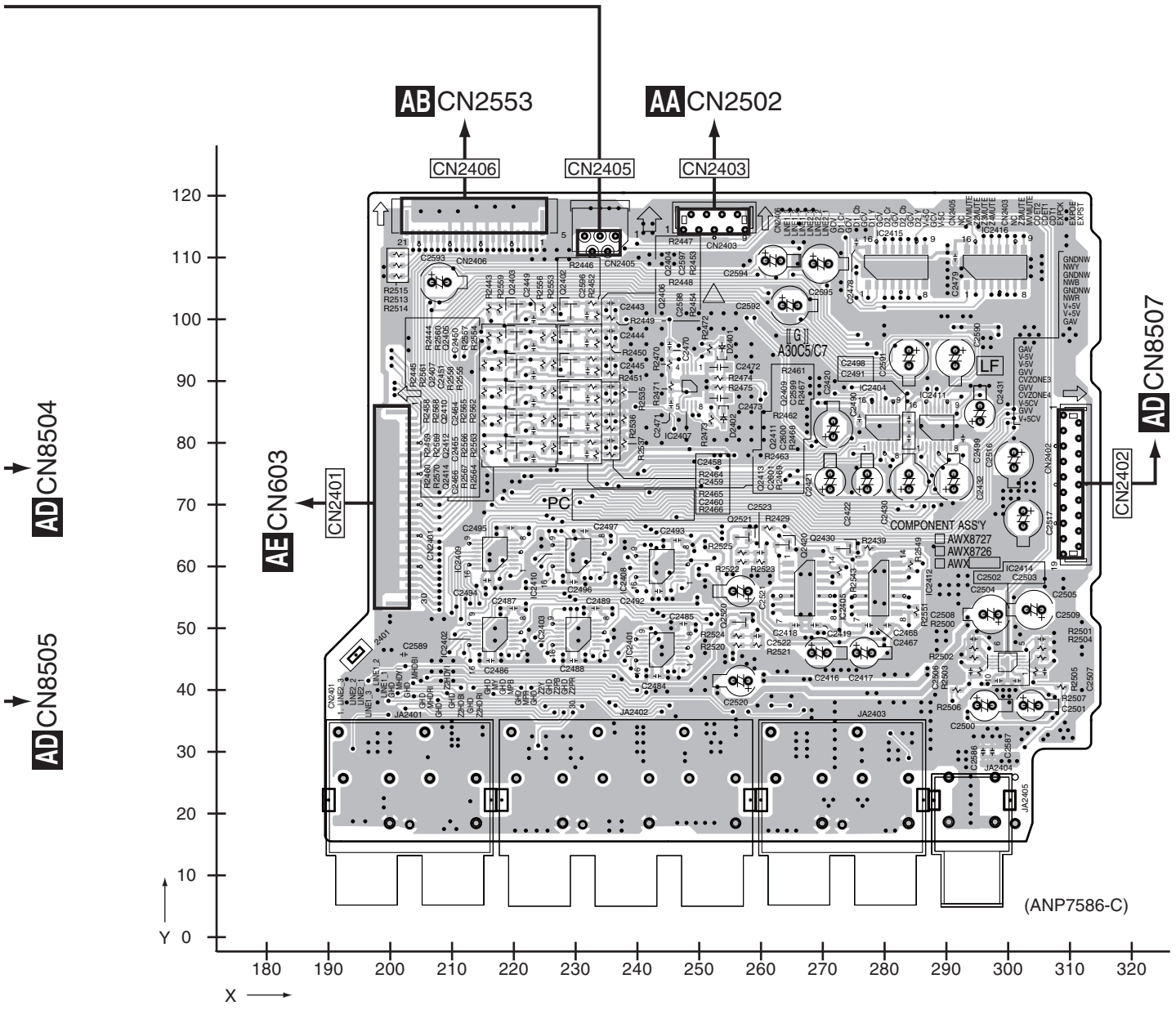
11.15 COMPOSITE and COMPONENT ASSYS

SIDE A

X COMPOSITE ASSY

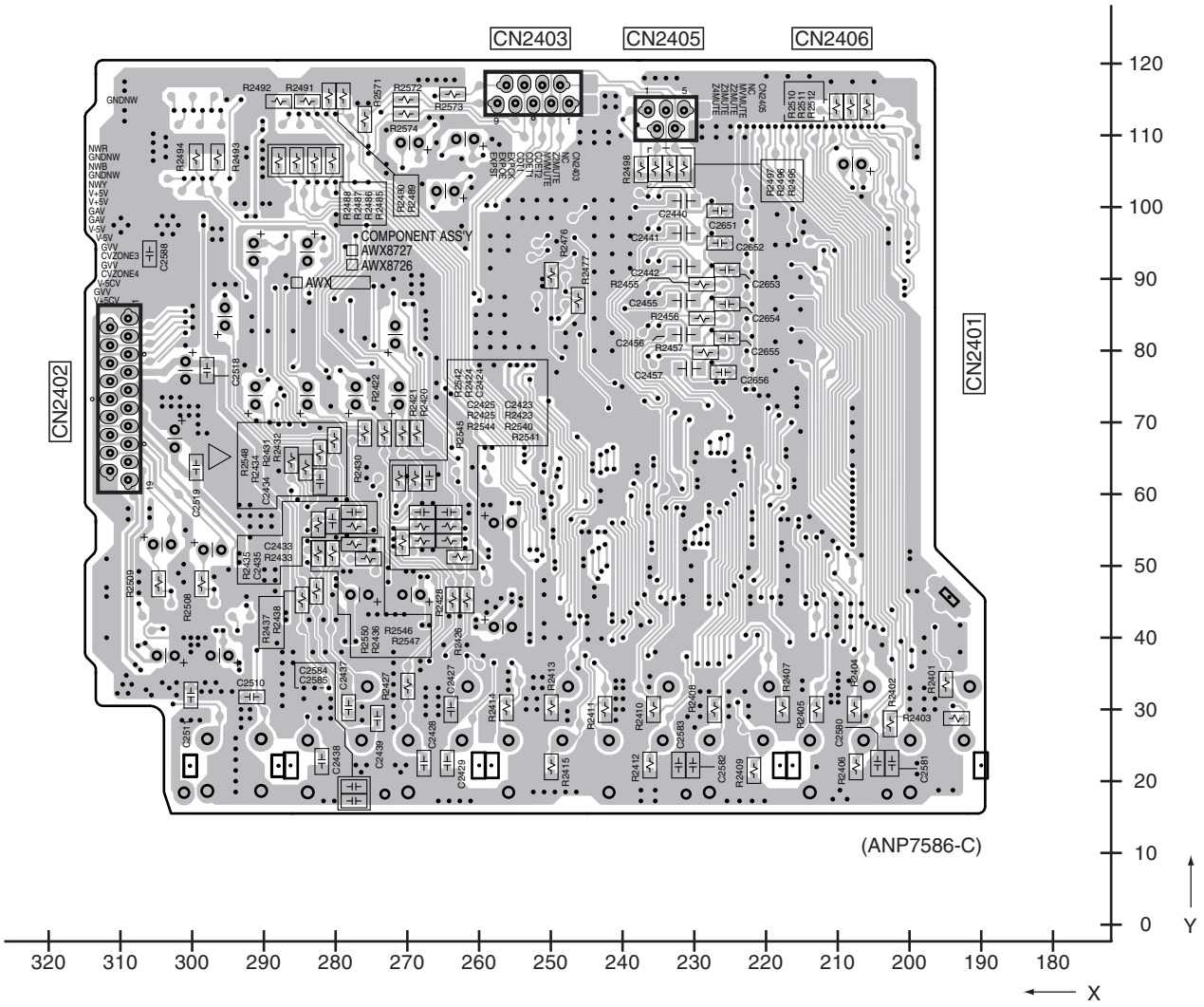


Z COMPONENT ASSY

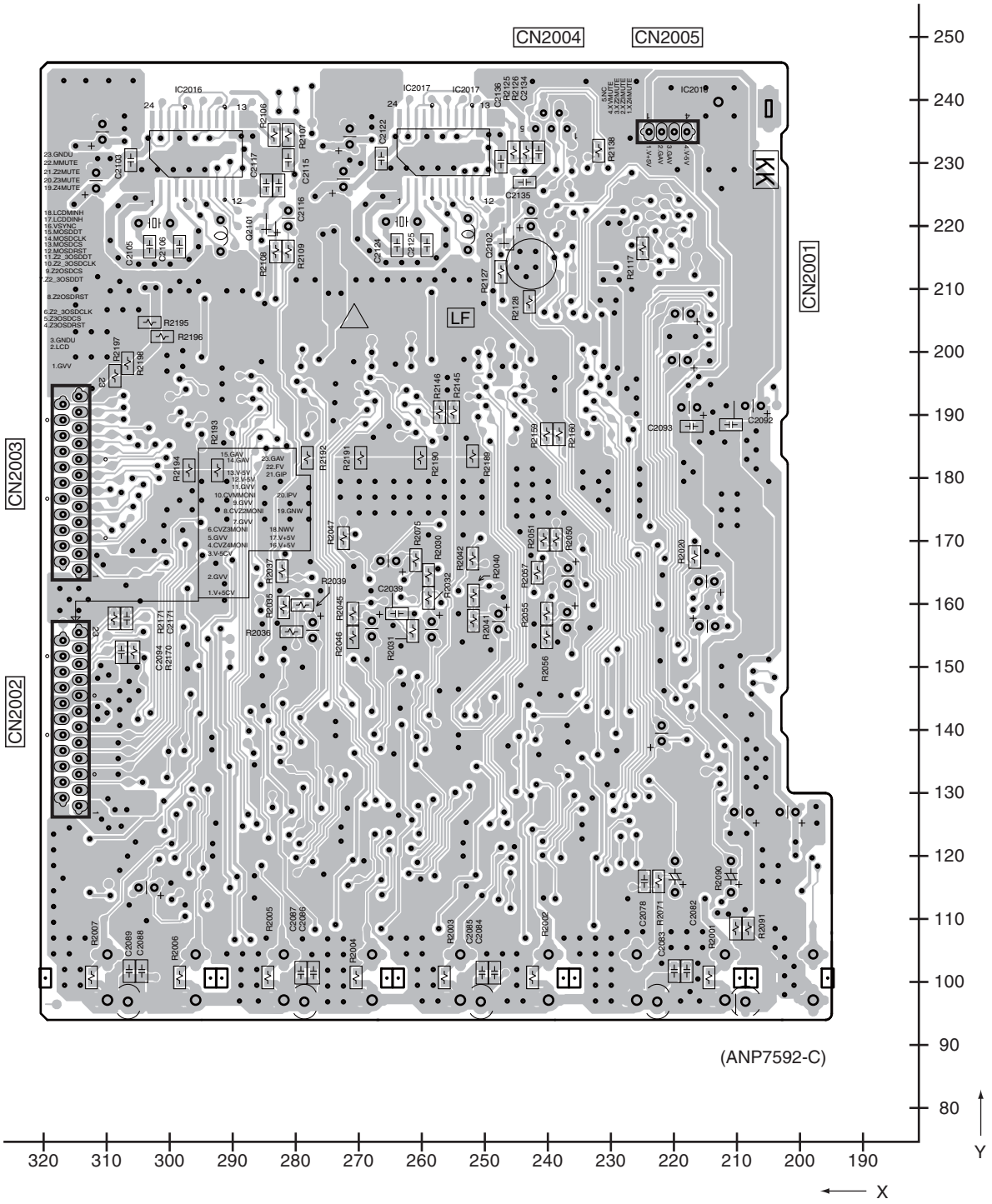


SIDE B

Z COMPONENT ASSY

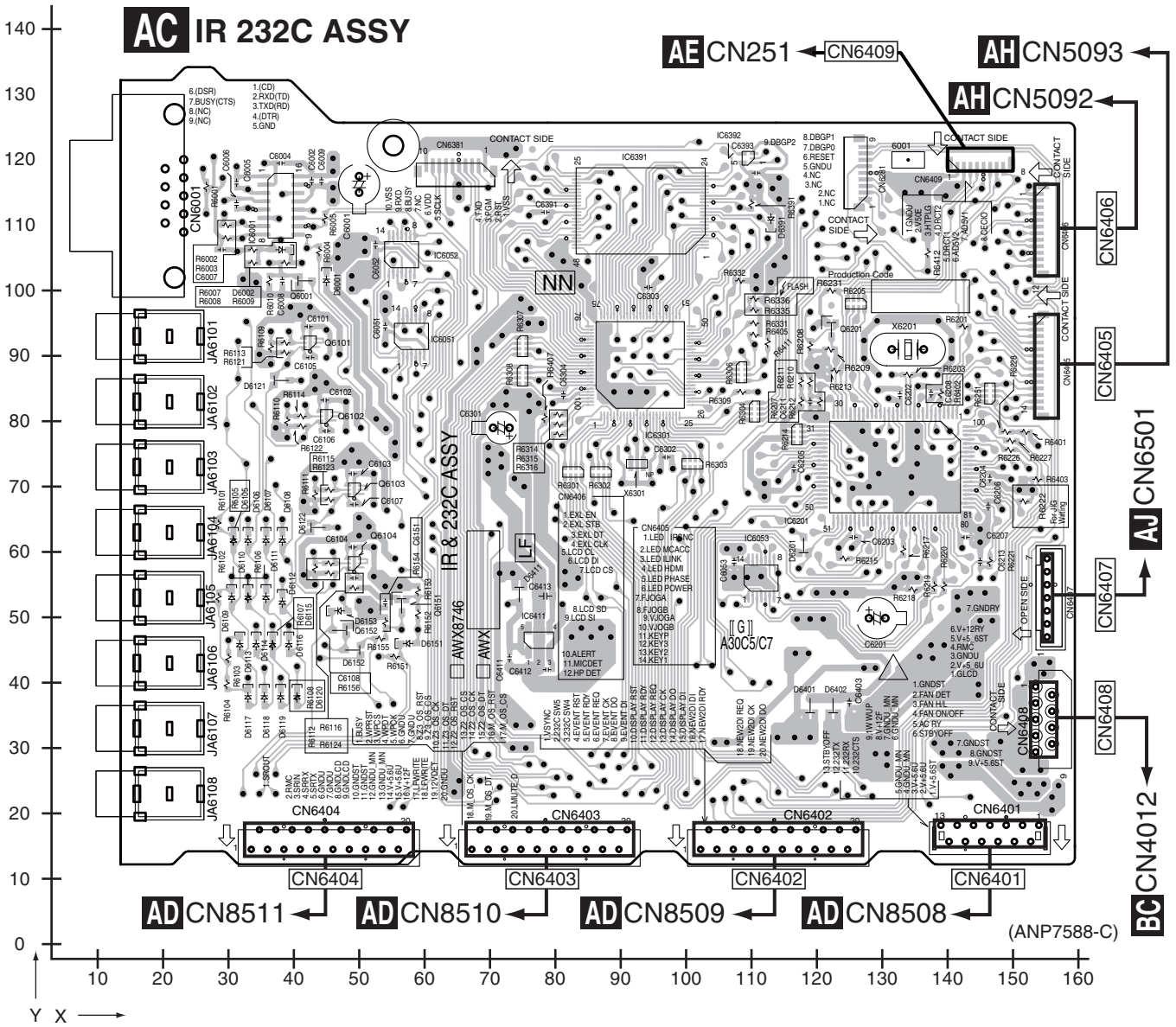


X COMPOSITE ASSY



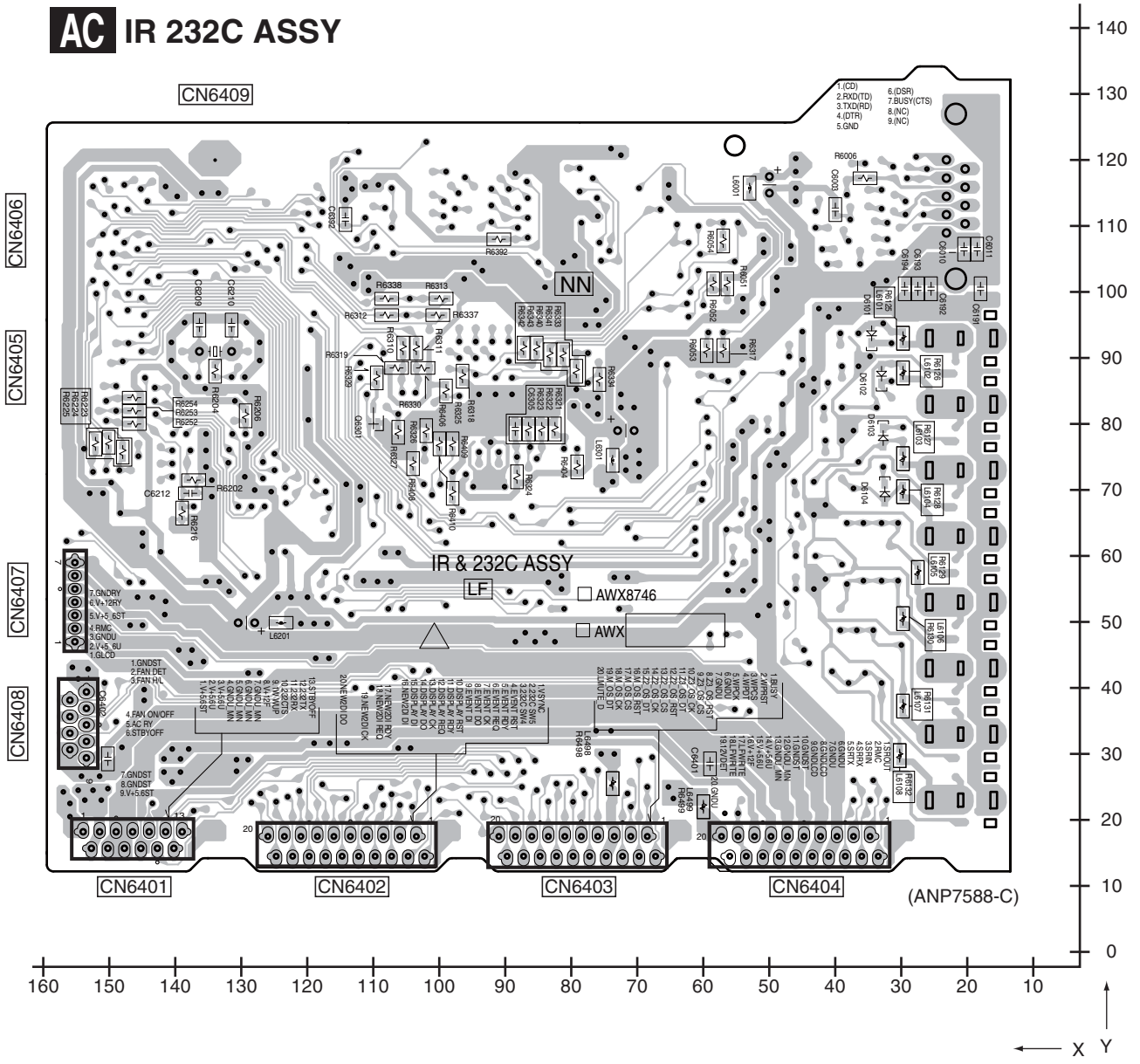
11.16 IR 232C ASSY

SIDE A **SIDE A**



SIDE B

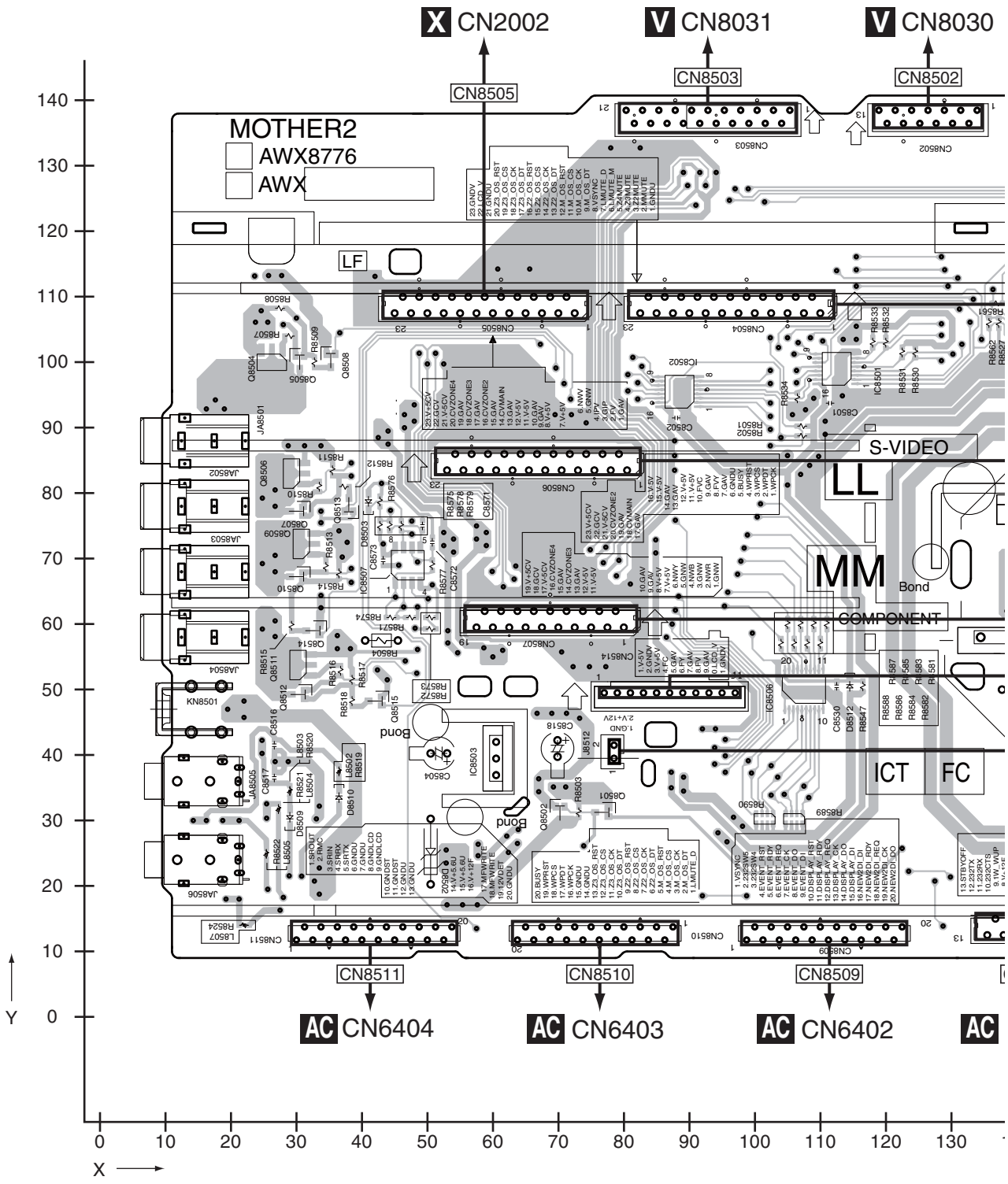
AC IR 232C ASSY



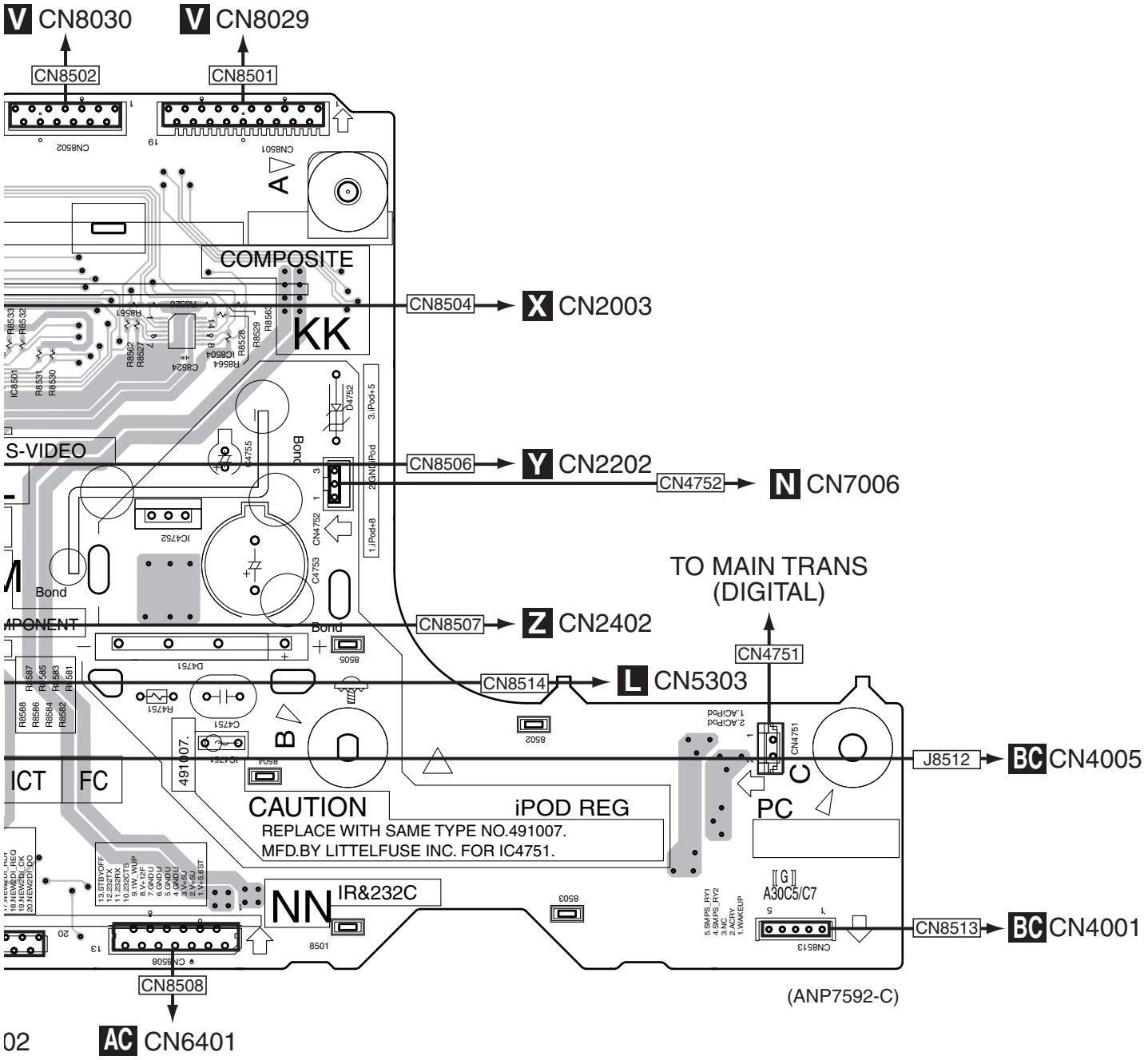
11.17 MOTHER 2 ASSY

SIDE A

AD MOTHER 2 ASSY

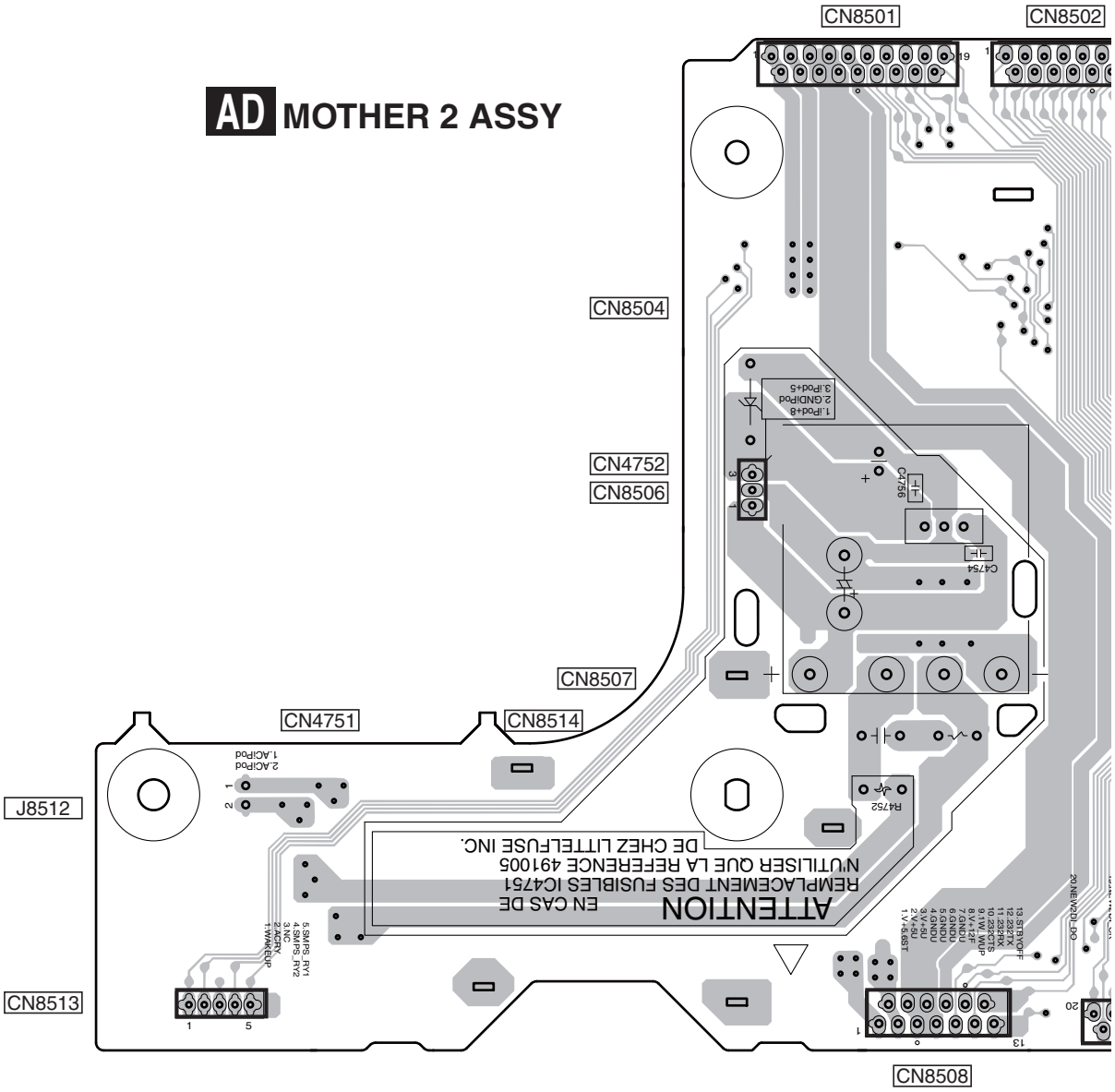


SIDE A

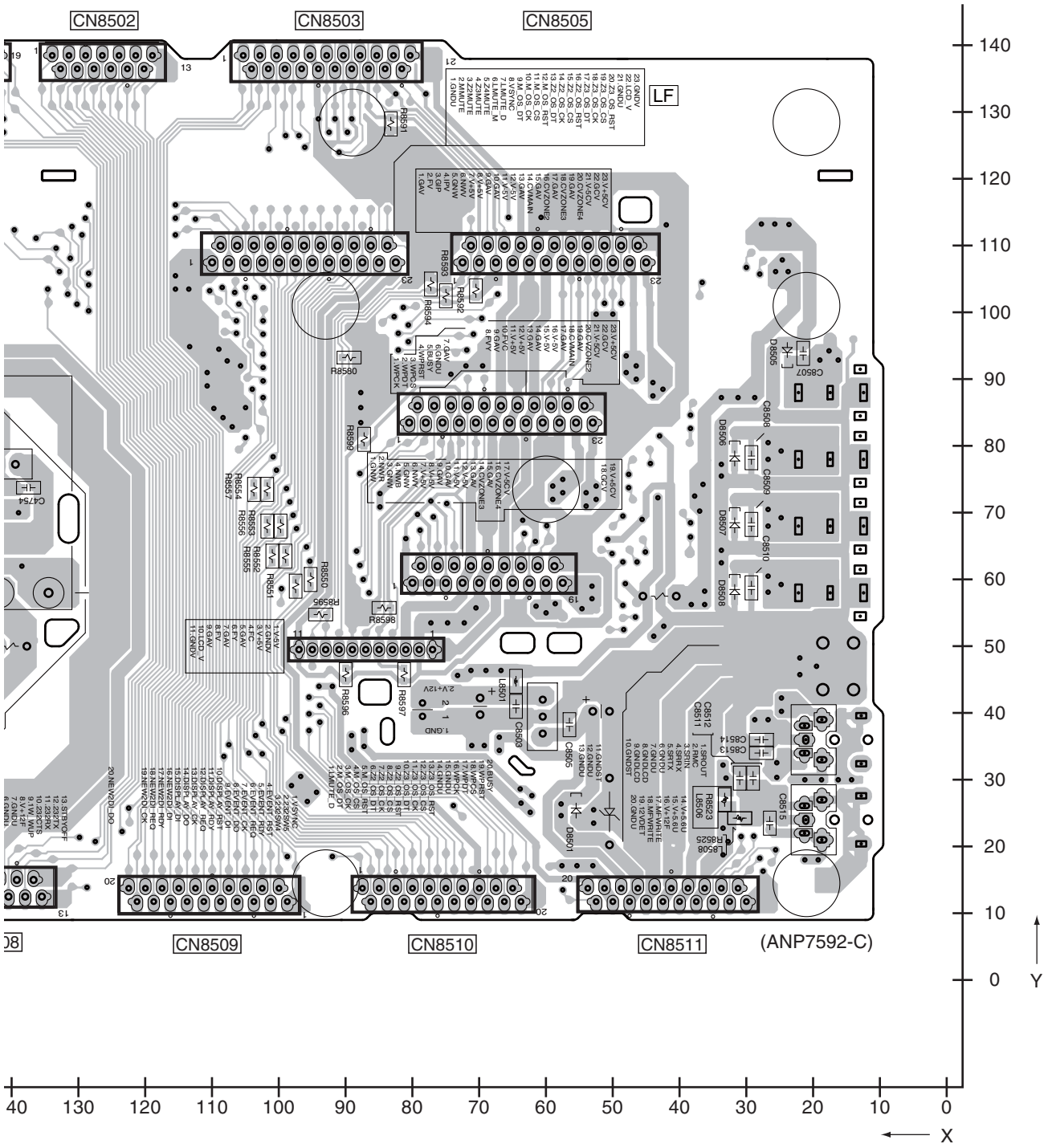

V CN8030
V CN8029
CN8502
CN8501
COMPOSITE
CN8504
X CN2003
KK
S-VIDEO
CN8506
Y CN2202
CN4752
N CN7006
TO MAIN TRANS
(DIGITAL)
CN8507
Z CN2402
CN4751
CN8514
L CN5303
J8512
BC CN4005
ICT
FC
CAUTION
iPOD REG
REPLACE WITH SAME TYPE NO.491007.
MFD.BY LITTELFUSE INC. FOR IC4751.
PC
NN
IR&232C
CN8513
BC CN4001
CN8508
(ANP7592-C)
AC CN6401

SIDE B

AD MOTHER 2 ASSY



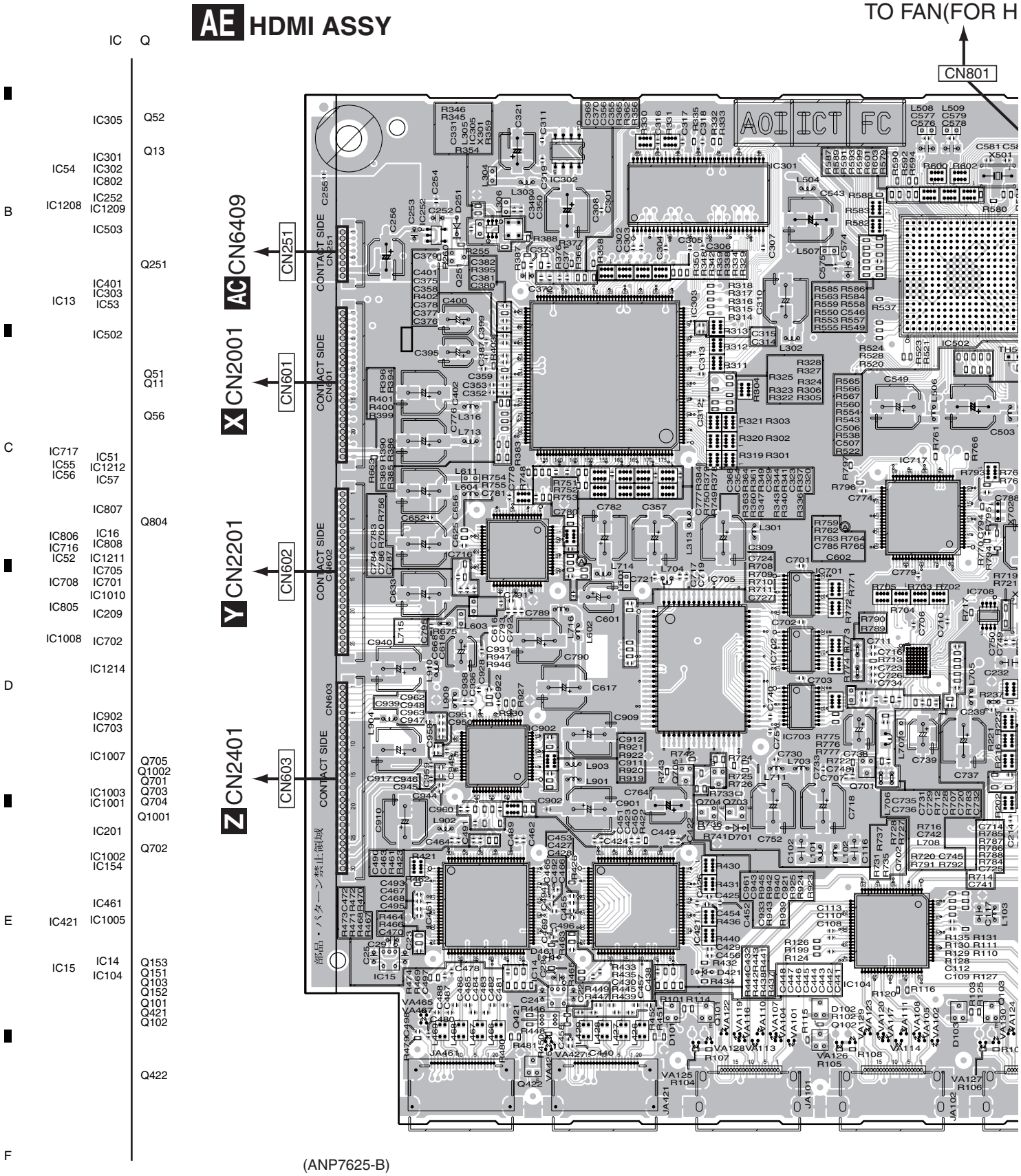
SIDE B



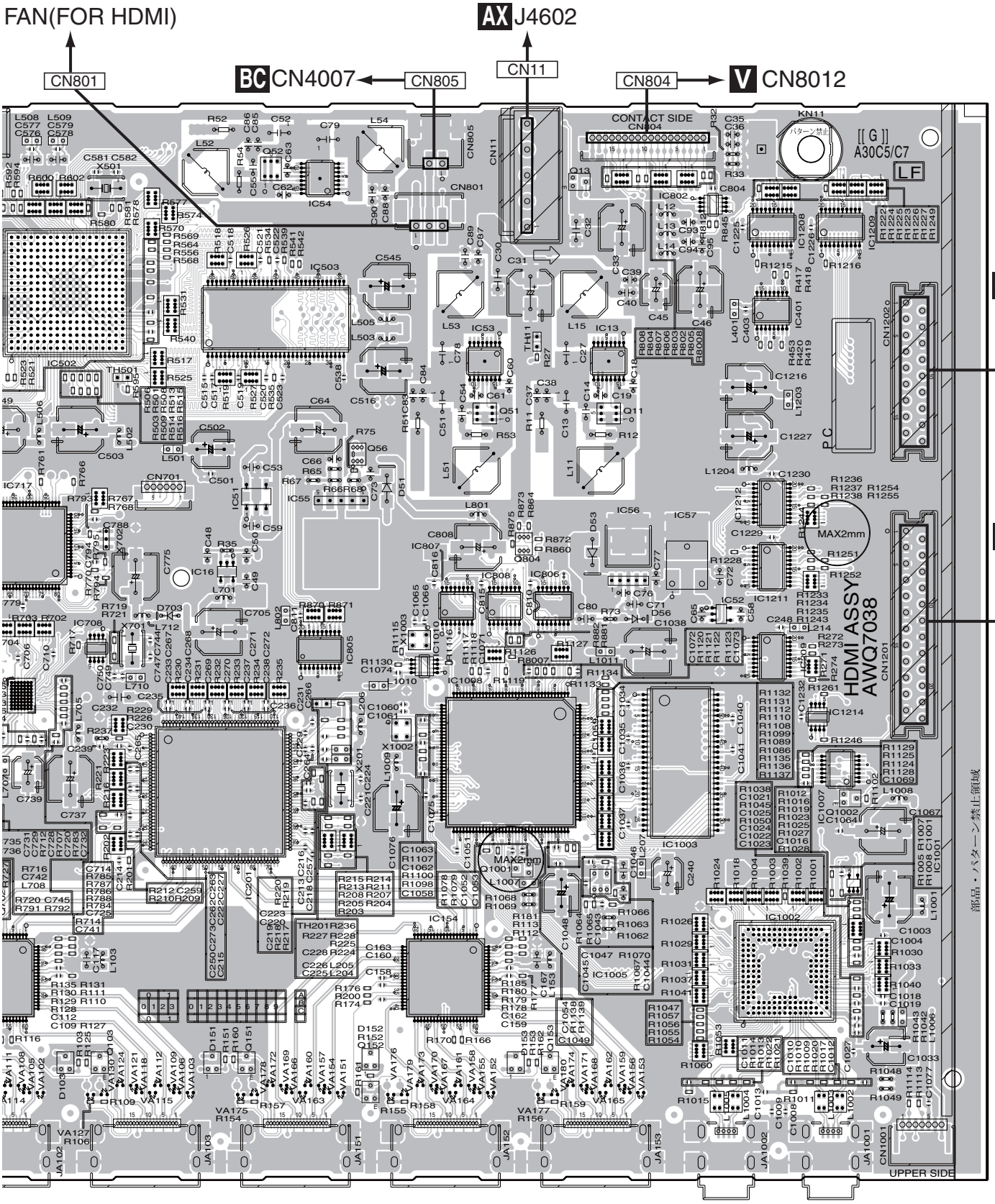
11.18 HDMI ASSY

SIDE A

AE HDMI ASSY



(ANP7625-B)

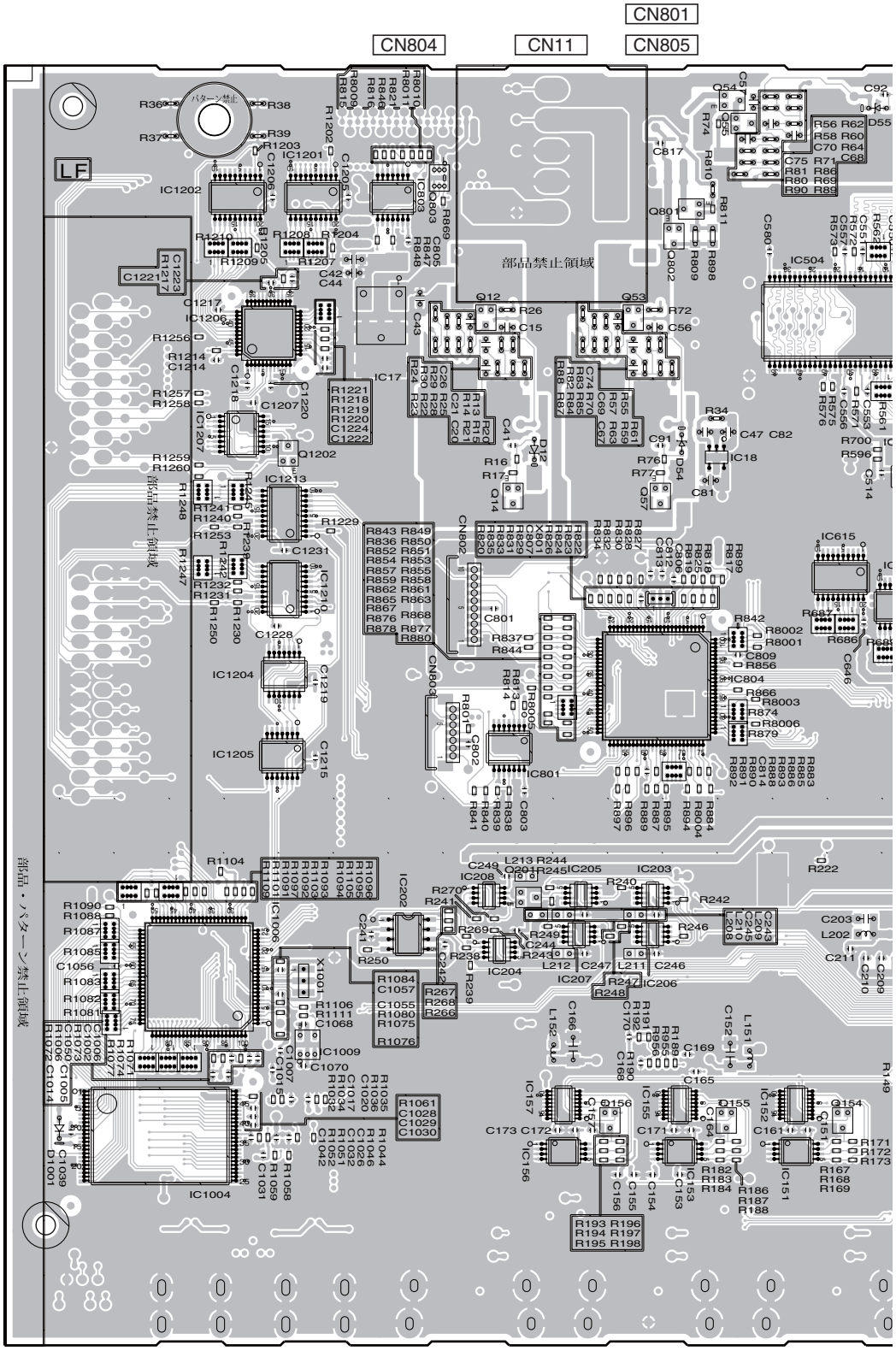

FAN(FOR HDMI)
CN801
BC CN4007
CN805
AX J4602
CN11
CN804
V CN8012
CN304
CN303
CN1202
CN1201
HDMI ASSY
AWQ7038
MAX2mm
CONTACT SIDE
CN804
[[G]]
A30C5/C7
LF
UPPER SIDE
部品・パターン禁止領域

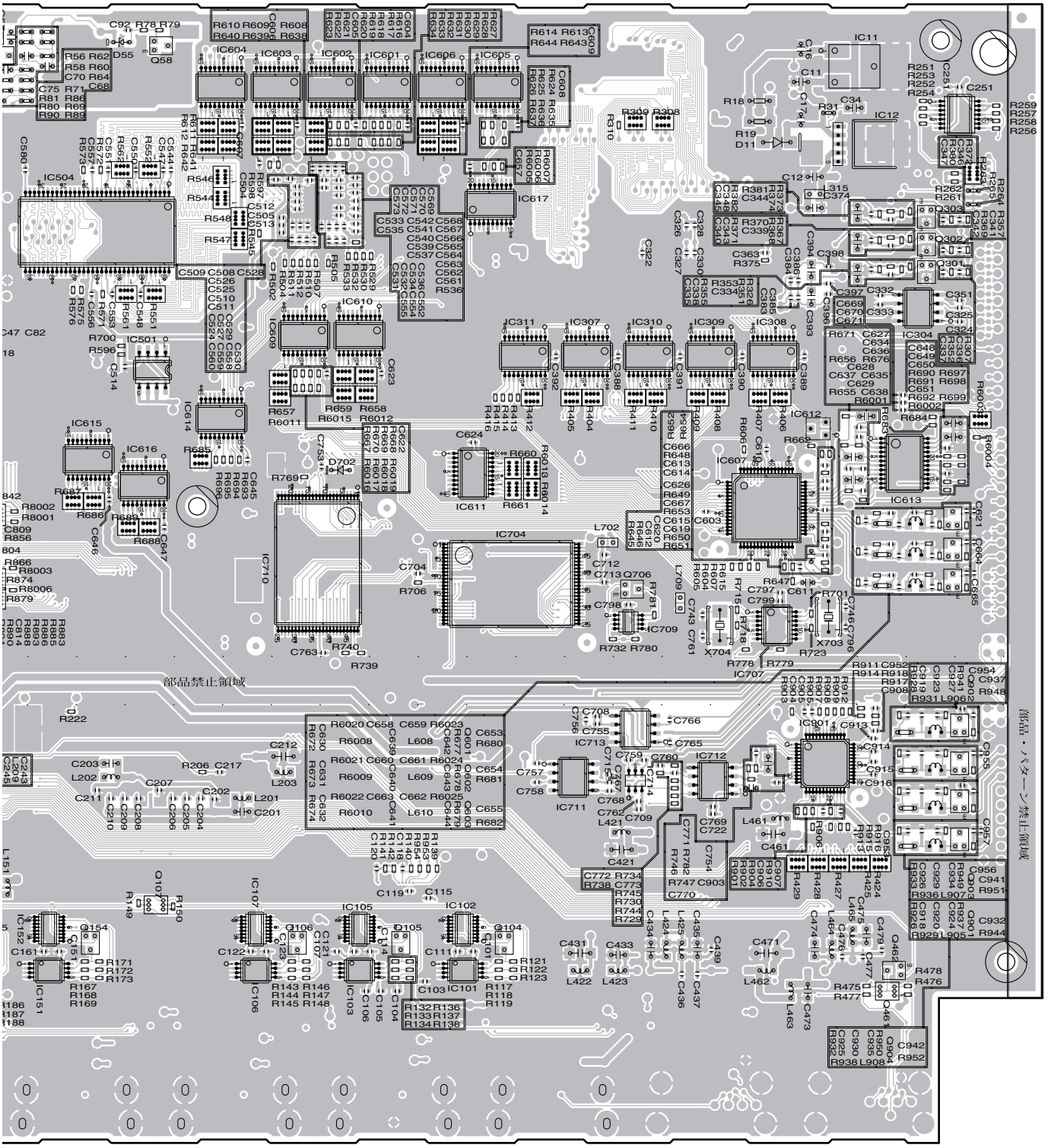
SIDE B

AE HDMI ASSY

IC Q

IC11 Q54
IC604 IC601
IC605 IC602 Q55 Q58
IC606 IC603
IC251
IC1201
IC1202 IC12
IC803 Q803 Q801
IC504 Q802
IC617 Q53 Q303
IC1206 Q12
Q302
Q301
IC17
IC609 IC610
IC309 IC304
IC310 IC307
IC311 IC308
IC1207 IC501 Q1202
IC18
IC1213 Q57 Q14
IC612
IC614 IC615
IC1210 IC616
IC607
IC613
IC611
IC704
IC1204
IC804
IC710 Q706
IC1205
IC709
IC801
IC707
Q902
IC203 IC901 Q201
IC205 IC208
IC202 IC713 Q601
IC712
IC1006
IC714 Q602
IC711 IC204
IC206 IC207 Q603
IC1009 Q107 Q903
IC107
IC102 IC105 Q104 Q154
IC157 Q105 Q155
IC155 IC152 Q106 Q156
Q462 Q901
IC101 IC156
IC153 IC151
IC106 IC103 Q461
IC1004
Q904



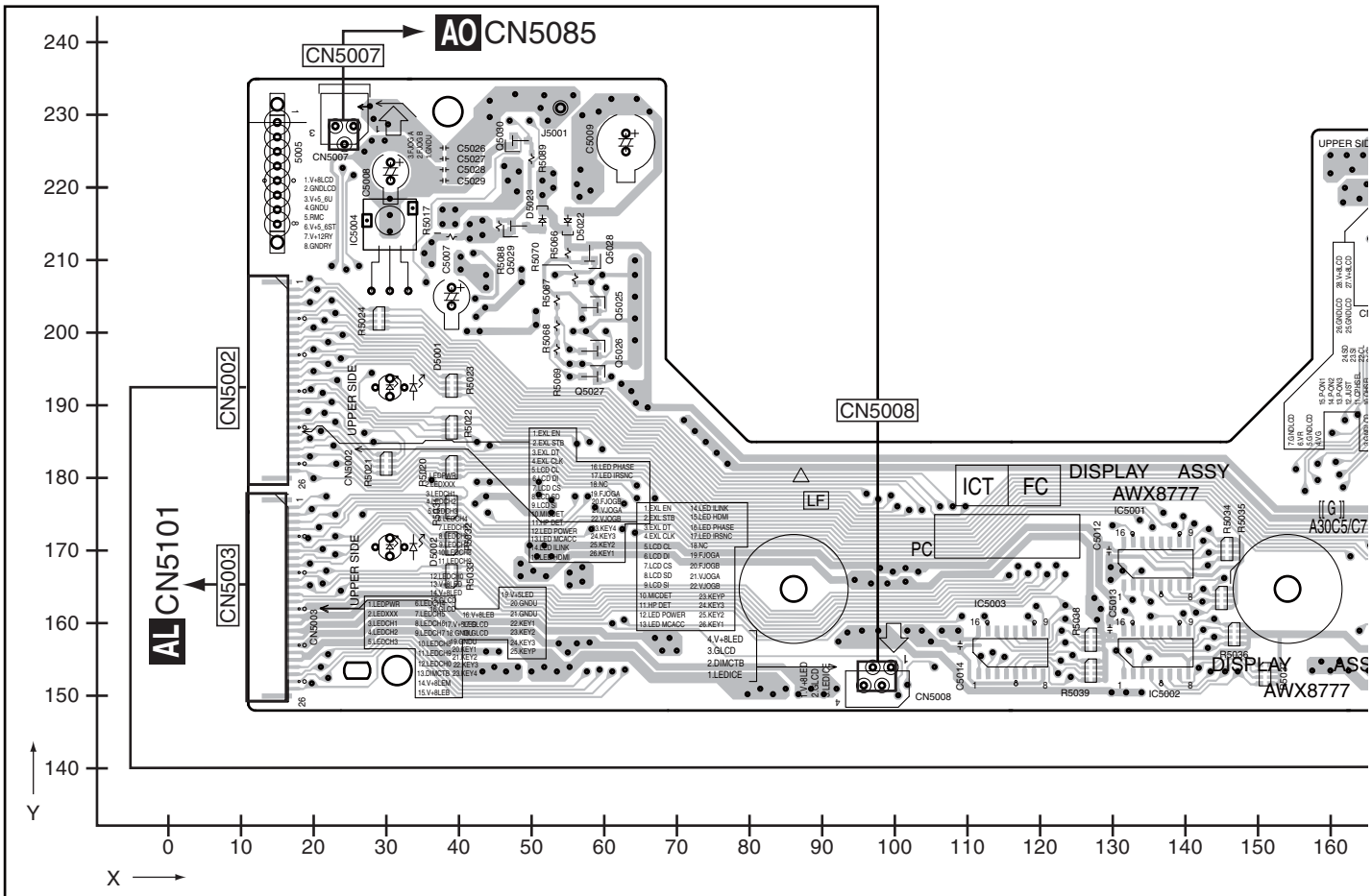


(ANP7625-B)

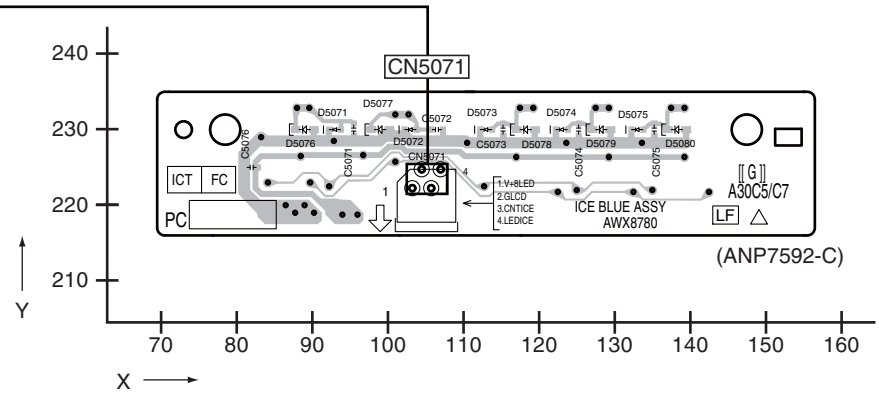
11.19 DISPLAY,ICEBLUE,PERCH FFC,PERCH DISP and PERCH PS ASSYS

SIDE A

AF DISPLAY ASSY

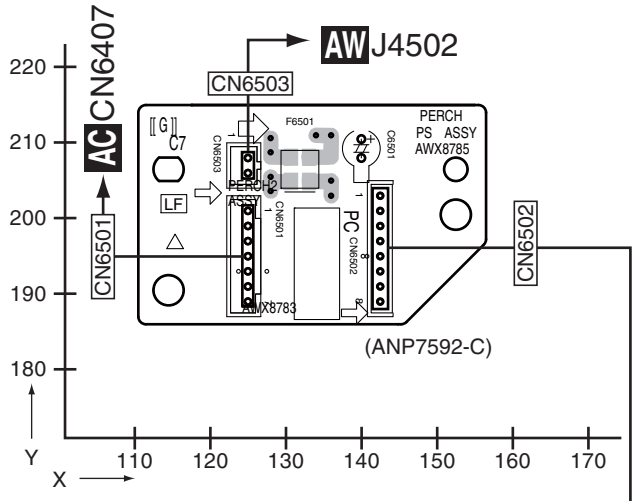


AG ICE BLUE ASSY

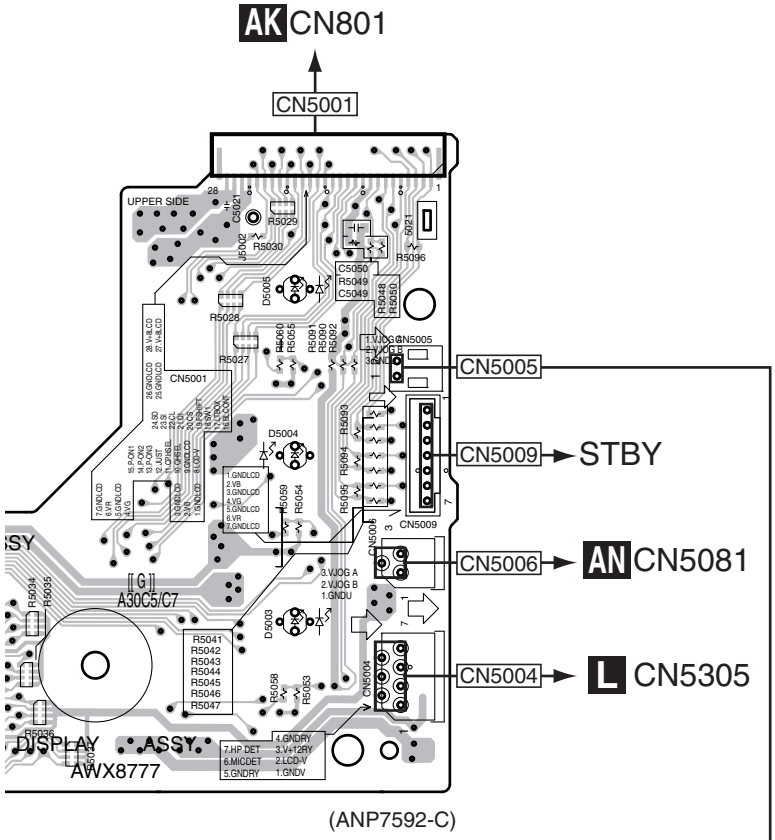


AF AG

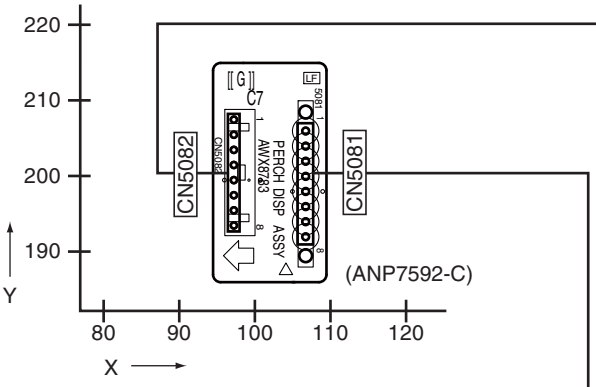
AJ PERCH PS ASSY



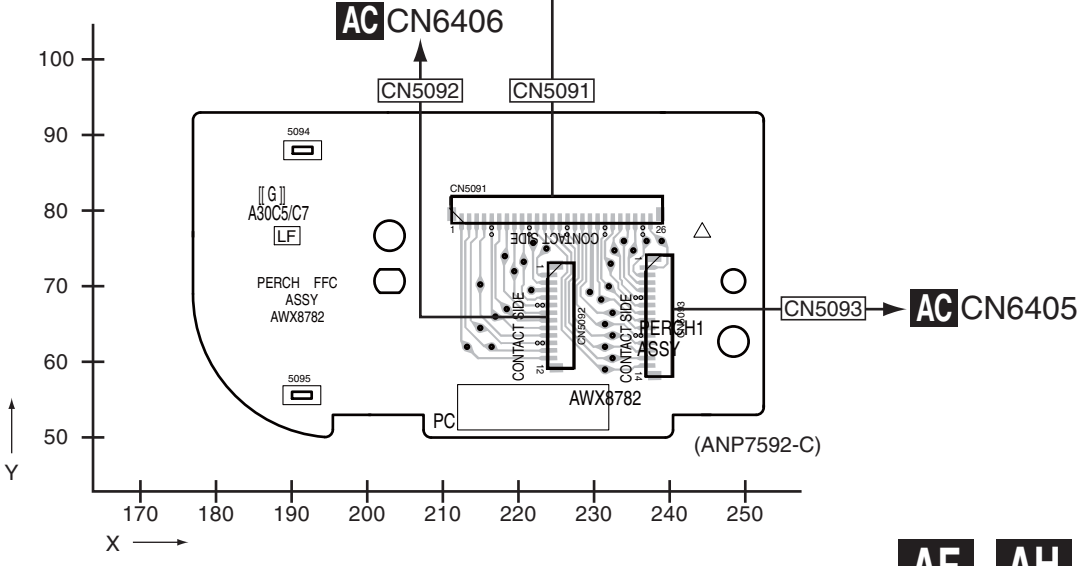
AK CN801



AI PERCH DISP ASSY

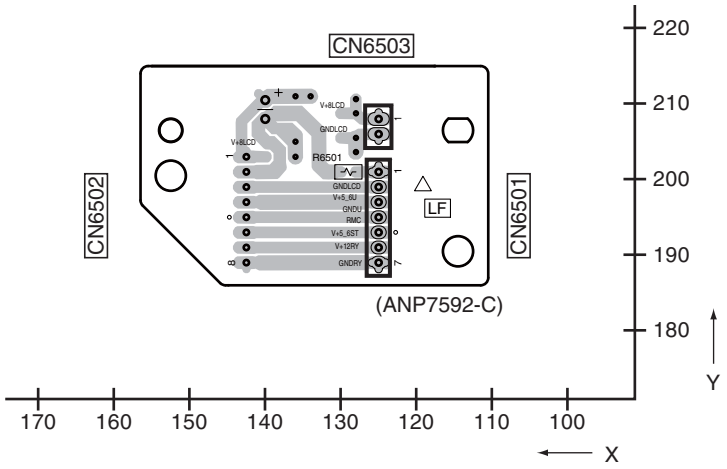


AH PERCH FFC ASSY

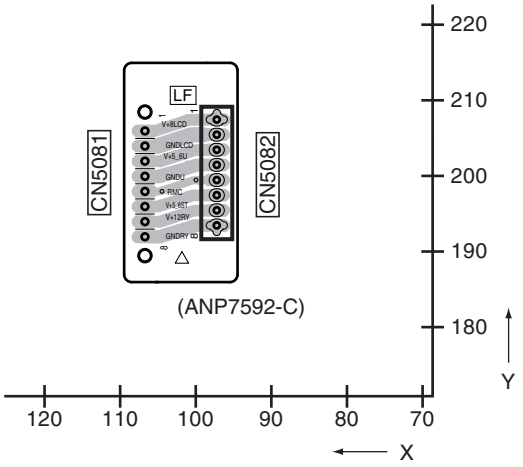


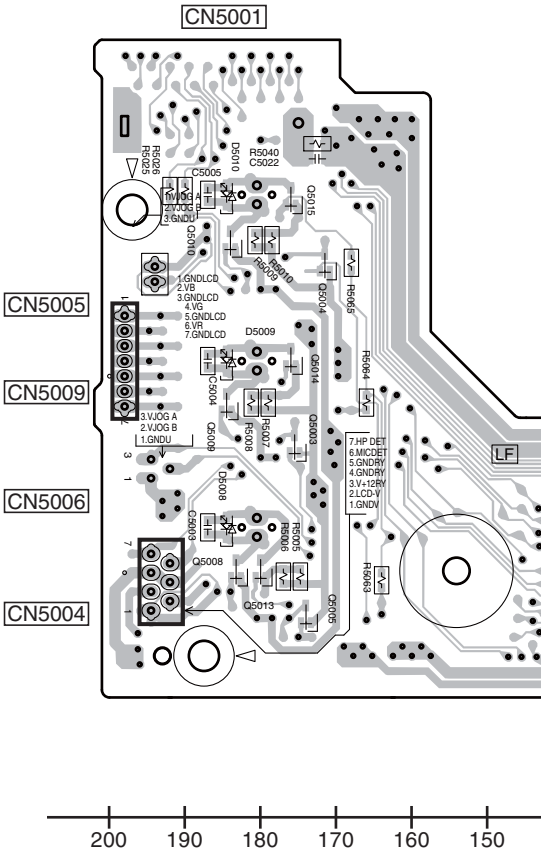
SIDE B

AJ PERCH PS ASSY

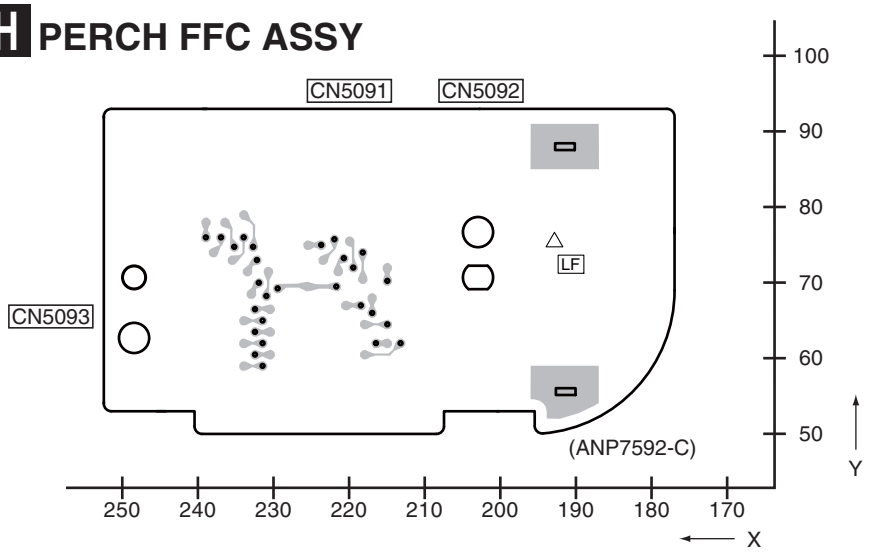


AI PERCH DISP ASSY



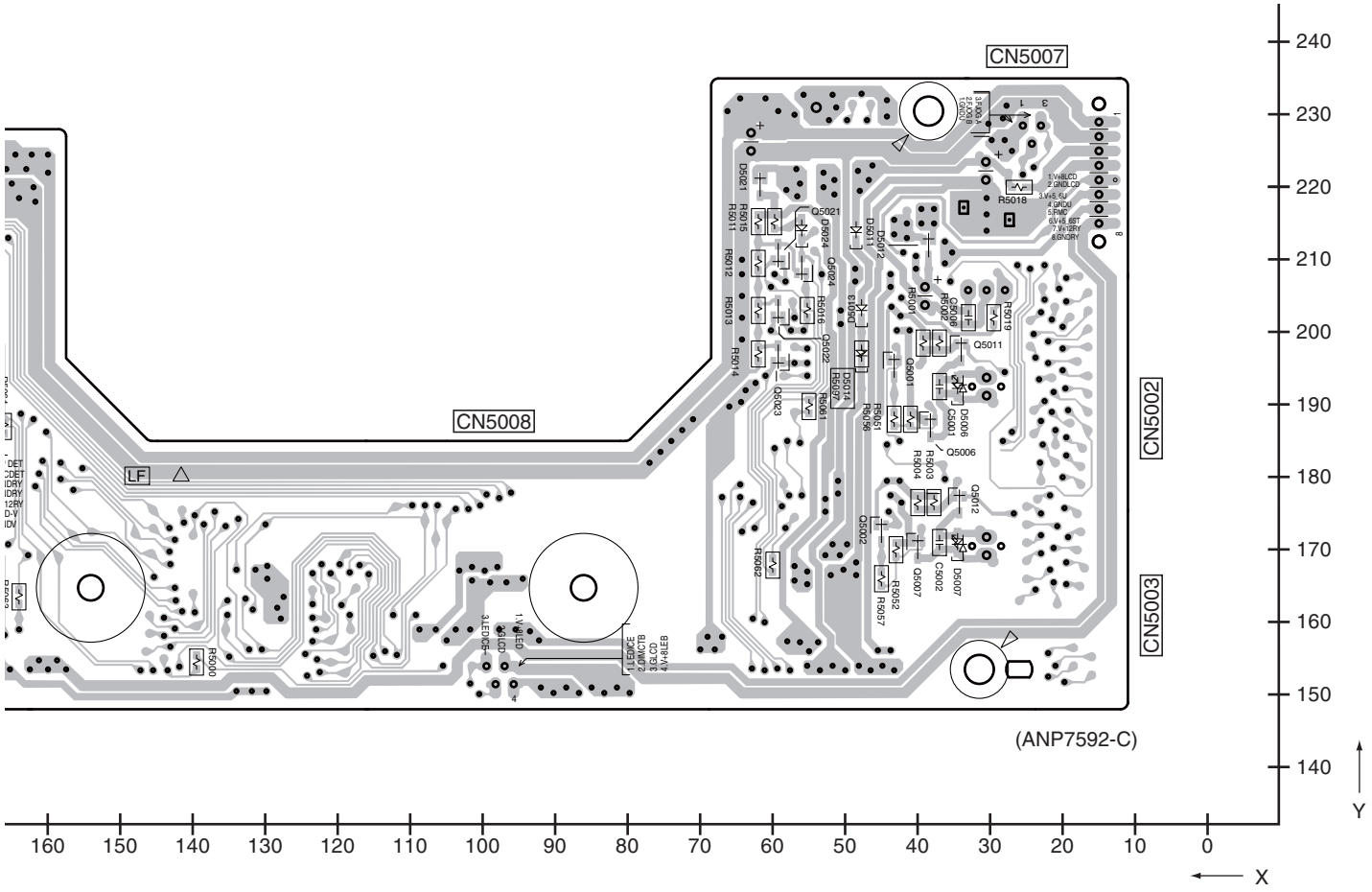


AH PERCH FFC ASSY

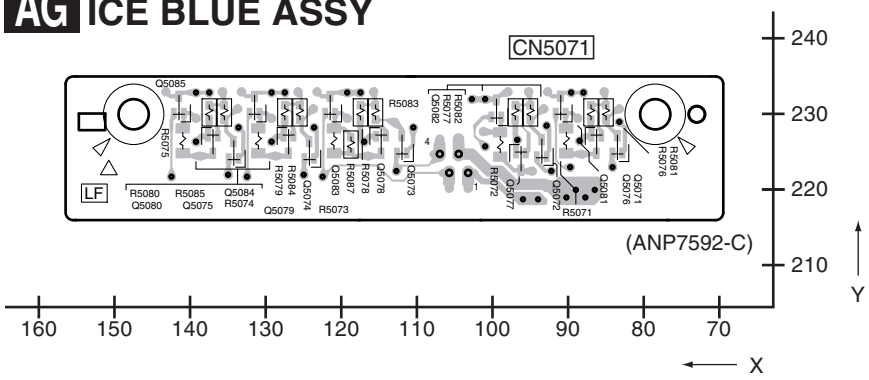


SIDE B

AF DISPLAY ASSY

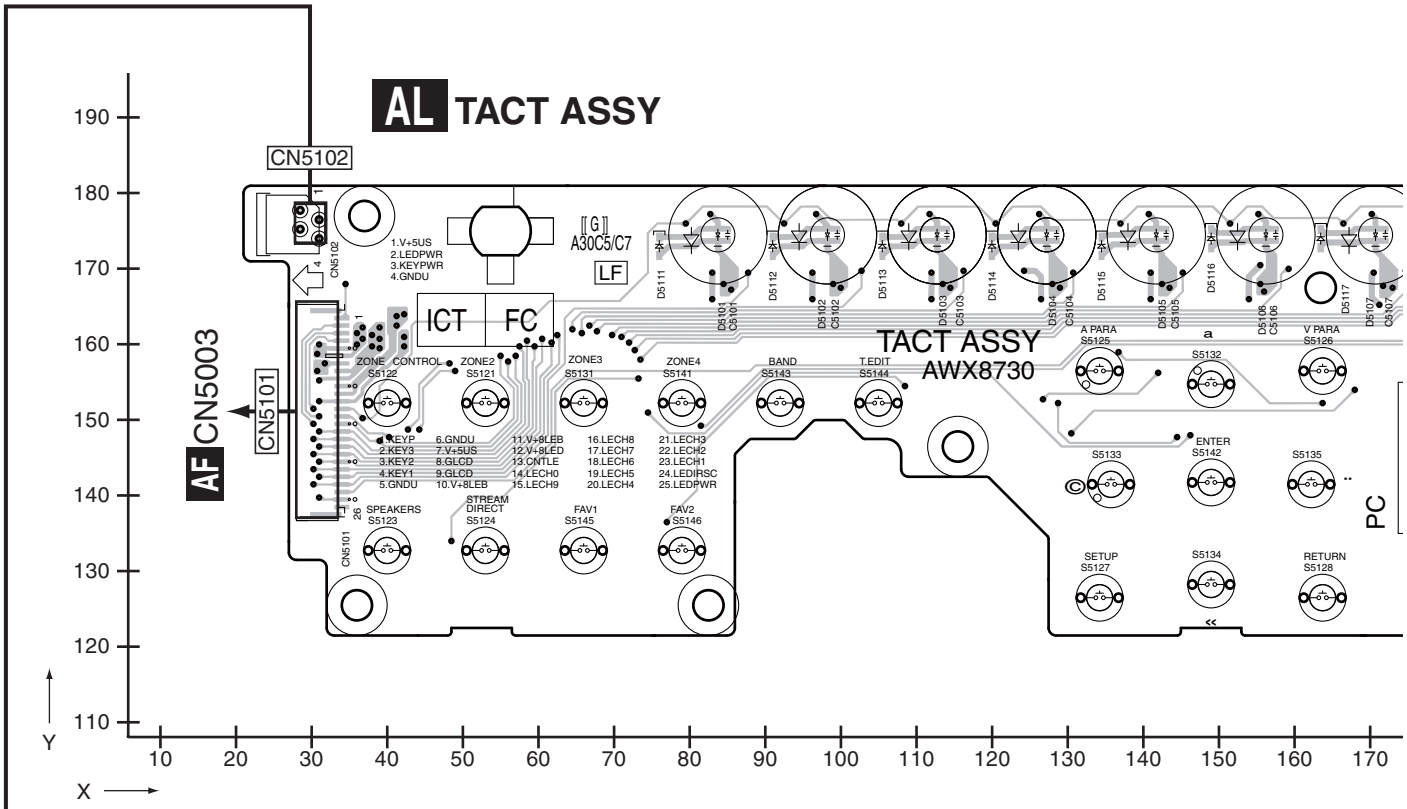


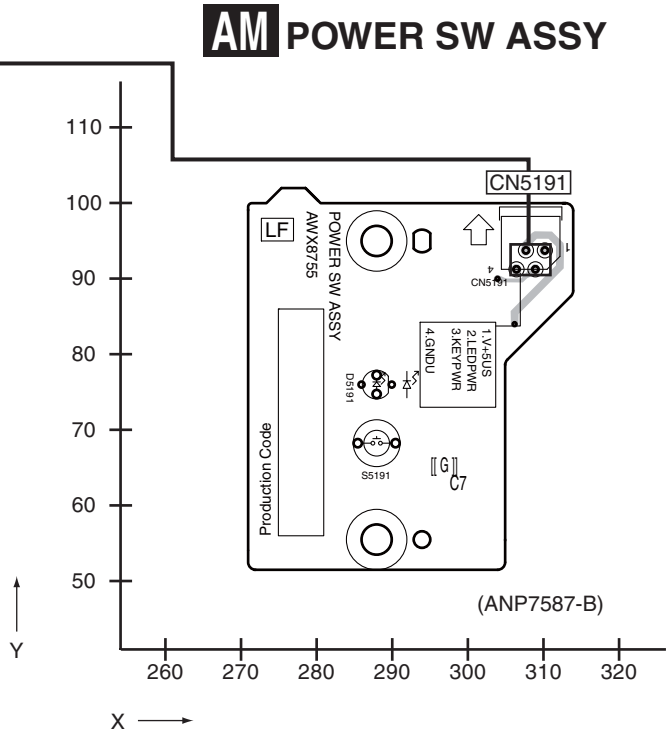
AG ICE BLUE ASSY



11.20 TACT,POWER SW,VOL ENCODER and FUNC ENCODER ASSYS

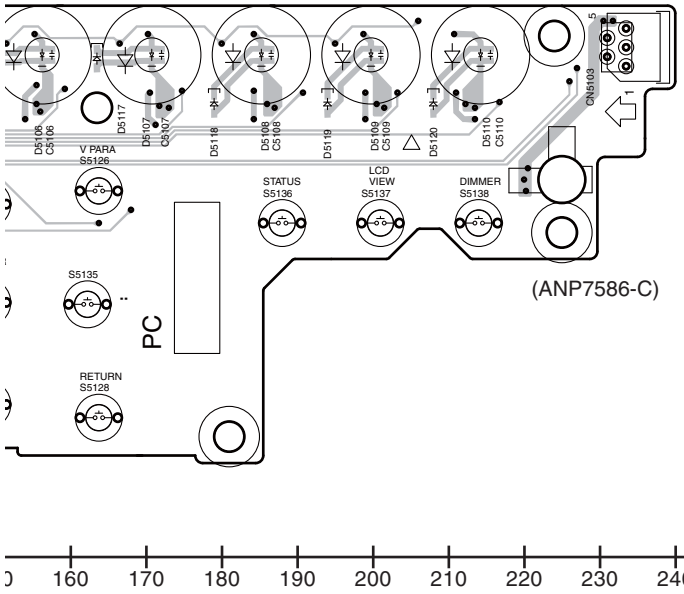
SIDE A





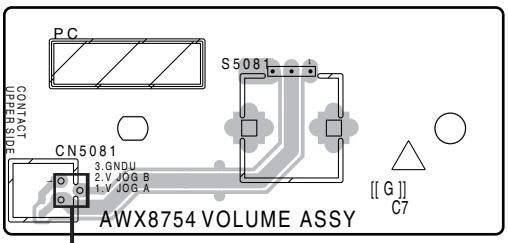
AL **AM**

SIDE A



(ANP7586-C)

AN VOLUME ENCODER ASSY

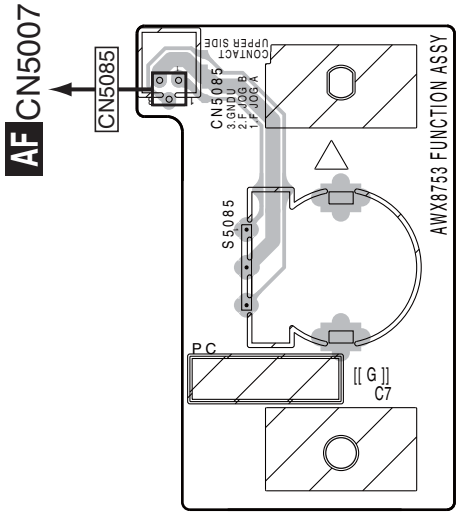


(ANP7590-B)

CN5081

AF CN5006

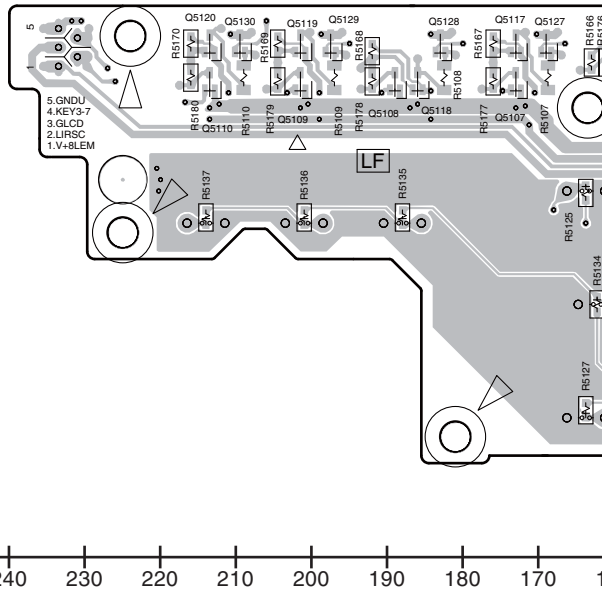
AO FUNCTION ENCODER ASSY



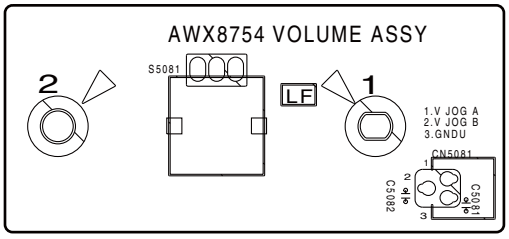
(ANP7590-B)

SIDE B

AL TACT ASSY



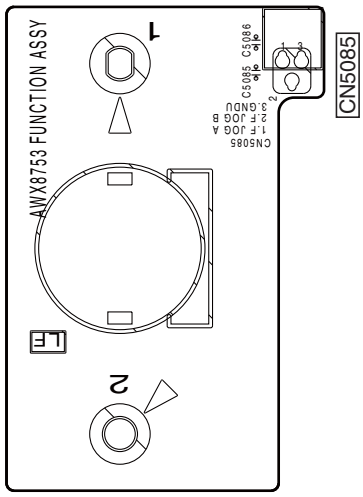
AN VOLUME ENCODER ASSY



CN5081

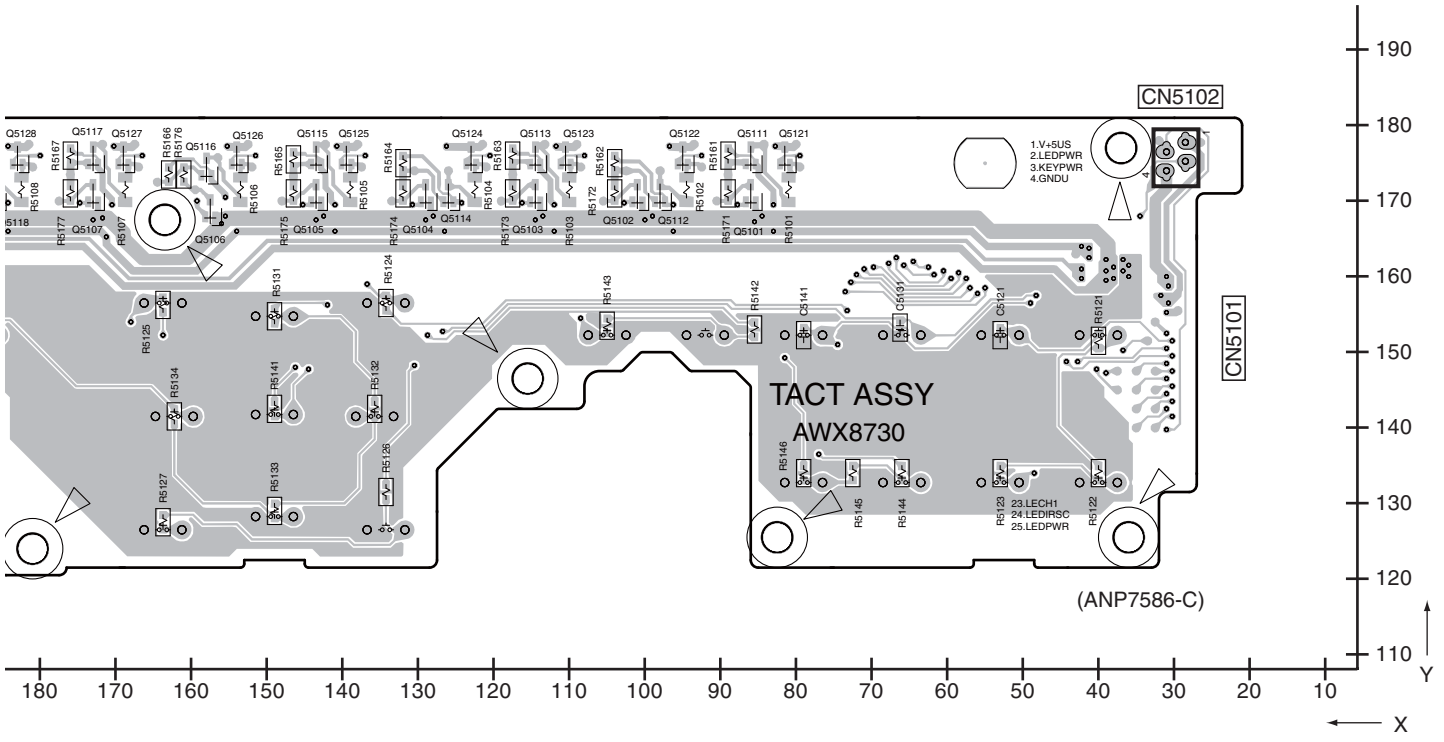
(ANP7590-B)

AO FUNCTION ENCODER ASSY

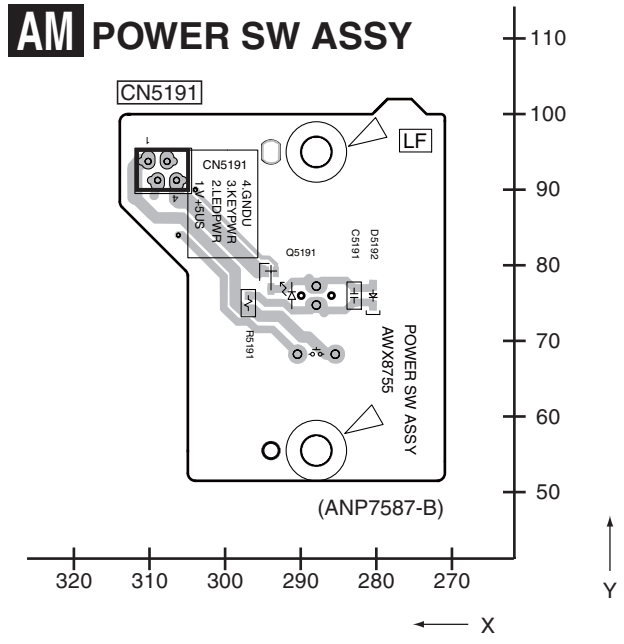


(ANP7590-B)

SIDE B



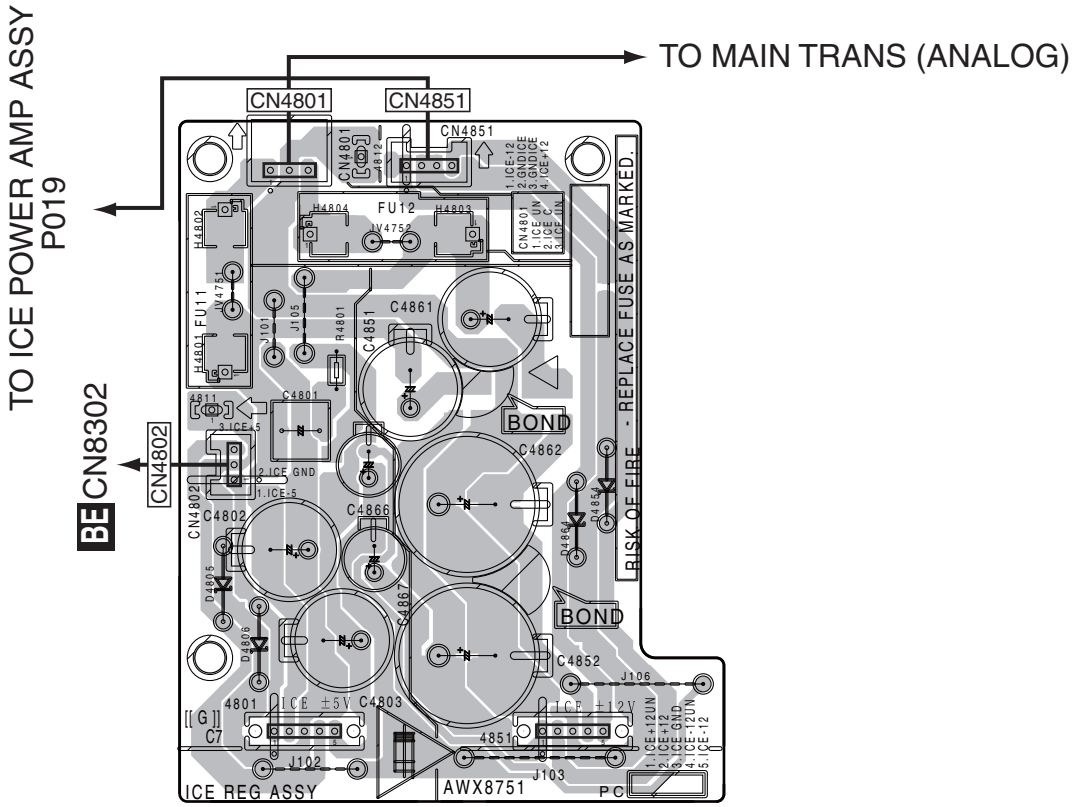
AM POWER SW ASSY



11.21 ICE REG, ICE 5 and ICE 12 ASSYS

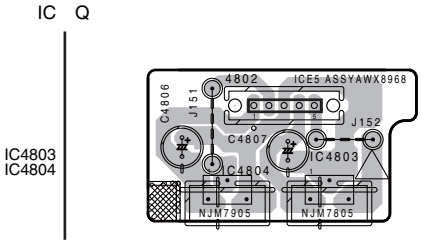
SIDE A **SIDE A**

AP ICE REG ASSY



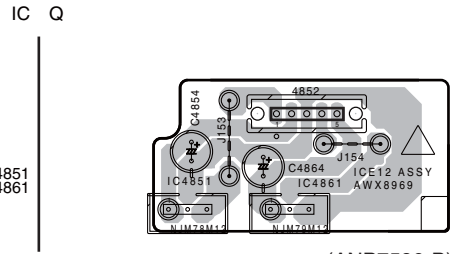
(ANP7590-B)

AQ ICE 5 ASSY



(ANP7590-B)

AR ICE 12 ASSY

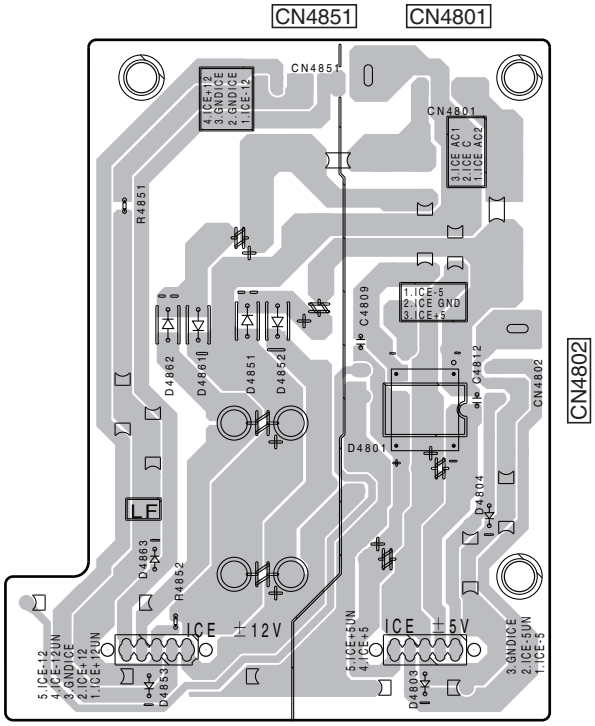


(ANP7590-B)

SIDE B

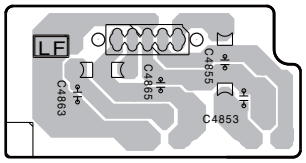
SIDE B

AP ICE REG ASSY



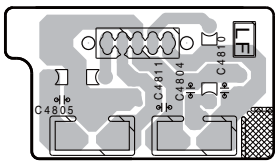
(ANP7590-B)

AR ICE 12 ASSY



(ANP7590-B)

AQ ICE 5 ASSY



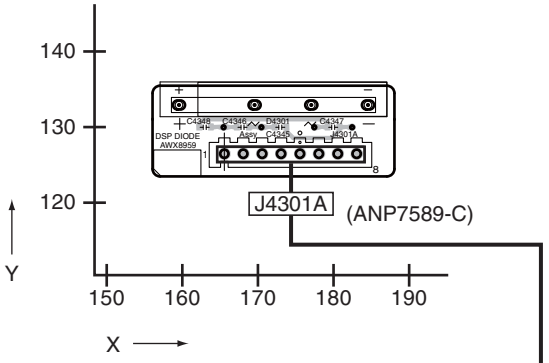
(ANP7590-B)

11.22 DD DSP, DSP DIODE and HN DIODE ASSYS

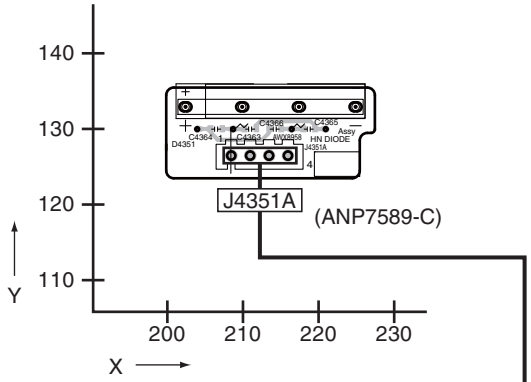
SIDE A

SIDE A

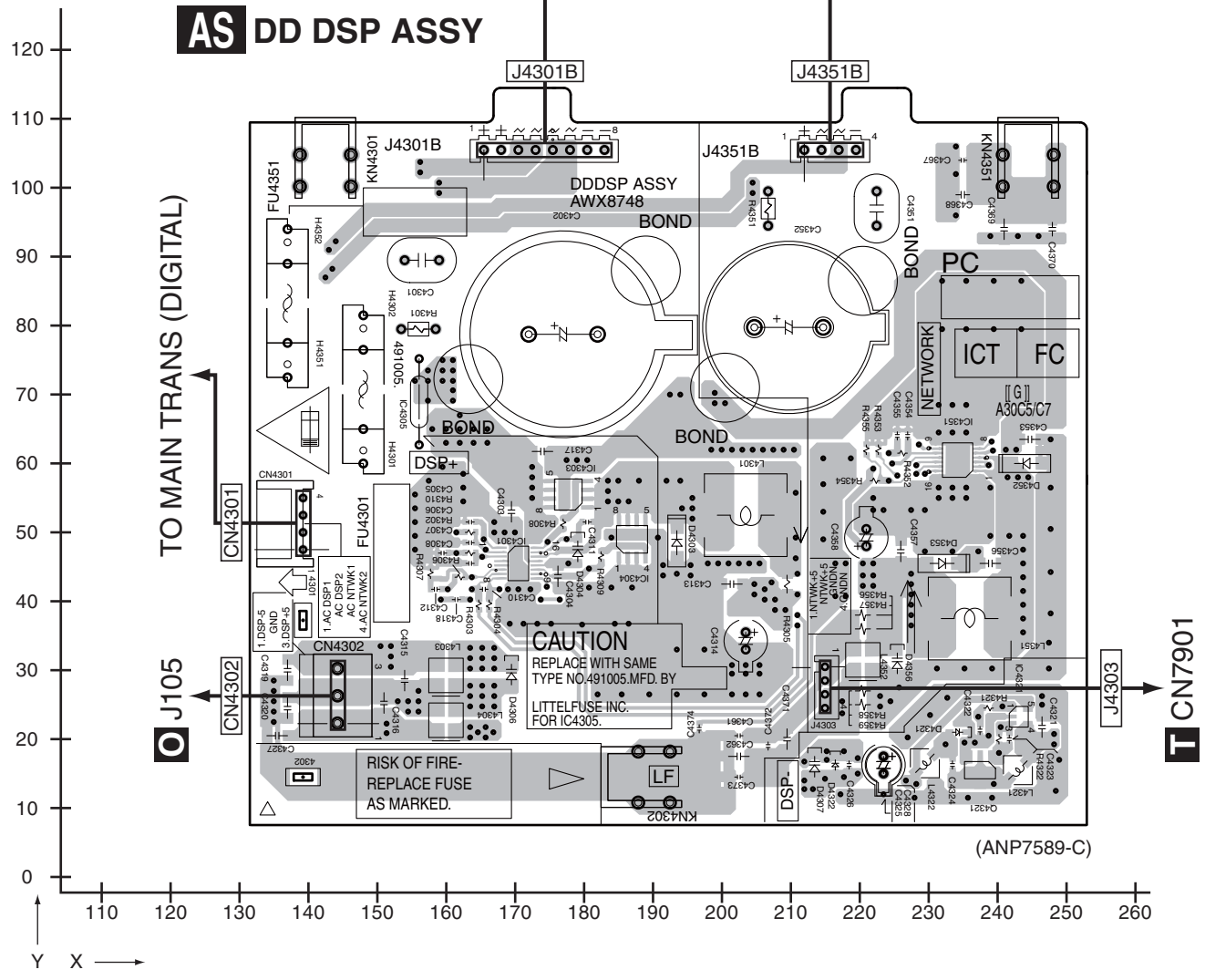
AT DSP DIODE ASSY



AU HN DIODE ASSY



AS DD DSP ASSY

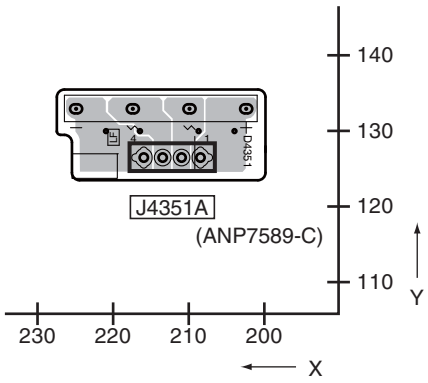


AS **AT** **AU**

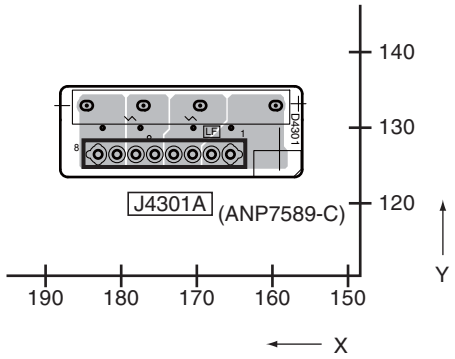
SIDE B

SIDE B

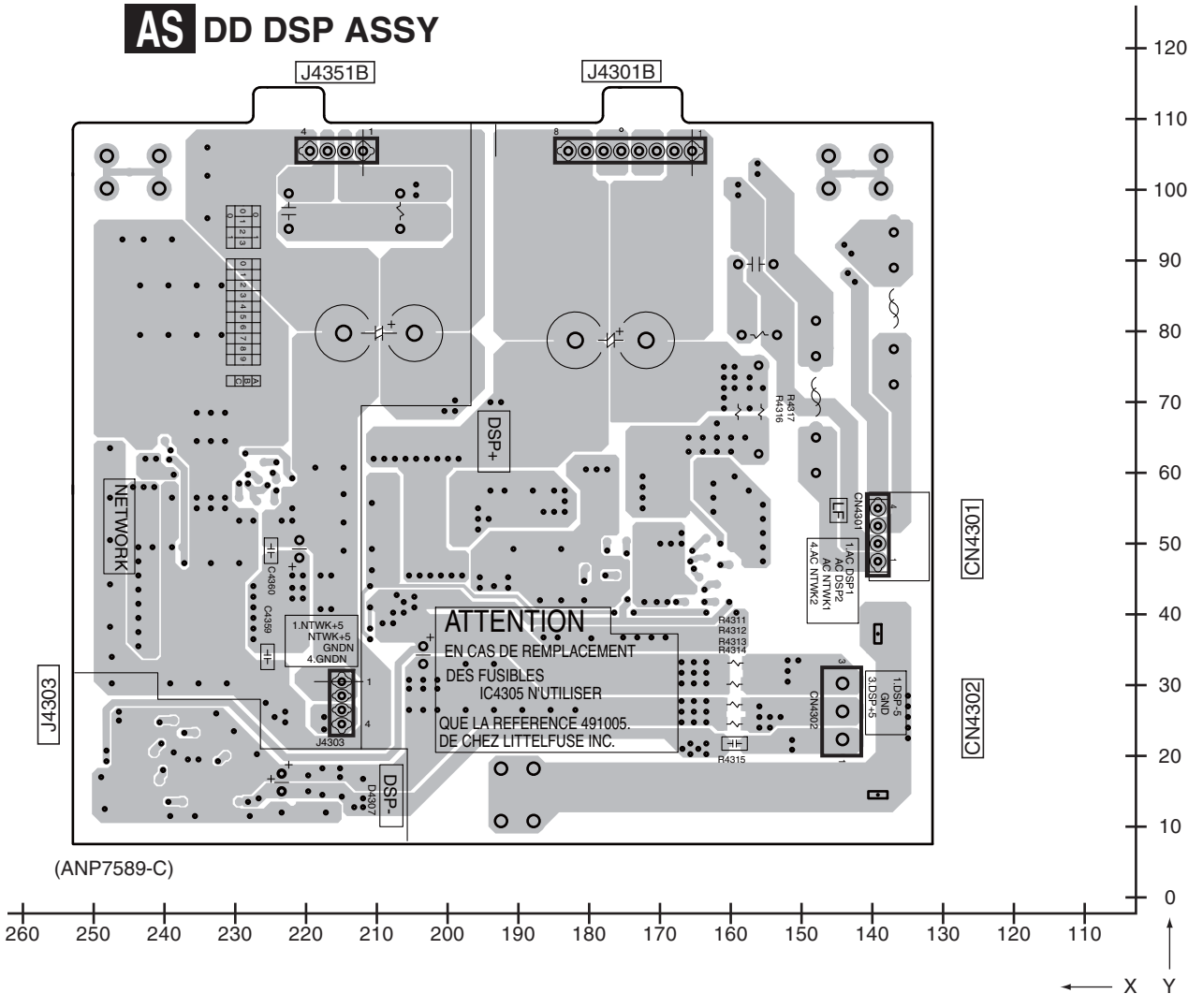
AU HN DIODE ASSY



AT DSP DIODE ASSY



AS DD DSP ASSY

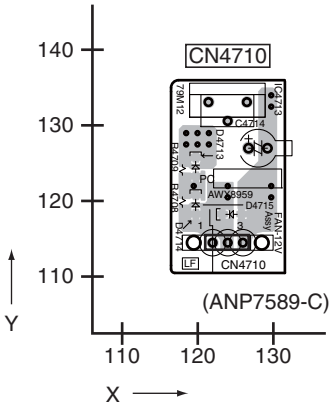


11.23 FAN-12V and DD DISP ASSYS

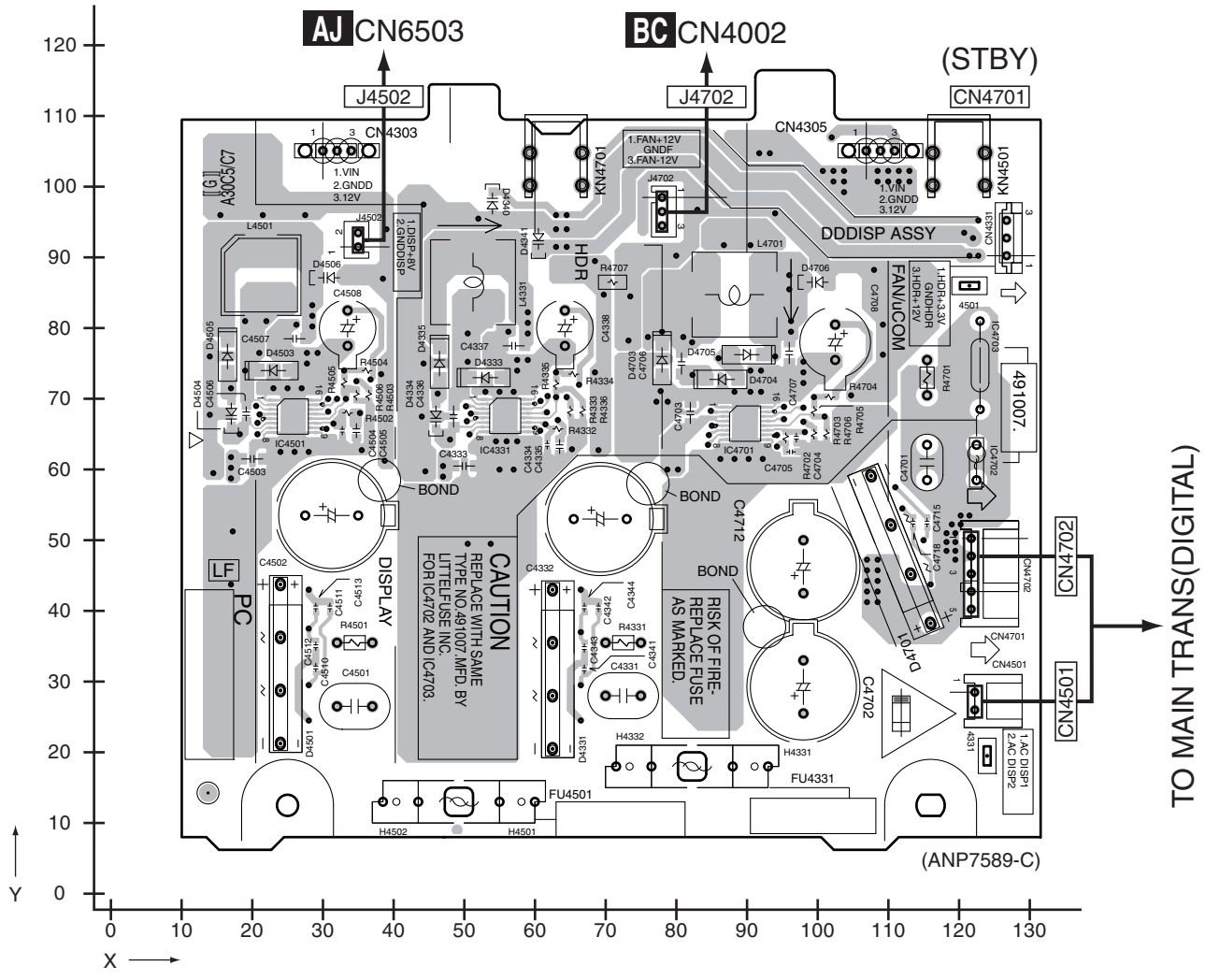
SIDE A

SIDE A

AV FAN-12V ASSY



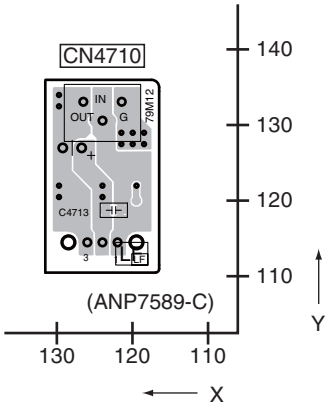
AW DD DISP ASSY



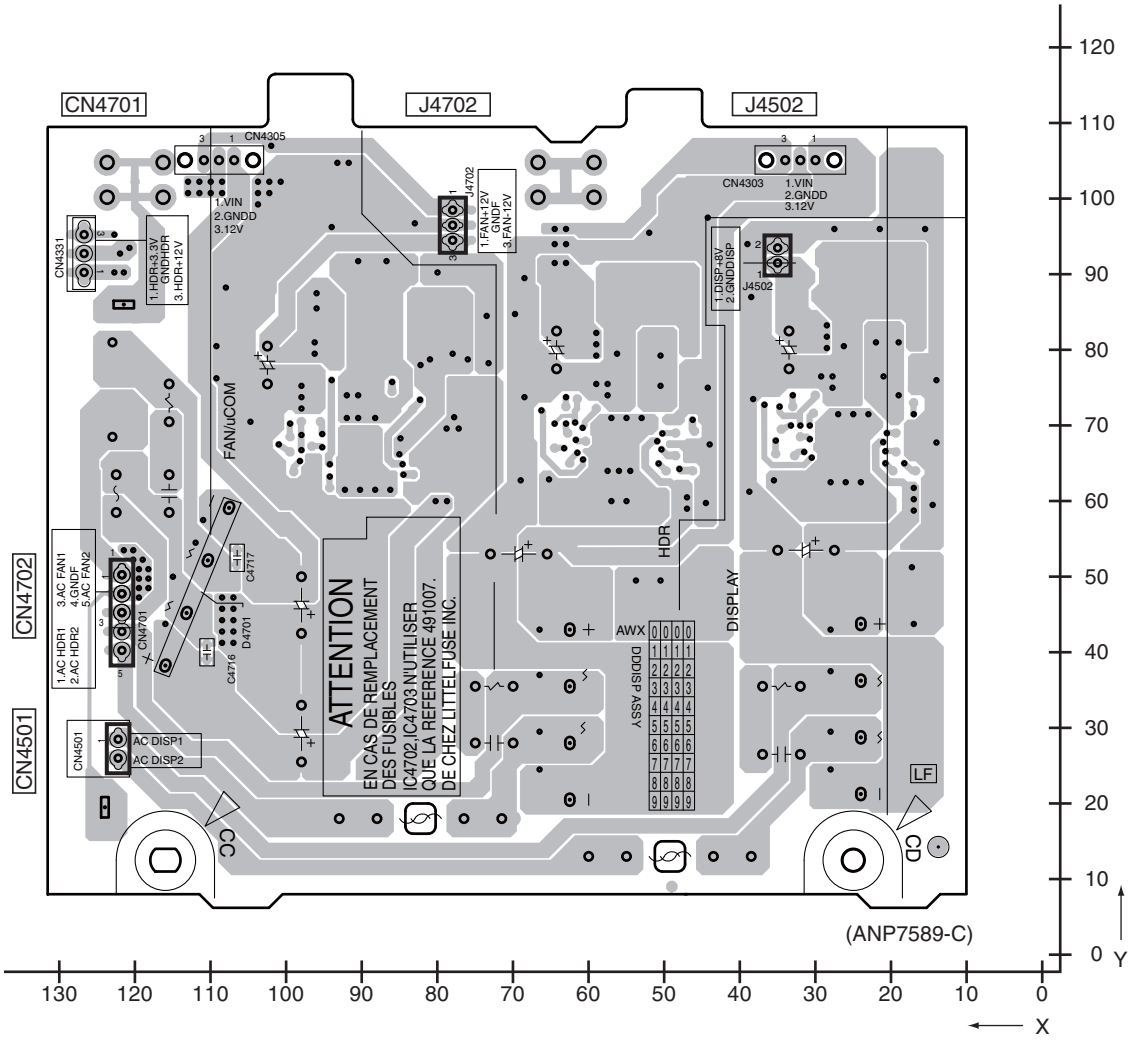
SIDE B

SIDE B

AV FAN-12V ASSY



AW DD DISP ASSY

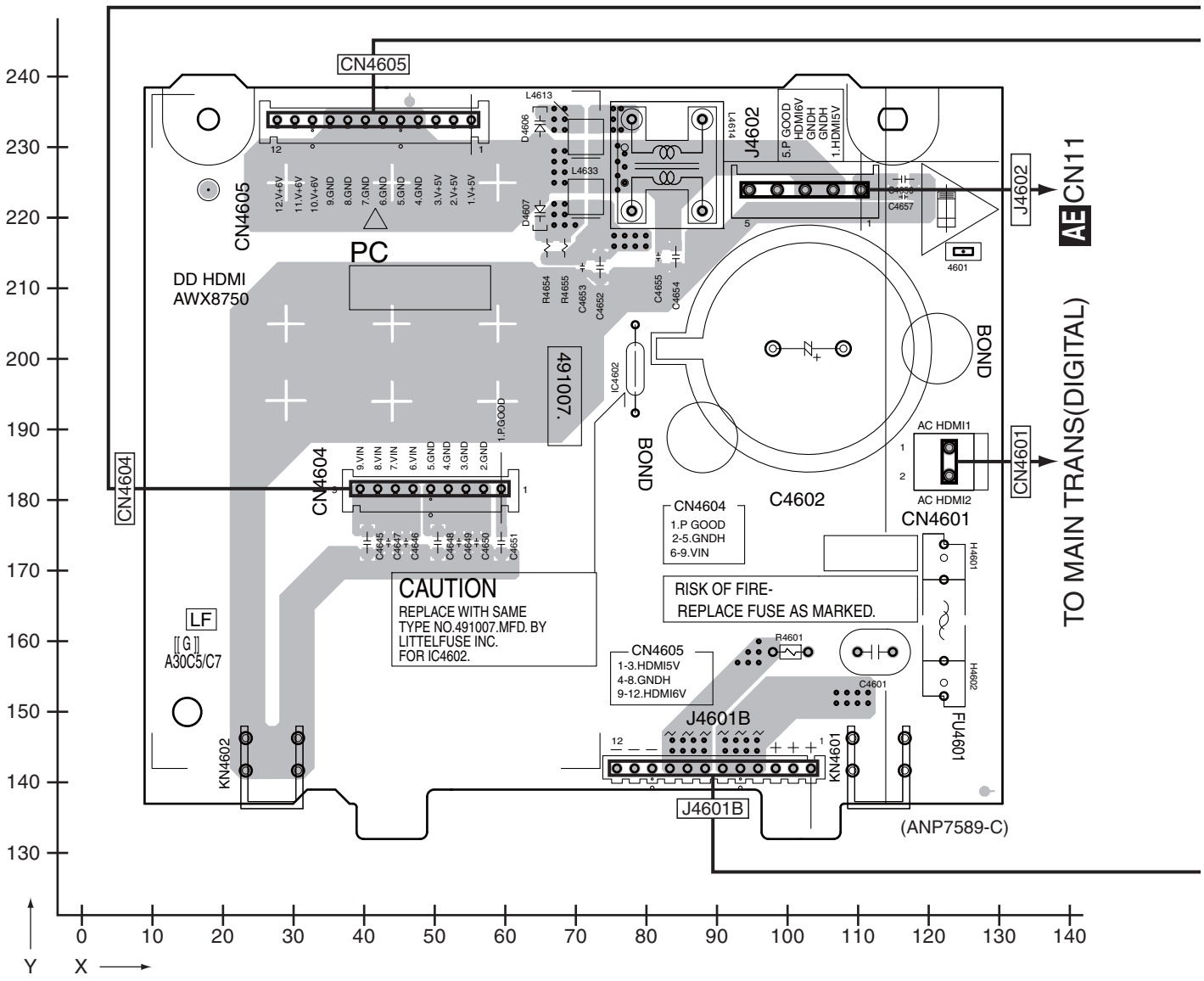


5 6 7 8

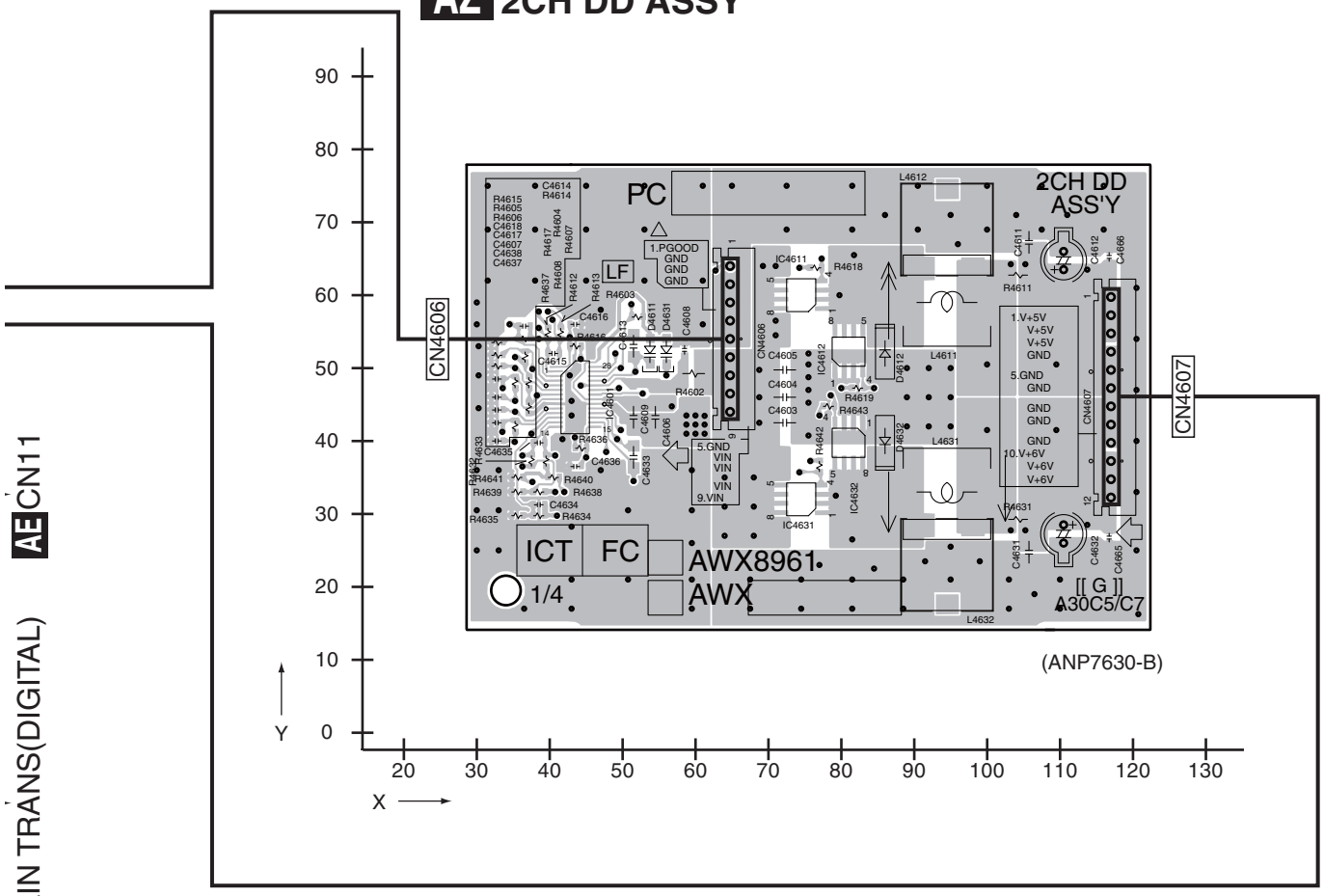
11.24 DD HDMI, HDMI DIODE and 2CH DD ASSYS

SIDE A

AX DD HDMI ASSY



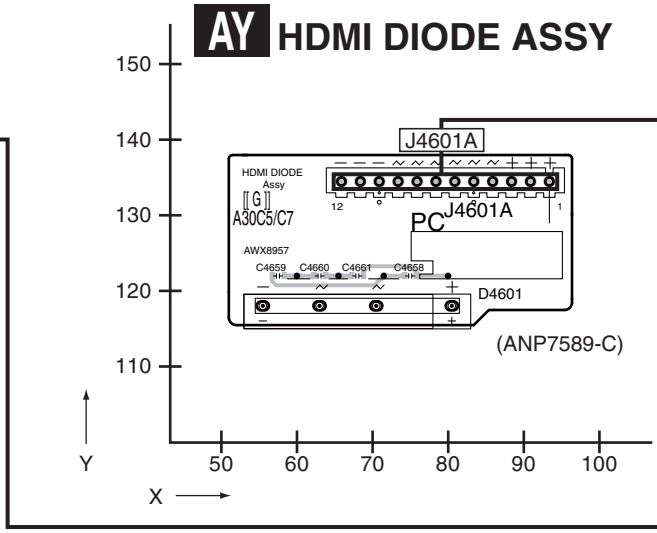
AZ 2CH DD ASSY



TO MAIN TRANS(DIGITAL) AE CN11

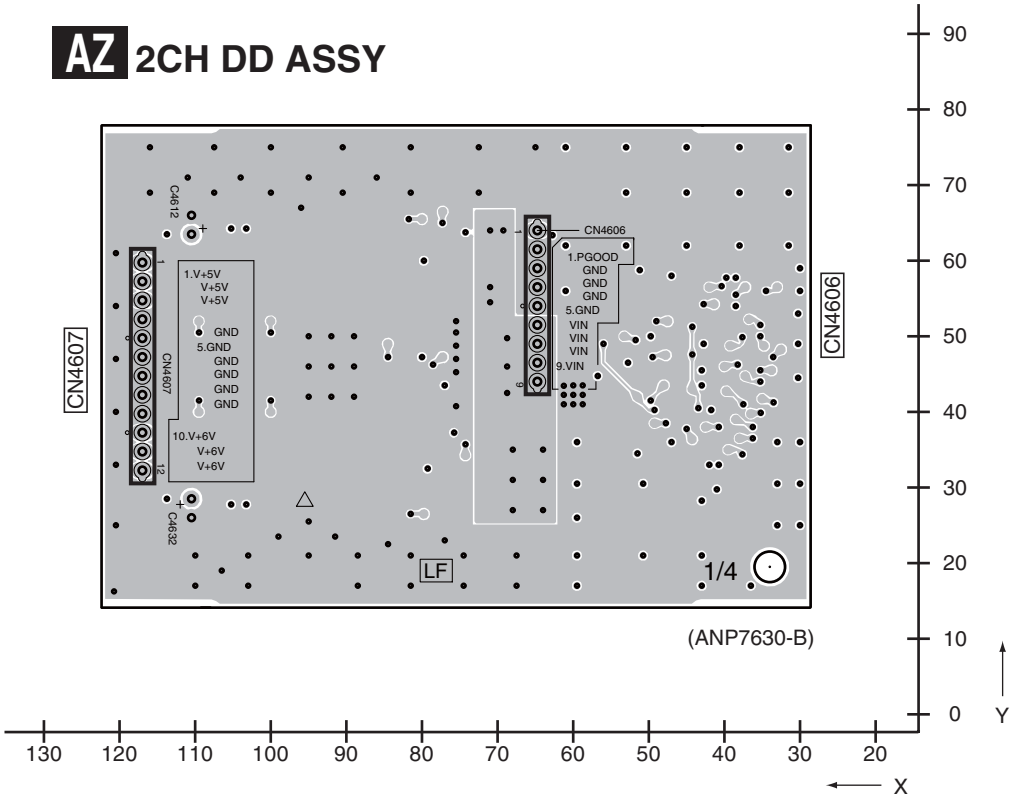
140

AY HDMI DIODE ASSY

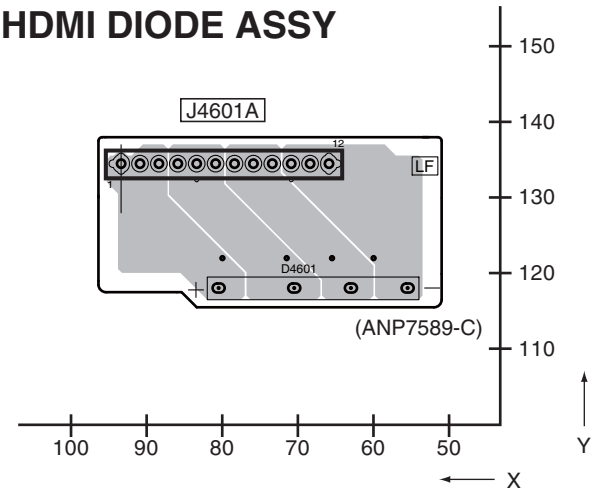


SIDE B

AZ 2CH DD ASSY



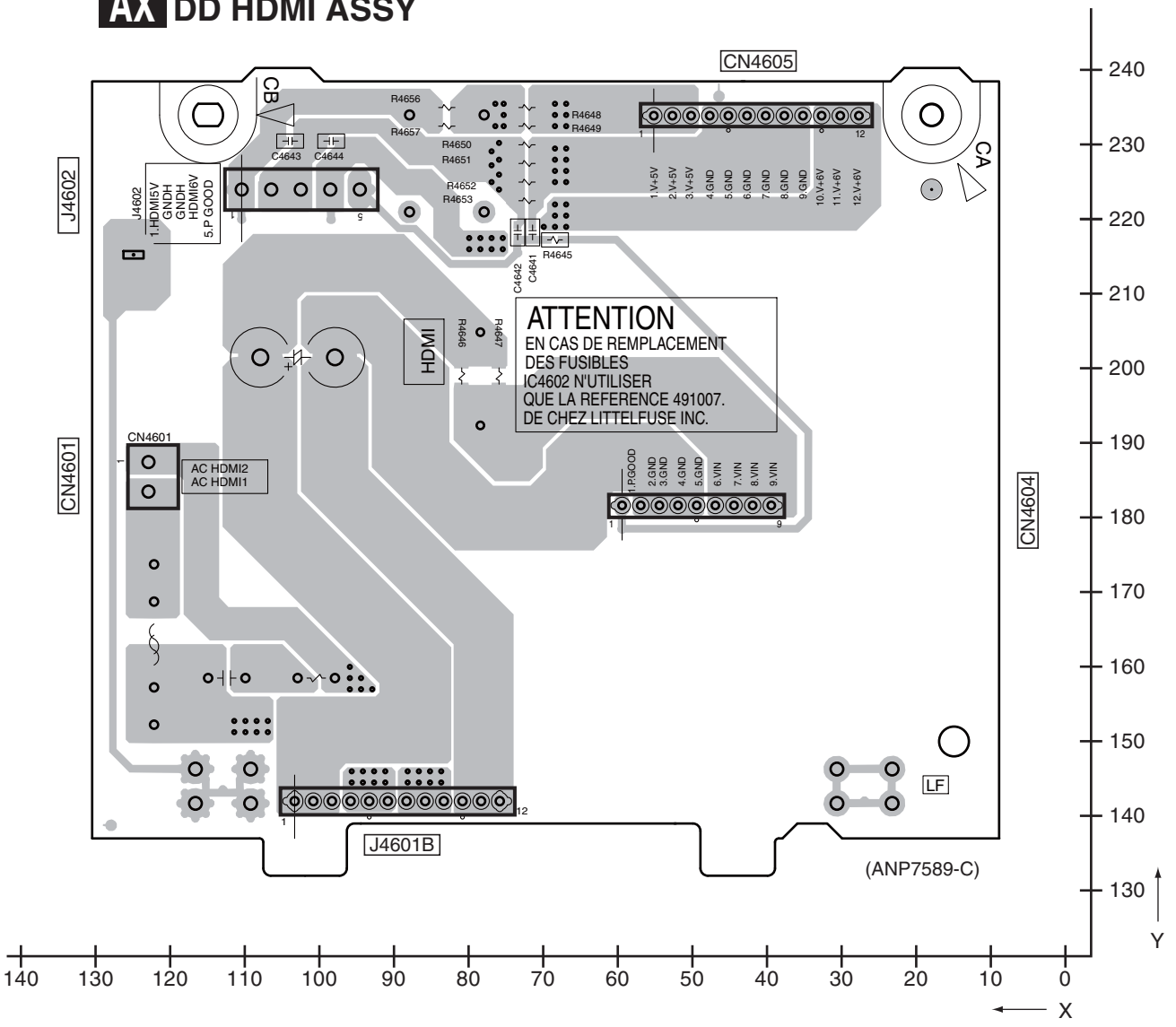
AY HDMI DIODE ASSY



140

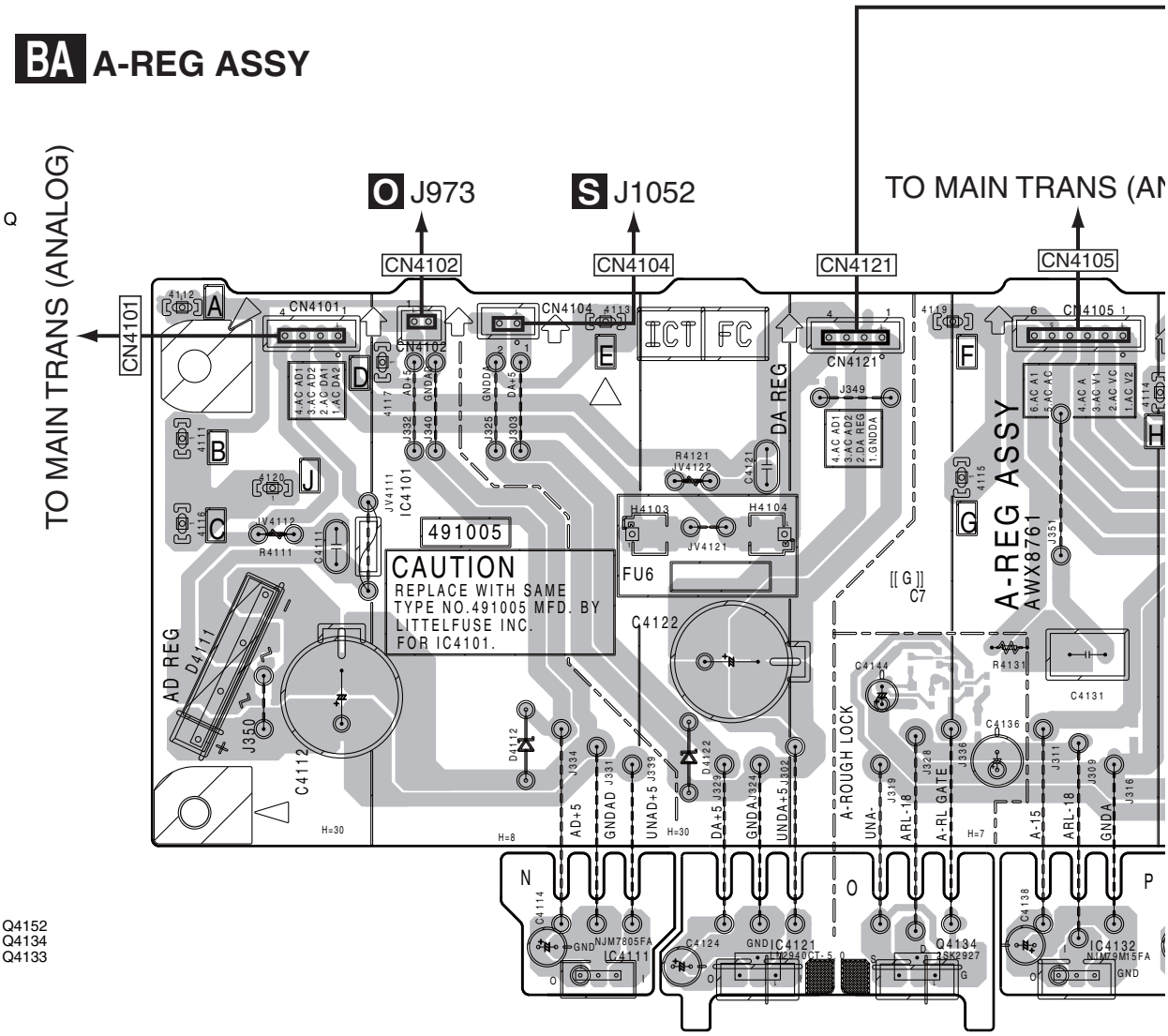
SIDE B

AX DD HDMI ASSY

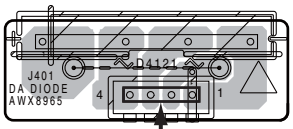


11.25 A-REG and DA DIODE ASSYS

SIDE A



BB DA DIODE ASSY



(ANP7590-B)

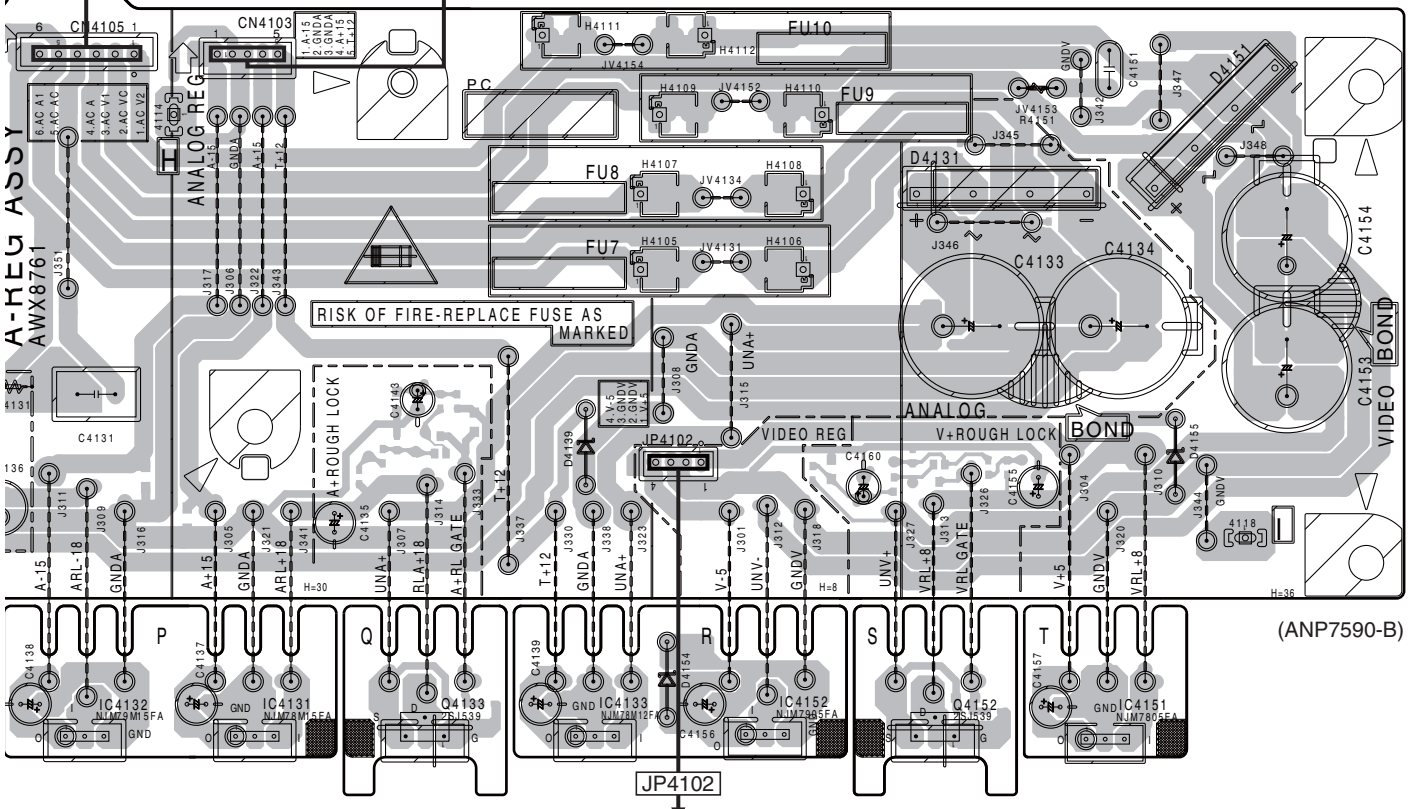
JP4121

J TRANS (ANALOG)

C J3411

CN4105

CN4103



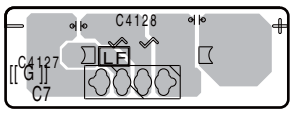
(ANP7590-B)

JP4102

X CN2005

SIDE B

BB DA DIODE ASSY



(ANP7590-B)

BA A-REG ASSY

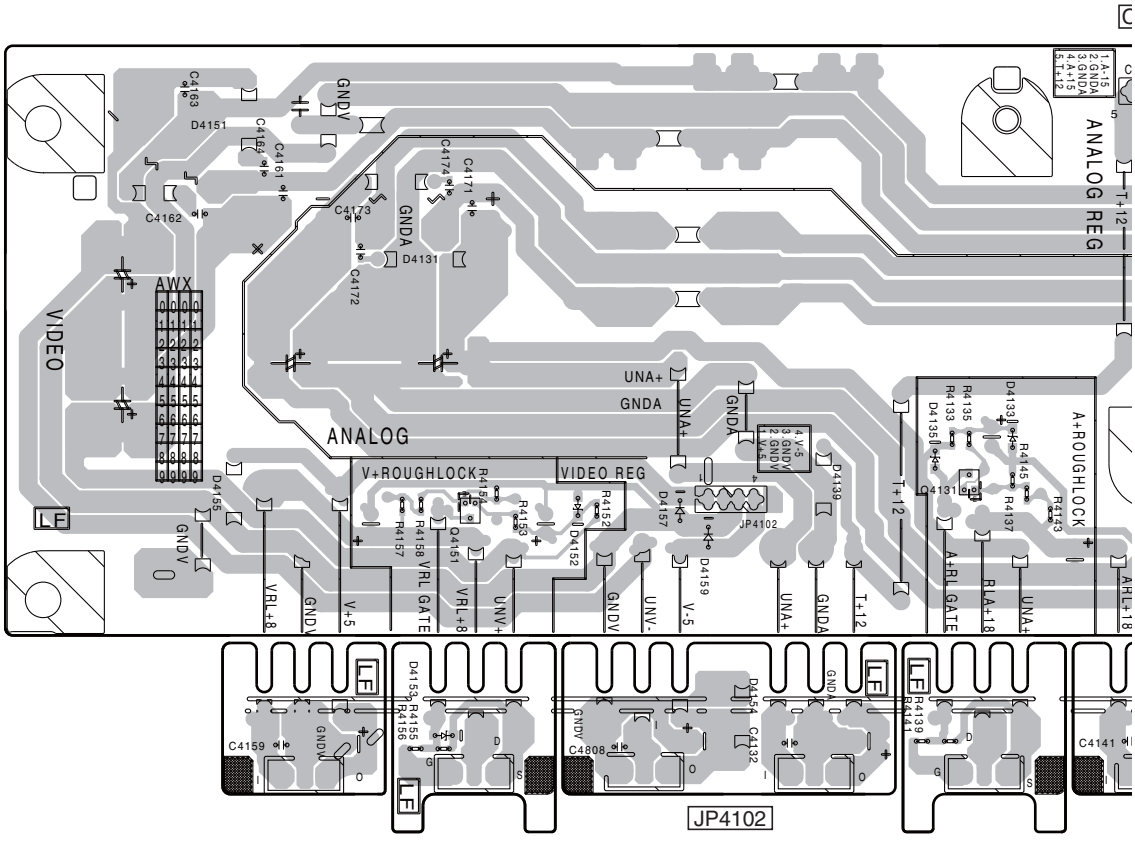
IC Q

IC4101

Q4132

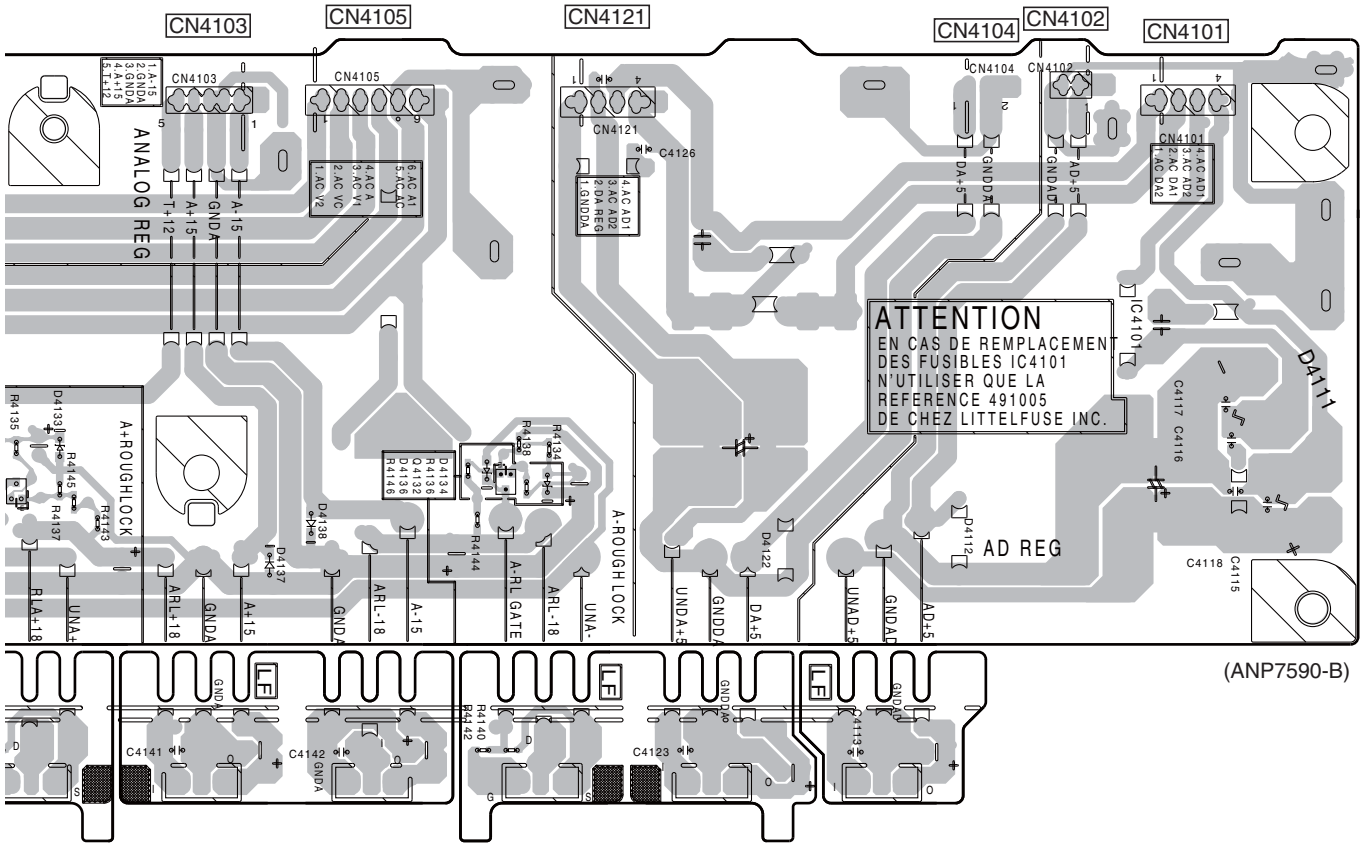
Q4131

Q4151

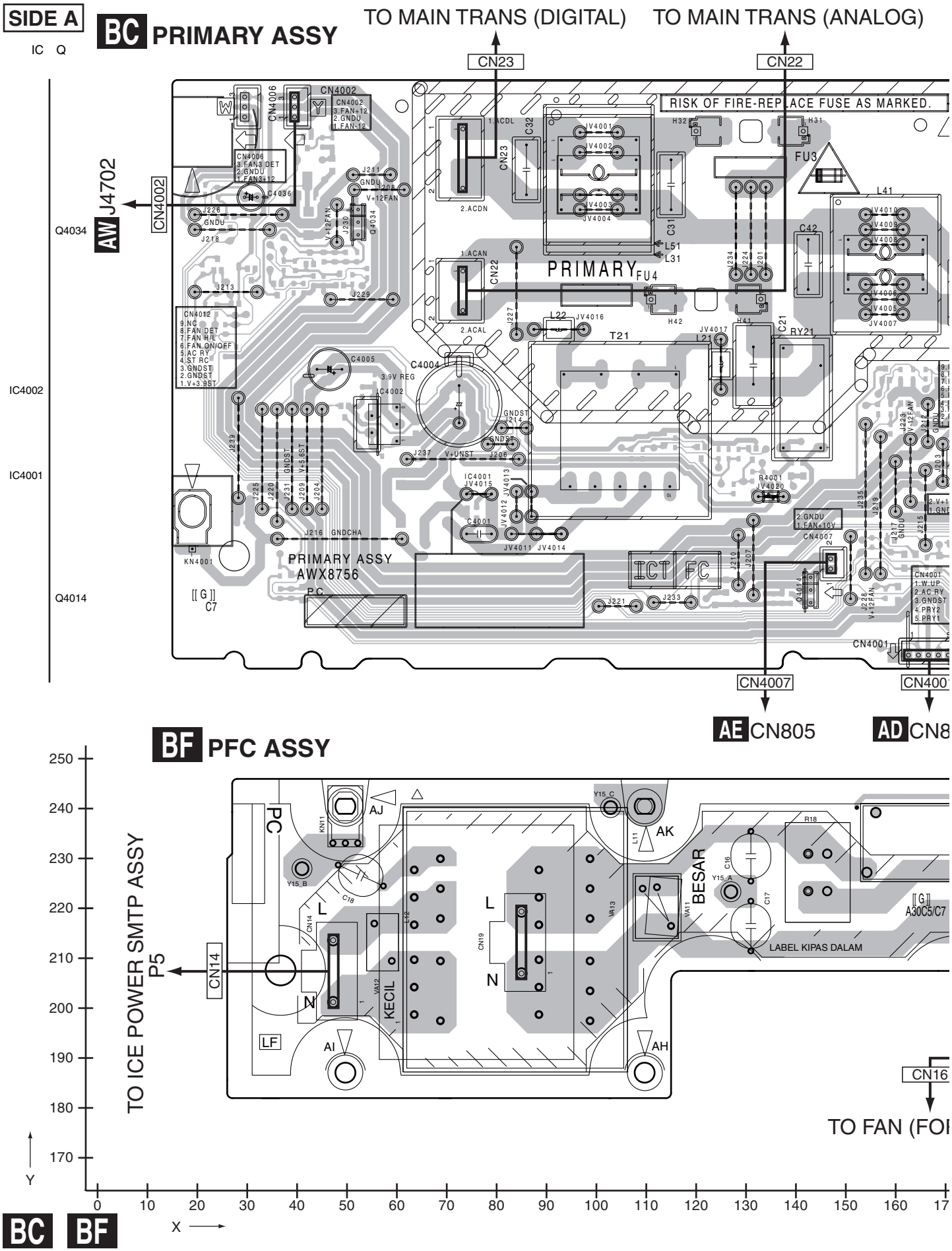


BA **BB**

SIDE B

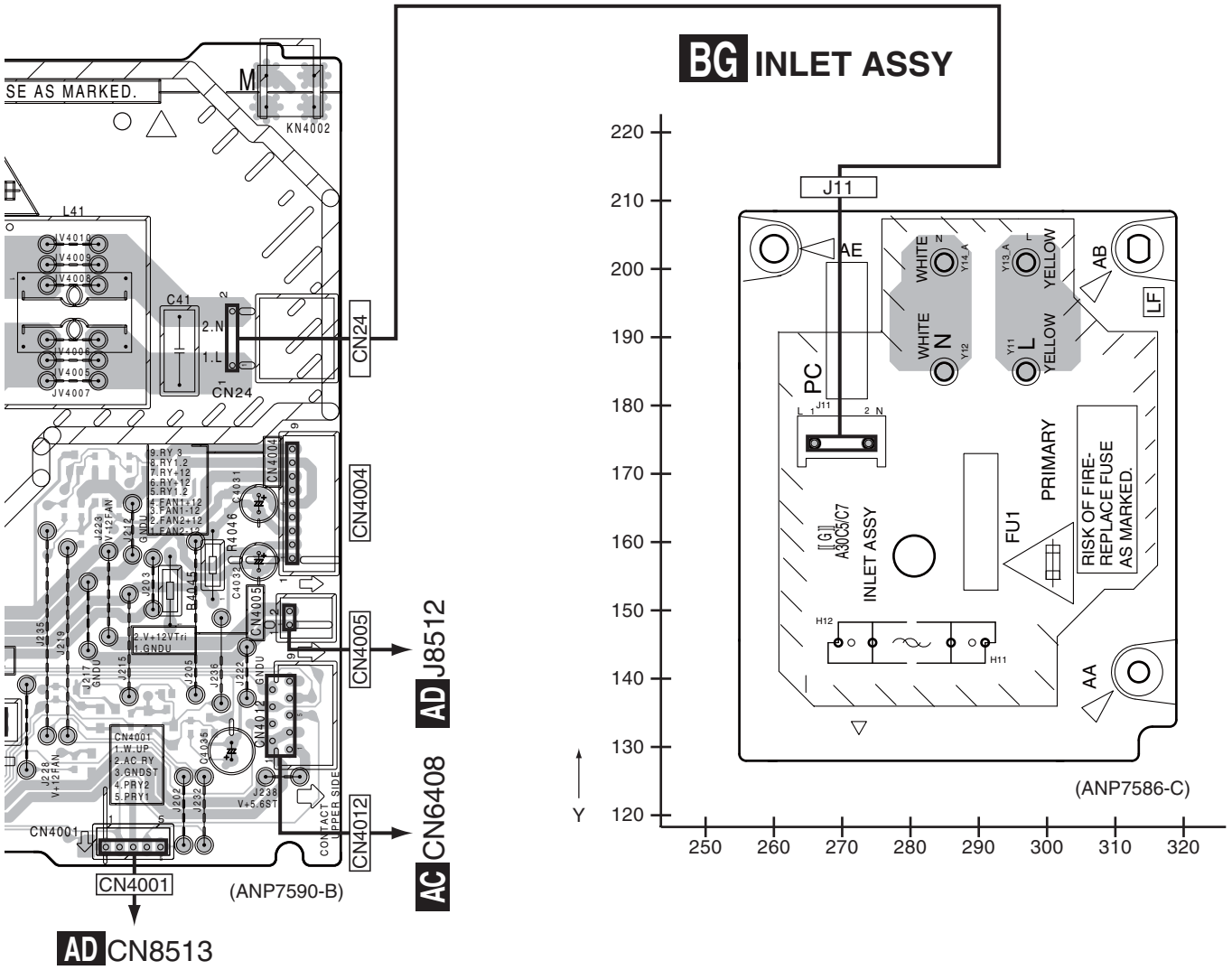

CN4103
CN4105
CN4121
CN4104
CN4102
CN4101
ANALOG REG
A+ROUGHLOCK
A-ROUGHLOCK
A-RL GATE
AD REG
ATTENTION
EN CAS DE REMPLACEMENT
DES FUSIBLES IC4101
N'UTILISER QUE LA
REFERENCE 491005
DE CHEZ LITTELFUSE INC.
IC4101
D4111
C4126
C4141
C4142
C4123
C4118
C4115
C4117
C4116
(ANP7590-B)

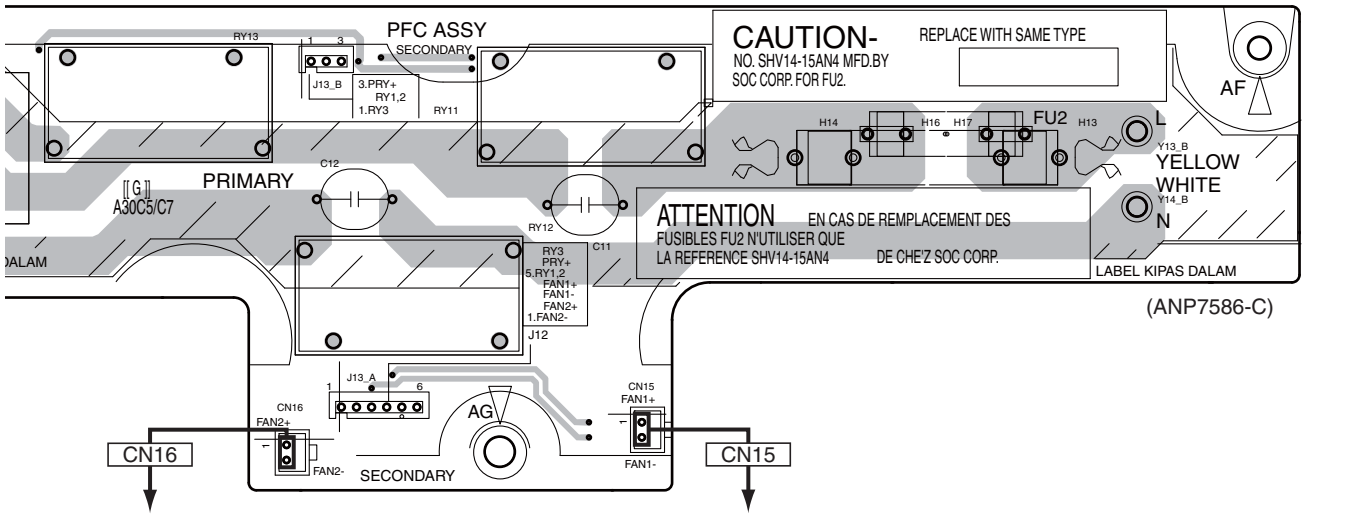
11.26 PRIMARY, PFC and INLET ASSYS



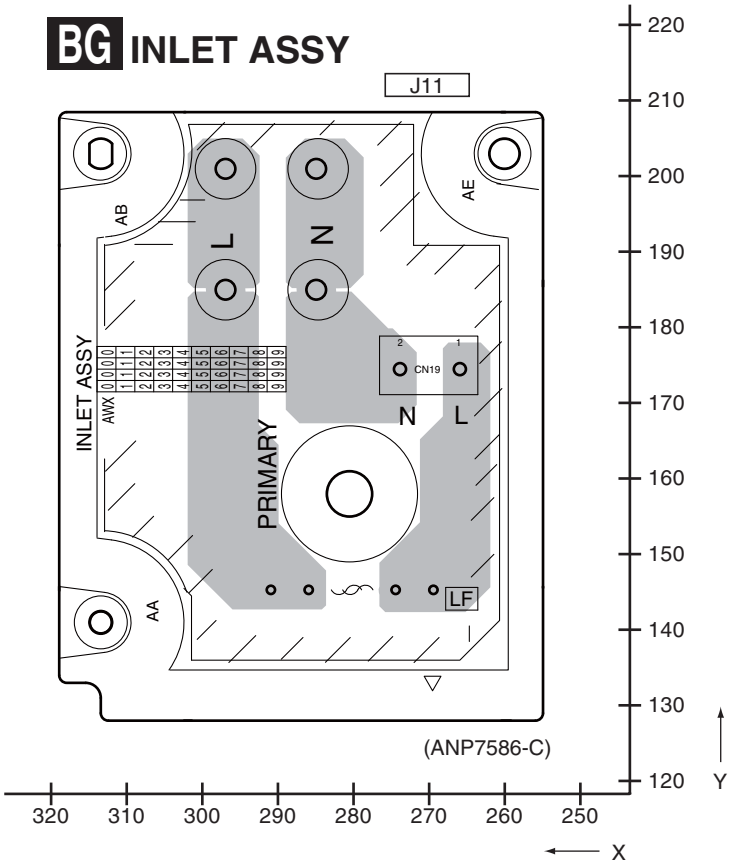
ANALOG)

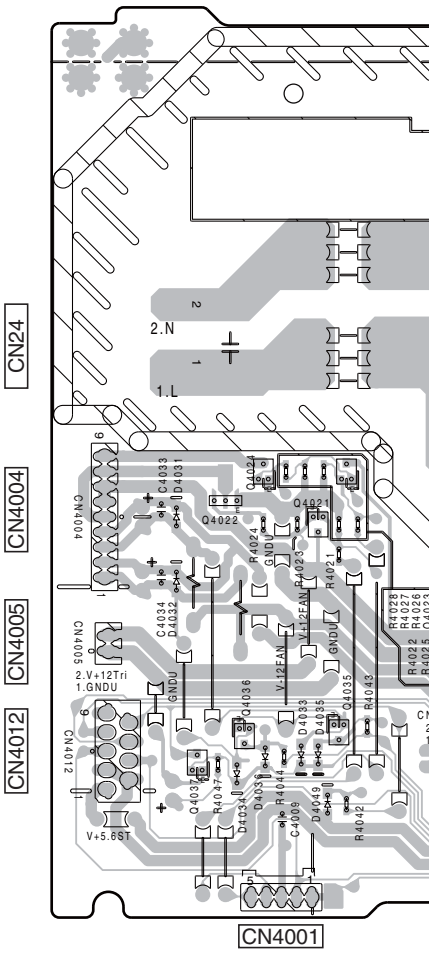
SIDE A



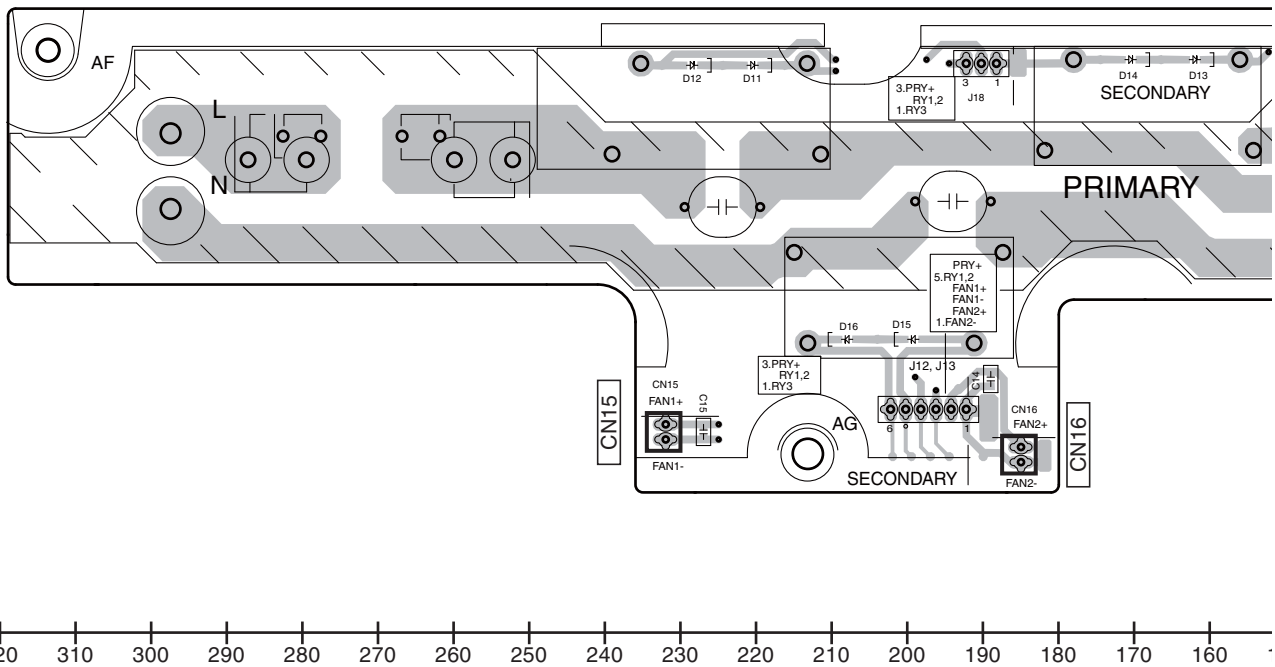


BG INLET ASSY

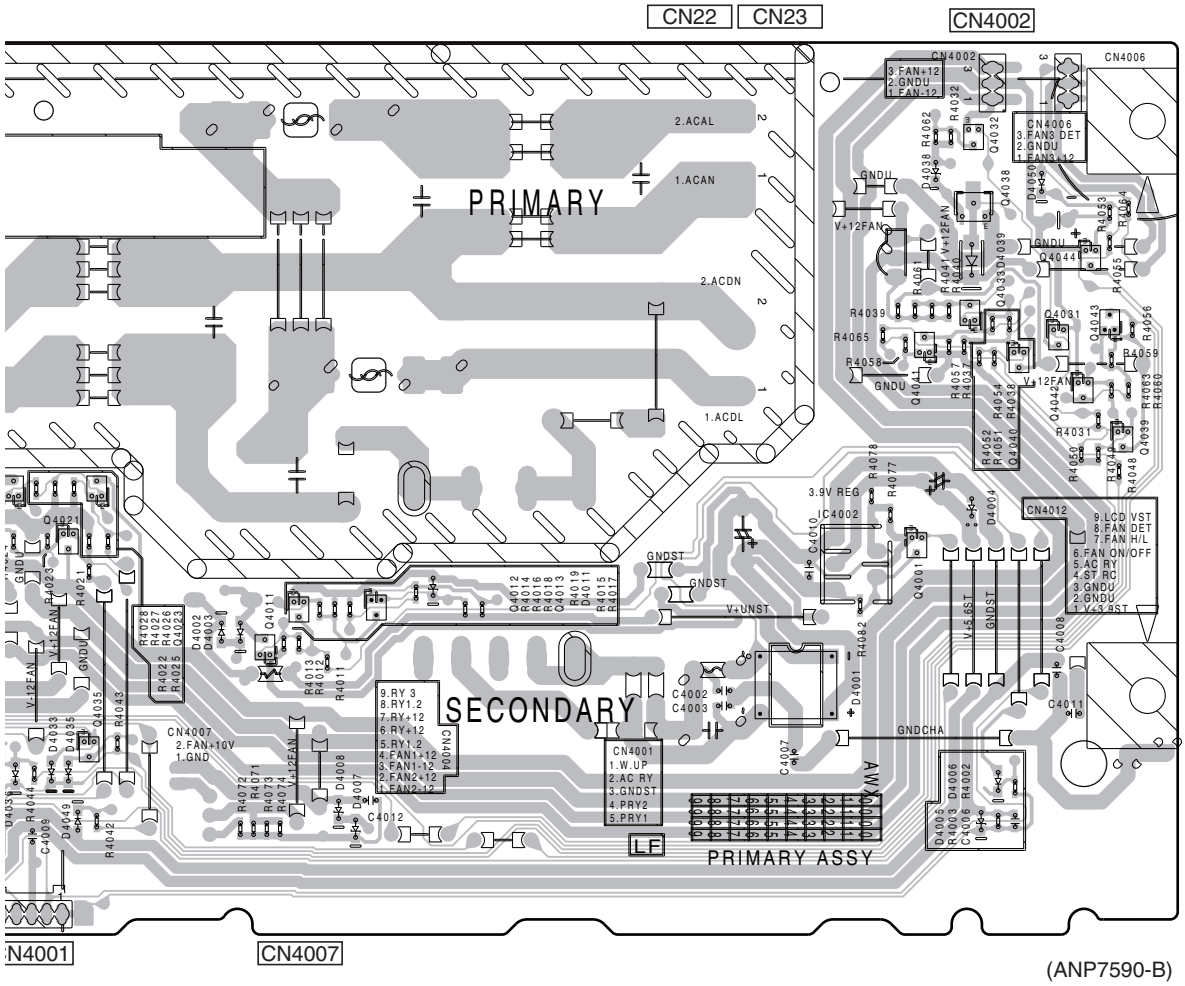




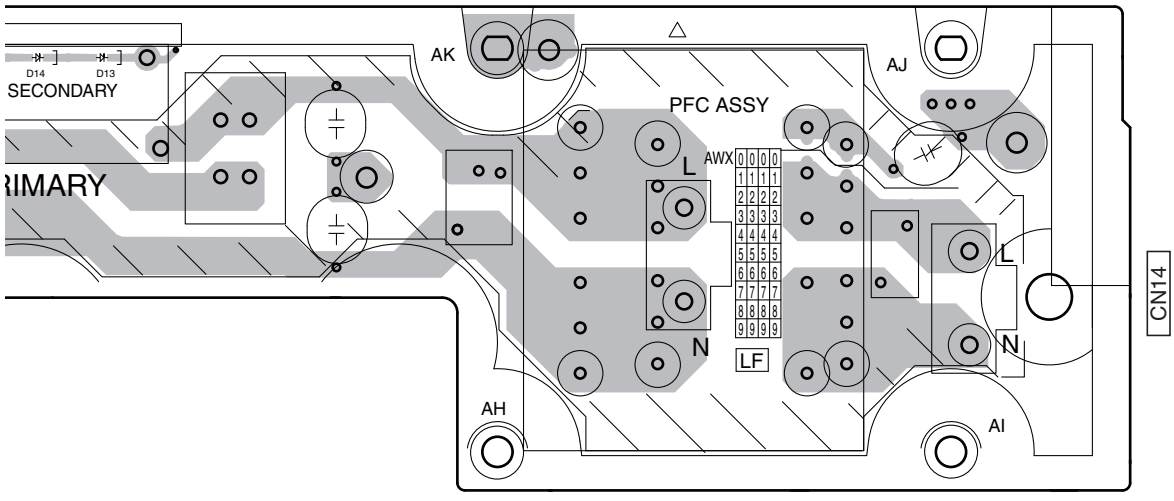
BF PFC ASSY



BC PRIMARY ASSY



(ANP7590-B)



(ANP7586-C)

IC Q

Q4032
Q4038
Q4044
Q4033
Q4031
Q4043
Q4041
Q4042
Q4039
Q4040
IC4002
Q4024
Q4021
Q4022
Q4001
Q4012 Q4013
Q4011
Q4023
Q4035
Q4036
Q4037

12. PCB PARTS LIST

NOTES: ● *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*

● *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*

● *When ordering resistors, first convert resistance values into code form as shown in the following examples.*

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J=5%, and K=10%).

560 Ω → 56 x 10^1 → 561 ····· RD1/4PU 5 6 1 J
47k Ω → 47 x 10^3 → 473 ····· RD1/4PU 4 7 3 J
0.5 Ω → R50 ····· RN2H R 5 0 K
1 Ω → 1R0 ····· RS1P 1 R 0 K

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62k Ω → 562 x 10^1 → 5621 ····· RN1/4PC 5 6 2 1 F

● *Meaning of the figures and others in the parentheses in the parts list.*

Example) IC 301 is on the point (face A, 91 of x-axis, and 111 of y-axis) of the corresponding PC board.

IC 301 (A, 91, 111) IC NJM2068V

LIST OF ASSEMBLIES

Mark	No.	Description	Part No.
	1	MAIN DIGITAL ASSY	AWK7949
	2	MAIN DIGITAL ASSY	AWX8721
	2	DAC ASSY	AWX8723
	1	VIDEO COMPLEX ASSY	AWK7951
	2	S-VIDEO ASSY	AWX8725
	2	COMPONENT ASSY	AWX8726
	2	TACT ASSY	AWX8730
	2	INLET ASSY	AWX8731
	2	VIDEO BRIDGE ASSY	AWX8743
	2	AUDIO BRIDGE 1 ASSY	AWX8764
	2	PFC ASSY	AWX8735
	1	VOLUME & PREOUT ASSY	AWK7956
	2	VOLUME ASSY	AWX8737
	2	PREOUT ASSY	AWX8738
	2	MULTI CH IN ASSY	AWX8739
	2	REC SEL ASSY	AWX8740
	2	POWER SW ASSY	AWX8755
	2	AUDIO BRIDGE 3 ASSY	AWX8767
	1	AUDIO INPUT ASSY	AWK7958
	2	V-AUDIO ASSY	AWX8744
	2	A-AUDIO ASSY	AWX8745
	2	IR 232C ASSY	AWX8746
	2	SUB DIGITAL ASSY	AWX8747
	1	COMPLEX 1 ASSY	AWK7959
	2	NEW ITEM ASSY	AWX8741
	2	DD DSP ASSY	AWX8748
	2	DD HDMI ASSY	AWX8750
	2	AUDIO BRIDGE 4 ASSY	AWX8766
	2	FRONT INPUT ASSY	AWX8774
	2	FRONT USB ASSY	AWX8781
	2	DD DISP ASSY	AWX8784
	2	ICE INPUT 4CH ASSY	AWX8946
	2	DSP DIODE ASSY	AWX8956
	2	HDMI DIODE ASSY	AWX8957
	2	HN DIODE ASSY	AWX8958
	2	FAN-12V ASSY	AWX8959
	1	COMPLEX 2 ASSY	AWK7960
	2	ICE REG ASSY	AWX8751
	2	FUNC ENCODER ASSY	AWX8753
	2	VOL ENCODER ASSY	AWX8754
	2	PRIMARY ASSY	AWX8756
	2	A-REG ASSY	AWX8761
	2	AUDIO BRIDGE 2 ASSY	AWX8765
	2	DA DIODE ASSY	AWX8965
	2	ICE 5 ASSY	AWX8968
	2	ICE 12 ASSY	AWX8969
	1	MOTHER 1 ASSY	AWK7965
	2	DIGI BRIDGE ASSY	AWX8752
	2	MOTHER 1 ASSY	AWX8770
	2	FRONT BUFF ASSY	AWX8775
	2	ICE INPUT 6CH ASSY	AWX8945
	1	MOTHER 2 ASSY	AWK7969
	2	MOTHER 2 ASSY	AWX8776
	2	DISPLAY ASSY	AWX8777
	2	COMPOSITE ASSY	AWX8778
	2	ICE INTERFACE ASSY	AWX8779
	2	ICEBLUE ASSY	AWX8780
	2	PERCH FFC ASSY	AWX8782
	2	PERCH DISP ASSY	AWX8783
	2	PERCH PS ASSY	AWX8785
	1	HDMI ASSY	AWQ7038
	1	HN MODULE ASSY	AWV2535
	1	USB ASSY	AWX8867
	1	DSP ASSY	AWX8868
	1	2CH DD ASSY	AWX8961
⚠	1	ICEPOWER AMP ASSY	AWH7010
⚠	1	ICEPOWER SMPS ASSY	AWR7048
	1	5.1 TFT MODULE	AWV7006
	1	FM/AM TUNER UNIT	AXX7250

Mark	No.	Description	Part No.

A A-AUDIO ASSY

MISCELLANEOUS

IC	3001 (A,270,208)	IC	NJM2068MD
IC	3051 (A,257,175)	ANALOG SWITCH IC	TC9273CFG-004
IC	3052 (A,197,202)	ANALOG SWITCH IC	TC9273CFG-004
IC	3053 (A,222,201)	ANALOG SWITCH IC	TC9273CFG-004
IC	3851 (A,194,175)	OP-AMP IC	UPC4570G2-A
JA	3001 (A,313,154)	JACK	VKB1133
JA	3002 (A,313,182)	JACK	VKB1133
JA	3003 (A,313,210)	JACK	VKB1133
KN	3001 (A,308,235)	SCREW PLATE	VNE1948
CN	3004 (A,288,236)	CONNECTOR	CKS1753
CN	3005 (A,250,232)	17P SOCKET	XKP3079
CN	3006 (A,167,228)	19P SOCKET	XKP3080
CN	3007 (A,259,145)	CONNECTOR	CKS1753
CN	3009 (A,209,145)	PLUG	CKS1764
CN	3010 (A,163,179)	PLUG	CKS1764
CN	3011 (A,290,141)	2P CONNECTOR	B02B-XASK-1

RESISTORS

R	3003 (B,292,164)		RS1/16S105J
R	3004 (B,292,158)		RS1/16S105J
R	3005 (B,292,176)		RS1/16S105J
R	3006 (B,292,169)		RS1/16S105J
R	3007 (B,292,187)		RS1/16S105J
R	3008 (B,292,182)		RS1/16S105J
R	3009 (B,292,198)		RS1/16S105J
R	3010 (B,292,193)		RS1/16S105J
R	3011 (B,285,213)		RS1/16S104J
R	3012 (B,285,206)		RS1/16S104J
R	3013 (B,290,153)		RS1/16S222J
R	3014 (B,290,147)		RS1/16S222J
R	3015 (B,290,164)		RS1/16S331J
R	3016 (B,290,158)		RS1/16S331J
R	3017 (B,289,177)		RS1/16S331J
R	3018 (B,289,169)		RS1/16S331J
R	3019 (B,290,187)		RS1/16S331J
R	3020 (B,290,182)		RS1/16S331J
R	3021 (B,290,198)		RS1/16S331J
R	3022 (B,290,193)		RS1/16S331J
R	3023 (B,282,212)		RS1/16S561J
R	3024 (B,282,207)		RS1/16S561J
R	3025 (B,275,211)		RS1/16S104J
R	3026 (B,275,205)		RS1/16S104J
R	3027 (A,270,214)		RS1/16S561J
R	3028 (A,269,203)		RS1/16S561J
R	3029 (A,272,216)		RS1/16S394J
R	3030 (A,273,200)		RS1/16S394J
R	3031 (A,270,216)		RS1/16S303J
R	3032 (A,271,200)		RS1/16S303J
R	3033 (A,262,215)		RS1/16S471J
R	3034 (A,267,200)		RS1/16S471J
R	3035 (B,254,210)		RS1/16S224J
R	3036 (B,254,204)		RS1/16S224J
R	3051 (A,249,164)		RS1/16S221J
R	3052 (A,247,164)		RS1/16S221J
R	3053 (A,248,184)		RS1/16S221J
R	3054 (A,184,201)		RS1/16S221J
R	3055 (A,185,194)		RS1/16S221J
R	3056 (A,187,212)		RS1/16S221J
R	3057 (A,211,204)		RS1/16S221J
R	3058 (A,211,193)		RS1/16S221J
R	3059 (A,211,211)		RS1/16S221J
R	3851 (A,199,183)		RS1/16S221J
R	3852 (A,198,166)		RS1/16S221J
R	3853 (A,197,180)		RS1/16S104J
R	3854 (A,196,169)		RS1/16S104J
R	3855 (B,179,172)		RS1/16S474J
R	3856 (B,179,177)		RS1/16S474J
R	3857 (A,192,182)		RS1/16S0R0J
R	3858 (A,191,168)		RS1/16S0R0J
R	3859 (B,216,180)		RS1/16S104J
R	3860 (B,218,175)		RS1/16S104J
R	3887 (A,194,181)		RS1/16S0R0J
R	3888 (A,193,168)		RS1/16S0R0J

CAPACITORS

C	3001 (A,293,213)		CEAT221M25
C	3002 (A,293,224)		CEAT221M25
C	3003 (B,304,149)		CCSRCH221J50
C	3004 (B,304,145)		CCSRCH221J50
C	3005 (B,304,163)		CCSRCH221J50
C	3006 (B,304,159)		CCSRCH221J50
C	3007 (B,304,177)		CCSRCH221J50
C	3008 (B,304,173)		CCSRCH221J50
C	3009 (B,304,191)		CCSRCH221J50
C	3010 (B,304,187)		CCSRCH221J50
C	3011 (B,304,205)		CCSRCH221J50
C	3012 (B,304,201)		CCSRCH221J50
C	3013 (B,304,219)		CCSRCH221J50
C	3014 (B,304,215)		CCSRCH221J50
C	3015 (A,278,215)		CEAT100M50
C	3016 (A,278,204)		CEAT100M50
C	3017 (B,273,211)		CCSRCH331J50
C	3018 (B,273,205)		CCSRCH331J50
C	3019 (A,264,212)	ELECT. CAPACITOR	CEAT470M25
C	3020 (A,264,202)	ELECT. CAPACITOR	CEAT470M25
C	3021 (A,273,214)		CCSRCH561J50
C	3022 (A,272,203)		CCSRCH561J50
C	3023 (A,273,216)		CKSRYB822K50
C	3024 (A,274,200)		CKSRYB822K50
C	3025 (A,269,216)		CKSRYB122K50
C	3026 (A,270,200)		CKSRYB122K50
C	3027 (A,267,216)		CKSRYB122K50
C	3028 (A,268,200)		CKSRYB122K50
C	3029 (A,257,210)		CEAT100M50
C	3030 (A,257,204)		CEAT100M50
C	3031 (A,274,211)		CKSRYB103K50
C	3032 (A,274,206)		CKSRYB103K50
C	3051 (A,268,172)		CKSRYB103K50
C	3052 (A,268,177)		CKSRYB103K50
C	3053 (A,207,199)		CKSRYB103K50
C	3054 (A,207,207)		CKSRYB103K50
C	3055 (A,233,198)		CKSRYB103K50
C	3056 (A,232,205)		CKSRYB103K50
C	3057 (A,246,166)		CCSRCH101J50
C	3058 (A,211,201)		CCSRCH101J50

Mark	No.	Description	Part No.
C	3059 (A,186,201)		CCSRCH101J50
C	3851 (A,205,181)		CEAT4R7M50
C	3852 (A,206,168)		CEAT4R7M50
C	3855 (A,190,177)		CKSRYB103K50
C	3856 (A,190,172)		CKSRYB103K50
C	3857 (A,186,181)	ELECT. CAPACITOR	CEAT470M25
C	3858 (A,185,168)	ELECT. CAPACITOR	CEAT470M25

B V-AUDIO ASSY

MISCELLANEOUS

IC	3151 (A,231,59)	ANALOG SWITCH IC	TC9273CFG-004
IC	3152 (A,290,59)	ANALOG SWITCH IC	TC9273CFG-004
IC	3153 (A,262,59)	ANALOG SWITCH IC	TC9273CFG-004
JA	3101 (A,178,116)	6P PIN JACK	AKB7193
JA	3102 (A,178,81)	PIN JACK(4P)	AKB7186
JA	3103 (A,178,53)	PIN JACK(4P)	AKB7186
JA	3104 (A,178,25)	PIN JACK(4P)	AKB7186
CN	3105 (A,198,14)	PLUG	CKS1758
CN	3106 (A,224,17)	13P SOCKET	XKP3077
CN	3108 (A,319,73)	PLUG(15P)	KM200NA15
CN	3109 (A,256,104)	PLUG	CKS1761
CN	3110 (A,306,104)	PLUG	CKS1759

RESISTORS

R	3103 (B,198,95)		RS1/16S105J
R	3104 (B,198,99)		RS1/16S105J
R	3107 (B,198,77)		RS1/16S105J
R	3108 (B,198,82)		RS1/16S105J
R	3109 (B,198,68)		RS1/16S105J
R	3110 (B,198,73)		RS1/16S105J
R	3111 (B,198,56)		RS1/16S105J
R	3112 (B,198,64)		RS1/16S105J
R	3113 (B,198,45)		RS1/16S105J
R	3114 (B,198,51)		RS1/16S105J
R	3115 (B,198,34)		RS1/16S105J
R	3116 (B,198,40)		RS1/16S105J
R	3117 (B,197,25)		RS1/16S105J
R	3118 (B,197,29)		RS1/16S105J
R	3119 (B,202,103)		RS1/16S222J
R	3120 (A,201,109)		RS1/16S222J
R	3121 (B,200,95)		RS1/16S331J
R	3122 (B,201,99)		RS1/16S331J
R	3123 (B,200,86)		RS1/16S222J
R	3124 (B,200,91)		RS1/16S222J
R	3125 (B,200,77)		RS1/16S331J
R	3126 (B,200,82)		RS1/16S331J
R	3127 (B,200,68)		RS1/16S331J
R	3128 (B,200,73)		RS1/16S331J
R	3129 (B,200,56)		RS1/16S331J
R	3130 (B,200,64)		RS1/16S331J
R	3131 (B,200,45)		RS1/16S331J
R	3132 (B,200,51)		RS1/16S331J
R	3133 (B,200,34)		RS1/16S331J
R	3134 (B,200,40)		RS1/16S331J
R	3135 (B,200,25)		RS1/16S331J
R	3136 (B,200,29)		RS1/16S331J
R	3151 (A,244,67)		RS1/16S221J
R	3152 (A,244,65)		RS1/16S221J
R	3153 (A,243,50)		RS1/16S221J
R	3154 (A,305,62)		RS1/16S221J
R	3155 (A,303,62)		RS1/16S221J
R	3156 (A,300,51)		RS1/16S221J
R	3157 (A,273,68)		RS1/16S221J
R	3158 (A,273,66)		RS1/16S221J
R	3159 (A,273,51)		RS1/16S221J

CAPACITORS

C	3101 (B,187,129)		CCSRCH221J50
C	3102 (B,187,133)		CCSRCH221J50
C	3103 (B,187,114)		CCSRCH221J50
C	3104 (B,187,118)		CCSRCH221J50
C	3105 (B,187,100)		CCSRCH221J50
C	3106 (B,187,104)		CCSRCH221J50
C	3107 (B,187,86)		CCSRCH221J50
C	3108 (B,187,90)		CCSRCH221J50
C	3109 (B,187,72)		CCSRCH221J50
C	3110 (B,187,76)		CCSRCH221J50
C	3111 (B,187,58)		CCSRCH221J50
C	3112 (B,187,62)		CCSRCH221J50
C	3113 (B,187,44)		CCSRCH221J50
C	3114 (B,187,48)		CCSRCH221J50
C	3115 (B,187,30)		CCSRCH221J50
C	3116 (B,187,34)		CCSRCH221J50
C	3117 (B,187,16)		CCSRCH221J50
C	3118 (B,187,20)		CCSRCH221J50
C	3141 (B,186,109)		CKSRYB103K50
C	3143 (B,186,81)		CKSRYB103K50
C	3145 (B,186,53)		CKSRYB103K50
C	3147 (B,186,25)		CKSRYB103K50
C	3151 (A,220,61)		CKSRYB103K50
C	3152 (A,220,55)		CKSRYB103K50
C	3153 (A,250,61)		CKSRYB103K50
C	3154 (A,250,56)		CKSRYB103K50
C	3155 (A,278,61)		CKSRYB103K50
C	3156 (A,278,56)		CKSRYB103K50
C	3157 (A,244,64)		CCSRCH101J50
C	3158 (A,301,62)		CCSRCH101J50
C	3159 (A,273,65)		CCSRCH101J50

C AUDIO BRIDGE 1 ASSY

MISCELLANEOUS

J	3411 (A,48,40)	5P HOUSHING ASSY	ADX7626
CN	3411 (A,45,18)	19P PLUG	XKP3069
CN	3412 (A,38,111)	13P PLUG	XKP3066

D AUDIO BRIDGE 2 ASSY

MISCELLANEOUS

CN	3421,3422	CONNECTOR	CKS1730

Mark	No.	Description	Part No.

E AUDIO BRIDGE 3 ASSY

MISCELLANEOUS

CN	3441 (A,282,43)	CONNECTOR	CKS1727
CN	3442 (A,234,20)	CONNECTOR	CKS1727
CN	3443 (A,312,43)	CONNECTOR	CKS1727
CN	3444 (A,264,20)	CONNECTOR	CKS1727

F AUDIO BRIDGE 4 ASSY

MISCELLANEOUS

CN	3431 (A,201,192)	CONNECTOR	CKS1727
CN	3432 (A,198,221)	CONNECTOR	CKS1727
CN	3433 (A,171,221)	CONNECTOR	CKS1727
CN	3434 (A,171,192)	CONNECTOR	CKS1727

G REC SEL ASSY

MISCELLANEOUS

IC	3861 (A,189,138)	OP-AMP IC	BA4560RF
IC	3871 (A,193,185)	OP-AMP IC	BA4560RF
IC	3881 (A,190,161)	E-SW IC	TC9162CFG
CN	3851 (A,175,216)	CONNECTOR	CKS1719
CN	3852 (A,175,166)	CONNECTOR	CKS1730
CN	3854 (A,208,192)	CONNECTOR	CKS1727
CN	3855 (A,208,142)	PLUG	CKS1725

RESISTORS

R	3861 (A,181,141)		RS1/16S221J
R	3862 (A,197,140)		RS1/16S221J
R	3863 (A,183,141)		RS1/16S474J
R	3864 (A,196,140)		RS1/16S474J
R	3867 (A,184,135)		RS1/16S0R0J
R	3868 (A,194,134)		RS1/16S0R0J
R	3869 (A,182,143)		RS1/16S474J
R	3870 (A,197,142)		RS1/16S474J
R	3871 (B,199,182)		RS1/16S221J
R	3872 (B,187,183)		RS1/16S221J
R	3873 (B,196,186)		RS1/16S474J
R	3874 (B,190,187)		RS1/16S474J
R	3875 (B,197,175)		RS1/16S474J
R	3876 (B,189,175)		RS1/16S474J
R	3877 (A,199,181)		RS1/16S0R0J
R	3878 (A,187,182)		RS1/16S0R0J
R	3879 (B,201,186)		RS1/16S474J
R	3880 (B,185,187)		RS1/16S474J
R	3881 (A,199,154)		RS1/16S221J
R	3882 (A,199,153)		RS1/16S221J
R	3883 (A,180,154)		RS1/16S221J
R	3893 (A,200,183)		RS1/16S0R0J
R	3894 (A,187,184)		RS1/16S0R0J
R	3899 (A,183,138)		RS1/16S0R0J
R	3900 (A,196,137)		RS1/16S0R0J

CAPACITORS

C	3861 (A,180,143)		CKSRYB105K16
C	3862 (A,199,141)		CKSRYB105K16
C	3865 (A,187,134)		CKSRYB103K50
C	3866 (A,193,142)		CKSRYB103K50
C	3867 (A,183,130)	ELECT. CAPACITOR	CEAT220M25
C	3868 (A,195,130)	ELECT. CAPACITOR	CEAT220M25
C	3871 (B,201,182)		CKSRYB105K16
C	3872 (B,185,183)		CKSRYB105K16
C	3875 (A,191,181)		CKSRYB103K50
C	3876 (A,196,188)		CKSRYB103K50
C	3877 (A,199,177)		CEAT100M50
C	3878 (A,188,177)		CEAT100M50
C	3881 (A,193,173)		CKSRYB103K50
C	3882 (A,187,173)		CKSRYB103K50
C	3885 (A,182,154)		CCSRCH101J50

H MULTI CH IN ASSY

MISCELLANEOUS

IC	3211 (A,46,179)	OP-AMP IC	UPC4570G2-A
IC	3221 (A,46,197)	OP-AMP IC	UPC4570G2-A
IC	3231 (A,46,215)	OP-AMP IC	UPC4570G2-A
IC	3251 (A,72,205)	E-SW IC	TC9163CFG
IC	3261 (A,118,205)	E-SW IC	TC9162CFG
IC	3263 (B,136,216)	IC	NJM2068MD
IC	3264 (B,136,195)	IC	NJM2068MD
IC	3265 (B,122,220)	IC	NJM2068MD
IC	3266 (B,115,194)	IC	NJM2068MD
IC	3267 (A,133,169)	ANALOG SW ARRAY	TC9274CFG-022
IC	3303 (A,64,147)	ELECTRIC VOL IC(2CH)	BD3812F
⚠ IC	3321 (A,82,154)	IC	NJM78L05UA
⚠ IC	3322 (A,82,144)	IC	NJM79L05UA
IC	3323 (A,64,161)	ELECTRIC VOL IC(2CH)	BD3812F
Q	3301 (A,37,145)	TRANSISTOR	IMX25
Q	3302 (A,65,154)	DIGITAL TRANSISTOR	DTC124EUA
Q	3303 (A,91,157)	TRANSISTOR	UMD2N
Q	3321 (A,37,158)	TRANSISTOR	IMX25
Q	3322 (A,65,168)	DIGITAL TRANSISTOR	DTC124EUA
Q	3323 (A,97,157)	TRANSISTOR	UMD2N
D	3303 (A,98,150)	DIODE	RB521S-30
D	3321 (A,78,155)	DIODE	RB521S-30
D	3322 (A,78,143)	DIODE	RB521S-30
JA	3201 (A,14,196)	PIN JACK(4P)	AKB7188
JA	3202 (A,14,224)	PIN JACK(4P)	AKB7188
JA	3301 (A,14,154)	PIN JACK(4P)	AKB7188
CN	3204 (A,164,155)	PLUG	CKS1764
CN	3206 (A,59,232)	23P SOCKET	XKP3083
CN	3207 (A,52,235)	CONNECTOR	CKS1755
CN	3208 (A,95,232)	23P SOCKET	XKP3083
CN	3209 (A,141,235)	CONNECTOR	CKS1752
CN	3210 (A,100,144)	PLUG	CKS1761
CN	3211 (A,129,144)	PLUG	CKS1761

RESISTORS

R	3201 (B,31,192)		RS1/16S105J
R	3202 (B,31,186)		RS1/16S105J
R	3211 (B,31,206)		RS1/16S104J
R	3212 (B,31,200)		RS1/16S104J
R	3213 (B,33,206)		RS1/16S331J
R	3214 (B,33,200)		RS1/16S331J
R	3215 (B,42,182)		RS1/16S104J
R	3216 (B,42,176)		RS1/16S104J

Mark	No.	Description	Part No.
R	3217 (B,57,182)		RS1/16S474J
R	3218 (B,57,176)		RS1/16S474J
R	3219 (B,49,182)		RS1/16S101J
R	3220 (B,50,176)		RS1/16S101J
R	3221 (B,31,220)		RS1/16S104J
R	3222 (B,31,214)		RS1/16S104J
R	3223 (B,33,220)		RS1/16S331J
R	3224 (B,33,214)		RS1/16S331J
R	3225 (B,42,200)		RS1/16S104J
R	3226 (B,42,194)		RS1/16S104J
R	3227 (B,57,200)		RS1/16S474J
R	3228 (B,57,194)		RS1/16S474J
R	3229 (B,49,200)		RS1/16S101J
R	3230 (B,50,194)		RS1/16S101J
R	3231 (B,31,231)		RS1/16S104J
R	3232 (B,31,228)		RS1/16S104J
R	3233 (B,33,230)		RS1/16S331J
R	3234 (B,33,226)		RS1/16S331J
R	3235 (B,42,218)		RS1/16S104J
R	3236 (B,42,212)		RS1/16S104J
R	3237 (B,57,218)		RS1/16S474J
R	3238 (B,57,212)		RS1/16S474J
R	3239 (B,49,218)		RS1/16S101J
R	3240 (B,50,212)		RS1/16S101J
R	3251 (A,80,216)		RS1/16S221J
R	3252 (A,81,216)		RS1/16S221J
R	3253 (A,80,193)		RS1/16S221J
R	3261 (A,129,219)		RS1/16S221J
R	3262 (A,130,219)		RS1/16S221J
R	3263 (A,128,191)		RS1/16S221J
R	3265 (A,132,214)		RS1/16S101J
R	3266 (A,133,200)		RS1/16S101J
R	3267 (A,132,216)		RS1/16S153J
R	3268 (A,132,196)		RS1/16S153J
R	3269 (A,137,212)		RS1/16S0R0J
R	3270 (A,136,200)		RS1/16S0R0J
R	3271 (A,138,218)		RS1/16S912J
R	3272 (A,138,196)		RS1/16S912J
R	3273 (A,133,218)		RS1/16S912J
R	3274 (A,137,191)		RS1/16S912J
R	3275 (B,141,214)		RS1/16S101J
R	3276 (B,141,193)		RS1/16S101J
R	3277 (B,143,210)		RS1/16S104J
R	3278 (B,143,201)		RS1/16S104J
R	3279 (A,119,217)		RS1/16S103J
R	3280 (A,116,197)		RS1/16S103J
R	3281 (A,117,219)		RS1/16S222J
R	3282 (A,118,190)		RS1/16S222J
R	3283 (A,119,219)		RS1/16S123J
R	3284 (A,118,193)		RS1/16S123J
R	3285 (A,123,215)		RS1/16S103J
R	3286 (A,113,192)		RS1/16S103J
R	3287 (A,120,219)		RS1/16S103J
R	3288 (A,117,193)		RS1/16S103J
R	3289 (A,127,219)		RS1/16S103J
R	3290 (A,116,190)		RS1/16S103J
R	3291 (B,127,222)		RS1/16S101J
R	3292 (B,119,190)		RS1/16S101J
R	3293 (B,141,218)		RS1/16S104J
R	3294 (B,141,196)		RS1/16S104J
R	3295 (A,134,183)		RS1/16S221J
R	3296 (A,131,184)		RS1/16S221J
R	3297 (A,128,184)		RS1/16S221J
R	3299 (B,141,210)		RS1/16S474J
R	3300 (A,133,198)		RS1/16S474J
R	3301 (B,41,148)		RS1/16S474J
R	3302 (B,41,142)		RS1/16S474J
R	3303 (B,39,148)		RS1/16S681J
R	3304 (B,39,142)		RS1/16S681J
R	3305 (A,37,150)		RS1/16S103J
R	3306 (A,38,141)		RS1/16S103J
R	3307 (B,35,148)		RS1/16S221J
R	3308 (B,35,142)		RS1/16S221J
R	3311 (A,91,155)		RS1/16S331J
R	3312 (A,67,154)		RS1/16S103J
R	3313 (A,57,153)		RS1/16S102J
R	3314 (A,59,153)		RS1/16S102J
R	3315 (A,91,153)		RS1/16S102J
R	3321 (B,41,161)		RS1/16S474J
R	3322 (B,41,154)		RS1/16S474J
R	3323 (B,39,161)		RS1/16S681J
R	3324 (B,39,154)		RS1/16S681J
R	3325 (A,37,162)		RS1/16S103J
R	3326 (A,38,153)		RS1/16S103J
R	3327 (B,35,161)		RS1/16S221J
R	3328 (B,35,154)		RS1/16S221J
R	3331 (A,97,155)		RS1/16S331J
R	3332 (A,67,168)		RS1/16S103J
R	3333 (A,57,167)		RS1/16S102J
R	3334 (A,59,167)		RS1/16S102J
R	3335 (A,97,153)		RS1/16S102J
R	3341 (B,46,182)		RS1/16S0R0J
R	3342 (B,46,176)		RS1/16S0R0J
R	3345 (A,48,187)		RS1/16S0R0J
R	3346 (A,45,171)		RS1/16S0R0J
R	3347 (B,46,200)		RS1/16S0R0J
R	3348 (B,46,194)		RS1/16S0R0J
R	3351 (A,48,205)		RS1/16S0R0J
R	3352 (A,45,189)		RS1/16S0R0J
R	3353 (B,46,218)		RS1/16S0R0J
R	3354 (B,46,212)		RS1/16S0R0J
R	3357 (A,48,223)		RS1/16S0R0J
R	3358 (A,45,207)		RS1/16S0R0J

CAPACITORS

C	3201 (B,24,191)		CCSRCH221J50
C	3202 (B,24,187)		CCSRCH221J50
C	3211 (B,24,205)		CCSRCH221J50
C	3212 (B,24,201)		CCSRCH221J50
C	3213 (A,39,185)	ELECT. CAPACITOR	ACH7196
C	3214 (A,39,174)	ELECT. CAPACITOR	ACH7196
C	3215 (B,44,182)		CCSRCH101J50
C	3216 (B,44,176)		CCSRCH101J50
C	3217 (A,44,185)		CKSRYB103K50
C	3218 (A,48,174)		CKSRYB103K50
C	3219 (A,53,182)	ELECT. CAPACITOR	ACH7197
C	3220 (A,53,176)	ELECT. CAPACITOR	ACH7197
C	3221 (B,24,219)		CCSRCH221J50

Mark	No.	Description	Part No.
C	3222 (B,24,215)		CCSRCH221J50
C	3223 (A,39,203)	ELECT. CAPACITOR	ACH7196
C	3224 (A,39,191)	ELECT. CAPACITOR	ACH7196
C	3225 (B,44,200)		CCSRCH101J50
C	3226 (B,44,194)		CCSRCH101J50
C	3227 (A,44,203)		CKSRYB103K50
C	3228 (A,48,192)		CKSRYB103K50
C	3229 (A,53,200)	ELECT. CAPACITOR	ACH7197
C	3230 (A,53,194)	ELECT. CAPACITOR	ACH7197
C	3231 (B,24,233)		CCSRCH221J50
C	3232 (B,24,229)		CCSRCH221J50
C	3233 (A,39,221)	ELECT. CAPACITOR	ACH7196
C	3234 (A,39,209)	ELECT. CAPACITOR	ACH7196
C	3235 (B,44,218)		CCSRCH101J50
C	3236 (B,44,212)		CCSRCH101J50
C	3237 (A,44,221)		CKSRYB103K50
C	3238 (A,48,210)		CKSRYB103K50
C	3239 (A,53,218)	ELECT. CAPACITOR	ACH7197
C	3240 (A,53,212)	ELECT. CAPACITOR	ACH7197
C	3241 (B,19,191)		CKSRYB103K50
C	3243 (B,19,219)		CKSRYB103K50
C	3251 (A,63,214)		CKSRYB103K50
C	3252 (A,65,195)		CKSRYB103K50
C	3253 (A,80,196)		CCSRCH101J50
C	3261 (A,107,207)		CKSRYB103K50
C	3262 (A,107,202)		CKSRYB103K50
C	3265 (B,131,221)		CKSRYB103K50
C	3266 (B,131,197)		CKSRYB103K50
C	3267 (A,134,218)		CCSRCH220J50
C	3268 (A,137,193)		CCSRCH220J50
C	3269 (B,131,217)		CKSRYB103K50
C	3270 (B,131,193)		CKSRYB103K50
C	3271 (A,148,209)	ELECT. CAPACITOR	ACH7198
C	3272 (A,148,199)	ELECT. CAPACITOR	ACH7198
C	3273 (A,123,217)		CCSRCH220J50
C	3274 (A,113,193)		CCSRCH220J50
C	3275 (B,117,223)		CKSRYB103K50
C	3276 (B,110,197)		CKSRYB103K50
C	3277 (A,125,219)		CCSRCH220J50
C	3278 (A,116,191)		CCSRCH220J50
C	3279 (B,117,219)		CKSRYB103K50
C	3280 (B,110,193)		CKSRYB103K50
C	3281 (A,148,216)	ELECT. CAPACITOR	ACH7198
C	3282 (A,148,192)	ELECT. CAPACITOR	ACH7198
C	3283 (A,132,155)		CKSRYB103K50
C	3284 (A,135,155)		CKSRYB103K50
C	3285 (A,127,193)		CCSRCH101J50
C	3286 (A,137,182)		CCSRCH101J50
C	3305 (A,69,151)		CKSRYB103K50
C	3306 (A,69,148)		CKSRYB103K50
C	3307 (A,46,149)		CEAT100M50
C	3308 (A,46,143)		CEAT100M50
C	3311 (B,23,149)		CCSRCH221J50
C	3312 (B,23,145)		CCSRCH221J50
C	3313 (A,57,150)		CCSRCH101J50
C	3314 (A,59,150)		CCSRCH101J50
C	3315 (A,94,155)		CKSRYB103K50
C	3320 (A,92,148)	ELECT. CAPACITOR	CEAT102M6R3
C	3321 (A,80,149)		CKSRYB103K50
C	3322 (A,80,148)		CKSRYB103K50
C	3323 (A,74,155)		CEAT1R0M50
C	3324 (A,74,146)		CEAT1R0M50
C	3325 (A,69,165)		CKSRYB103K50
C	3326 (A,69,162)		CKSRYB103K50
C	3327 (A,46,161)		CEAT100M50
C	3328 (A,46,155)		CEAT100M50
C	3331 (B,23,163)		CCSRCH221J50
C	3332 (B,23,159)		CCSRCH221J50
C	3333 (A,57,164)		CCSRCH101J50
C	3334 (A,59,164)		CCSRCH101J50
C	3335 (A,99,155)		CKSRYB103K50

VOLUME ASSY

MISCELLANEOUS

IC	3501 (A,275,180)	E-VR IC	TC94A32BFG
IC	3502 (A,244,180)	IC	OPA2134UA
IC	3521 (A,275,164)	E-VR IC	TC94A32BFG
IC	3522 (A,244,164)	IC	OPA2134UA
IC	3901 (A,275,197)	E-VR IC	TC94A32BFG
IC	3902 (A,244,197)	IC	OPA2134UA
IC	3921 (A,275,147)	E-VR IC	TC94A32BFG
IC	3922 (A,244,147)	IC	OPA2134UA
IC	3941 (A,275,213)	E-VR IC	TC94A32BFG
IC	3942 (A,244,213)	IC	OPA2134UA
IC	3961 (A,275,131)	E-VR IC	TC94A32BFG
IC	3962 (A,244,131)	IC	OPA2134UA
CN	3901 (A,305,176)	PLUG	CKS1761
CN	3902 (A,305,147)	PLUG	CKS1761
CN	3903 (A,218,138)	7P SOCKET	XKP3074
CN	3904 (A,282,103)	PLUG	CKS1761
CN	3905 (A,252,103)	PLUG	CKS1761
	3901 (A,306,134)	PCB BINDER	VEF1040
	3902 (A,306,111)	PCB BINDER	VEF1040
	3903 (A,308,214)	PCB BINDER	VEF1040

RESISTORS

R	3501 (A,249,173)		RS1/16S221J
R	3502 (A,249,187)		RS1/16S221J
R	3503 (B,249,177)		RS1/16S104J
R	3504 (B,249,183)		RS1/16S104J
R	3505 (B,244,177)		RS1/16S474J
R	3506 (B,244,183)		RS1/16S474J
R	3507 (B,235,175)		RS1/16S101J
R	3508 (B,235,185)		RS1/16S101J
R	3511 (A,286,174)		RS1/16S221J
R	3512 (A,288,185)		RS1/16S221J
R	3513 (A,288,183)		RS1/16S221J
R	3521 (A,249,157)		RS1/16S221J
R	3522 (A,249,171)		RS1/16S221J
R	3523 (B,249,161)		RS1/16S104J
R	3524 (B,249,167)		RS1/16S104J
R	3525 (B,244,161)		RS1/16S474J
R	3526 (B,244,167)		RS1/16S474J
R	3527 (B,235,159)		RS1/16S101J
R	3528 (B,235,168)		RS1/16S101J
R	3531 (A,286,158)		RS1/16S221J
R	3532 (A,288,168)		RS1/16S221J

Mark	No.	Description	Part No.
R	3533 (A,288,166)		RS1/16S221J
R	3901 (A,249,190)		RS1/16S221J
R	3902 (A,249,204)		RS1/16S221J
R	3903 (B,249,194)		RS1/16S104J
R	3904 (B,249,200)		RS1/16S104J
R	3905 (B,244,194)		RS1/16S474J
R	3906 (B,244,200)		RS1/16S474J
R	3907 (B,235,192)		RS1/16S101J
R	3908 (B,235,201)		RS1/16S101J
R	3911 (A,286,191)		RS1/16S221J
R	3912 (A,288,201)		RS1/16S221J
R	3913 (A,288,199)		RS1/16S221J
R	3921 (A,249,140)		RS1/16S221J
R	3922 (A,249,154)		RS1/16S221J
R	3923 (B,249,144)		RS1/16S104J
R	3924 (B,249,150)		RS1/16S104J
R	3925 (B,244,144)		RS1/16S474J
R	3926 (B,244,150)		RS1/16S474J
R	3927 (B,235,142)		RS1/16S101J
R	3928 (B,235,152)		RS1/16S101J
R	3931 (A,286,141)		RS1/16S221J
R	3932 (A,288,152)		RS1/16S221J
R	3933 (A,288,150)		RS1/16S221J
R	3941 (A,249,206)		RS1/16S221J
R	3942 (A,249,220)		RS1/16S221J
R	3943 (B,249,210)		RS1/16S104J
R	3944 (B,249,216)		RS1/16S104J
R	3945 (B,244,210)		RS1/16S474J
R	3946 (B,244,216)		RS1/16S474J
R	3947 (B,235,208)		RS1/16S101J
R	3948 (B,235,218)		RS1/16S101J
R	3951 (A,286,207)		RS1/16S221J
R	3952 (A,288,218)		RS1/16S221J
R	3953 (A,288,216)		RS1/16S221J
R	3961 (A,249,124)		RS1/16S221J
R	3962 (A,249,138)		RS1/16S221J
R	3963 (B,249,128)		RS1/16S104J
R	3964 (B,249,134)		RS1/16S104J
R	3965 (B,244,128)		RS1/16S474J
R	3966 (B,244,134)		RS1/16S474J
R	3967 (B,235,127)		RS1/16S101J
R	3968 (B,235,135)		RS1/16S101J
R	3971 (A,286,125)		RS1/16S221J
R	3972 (A,288,135)		RS1/16S221J
R	3973 (A,288,133)		RS1/16S221J

CAPACITORS

Mark	No.	Description	Part No.
C	3503 (A,252,176)	ELECT. CAPACITOR	ACH7199
C	3504 (A,252,184)	ELECT. CAPACITOR	ACH7199
C	3505 (A,261,176)	ELECT. CAPACITOR	ACH7198
C	3506 (A,261,184)	ELECT. CAPACITOR	ACH7198
C	3507 (B,247,177)		CCSRCH101J50
C	3508 (B,247,183)		CCSRCH101J50
C	3509 (A,243,176)		CCSRCH330J50
C	3510 (A,244,185)		CCSRCH330J50
C	3511 (B,283,187)		CCSRCH101J50
C	3513 (B,240,183)		CKSRYB103K50
C	3514 (B,242,177)		CKSRYB103K50
C	3517 (B,267,175)		CKSRYB103K50
C	3518 (B,267,185)		CKSRYB103K50
C	3523 (A,252,159)	ELECT. CAPACITOR	ACH7199
C	3524 (A,252,168)	ELECT. CAPACITOR	ACH7199
C	3525 (A,261,159)	ELECT. CAPACITOR	ACH7198
C	3526 (A,261,168)	ELECT. CAPACITOR	ACH7198
C	3527 (B,247,161)		CCSRCH101J50
C	3528 (B,247,167)		CCSRCH101J50
C	3529 (A,243,159)		CCSRCH330J50
C	3530 (A,244,168)		CCSRCH330J50
C	3531 (B,283,170)		CCSRCH101J50
C	3533 (B,240,167)		CKSRYB103K50
C	3534 (B,242,161)		CKSRYB103K50
C	3537 (B,267,159)		CKSRYB103K50
C	3538 (B,267,169)		CKSRYB103K50
C	3903 (A,252,192)	ELECT. CAPACITOR	ACH7199
C	3904 (A,252,201)	ELECT. CAPACITOR	ACH7199
C	3905 (A,261,192)	ELECT. CAPACITOR	ACH7198
C	3906 (A,261,201)	ELECT. CAPACITOR	ACH7198
C	3907 (B,247,194)		CCSRCH101J50
C	3908 (B,247,200)		CCSRCH101J50
C	3909 (A,243,192)		CCSRCH330J50
C	3910 (A,244,201)		CCSRCH330J50
C	3911 (B,283,203)		CCSRCH101J50
C	3913 (B,240,200)		CKSRYB103K50
C	3914 (B,242,194)		CKSRYB103K50
C	3917 (B,267,192)		CKSRYB103K50
C	3918 (B,267,202)		CKSRYB103K50
C	3923 (A,252,143)	ELECT. CAPACITOR	ACH7199
C	3924 (A,252,151)	ELECT. CAPACITOR	ACH7199
C	3925 (A,261,143)	ELECT. CAPACITOR	ACH7198
C	3926 (A,261,151)	ELECT. CAPACITOR	ACH7198
C	3927 (B,247,144)		CCSRCH101J50
C	3928 (B,247,150)		CCSRCH101J50
C	3929 (A,243,143)		CCSRCH330J50
C	3930 (A,244,152)		CCSRCH330J50
C	3931 (B,283,153)		CCSRCH101J50
C	3933 (B,240,150)		CKSRYB103K50
C	3934 (B,242,144)		CKSRYB103K50
C	3937 (B,267,142)		CKSRYB103K50
C	3938 (B,267,152)		CKSRYB103K50
C	3943 (A,252,209)	ELECT. CAPACITOR	ACH7199
C	3944 (A,252,217)	ELECT. CAPACITOR	ACH7199
C	3945 (A,261,209)	ELECT. CAPACITOR	ACH7198
C	3946 (A,261,217)	ELECT. CAPACITOR	ACH7198
C	3947 (B,247,210)		CCSRCH101J50
C	3948 (B,247,216)		CCSRCH101J50
C	3949 (A,243,209)		CCSRCH330J50
C	3950 (A,244,218)		CCSRCH330J50
C	3951 (B,283,219)		CCSRCH101J50
C	3953 (B,240,216)		CKSRYB103K50
C	3954 (B,242,210)		CKSRYB103K50
C	3957 (B,267,208)		CKSRYB103K50
C	3958 (B,267,218)		CKSRYB103K50
C	3963 (A,252,126)	ELECT. CAPACITOR	ACH7199
C	3964 (A,252,135)	ELECT. CAPACITOR	ACH7199
C	3965 (A,261,126)	ELECT. CAPACITOR	ACH7198
C	3966 (A,261,135)	ELECT. CAPACITOR	ACH7198
C	3967 (B,247,128)		CCSRCH101J50
C	3968 (B,247,134)		CCSRCH101J50

Mark	No.	Description	Part No.
C	3969 (A,243,126)		CCSRCH330J50
C	3970 (A,244,135)		CCSRCH330J50
C	3971 (B,283,137)		CCSRCH101J50
C	3973 (B,240,134)		CKSRYB103K50
C	3974 (B,242,128)		CKSRYB103K50
C	3977 (B,268,127)		CKSRYB103K50
C	3978 (B,267,136)		CKSRYB103K50

J FRONT USB ASSY

MISCELLANEOUS

L	5292 (A,309,35)	CHIP FERRITE BEADS	VTL1169
JA	5291 (A,290,30)	USB CONNECTOR	VKB1226
KN	5203 (A,315,38)	WRAPPING TERMINAL	VNF1084
CN	5291 (A,309,14)	PLUG(5P)	KM200NA5LR

RESISTORS

R	5291 (A,309,32)	RS1/16S0R0J
R	5292 (A,309,27)	RS1/16S0R0J
R	5294 (B,309,23)	RS1/16S0R0J
R	5295 (A,307,17)	RS1/16S0R0J
R	5296 (A,319,27)	RS1/16S0R0J
R	5297 (B,306,18)	RS1/16S0R0J
R	5298	RS1/16S0R0J
R	5299	RS1/16S0R0J
R	9293	RS1/16S0R0J
R	9294	RS1/16S0R0J
R	9297	RS1/16S0R0J

CAPACITORS

C	5292 (B,318,27)	CKSRYB104K50
C	5293 (A,305,30)	CCSRCH101J50

K FRONT INPUT ASSY

MISCELLANEOUS

IC	5221 (A,306,179)	IC	NJM2068MD
D	5221 (B,300,185)	DIODE	DAN217
D	5222 (B,307,160)	DIODE	UDZS5R1(B)
D	5223 (B,310,160)	DIODE	UDZS5R1(B)
D	5224 (A,307,200)	DIODE	UDZS5R1(B)
L	5201 (A,303,83)	INDUCTOR	CTF1387
L	5202 (A,303,77)	INDUCTOR	CTF1387
L	5203 (B,312,56)	CHIP SOLID INDUCTOR	QTL1013
J	5201	3P HOUSING ASSY	ADX7617
JA	5201 (A,291,54)	OPT. LINK IN	AKS7005
JA	5202 (A,291,70)	PIN JACK(4P)	XKX3003
JA	5203 (A,289,193)	JACK	RKN1004
KN	5201 (A,307,75)	WRAPPING TERMINAL	VNF1084
KN	5202 (A,307,226)	WRAPPING TERMINAL	VNF1084
CN	5201 (A,316,97)	11P PLUG	XKP3065
CN	5202 (A,316,178)	11P PLUG	XKP3065
	5204	PHONE JACK	AKN7029

RESISTORS

R	5203 (A,305,83)	RS1/16S104J
R	5204 (A,305,78)	RS1/16S104J
R	5205 (A,307,86)	RS1/16S221J
R	5206 (A,309,78)	RS1/16S221J
R	5207 (B,311,52)	RS1/16S101J
R	5208 (B,305,118)	RS1/16S750J
R	5209 (B,303,109)	RS1/16S750J
R	5210 (B,301,103)	RS1/16S750J
R	5221 (A,303,200)	RS1/16S102J
R	5223 (B,295,186)	RS1/16S104J
R	5224 (B,304,186)	RS1/16S101J
R	5225 (B,303,182)	RS1/16S104J
R	5226 (B,307,182)	RS1/16S472J
R	5227 (A,309,184)	RS1/16S333J
R	5228 (B,309,182)	RS1/16S101J
R	5229 (B,304,179)	RS1/16S472J
R	5230 (B,309,176)	RS1/16S333J
R	5231 (B,309,172)	RS1/16S101J
R	5232 (B,309,164)	RS1/16S104J
R	5233 (A,303,198)	RS1/16S682J
R	5234 (A,309,197)	RS1/16S102J
R	5241 (A,309,202)	RS1/16S102J
R	5251 (B,307,103)	RS1/16S0R0J
R	5252 (A,308,81)	RS1/16S0R0J
R	5253 (B,320,157)	RS1/16S0R0J
R	5257 (B,306,211)	RS1/16S0R0J
R	5258 (B,306,209)	RS1/16S0R0J
R	5259 (B,306,207)	RS1/16S0R0J

CAPACITORS

C	5201 (A,307,83)	CCSRCH221J50
C	5202 (A,307,78)	CCSRCH221J50
C	5203 (B,305,55)	CKSRYB104K50
C	5204 (B,305,116)	CKSRYB104K50
C	5222 (B,295,189)	CCSRCH471J50
C	5223 (A,304,188)	CEAT100M50
C	5224 (B,305,182)	CCSRCH101J50
C	5225 (A,309,186)	CCSRCH330J50
C	5226 (B,307,176)	CCSRCH330J50
C	5227 (A,309,177)	CKSRYB103K50
C	5228 (A,309,180)	CKSRYB103K50
C	5229 (A,317,148)	CEAT100M50
C	5230 (A,317,156)	CEAT100M50
C	5231 (A,305,170)	CEAT100M50
C	5233 (A,304,194)	CEAT100M50
C	5241 (A,316,199)	CKSRYB392K50
C	5242 (A,319,199)	CKSRYB392K50
C	5251 (B,303,79)	CKSRYB104K50
C	5252 (B,303,77)	CKSRYB102K50
C	5253 (B,303,75)	CCSRCH101J50
C	5254 (B,303,93)	CKSRYB104K50
C	5255 (B,303,90)	CKSRYB102K50
C	5256 (B,303,88)	CCSRCH101J50
C	5257 (B,306,205)	CKSRYB103K50
C	5258 (B,306,203)	CKSRYB102K50
C	5259 (B,306,200)	CCSRCH101J50
C	5264 (B,311,155)	CKSRYB104K50
C	5268 (B,308,109)	CKSRYB103K50
C	5270 (B,306,66)	CKSRYB103K50
C	9254	CKSRYB102K50
C	9255	CKSRYB103K50

Mark	No.	Description	Part No.
C	9256		CCSRCH101J50

L FRONT BUFF ASSY

MISCELLANEOUS

IC	5301 (A,157,222)	OP-AMP IC	BA4560RF
Q	5321 (B,184,227)	TRANSISTOR	2SC4154
Q	5322 (B,195,227)	TRANSISTOR	2SC4154
Q	5323 (B,206,227)	TRANSISTOR	2SC4154
Q	5391 (B,224,221)	TRANSISTOR	RT1N140M
D	5391 (B,226,226)	DIODE	1SS352
D	5392 (B,224,226)	DIODE	1SS352
RY	5391 (A,231,223)	RELAY	VSR1017
CN	5301 (A,151,202)	11P SOCKET	XKP3076
CN	5302 (A,232,202)	11P SOCKET	XKP3076
CN	5303 (A,313,216)	L-PLUG(11P)	KM200NA11L
CN	5304 (A,289,205)	L-PLUG(15P)	KM200NA15L
CN	5305 (A,139,239)	7P CONNECTOR	52044-0745

RESISTORS

R	5301 (B,160,218)		RS1/16S104J
R	5302 (B,154,218)		RS1/16S104J
R	5303 (B,160,220)		RS1/16S221J
R	5304 (B,154,220)		RS1/16S221J
R	5305 (B,160,224)		RS1/16S104J
R	5306 (B,154,222)		RS1/16S104J
R	5307 (B,164,225)		RS1/16S101J
R	5308 (B,150,225)		RS1/16S101J
R	5327 (B,184,222)		RS1/16S332J
R	5328 (B,195,222)		RS1/16S332J
R	5329 (B,206,222)		RS1/16S332J
R	5333 (B,183,231)		RS1/16S114J
R	5334 (B,194,231)		RS1/16S114J
R	5335 (B,205,231)		RS1/16S114J
R	5336 (B,186,222)		RS1/16S184J
R	5337 (B,197,222)		RS1/16S184J
R	5338 (B,208,222)		RS1/16S184J
R	5339 (B,186,231)		RS1/16S0R0J
R	5340 (B,197,231)		RS1/16S0R0J
R	5341 (B,208,231)		RS1/16S0R0J
R	5351		RS1/16S0R0J
R	5352		RS1/16S0R0J
R	5353		RS1/16S0R0J
R	5354		RS1/16S0R0J
R	5355		RS1/16S0R0J
R	5356		RS1/16S0R0J
R	5357		RS1/16S0R0J
R	5358		RS1/16S0R0J
R	5359		RS1/16S0R0J
R	5360		RS1/16S0R0J
R	5361		RS1/16S0R0J
R	5362		RS1/16S0R0J
R	5363		RS1/16S0R0J
R	5364		RS1/16S0R0J
R	5365		RS1/16S0R0J
R	5366		RS1/16S0R0J
R	5367		RS1/16S0R0J
R	5368		RS1/16S0R0J
R	5369		RS1/16S0R0J
R	5370		RS1/16S0R0J
R	5371		RS1/16S0R0J
R	5372		RS1/16S0R0J
R	5373		RS1/16S0R0J
R	5374		RS1/16S0R0J
R	5375		RS1/16S0R0J
R	5376		RS1/16S0R0J
R	5377		RS1/16S0R0J
R	5378		RS1/16S0R0J
R	5379		RS1/16S0R0J
R	5380		RS1/16S0R0J
R	5381		RS1/16S0R0J
R	5382		RS1/16S0R0J
R	5383		RS1/16S0R0J
R	5384		RS1/16S0R0J
R	5385		RS1/16S0R0J
R	5386		RS1/16S0R0J
R	5387		RS1/16S0R0J
R	5388		RS1/16S0R0J
R	5389		RS1/16S0R0J
R	5390		RS1/16S0R0J
R	5393 (B,226,221)		RS1/10S0R0J

CAPACITORS

C	5301 (A,165,217)		CEAL100M16
C	5302 (A,149,217)		CEAL100M16
C	5303 (B,160,222)		CCSRCH101J50
C	5304 (B,154,224)		CCSRCH101J50
C	5305 (A,167,227)	ELECTR. CAPACITOR	CEAL470M25
C	5306 (A,147,227)	ELECTR. CAPACITOR	CEAL470M25
C	5307 (A,159,226)		CKSRYB103K50
C	5308 (A,155,226)		CKSRYB103K50
C	5309 (A,162,231)		CEAL330M25
C	5310 (A,155,231)		CEAL330M25
C	5321 (A,187,214)	ELECTR. CAPACITOR	CEAL470M25
C	5322 (A,198,214)	ELECTR. CAPACITOR	CEAL470M25
C	5323 (A,209,214)	ELECTR. CAPACITOR	CEAL470M25
C	5327 (B,188,231)		CKSRYB103K50
C	5328 (B,184,218)		CKSRYB103K50
C	5329 (B,199,231)		CKSRYB103K50
C	5330 (B,195,218)		CKSRYB103K50
C	5331 (B,210,231)		CKSRYB103K50
C	5332 (B,206,218)		CKSRYB103K50

M USB ASSY

MISCELLANEOUS

	IC	701 (A,35,38)	USB MEDIA CONTROL IC	TCC8600-00X-EA-UG
⚠	IC	702 (A,63,28)	IC	NJM2872BF18
⚠	IC	703 (A,84,25)	IC	NJM2886DL3-33
	IC	741 (A,64,16)	IC	TC7SZ125FU
	IC	761 (A,67,47)	SD-RAM(64M)	HY57V641620FTP-6
	IC	762 (A,90,42)	FLASH ROM	AYW7236
	IC	781 (A,41,15)	IC	341S2154
	IC	951 (A,59,17)	L-MOS AND GATE	TC7SET08FUS1
	L	701 (A,41,54)	INDUCTOR	LCTC100K1608
	L	702 (A,46,53)	CHIP SOLID INDUCTOR	QTL1013
	L	703 (A,23,54)	CHIP SOLID INDUCTOR	QTL1013

Mark	No.		Description	Part No.
L	704	(A,21,29)	CHIP SOLID INDUCTOR	QTL1013
L	733	(A,36,54)	COIL	VTH1043
L	741	(A,63,19)	CHIP SOLID INDUCTOR	QTL1013
L	761	(A,74,38)	CHIP SOLID INDUCTOR	QTL1013
L	762	(A,90,57)	CHIP SOLID INDUCTOR	QTL1013
L	763	(A,47,16)	CHIP SOLID INDUCTOR	QTL1013
L	952	(A,57,14)	CHIP SOLID INDUCTOR	QTL1013
KN	791	(A,30,13)	WRAPPING TERMINAL	VNF1084
X	702	(A,49,46)	CRYSTAL OSCILLATOR	CSS1614
X	703	(A,41,24)	RESONATOR	CSS1319
CN	701	(A,39,60)	CONNECTOR	B4B-PH-K-Y
CN	702	(A,87,16)	CONNECTOR	HLEM11S-1

RESISTORS

R	700	(A,43,57)		RS1/16S0R0J
R	702	(A,48,39)		RS1/16SS101J
R	703	(A,50,40)		RS1/16SS101J
R	704	(A,42,46)		RS1/16SS472J
R	705	(A,25,37)		RS1/16SS472J
R	707	(A,36,49)		RS1/16SS473J
R	708	(A,40,53)		RS1/16SS101J
R	709	(A,41,47)		RS1/16SS103J
R	710	(A,50,39)		RS1/16SS101J
R	711	(A,48,37)		RS1/16SS101J
R	712	(A,29,48)		RS1/16SS101J
R	713	(A,30,49)		RS1/16SS101J
R	714	(A,31,48)		RS1/16SS101J
R	717	(A,22,30)		RS1/16SS101J
R	718	(A,23,30)		RS1/16SS101J
R	719	(A,26,47)		RS1/16SS101J
R	720	(A,27,49)		RS1/16SS101J
R	724	(A,31,51)		RS1/16SS472J
R	725	(A,33,53)		RS1/16SS472J
R	726	(A,34,54)		RS1/16SS472J
R	727	(A,25,41)		RS1/16SS220J
R	728	(A,32,49)		RS1/16SS101J
R	729	(A,51,37)		RS1/16SS101J
R	732	(A,30,60)		RS1/16S0R0J
R	734	(A,30,61)		RS1/16S0R0J
R	735	(A,38,52)		RS1/16SS153J
R	736	(A,34,51)		RS1/16SS153J
R	737	(A,37,51)		RS1/16SS390J
R	738	(A,35,51)		RS1/16SS390J
R	739	(A,86,20)		RS1/16SS221J
R	740	(A,33,50)		RS1/16SS101J
R	741	(A,66,19)		RS1/16SS560J
R	742	(A,77,23)		RS1/16SS101J
R	743	(A,75,23)		RS1/16SS101J
R	744	(A,73,23)		RS1/16SS101J
R	747	(A,45,41)		RS1/16S225J
R	748	(A,46,45)		RS1/16SS470J
R	752	(A,41,19)		RS1/16SS103J
R	753	(A,35,21)		RS1/16SS104J
R	754	(A,34,21)		RS1/16SS104J
R	755	(A,33,21)		RS1/16SS104J
R	756	(A,36,15)		RS1/16SS103J
R	758	(A,36,14)		RS1/16S1003F
R	763	(A,88,58)		RS1/16SS473J
R	764	(A,36,18)		RS1/16SS103J

Mark	No.		Description	Part No.
R	951	(A,40,57)		RS1/16SS101J
R	952	(A,38,55)		RS1/16SS473J
R	953	(A,25,28)		RS1/16SS101J
R	954	(A,25,29)		RS1/16SS473J
R	955	(A,56,22)		RS1/16SS101J
R	956	(A,26,49)		RS1/16SS473J
R	958	(A,60,20)		RS1/16SS101J

CAPACITORS

C	701	(A,29,28)		CKSSYB104K10
C	702	(A,30,28)		CKSSYB471K50
C	703	(A,32,28)		CKSSYB104K10
C	704	(A,33,28)		CKSSYB471K50
C	705	(A,36,27)		CKSSYB104K10
C	706	(A,37,27)		CKSSYB471K50
C	707	(A,40,27)		CKSSYB104K10
C	708	(A,39,27)		CKSSYB471K50
C	709	(A,43,47)		CKSSYB104K10
C	710	(A,43,48)		CKSSYB471K50
C	711	(A,42,50)		CKSSYB104K10
C	712	(A,44,50)		CKSSYB471K50
C	713	(A,38,49)		CCSRCH331J50
C	714	(A,42,52)		CKSQYB225K10
C	715	(A,41,49)		CKSRYB122K50
C	716	(A,47,36)		CKSSYB104K10
C	717	(A,47,32)		CKSSYB104K10
C	718	(A,47,33)		CKSSYB471K50
C	719	(A,25,45)		CKSSYB471K50
C	720	(A,26,45)		CKSSYB104K10
C	721	(A,24,47)		CEJQ101M6R3
C	723	(A,23,33)		CKSSYB471K50
C	724	(A,24,34)		CKSSYB104K10
C	726	(A,21,41)		CKSSYB104K10
C	727	(A,26,39)		CKSSYB471K50
C	728	(A,24,39)		CKSSYB104K10
C	729	(A,25,35)		CKSSYB471K50
C	730	(A,65,27)		CKSSYB103K16
C	734	(A,48,36)		CKSSYB471K50
C	735	(A,23,44)		CKSSYB103K16
C	736	(A,26,30)		CKSSYB471K50
C	739	(A,46,50)		CCSRCH100D50
C	740	(A,46,47)		CCSRCH471J50
C	741	(A,92,19)		CEJQ101M16
C	742	(A,92,24)		CKSRYB104K16
C	743	(A,93,27)		CKSQYB225K10
C	744	(A,97,26)		CEJQ470M10
C	745	(A,65,31)		CKSQYB105K16
C	746	(A,67,28)		CKSQYB475K6R3
C	747	(A,34,48)		CKSSYB104K10
C	748	(A,33,48)		CKSSYB471K50
C	749	(A,44,21)		CCSRCH120J50
C	750	(A,41,21)		CCSRCH120J50
C	751	(A,45,17)		CKSSYB105K6R3
C	752	(A,62,16)		CKSSYB104K10
C	761	(A,76,39)		CKSSYB104K10
C	762	(A,77,39)		CKSSYB471K50
C	763	(A,71,39)		CKSSYB471K50
C	764	(A,67,40)		CKSSYB471K50
C	766	(A,57,40)		CKSSYB471K50

Mark	No.	Description	Part No.
C	767	(A,90,55)	CKSSYB104K10
C	768	(A,90,54)	CKSSYB471K50
C	769	(A,43,55)	CKSRYB104K16
C	793	(A,62,18)	CKSSYB471K50
C	795	(A,42,58)	CKSSYB104K10
C	798	(A,35,16)	CKSRYB102K50
C	799	(A,33,16)	CKSRYB104K16
C	952	(A,57,17)	CKSRYB104K16

N NEW ITEM ASSY

MISCELLANEOUS

	IC	7001	(A,250,189) CPU	PEG293B8
	IC	7002	(A,234,207) FLASH ROM IC	SST25V512ACS
	IC	7003	(A,234,164) IC	TC74VHC125FTS1
	IC	7004	(A,260,209) L-MOS AND GATE	TC7SET08FUS1
	IC	7005	(A,244,164) IC	TC74VHC04FTS1
	IC	7006	(A,253,164) IC	TC74VHC125FTS1
	IC	7007	(A,230,183) IC	TC74VHC125FTS1
	IC	7101	(A,229,199) IC	TC74VHCT08AFTS1
	IC	7201	(A,198,169) IC	NJM2794V
	IC	7202	(A,172,162) IC	NJM2505AF
	IC	7204	(A,276,231) IC	BA4560F
	Q	7101	(A,230,215) TRANSISTOR(SC-70)	2SA1602A
	Q	7102	(A,229,222) DIGITAL TR(SC-70)	RT1N431M
⚠	Q	7103	(A,221,210) TRANSISTOR	2SD1664
	Q	7201	(A,176,165) CHIP TRANSISTOR	RN1901
	Q	7202	(A,152,181) CHIP TRANSISTOR	RSR015P03
⚠	Q	7203	(A,280,212) TRANSISTOR	2SD1664
	D	7102	(A,219,218) DIODE	UDZS10(B)
	D	7201	(A,154,175) DIODE	UDZS6R2(B)
	D	7202	(A,154,176) DIODE	UDZS6R2(B)
	D	7203	(A,154,173) DIODE	UDZS6R2(B)
	D	7204	(A,154,178) DIODE	UDZS6R2(B)
	D	7210	(A,160,170) DIODE	UDZS6R2(B)
	D	7211	(A,160,168) DIODE	UDZS6R2(B)
	D	7212	(A,274,208) DIODE	UDZS12(B)
	D	7301	(A,154,152) DIODE	UDZS6R2(B)
	D	7302	(A,154,155) DIODE	UDZS6R2(B)
	D	7303	(A,154,150) DIODE	UDZS6R2(B)
	D	7304	(A,154,156) DIODE	UDZS6R2(B)
	D	7308	(A,149,150) DIODE	DAN217U
	L	7001	(B,257,150) CHIP SOLID INDUCTOR	QTL1013
	JA	7001	(A,129,153) SOCKET	BKP1127
	JA	7002	(A,129,171) 20P SOCKET	AKP7226
	X	7001	(A,249,173) RESONATOR	CSS1716
	CN	7001	(A,255,148) 21P SOCKET	XKP3081
	CN	7002	(A,276,167) 13P SOCKET	XKP3077
	CN	7003	(A,168,144) PLUG	CKS1760
	CN	7004	(A,268,197) 10P CONNECTOR	VKN1414
	CN	7005	(A,216,202) CONNECTOR	CKS3376
	CN	7006	(A,177,179) PLUG(3P)	KM200NA3R
	CN	7007	(A,158,161) CONNECTOR	B4B-PH-K-Y
	CN	7008	(A,214,184) CONNECTOR	CKS3376
	CN	7009	(A,150,144) CONNECTOR	CKS1754
		7001	(A,284,200) PCB BINDER	VEF1040

RESISTORS

	R	7001	(A,238,174)	RS1/16S101J
	R	7002	(A,240,174)	RS1/16S101J
	R	7003	(A,241,174)	RS1/16S101J
	R	7004	(A,245,170)	RS1/16S512J
	R	7005	(A,245,174)	RS1/16S101J
	R	7006	(B,255,176)	RS1/16S473J
	R	7007	(A,255,174)	RS1/16S101J
	R	7008	(A,257,174)	RS1/16S101J
	R	7009	(A,260,174)	RAB4C101J
	R	7010	(A,263,174)	RS1/16S101J
	R	7011	(A,263,183)	RAB4C101J
	R	7012	(B,260,185)	RS1/16S222J
	R	7013	(A,263,187)	RAB4C101J
	R	7014	(A,260,206)	RS1/16S101J
	R	7015	(A,263,190)	RS1/16S104J
	R	7017	(A,263,193)	RS1/16S104J
	R	7018	(A,250,204)	RAB4C101J
	R	7019	(B,253,202)	RS1/16S104J
	R	7020	(A,246,204)	RAB4C101J
	R	7021	(B,244,199)	RS1/16S473J
	R	7024	(A,243,202)	RS1/16S101J
	R	7025	(A,242,202)	RS1/16S101J
	R	7026	(A,235,198)	RAB4C101J
	R	7027	(B,238,198)	RS1/16S104J
	R	7028	(A,236,192)	RAB4C101J
	R	7029	(A,235,188)	RS1/16S101J
	R	7030	(A,235,186)	RS1/16S101J
	R	7031	(A,237,182)	RS1/16S221J
	R	7032	(A,237,181)	RS1/16S221J
	R	7033	(A,238,179)	RS1/16S221J
	R	7034	(A,238,178)	RS1/16S104J
	R	7041	(A,233,158)	RS1/16S101J
	R	7042	(A,231,158)	RS1/16S104J
	R	7043	(A,235,158)	RS1/16S101J
	R	7044	(A,236,156)	RS1/16S104J
	R	7045	(A,238,170)	RS1/16S101J
	R	7046	(A,236,170)	RS1/16S104J
	R	7047	(A,234,170)	RS1/16S104J
	R	7048	(A,235,170)	RS1/16S104J
	R	7049	(A,231,170)	RS1/16S104J
	R	7050	(A,258,210)	RS1/16S221J
	R	7051	(A,240,162)	RS1/16S221J
	R	7052	(A,241,158)	RS1/16S104J
	R	7053	(A,245,158)	RS1/16S221J
	R	7054	(A,247,159)	RS1/16S104J
	R	7055	(A,243,158)	RS1/16S101J
	R	7056	(A,242,170)	RS1/16S101J
	R	7058	(A,251,157)	RS1/16S104J
	R	7059	(A,255,170)	RS1/16S104J
	R	7060	(A,250,170)	RS1/16S104J
	R	7061	(A,252,170)	RS1/16S104J
	R	7062	(A,229,176)	RS1/16S101J
	R	7063	(A,232,176)	RS1/16S104J
	R	7064	(A,230,190)	RS1/16S104J
	R	7065	(A,227,190)	RS1/16S104J
	R	7066	(A,229,190)	RS1/16S104J
	R	7071	(B,245,152)	RS1/16S224J
	R	7072	(B,243,152)	RS1/16S104J
	R	7073	(B,240,152)	RS1/16S104J
	R	7074	(B,254,152)	RS1/16S104J

Mark	No.	Description	Part No.
R	7075 (B,237,152)		RS1/16S474J
R	7076 (B,234,152)		RS1/16S104J
R	7077 (B,230,152)		RS1/16S104J
R	7079 (B,220,149)		RS1/16S104J
R	7080 (B,224,150)		RS1/16S104J
R	7081 (A,172,149)		RS1/16S104J
R	7082 (A,169,149)		RS1/16S104J
R	7083 (B,155,150)		RS1/16S104J
R	7085 (A,257,164)		RS1/16S104J
R	7086 (B,232,205)		RS1/16S224J
R	7101 (A,229,218)		RS1/16S472J
R	7102 (A,229,219)		RS1/16S472J
R	7103 (A,226,212)		RS1/16S0R0J
R	7104 (A,224,212)		RS1/16S391J
R	7105 (A,220,215)		RS1/16S101J
R	7106 (B,221,201)		RS1/16S221J
R	7107 (B,221,195)		RS1/16S221J
R	7108 (B,221,197)		RS1/16S221J
R	7109 (A,226,194)		RS1/16S101J
R	7201 (B,153,171)		RS1/16S473J
R	7202 (B,153,177)		RS1/16S473J
R	7203 (B,182,167)		RS1/16S331J
R	7204 (B,182,172)		RS1/16S331J
R	7205 (B,268,223)		RS1/16S104J
R	7206 (B,283,223)		RS1/16S104J
R	7207 (B,153,168)		RS1/16S750J
R	7208 (B,161,168)		RS1/16S101J
R	7209 (A,162,162)		RS1/16S101J
R	7210 (B,163,153)		RS1/16S0R0J
R	7212 (A,179,162)		RS1/16S514J
R	7213 (A,179,164)		RS1/16S393J
R	7214 (A,176,170)		RS1/16S0R0J
R	7215 (A,172,178)		RS1/16S103J
R	7216 (A,174,170)		RS1/16S101J
R	7217 (B,139,165)		RS1/16S0R0J
R	7218 (B,139,171)		RS1/16S0R0J
R	7220 (B,279,213)		RS1/16S681J
R	7221 (A,278,209)		RS1/16S101J
R	7223 (A,270,234)		RS1/16S512J
R	7224 (A,283,233)		RS1/16S512J
R	7225 (A,268,231)		RS1/16S103J
R	7226 (A,285,230)		RS1/16S103J
R	7227 (A,269,231)		RS1/16S103J
R	7228 (A,282,231)		RS1/16S103J
R	7229 (A,270,229)		RS1/16S101J
R	7230 (A,283,229)		RS1/16S101J
R	7231 (B,268,229)		RS1/16S0R0J
R	7232 (B,282,229)		RS1/16S0R0J
R	7233 (A,266,233)		RS1/16S0R0J
R	7234 (A,285,234)		RS1/16S0R0J
R	7239 (A,145,181)		RS1/16S0R0J
R	7240 (B,137,165)		RS1/16S0R0J
R	7301 (A,158,151)		RS1/16S104J
R	7302 (A,158,156)		RS1/16S104J
R	7303 (A,160,149)		RS1/16S331J
R	7304 (A,160,156)		RS1/16S331J
R	7305 (B,261,222)		RS1/16S104J
R	7306 (B,261,228)		RS1/16S104J
R	7307 (A,236,223)		RS1/16S0R0J
R	7308 (A,236,228)		RS1/16S0R0J
R	7309 (B,244,218)		RS1/16S0R0J
R	7310 (B,244,232)		RS1/16S0R0J
R	7312 (A,146,158)		RS1/16S0R0J
R	7314 (A,146,152)		RS1/16S0R0J
R	7315 (A,146,156)		RS1/16S0R0J

CAPACITORS

C	7001 (B,241,174)		CKSRYB103K50
C	7002 (A,253,172)		CKSRYB104K16
C	7003 (A,252,200)		CKSRYB104K16
C	7004 (A,238,185)		CKSRYB104K16
C	7005 (A,263,151)		CEAT101M10
C	7006 (A,238,207)		CKSRYB104K16
C	7007 (A,230,165)		CKSRYB104K16
C	7008 (A,260,212)		CKSRYB104K16
C	7009 (A,240,165)		CKSRYB104K16
C	7010 (A,249,164)		CKSRYB104K16
C	7011 (A,226,184)		CKSRYB104K16
C	7012 (B,147,149)		CKSRYB104K16
C	7101 (A,225,199)		CKSRYB104K16
C	7102 (A,223,218)		CEAT101M16
C	7203 (B,184,167)		CCSRCH101J50
C	7204 (B,184,172)		CCSRCH101J50
C	7205 (A,185,162)		CEAT4R7M50
C	7206 (A,185,176)		CEAT4R7M50
C	7207 (A,191,166)		CEAT4R7M50
C	7208 (A,191,172)		CEAT4R7M50
C	7209 (A,271,225)		CEAT100M50
C	7210 (A,282,225)		CEAT100M50
C	7211 (A,204,169)		CEAT100M50
C	7212 (A,197,176)	ELECT. CAPACITOR	CEAT220M25
C	7213 (A,198,173)		CKSRYB104K25
C	7214 (A,168,168)		CEAT4R7M50
C	7215 (A,168,162)		CEAT4R7M50
C	7217 (A,173,159)		CKSRYB104K16
C	7219 (B,139,177)		CKSRYB103K25
C	7221 (A,167,175)		CEAT101M16
C	7222 (B,172,176)		CKSRYB103K25
C	7223 (A,161,178)		CEAT101M16
C	7225 (A,229,192)		CKSRYB104K16
C	7227 (A,281,205)	ELECT. CAPACITOR	CEAT470M25
C	7228 (A,275,213)		CEAT101M16
C	7229 (A,277,227)		CKSRYB104K25
C	7230 (A,275,221)	ELECT. CAPACITOR	CEAT220M25
C	7303 (A,163,150)		CCSRCH101J50
C	7304 (A,162,153)		CCSRCH101J50
C	7309 (A,258,218)		CEAT100M50
C	7310 (A,258,232)		CEAT100M50
C	7315 (A,149,148)		CKSRYB103K25

O MAIN DIGITAL ASSY

MISCELLANEOUS

IC	101 (A,277,44)	CPU	PEG291A8
IC	102 (A,299,48)	FLASH ROM	AYW7217
IC	103 (A,245,45)	PORT EXPANDER IC	BU4094BCFV
IC	104 (A,233,45)	PORT EXPANDER IC	BU4094BCFV
IC	105 (A,205,39)	PORT EXPANDER IC	BU4094BCFV

Mark	No.		Description	Part No.
	IC	106	(A,243,26) PORT EXPANDER IC	BU4094BCFV
	IC	107	(A,233,26) PORT EXPANDER IC	BU4094BCFV
	IC	108	(A,254,19) IC	TC74VHC125FTS1
A	IC	109	(A,267,72) IC	TC74VHC125FTS1
	IC	110	(A,220,45) IC	TC74VHC04FTS1
	IC	111	(A,286,19) IC	TC74VHC125FTS1
	IC	112	(A,296,19) IC	TC74VHC02FTS1
	IC	113	(A,307,19) IC	TC74VHC125FTS1
	IC	114	(A,275,19) IC	TC74VHC08FTS1
	IC	115	(A,265,19) IC	TC74VHC08FTS1
	IC	116	(A,315,19) IC	TC74VHC00FTS1
	IC	117	(A,184,17) REGULATOR IC	NJM2880U1-33
	IC	118	(A,186,24) REGULATOR IC	NJM2872BF33
B	IC	119	(A,306,32) IC	TC74VHC125FTS1
	IC	120	(A,219,24) PORT EXPANDER IC	BU4094BCFV
	IC	201	(A,33,88) IC	TC7WU04FU
	IC	202	(A,33,79) IC	TC7WU04FU
	IC	203	(A,33,65) IC	TC7WU04FU
	IC	204	(A,33,57) IC	TC7WU04FU
	IC	205	(A,43,72) LOGIC IC	SN74HC151PW
	IC	206	(A,44,62) LOGIC IC	SN74HC151PW
	IC	207	(A,44,52) LOGIC IC	SN74HC151PW
	IC	208	(A,189,60) DA I/F TRANSCEIVER	AK4115VQ
	IC	209	(A,193,23) REGURATOR IC	AHK432IGY-0.5
C	IC	210	(A,31,22) REGULATOR IC	NJM2880U1-33
	IC	211	(B,169,79) IC	NJM2885DL1-33
	IC	212	(A,46,80) LOAD SWITCHING	AAT4618IGV-0.5-1
	IC	213	(A,41,27) IC	TC7WH125FU
	IC	214	(A,175,43) IC	TC74VHC125FTS1
	IC	301	(A,55,110) XM/DT IC	BU9450KV
	IC	302	(A,36,115) LOAD SWITCHING	AAT4618IGV-0.5-1
	IC	303	(A,75,109) REGULATOR IC	NJM2872BF33
	IC	331	(A,178,83) IC	TC74LCX125FTS1
	IC	332	(A,189,84) IC	TC74LCX157FTS1
	IC	333	(A,201,86) IC	TC74VHC126FTS1
D	IC	334	(A,164,107) LOGIC IC	TC74VHC153FT
	IC	335	(A,173,107) LOGIC IC	TC74VHC153FT
	IC	336	(A,184,107) LOGIC IC	TC74VHC153FT
	IC	337	(A,195,107) LOGIC IC	TC74VHC153FT
	IC	338	(A,233,89) IC	TC74VHC08FTS1
	IC	339	(A,233,76) IC	TC74LCX157FTS1
	IC	340	(A,233,62) IC	TC74VHC08FTS1
	IC	341	(A,209,109) IC	TC74LCX157FTS1
	IC	342	(A,308,101) IC	TC74LCX157FTS1
	IC	343	(A,308,86) IC	TC74LCX157FTS1
E	IC	344	(A,294,86) IC	TC74LCX157FTS1
	IC	345	(A,281,71) IC	TC74LCX157FTS1
	IC	346	(A,294,68) IC	TC74LCX157FTS1
	IC	347	(A,295,101) IC	TC74LCX125FTS1
	IC	501	(A,42,43) IC	TC7SZ125FU
	IC	502	(A,245,79) DA I/F TRANSCEIVER	AK4114VQ
	IC	506	(A,250,106) IC	TC7WH125FU
	IC	507	(A,276,86) IC	TC74LCX157FTS1
	IC	508	(A,272,101) IC	TC74VHC08FTS1
	IC	509	(A,283,100) IC	TC74VHC08FTS1
	IC	510	(A,262,105) IC	TC74VHC08FTS1
F	IC	511	(A,241,107) IC	TC74LCX157FTS1
	IC	512	(A,184,96) IC	TC7SH08FUS1
	IC	581	(A,59,30) OP-AMP IC	BA4560RF
	IC	582	(A,59,59) AD CONVERTER IC	AK5358AET
	IC	601	(A,79,36) IC	NJM2068MD
	IC	602	(A,79,44) IC	NJM2068MD
	IC	603	(A,79,24) OP-AMP IC	UPC4570G2-A
	IC	651	(A,79,75) AD CONVERTER IC	AK5385BVF
	IC	701	(A,103,36) IC	NJM2068MD
	IC	702	(A,103,44) IC	NJM2068MD
	IC	703	(A,103,24) OP-AMP IC	UPC4570G2-A
	IC	751	(A,103,75) AD CONVERTER IC	AK5385BVF
	IC	801	(A,127,36) IC	NJM2068MD
	IC	802	(A,127,44) IC	NJM2068MD
	IC	803	(A,127,24) OP-AMP IC	UPC4570G2-A
	IC	851	(A,127,75) AD CONVERTER IC	AK5385BVF
	IC	901	(A,151,36) IC	NJM2068MD
	IC	902	(A,151,44) IC	NJM2068MD
	IC	903	(A,151,24) OP-AMP IC	UPC4570G2-A
	IC	951	(A,151,75) AD CONVERTER IC	AK5385BVF
	IC	971	(A,62,87) IC	NJM2391DL1-33
	Q	601	(A,79,29) TRANSISTOR	IMX25
	Q	701	(A,103,29) TRANSISTOR	IMX25
	Q	801	(A,127,29) TRANSISTOR	IMX25
	Q	901	(A,151,29) TRANSISTOR	IMX25
	Q	971	(A,139,14) TRANSISTOR	RT3T22M
	D	101	(A,295,28) CHIP DIODE	RB501V-40
	D	102	(A,180,22) CHIP DIODE	RB501V-40
	D	300	(B,320,74) CHIP DIODE	RB050L-40
	D	301	(A,28,115) DIODE	UDZS5R6(B)
	D	302	(A,30,115) DIODE	UDZS5R6(B)
	D	581	(B,62,57) DIODE	DAN217
	D	582	(B,56,57) DIODE	DAN217
	D	601	(B,82,76) DIODE	MC2848-11
	D	602	(B,75,76) DIODE	MC2848-11
	D	603	(B,82,72) DIODE	MC2846-11
	D	604	(B,75,72) DIODE	MC2846-11
	D	701	(B,106,76) DIODE	MC2848-11
	D	702	(B,99,76) DIODE	MC2848-11
	D	703	(B,106,72) DIODE	MC2846-11
	D	704	(B,99,72) DIODE	MC2846-11
	D	801	(B,130,76) DIODE	MC2848-11
	D	802	(B,123,76) DIODE	MC2848-11
	D	803	(B,130,72) DIODE	MC2846-11
	D	804	(B,123,72) DIODE	MC2846-11
	D	901	(B,154,76) DIODE	MC2848-11
	D	902	(B,147,76) DIODE	MC2848-11
	D	903	(B,154,72) DIODE	MC2846-11
	D	904	(B,147,72) DIODE	MC2846-11
	L	101	(A,188,29) CHIP SOLID INDUCTOR	QTL1013
	L	102	(A,178,23) CHIP SOLID INDUCTOR	QTL1013
	L	201	(A,30,90) CHIP SOLID INDUCTOR	QTL1013
	L	202	(A,30,82) CHIP SOLID INDUCTOR	QTL1013
	L	203	(A,30,68) CHIP SOLID INDUCTOR	QTL1013
	L	204	(A,30,59) CHIP SOLID INDUCTOR	QTL1013
	L	205	(A,46,76) CHIP SOLID INDUCTOR	QTL1013
	L	206	(A,46,66) CHIP SOLID INDUCTOR	QTL1013
	L	207	(A,46,56) CHIP SOLID INDUCTOR	QTL1013
	L	208	(A,27,23) CHIP SOLID INDUCTOR	QTL1013
	L	209	(B,177,63) CHIP SOLID INDUCTOR	QTL1013
	L	210	(A,174,58) CHIP SOLID INDUCTOR	QTL1013
	L	211	(A,193,39) CHIP SOLID INDUCTOR	QTL1013
	L	212	(B,315,98) CHIP SOLID INDUCTOR	QTL1013

Mark	No.	Description	Part No.
L	213	(A,45,30) CHIP SOLID INDUCTOR	QTL1013
L	214	(A,169,41) CHIP SOLID INDUCTOR	QTL1013
L	301	(A,67,103) CHIP SOLID INDUCTOR	QTL1013
L	302	(A,33,119) CHIP SOLID INDUCTOR	ATL7002
L	331	(A,173,85) CHIP SOLID INDUCTOR	QTL1013
L	332	(A,185,89) CHIP SOLID INDUCTOR	QTL1013
L	333	(A,198,92) CHIP SOLID INDUCTOR	QTL1013
L	334	(A,160,111) CHIP SOLID INDUCTOR	QTL1013
L	335	(A,170,112) CHIP SOLID INDUCTOR	QTL1013
L	336	(A,181,112) CHIP SOLID INDUCTOR	QTL1013
L	337	(A,191,112) CHIP SOLID INDUCTOR	QTL1013
L	338	(A,229,91) CHIP SOLID INDUCTOR	QTL1013
L	339	(A,229,79) CHIP SOLID INDUCTOR	QTL1013
L	340	(A,229,65) CHIP SOLID INDUCTOR	QTL1013
L	341	(A,204,112) CHIP SOLID INDUCTOR	QTL1013
L	342	(A,303,103) CHIP SOLID INDUCTOR	QTL1013
L	343	(A,303,88) CHIP SOLID INDUCTOR	QTL1013
L	344	(A,289,88) CHIP SOLID INDUCTOR	QTL1013
L	345	(A,276,74) CHIP SOLID INDUCTOR	QTL1013
L	346	(A,289,70) CHIP SOLID INDUCTOR	QTL1013
L	347	(A,290,103) CHIP SOLID INDUCTOR	QTL1013
L	501	(A,38,42) CHIP SOLID INDUCTOR	QTL1013
L	502	(A,43,39) COIL	PTL1003
L	503	(A,32,39) COIL	PTL1017
L	504	(A,240,70) CHIP SOLID INDUCTOR	QTL1013
L	505	(A,246,69) CHIP SOLID INDUCTOR	QTL1013
L	508	(A,236,112) CHIP SOLID INDUCTOR	QTL1013
L	509	(A,246,109) CHIP SOLID INDUCTOR	QTL1013
L	510	(A,271,90) CHIP SOLID INDUCTOR	QTL1013
L	511	(A,267,103) CHIP SOLID INDUCTOR	QTL1013
L	512	(A,278,103) CHIP SOLID INDUCTOR	QTL1013
L	513	(A,256,109) CHIP SOLID INDUCTOR	QTL1013
L	514	(A,180,95) CHIP SOLID INDUCTOR	QTL1013
L	581	(A,54,56) CHIP SOLID INDUCTOR	QTL1013
L	582	(A,64,56) CHIP SOLID INDUCTOR	QTL1013
L	651	(A,89,83) CHIP SOLID INDUCTOR	QTL1013
L	652	(A,68,83) CHIP SOLID INDUCTOR	QTL1013
L	751	(A,113,83) CHIP SOLID INDUCTOR	QTL1013
L	752	(A,92,83) CHIP SOLID INDUCTOR	QTL1013
L	851	(A,137,83) CHIP SOLID INDUCTOR	QTL1013
L	852	(A,116,83) CHIP SOLID INDUCTOR	QTL1013
L	951	(A,161,83) CHIP SOLID INDUCTOR	QTL1013
L	952	(A,140,83) CHIP SOLID INDUCTOR	QTL1013
L	971	(A,57,81) CHIP SOLID INDUCTOR	ATL7002
F	501	(B,26,43) CHIP MAGNET CORE	DTF1068
F	502	(B,23,43) INDUCTOR	CTF1661
J	105	(A,39,88) 3P HOUSING ASSY	ADX7559
J	973	(A,65,69) 2P HOUSING ASSY	ADX7591
JA	201	(A,13,94) JACK	AKB7148
JA	202	(A,13,66) JACK	AKB7148
JA	203	(A,13,29) OPT. LINK OUT	AKS7006
JA	204	(A,13,15) OPT. LINK OUT	AKS7006
JA	300	(A,13,115) 4P SOCKET	AKP7201
JA	501	(A,13,45) 1P PIN JACK	AKB7191
X	101	(A,264,44) CERAMIC RESONATOR	ASS7087
X	201	(A,179,36) CRYSTAL OSCILLATOR	ASS7072
X	301	(A,66,108) CRYSTAL RESONATOR	ASS7065
CN	101	(A,230,10) PLUG	CKS1759
CN	102	(A,197,10) PLUG	CKS1764
CN	103	(A,153,10) CONNECTOR	CKS1752
CN	104	(A,323,120) CONNECTOR	CKS1755
CN	201	(A,30,10) PLUG	CKS1761
CN	301	(A,215,57) 26P PLUG	AKM7054
CN	302	(A,316,38) 26P PLUG	AKM7054
CN	303	(A,114,114) PLUG	CKS3542
CN	304	(A,149,114) PLUG	CKS3539
CN	305	(A,303,120) PLUG	CKS1764
CN	306	(A,269,120) PLUG	CKS1764
CN	307	(A,319,103) L-PLUG(3P)	KM200NA3L
CN	308	(A,234,120) PLUG	CKS1750
CN	971	(A,85,10) PLUG	CKS1764
CN	972	(A,56,10) PLUG	CKS1764
JP	101	(A,43,95) JUMPER WIRE 130(1.6)	ADB7035

RESISTORS

R	91		RS1/16S0R0J
R	92		RS1/16S0R0J
R	93		RS1/16S0R0J
R	102	(B,274,48)	RS1/16S472J
R	103	(A,261,54)	RAB4C101J
R	104	(B,264,49)	RS1/16S473J
R	105	(A,261,50)	RAB4C101J
R	106	(B,266,49)	RS1/16S104J
R	107	(B,272,48)	RS1/16S101J
R	109	(A,265,48)	RS1/16S101J
R	110	(B,274,45)	RS1/16S101J
R	111	(B,279,45)	RS1/16S473J
R	112	(B,266,40)	RS1/16S101J
R	113	(B,276,40)	RS1/16S473J
R	114	(B,269,40)	RS1/16S101J
R	115	(B,274,40)	RS1/16S224J
R	116	(A,262,28)	RS1/16S104J
R	117	(A,260,43)	RAB4C101J
R	118	(B,260,42)	RS1/16S104J
R	119	(B,258,42)	RS1/16S473J
R	120	(A,262,35)	RAB4C101J
R	121	(B,255,15)	RS1/16S224J
R	123	(B,274,37)	RS1/16S182J
R	125	(A,265,32)	RS1/16S101J
R	126	(A,263,28)	RS1/16S101J
R	127	(A,267,28)	RAB4C101J
R	128	(B,279,40)	RS1/16S473J
R	129	(A,272,28)	RS1/16S473J
R	131	(A,277,27)	RAB4C101J
R	132	(B,288,38)	RS1/16S473J
R	133	(A,282,27)	RAB4C101J
R	134	(A,287,29)	RS1/16S101J
R	135	(A,289,29)	RS1/16S101J
R	136	(B,286,42)	RS1/16S101J
R	137	(B,293,47)	RS1/16S473J
R	138	(B,290,47)	RS1/16S101J
R	139	(B,287,47)	RS1/16S101J
R	140	(B,285,47)	RS1/16S101J
R	141	(B,293,42)	RS1/16S101J
R	142	(A,277,60)	RAB4C101J
R	143	(B,278,56)	RS1/16S473J
R	144	(A,271,60)	RAB4C101J
R	145	(B,276,56)	RS1/16S473J

Mark	No.	Description	Part No.
R	146	(A,267,60)	RAB4C101J
R	147	(B,273,56)	RS1/16S473J
R	148	(B,281,56)	RS1/16S101J
R	149	(B,284,52)	RS1/16S473J
R	150	(B,271,56)	RS1/16S224J
R	151	(A,250,24)	RS1/16S224J
R	152	(B,283,42)	RS1/16S473J
R	154	(B,297,48)	RS1/16S473J
R	155	(A,243,38)	RAB4C473J
R	156	(A,245,52)	RAB4C473J
R	157	(A,232,38)	RAB4C473J
R	158	(A,233,52)	RAB4C473J
R	159	(A,211,37)	RAB4C473J
R	160	(A,211,42)	RAB4C473J
R	161	(A,227,20)	RS1/16S474J
R	162	(A,243,34)	RAB4C473J
R	163	(A,233,20)	RAB4C473J
R	164	(A,231,34)	RAB4C473J
R	165	(A,252,13)	RS1/16S224J
R	166	(A,256,25)	RS1/16S224J
R	167	(A,253,25)	RS1/16S474J
R	168	(A,253,13)	RS1/16S104J
R	169	(A,256,13)	RS1/16S104J
R	170	(A,255,25)	RS1/16S104J
R	171	(A,220,52)	RS1/16S104J
R	172	(A,272,67)	RS1/16S224J
R	173	(A,267,67)	RS1/16S104J
R	174	(A,293,13)	RS1/16S104J
R	175	(A,295,13)	RS1/16S104J
R	176	(A,297,13)	RS1/16S104J
R	177	(A,300,13)	RS1/16S104J
R	178	(A,263,24)	RS1/16S104J
R	179	(A,265,13)	RS1/16S104J
R	180	(B,273,17)	RS1/16S104J
R	181	(B,276,17)	RS1/16S104J
R	182	(B,278,15)	RS1/16S104J
R	183	(A,275,13)	RS1/16S104J
R	184	(A,263,13)	RS1/16S104J
R	185	(B,260,15)	RS1/16S104J
R	186	(B,287,52)	RS1/16S101J
R	188	(B,281,48)	RS1/16S473J
R	189	(B,269,56)	RS1/16S101J
R	191	(A,273,13)	RS1/16S104J
R	192	(A,261,14)	RS1/16S104J
R	194	(A,212,24)	RS1/16S0R0J
R	195	(A,308,38)	RS1/16S104J
R	196	(A,297,27)	RS1/16S104J
R	197	(A,222,17)	RS1/16S473J
R	198	(A,218,32)	RAB4C473J
R	199	(A,207,31)	RAB4C473J
R	200	(A,220,17)	RS1/16S473J
R	201	(B,29,102)	RS1/16S750J
R	202	(B,24,86)	RS1/16S750J
R	203	(B,24,72)	RS1/16S750J
R	204	(B,25,58)	RS1/16S750J
R	205	(B,29,88)	RS1/16S473J
R	206	(B,27,82)	RS1/16S473J
R	207	(B,29,66)	RS1/16S473J
R	208	(B,28,54)	RS1/16S473J
R	209	(B,31,88)	RS1/16S222J
R	210	(B,31,79)	RS1/16S222J
R	211	(B,31,66)	RS1/16S222J
R	212	(B,31,56)	RS1/16S222J
R	213	(A,35,84)	RS1/16S471J
R	214	(A,35,75)	RS1/16S471J
R	215	(A,35,61)	RS1/16S471J
R	216	(A,36,54)	RS1/16S471J
R	217	(A,35,90)	RS1/16S101J
R	218	(A,36,81)	RS1/16S101J
R	219	(A,36,68)	RS1/16S101J
R	220	(A,36,58)	RS1/16S101J
R	221	(B,46,70)	RS1/16S220J
R	222	(B,44,70)	RS1/16S220J
R	223	(A,39,68)	RS1/16S101J
R	224	(B,44,60)	RS1/16S220J
R	225	(B,44,66)	RS1/16S220J
R	226	(A,37,61)	RS1/16S101J
R	227	(B,44,50)	RS1/16S220J
R	228	(B,44,56)	RS1/16S220J
R	229	(B,35,52)	RS1/16S101J
R	230	(A,37,27)	RS1/16S101J
R	231	(A,46,28)	RS1/16S220J
R	232	(A,46,26)	RS1/16S101J
R	233	(A,37,26)	RS1/16S220J
R	234	(A,44,84)	RS1/16S104J
R	235		RS1/16S0R0J
R	240	(A,64,116)	RS1/16S104J
R	241	(A,64,114)	RS1/16S104J
R	242	(B,315,106)	RS1/16S104J
R	243	(B,181,55)	RS1/16S104J
R	244	(A,182,51)	RS1/16S104J
R	245	(B,187,54)	RS1/16S104J
R	246	(A,180,67)	RS1/16S104J
R	247	(A,180,65)	RS1/16S104J
R	248	(A,180,64)	RS1/16S104J
R	250	(A,197,82)	RS1/16S104J
R	251	(A,194,68)	RS1/16S220J
R	252	(B,194,69)	RS1/16S220J
R	253	(A,194,71)	RS1/16S221J
R	254	(B,191,69)	RS1/16S220J
R	255	(B,188,69)	RS1/16S101J
R	256	(A,189,69)	RS1/16S101J
R	257	(A,184,70)	RS1/16S470J
R	258	(A,183,70)	RS1/16S470J
R	259	(A,181,70)	RS1/16S470J
R	260	(B,182,62)	RS1/16S470J
R	261	(B,182,60)	RS1/16S470J
R	262	(A,181,54)	RS1/16S101J
R	263	(A,184,51)	RS1/16S470J
R	264	(B,188,54)	RS1/16S101J
R	265	(B,194,54)	RS1/16S101J
R	266	(A,187,49)	RAB4C221J
R	268	(A,199,58)	RS1/16S1002F
R	269	(B,194,59)	RS1/16S220J
R	270	(B,202,61)	RS1/16S220J
R	271	(B,196,63)	RS1/16S220J
R	272	(B,194,65)	RS1/16S220J
R	273	(B,197,67)	RS1/16S220J

Mark	No.		Description	Part No.
R	274	(A,202,50)		RS1/16S0R0J
R	275	(B,48,21)		RS1/16S104J
R	276	(B,45,21)		RS1/16S104J
R	277	(B,43,21)		RS1/16S104J
R	278	(B,40,21)		RS1/16S104J
R	279	(B,50,21)		RS1/16S104J
R	280	(A,193,28)		RN1/16SE6801D
R	281	(A,196,27)		RN1/16SE3901D
R	282	(A,196,24)		RN1/16SE2200D
R	283	(A,196,36)	CARBON FILM RESISTOR	RD1/4MUF221J
R	284	(A,175,37)		RS1/16S151J
R	285	(A,182,44)		RS1/16S220J
R	286	(A,176,48)		RS1/16S101J
R	287	(A,176,47)		RS1/16S101J
R	288	(A,180,44)		RS1/16S104J
R	289	(A,173,37)		RS1/16S151J
R	290	(A,176,50)		RS1/16S104J
R	292	(A,54,117)		RS1/16S104J
R	293	(A,49,117)		RS1/16S0R0J
R	295	(A,64,117)		RS1/16S101J
R	297	(B,65,113)		RS1/16S101J
R	298	(B,53,113)		RS1/16S104J
R	300	(A,41,119)		RS1/16S104J
R	303	(B,36,112)		RS1/16S101J
R	304	(B,36,116)		RS1/16S101J
R	305	(B,38,112)		RS1/16S102J
R	306	(B,38,116)		RS1/16S102J
R	307	(A,63,104)		RS1/16S681J
R	308	(A,62,106)		RS1/16S0R0J
R	309	(A,62,109)		RS1/16S105J
R	310	(A,56,117)		RAB4C470J
R	311	(A,52,117)		RS1/16S104J
R	312	(A,51,117)		RS1/16S104J
R	313	(A,47,111)		RAB4C101J
R	314	(B,52,117)		RS1/16S104J
R	315	(B,48,116)		RS1/16S104J
R	317	(B,50,113)		RS1/16S104J
R	319	(A,47,114)		RS1/16S104J
R	320	(A,47,107)		RS1/16S101J
R	321	(A,48,106)		RS1/16S101J
R	322	(A,49,104)		RS1/16S101J
R	323	(B,182,80)		RS1/16S0R0J
R	324	(B,182,85)		RS1/16S470J
R	325	(A,41,114)		RS1/16S101J
R	326	(A,41,116)		RS1/16S101J
R	328	(A,176,77)		RS1/16S104J
R	329	(A,180,90)		RS1/16S104J
R	330	(A,176,90)		RS1/16S104J
R	331	(A,180,92)		RS1/16S470J
R	332	(A,175,90)		RS1/16S101J
R	333	(A,177,77)		RS1/16S470J
R	334	(A,180,89)		RS1/16S101J
R	335	(A,178,90)		RS1/16S101J
R	336	(A,185,78)		RS1/16S101J
R	337	(A,187,78)		RS1/16S101J
R	338	(A,188,78)		RS1/16S470J
R	339	(A,190,78)		RS1/16S470J
R	340	(A,191,78)		RS1/16S101J
R	341	(A,193,78)		RS1/16S101J
R	342	(A,191,90)		RS1/16S470J
R	343	(A,188,91)		RS1/16S470J
R	344	(A,198,80)		RS1/16S101J
R	345	(A,200,80)		RS1/16S470J
R	346	(A,201,80)		RS1/16S101J
R	347	(A,203,80)		RS1/16S151J
R	348	(A,202,93)		RS1/16S470J
R	349	(A,201,93)		RS1/16S470J
R	350	(A,163,101)		RS1/16S0R0J
R	351	(A,162,101)		RS1/16S0R0J
R	352	(A,166,101)		RS1/16S470J
R	353	(A,164,113)		RS1/16S0R0J
R	354	(A,163,113)		RS1/16S0R0J
R	355	(A,166,113)		RS1/16S470J
R	356	(A,171,101)		RS1/16S0R0J
R	357	(A,171,102)		RS1/16S0R0J
R	358	(A,175,101)		RS1/16S470J
R	359	(A,174,114)		RS1/16S0R0J
R	360	(A,172,114)		RS1/16S0R0J
R	361	(A,175,114)		RS1/16S470J
R	362	(A,185,101)		RS1/16S470J
R	363	(A,181,100)		RS1/16S101J
R	364	(A,181,102)		RS1/16S101J
R	365	(A,187,101)		RS1/16S470J
R	366	(A,184,113)		RS1/16S0R0J
R	367	(A,186,113)		RS1/16S470J
R	368	(A,194,101)		RS1/16S0R0J
R	369	(A,193,101)		RS1/16S0R0J
R	370	(A,196,101)		RS1/16S470J
R	371	(A,196,114)		RS1/16S101J
R	372	(A,195,114)		RS1/16S101J
R	373	(A,193,114)		RS1/16S101J
R	374	(A,198,114)		RS1/16S470J
R	375	(A,234,81)		RS1/16S470J
R	376	(A,234,83)		RS1/16S470J
R	377	(A,234,95)		RS1/16S470J
R	378	(A,232,94)		RS1/16S470J
R	379	(A,231,71)		RS1/16S470J
R	380	(B,226,77)		RS1/16S470J
R	381	(A,235,68)		RS1/16S470J
R	382	(A,231,82)		RS1/16S470J
R	383	(A,229,58)		RS1/16S470J
R	384	(A,232,68)		RS1/16S181J
R	385	(A,229,55)		RS1/16S101J
R	386	(A,238,60)		RS1/16S470J
R	387	(A,237,65)		RS1/16S470J
R	388	(A,233,68)		RS1/16S470J
R	389	(A,209,103)		RS1/16S470J
R	390	(A,205,105)		RS1/16S181J
R	391	(A,210,99)		RS1/16S101J
R	392	(A,209,116)		RS1/16S470J
R	393	(A,208,99)		RS1/16S101J
R	394	(A,210,116)		RS1/16S470J
R	395	(B,306,97)		RS1/16S0R0J
R	396	(A,308,96)		RS1/16S101J
R	397	(B,308,97)		RS1/16S0R0J
R	398	(A,311,96)		RS1/16S101J
R	399	(B,310,103)		RS1/16S0R0J
R	400	(A,311,108)		RS1/16S101J
R	401	(B,307,103)		RS1/16S0R0J

Mark	No.		Description	Part No.
R	402	(A,308,108)		RS1/16S101J
R	403	(A,305,80)		RS1/16S221J
R	404	(A,306,80)		RS1/16S101J
R	405	(A,308,80)		RS1/16S101J
R	406	(A,309,80)		RS1/16S470J
R	407	(A,311,80)		RS1/16S101J
R	408	(A,309,92)		RS1/16S0R0J
R	409	(A,312,92)		RS1/16S470J
R	410	(A,306,92)		RS1/16S0R0J
R	411	(A,308,92)		RS1/16S101J
R	412	(B,288,80)		RS1/16S0R0J
R	413	(A,292,80)		RS1/16S470J
R	414	(A,294,80)		RS1/16S221J
R	415	(A,295,80)		RS1/16S101J
R	416	(A,297,80)		RS1/16S470J
R	417	(B,295,88)		RS1/16S0R0J
R	418	(A,295,92)		RS1/16S101J
R	419	(B,293,88)		RS1/16S0R0J
R	420	(A,293,92)		RS1/16S101J
R	421	(A,278,65)		RS1/16S0R0J
R	422	(B,277,70)		RS1/16S0R0J
R	423	(A,280,65)		RS1/16S151J
R	424	(A,281,65)		RS1/16S0R0J
R	425	(B,284,68)		RS1/16S0R0J
R	426	(A,285,69)		RS1/16S151J
R	427	(A,283,78)		RS1/16S0R0J
R	428	(B,283,75)		RS1/16S0R0J
R	429	(A,284,78)		RS1/16S151J
R	430	(A,280,78)		RS1/16S0R0J
R	431	(B,279,70)		RS1/16S0R0J
R	432	(A,281,78)		RS1/16S151J
R	433	(B,292,72)		RS1/16S0R0J
R	434	(B,290,65)		RS1/16S0R0J
R	435	(A,293,62)		RS1/16S151J
R	436	(A,296,63)		RS1/16S101J
R	437	(A,298,64)		RS1/16S151J
R	438	(B,294,72)		RS1/16S0R0J
R	439	(A,298,74)		RS1/16S151J
R	440	(A,292,75)		RS1/16S101J
R	441	(A,294,74)		RS1/16S101J
R	442	(A,296,74)		RS1/16S220J
R	443	(B,291,97)		RS1/16S0R0J
R	444	(B,294,97)		RS1/16S0R0J
R	445	(B,290,102)		RS1/16S0R0J
R	446	(B,292,102)		RS1/16S0R0J
R	447	(A,296,95)		RS1/16S151J
R	448	(A,293,95)		RS1/16S151J
R	449	(A,297,108)		RS1/16S151J
R	450	(A,295,108)		RS1/16S151J
R	451	(A,112,108)		RS1/16S104J
R	452	(A,110,108)		RS1/16S104J
R	453	(A,108,108)		RS1/16S104J
R	454	(A,105,108)	RESISTOR ARRAY	RAB4C104J
R	455	(A,102,108)		RS1/16S104J
R	456	(A,98,108)		RS1/16S104J
R	457	(A,96,108)		RS1/16S104J
R	458	(A,94,108)		RS1/16S104J
R	459	(A,91,108)	RESISTOR ARRAY	RAB4C104J
R	460	(A,87,108)		RS1/16S104J
R	461	(A,83,108)		RS1/16S104J
R	462	(A,141,108)		RS1/16S104J
R	463	(A,138,108)	RESISTOR ARRAY	RAB4C104J
R	464	(A,133,108)	RESISTOR ARRAY	RAB4C104J
R	465	(A,129,108)		RS1/16S104J
R	466	(A,127,108)		RS1/16S104J
R	478	(A,206,103)		RS1/16S101J
R	480	(B,234,108)		RS1/16S0R0J
R	481	(A,236,103)		RS1/16S101J
R	490	(B,241,110)		RS1/16S0R0J
R	497	(A,211,103)		RS1/16S101J
R	501	(A,45,43)		RS1/16S470J
R	502	(B,42,43)		RS1/16S220J
R	503	(B,40,34)		RS1/16S750J
R	506	(B,240,83)		RS1/16S220J
R	507	(B,237,84)		RS1/16S220J
R	508	(B,240,79)		RS1/16S220J
R	509	(B,237,80)		RS1/16S220J
R	510	(A,245,71)		RS1/16S101J
R	511	(A,251,70)		RS1/16S101J
R	512	(A,251,72)		RS1/16S470J
R	513	(B,250,79)		RS1/16S470J
R	514	(B,250,83)		RS1/16S470J
R	515	(A,253,78)		RS1/16S221J
R	516	(A,253,82)		RAB4C221J
R	517	(A,253,85)		RS1/16S101J
R	518	(A,246,87)		RS1/16S1802F
R	519	(A,242,87)		RS1/16S220J
R	520	(A,240,87)		RS1/16S220J
R	524	(A,169,45)		RS1/16S101J
R	525	(A,172,48)		RS1/16S101J
R	535	(A,245,99)		RS1/16S101J
R	536	(A,241,95)		RS1/16S101J
R	537	(A,241,97)		RS1/16S101J
R	538	(A,237,100)		RS1/16S220J
R	539	(A,244,101)		RS1/16S470J
R	540	(A,239,113)		RS1/16S0R0J
R	541	(B,243,106)		RS1/16S470J
R	542	(B,241,106)		RS1/16S0R0J
R	543	(A,243,113)		RS1/16S470J
R	544	(A,248,101)		RS1/16S101J
R	545	(A,246,111)		RS1/16S101J
R	546	(A,249,111)		RS1/16S470J
R	547	(A,251,101)		RS1/16S470J
R	548	(A,275,80)		RS1/16S220J
R	549	(A,272,80)		RS1/16S220J
R	550	(A,274,80)		RS1/16S151J
R	551	(A,277,80)		RS1/16S220J
R	552	(A,278,80)		RS1/16S101J
R	553	(A,278,93)		RS1/16S470J
R	554	(A,274,93)		RS1/16S470J
R	555	(B,267,102)		RS1/16S0R0J
R	556	(A,273,96)		RS1/16S101J
R	557	(B,273,100)		RS1/16S0R0J
R	558	(A,269,107)		RS1/16S470J
R	559	(A,269,96)		RS1/16S220J
R	560	(A,276,96)		RS1/16S220J
R	561	(A,274,108)		RS1/16S220J
R	562	(A,272,108)		RS1/16S220J

Mark	No.	Description	Part No.
R	563	(B,282,96)	RS1/16S0R0J
R	564	(A,283,95)	RS1/16S101J
R	565	(B,284,102)	RS1/16S0R0J
R	566	(B,280,100)	RS1/16S470J
R	567	(A,283,94)	RS1/16S470J
R	568	(A,284,106)	RS1/16S470J
R	569	(A,259,100)	RS1/16S101J
R	570	(A,262,99)	RS1/16S101J
R	571	(B,262,104)	RS1/16S0R0J
R	572	(A,258,110)	RS1/16S0R0J
R	573	(A,259,98)	RS1/16S220J
R	574	(A,264,99)	RS1/16S220J
R	575	(A,265,110)	RS1/16S220J
R	576	(A,262,110)	RS1/16S220J
R	579	(A,250,87)	RS1/16S0R0J
R	580	(B,186,99)	RS1/16S101J
R	581	(B,62,27)	RS1/16S104J
R	582	(B,56,27)	RS1/16S104J
R	583	(B,62,31)	RS1/16S152J
R	584	(B,56,31)	RS1/16S152J
R	585	(B,62,33)	RS1/16S122J
R	586	(B,56,33)	RS1/16S122J
R	590	(B,61,50)	RS1/16S0R0J
R	591	(B,61,63)	RS1/16S101J
R	592	(B,55,64)	RS1/16S101J
R	593	(A,60,65)	RS1/16S470J
R	594	(A,59,65)	RS1/16S101J
R	595	(A,57,65)	RS1/16S101J
R	596	(A,252,76)	RS1/16S470J
R	600	(A,183,98)	RS1/16S470J
R	601	(B,84,28)	RS1/16S6801F
R	602	(B,74,28)	RS1/16S6801F
R	603	(B,82,28)	RS1/16S221J
R	604	(B,76,28)	RS1/16S221J
R	605	(B,82,31)	RS1/16S182J
R	606	(B,76,31)	RS1/16S182J
R	607	(A,82,29)	RS1/16S223J
R	608	(A,76,29)	RS1/16S223J
R	609	(B,81,24)	RS1/16S474J
R	610	(B,77,24)	RS1/16S474J
R	611	(B,86,34)	RS1/16S2701F
R	612	(B,72,34)	RS1/16S2701F
R	613	(A,86,36)	RS1/16S3901F
R	614	(A,72,36)	RS1/16S3901F
R	615	(A,85,39)	RS1/16S8200F
R	616	(A,72,39)	RS1/16S8200F
R	617	(A,86,41)	RS1/16S3901F
R	618	(A,72,41)	RS1/16S3901F
R	619	(A,86,45)	RS1/16S3901F
R	620	(A,72,45)	RS1/16S3901F
R	621	(A,81,66)	RS1/16S220J
R	622	(A,76,66)	RS1/16S220J
R	623	(A,83,66)	RS1/16S220J
R	624	(A,74,66)	RS1/16S220J
R	625	(B,86,58)	RS1/16S682J
R	626	(B,72,58)	RS1/16S682J
R	627	(B,88,58)	RS1/16S682J
R	628	(B,70,58)	RS1/16S682J
R	629	(B,80,65)	RS1/16S1002F
R	630	(B,77,65)	RS1/16S1002F
R	631	(B,84,65)	RS1/16S1002F
R	632	(B,73,65)	RS1/16S1002F
R	651	(B,69,76)	RS1/16S101J
R	652	(B,87,76)	RS1/16S101J
R	653	(A,80,82)	RS1/16S101J
R	654	(A,82,82)	RS1/16S221J
R	655	(A,76,82)	RS1/16S470J
R	656	(B,75,83)	RS1/16S101J
R	657	(A,77,82)	RS1/16S470J
R	658	(B,71,76)	RS1/16S101J
R	659	(B,80,48)	RS1/16S0R0J
R	660		RS1/16S0R0J
R	701	(B,108,28)	RS1/16S6801F
R	702	(B,98,28)	RS1/16S6801F
R	703	(B,106,28)	RS1/16S221J
R	704	(B,100,28)	RS1/16S221J
R	705	(B,106,31)	RS1/16S182J
R	706	(B,100,31)	RS1/16S182J
R	707	(A,106,29)	RS1/16S223J
R	708	(A,100,29)	RS1/16S223J
R	709	(B,105,24)	RS1/16S474J
R	710	(B,101,24)	RS1/16S474J
R	711	(B,110,34)	RS1/16S2701F
R	712	(B,96,34)	RS1/16S2701F
R	713	(A,110,36)	RS1/16S3901F
R	714	(A,96,36)	RS1/16S3901F
R	715	(A,109,39)	RS1/16S8200F
R	716	(A,96,39)	RS1/16S8200F
R	717	(A,110,41)	RS1/16S3901F
R	718	(A,96,41)	RS1/16S3901F
R	719	(A,110,45)	RS1/16S3901F
R	720	(A,96,45)	RS1/16S3901F
R	721	(A,105,66)	RS1/16S220J
R	722	(A,100,66)	RS1/16S220J
R	723	(A,107,66)	RS1/16S220J
R	724	(A,98,66)	RS1/16S220J
R	725	(B,110,58)	RS1/16S682J
R	726	(B,96,58)	RS1/16S682J
R	727	(B,112,58)	RS1/16S682J
R	728	(B,94,58)	RS1/16S682J
R	729	(B,104,65)	RS1/16S1002F
R	730	(B,101,65)	RS1/16S1002F
R	731	(B,108,65)	RS1/16S1002F
R	732	(B,97,65)	RS1/16S1002F
R	751	(B,93,76)	RS1/16S101J
R	752	(B,111,76)	RS1/16S101J
R	753	(A,104,82)	RS1/16S101J
R	754	(A,106,82)	RS1/16S221J
R	755	(A,100,82)	RS1/16S470J
R	756	(B,99,83)	RS1/16S101J
R	757	(A,101,82)	RS1/16S470J
R	758	(B,95,76)	RS1/16S101J
R	759	(B,104,48)	RS1/16S0R0J
R	760		RS1/16S0R0J
R	801	(B,132,28)	RS1/16S6801F
R	802	(B,122,28)	RS1/16S6801F
R	803	(B,130,28)	RS1/16S221J
R	804	(B,124,28)	RS1/16S221J

Mark	No.		Description	Part No.
R	805	(B,130,31)		RS1/16S182J
R	806	(B,124,31)		RS1/16S182J
R	807	(A,130,29)		RS1/16S223J
R	808	(A,124,29)		RS1/16S223J
R	809	(B,129,24)		RS1/16S474J
R	810	(B,125,24)		RS1/16S474J
R	811	(B,134,34)		RS1/16S2701F
R	812	(B,120,34)		RS1/16S2701F
R	813	(A,134,36)		RS1/16S3901F
R	814	(A,120,36)		RS1/16S3901F
R	815	(A,133,39)		RS1/16S8200F
R	816	(A,120,39)		RS1/16S8200F
R	817	(A,134,41)		RS1/16S3901F
R	818	(A,120,41)		RS1/16S3901F
R	819	(A,134,45)		RS1/16S3901F
R	820	(A,120,45)		RS1/16S3901F
R	821	(A,129,66)		RS1/16S220J
R	822	(A,124,66)		RS1/16S220J
R	823	(A,131,66)		RS1/16S220J
R	824	(A,122,66)		RS1/16S220J
R	825	(B,134,58)		RS1/16S682J
R	826	(B,120,58)		RS1/16S682J
R	827	(B,136,58)		RS1/16S682J
R	828	(B,118,58)		RS1/16S682J
R	829	(B,128,65)		RS1/16S1002F
R	830	(B,125,65)		RS1/16S1002F
R	831	(B,132,65)		RS1/16S1002F
R	832	(B,121,65)		RS1/16S1002F
R	851	(B,117,76)		RS1/16S101J
R	852	(B,135,76)		RS1/16S101J
R	853	(A,128,82)		RS1/16S101J
R	854	(A,130,82)		RS1/16S221J
R	855	(A,124,82)		RS1/16S470J
R	856	(B,123,83)		RS1/16S101J
R	857	(A,125,82)		RS1/16S470J
R	858	(B,119,76)		RS1/16S101J
R	859	(B,128,48)		RS1/16S0R0J
R	860			RS1/16S0R0J
R	901	(B,156,28)		RS1/16S6801F
R	902	(B,146,28)		RS1/16S6801F
R	903	(B,154,28)		RS1/16S221J
R	904	(B,148,28)		RS1/16S221J
R	905	(B,154,31)		RS1/16S182J
R	906	(B,148,31)		RS1/16S182J
R	907	(A,154,29)		RS1/16S223J
R	908	(A,148,29)		RS1/16S223J
R	909	(B,153,24)		RS1/16S474J
R	910	(B,149,24)		RS1/16S474J
R	911	(B,158,34)		RS1/16S2701F
R	912	(B,144,34)		RS1/16S2701F
R	913	(A,158,36)		RS1/16S3901F
R	914	(A,144,36)		RS1/16S3901F
R	915	(A,157,39)		RS1/16S8200F
R	916	(A,144,39)		RS1/16S8200F
R	917	(A,158,41)		RS1/16S3901F
R	918	(A,144,41)		RS1/16S3901F
R	919	(A,158,45)		RS1/16S3901F
R	920	(A,144,45)		RS1/16S3901F
R	921	(A,153,66)		RS1/16S220J
R	922	(A,148,66)		RS1/16S220J
R	923	(A,155,66)		RS1/16S220J
R	924	(A,146,66)		RS1/16S220J
R	925	(B,158,58)		RS1/16S682J
R	926	(B,144,58)		RS1/16S682J
R	927	(B,160,58)		RS1/16S682J
R	928	(B,142,58)		RS1/16S682J
R	929	(B,152,65)		RS1/16S1002F
R	930	(B,149,65)		RS1/16S1002F
R	931	(B,156,65)		RS1/16S1002F
R	932	(B,145,65)		RS1/16S1002F
R	951	(B,141,76)		RS1/16S101J
R	952	(B,159,76)		RS1/16S101J
R	953	(A,152,82)		RS1/16S101J
R	954	(A,154,82)		RS1/16S221J
R	955	(A,148,82)		RS1/16S470J
R	956	(B,147,83)		RS1/16S101J
R	957	(A,149,82)		RS1/16S470J
R	958	(B,143,76)		RS1/16S101J
R	959	(B,152,48)		RS1/16S0R0J
R	960			RS1/16S0R0J
R	961	(B,102,108)		RS1/16S0R0J
R	962	(B,105,108)		RS1/16S0R0J
R	963	(B,107,108)		RS1/16S0R0J
R	964	(B,118,109)		RS1/16S0R0J
R	965	(B,121,109)		RS1/16S0R0J
R	966	(A,126,108)		RS1/16S0R0J
R	967	(A,121,108)		RS1/16S0R0J
R	968	(A,119,108)		RS1/16S0R0J
R	969	(A,118,108)		RS1/16S0R0J
R	970	(A,116,108)		RS1/16S0R0J
R	971	(A,143,15)		RS1/16S104J

CAPACITORS

C	101	(B,39,100)		CKSRYB104K16
C	102	(A,265,54)		CKSRYB104K16
C	103	(A,266,54)		CKSRYB102K50
C	105	(A,265,40)		CKSRYB104K16
C	106	(A,265,41)		CKSRYB102K50
C	107	(A,265,35)		CKSRYB104K16
C	108	(A,266,35)		CKSRYB102K50
C	109	(A,290,45)		CKSRYB104K16
C	110	(A,289,45)		CKSRYB102K50
C	112	(A,298,60)		CKSRYB102K50
C	113	(A,300,60)		CKSRYB104K16
C	114	(A,241,46)		CKSRYB104K16
C	115	(A,229,46)		CKSRYB104K16
C	116	(A,201,40)		CKSRYB104K16
C	117	(A,239,28)		CKSRYB104K16
C	118	(A,229,27)		CKSRYB104K16
C	119	(A,41,102)	ELECT. CAPACITOR	ACH7273
C	120	(A,178,15)		CKSRYB104K16
C	121	(A,178,18)		CKSQYB225K10
C	122	(A,173,17)	ELECT. CAPACITOR	ACH7210
C	123	(A,173,29)	ELECT. CAPACITOR	ACH7210
C	124	(A,186,21)		CKSRYB104K16
C	125	(A,184,27)		CKSQYB225K10
C	128	(A,260,59)		CEHAZL330M16
C	129	(A,250,19)		CKSRYB104K16

Mark	No.	Description	Part No.
C	130	(A,267,68)	CKSRYB104K16
C	131	(A,216,46)	CKSRYB104K16
C	132	(A,292,20)	CKSRYB104K16
C	133	(A,282,20)	CKSRYB104K16
C	134	(A,271,19)	CKSRYB104K16
C	135	(A,302,33)	CKSRYB104K16
C	136	(A,261,20)	CKSRYB104K16
C	137	(A,311,20)	CKSRYB104K16
C	139	(A,188,19)	CKSRYB104K16
C	140	(A,188,27)	CKSRYB104K16
C	141	(A,303,20)	CKSRYB104K16
C	142	(A,215,23)	CKSRYB104K16
C	143	(A,32,96) ELECT. CAPACITOR	ACH7211
C	144	(B,32,93)	CKSRYB104K16
C	201	(B,23,102)	CKSRYB103K50
C	202	(B,26,86)	CKSRYB103K50
C	203	(B,26,72)	CKSRYB103K50
C	204	(B,27,58)	CKSRYB103K50
C	205	(B,33,88)	CCSRCH470J50
C	206	(B,33,79)	CCSRCH470J50
C	207	(B,33,66)	CCSRCH470J50
C	208	(B,33,56)	CCSRCH470J50
C	209	(B,35,88)	CCSRCH220J50
C	210	(B,35,79)	CCSRCH220J50
C	211	(B,35,66)	CCSRCH220J50
C	212	(B,35,56)	CCSRCH220J50
C	213	(A,30,87)	CKSRYB104K16
C	214	(A,30,78)	CKSRYB104K16
C	215	(A,30,64)	CKSRYB104K16
C	216	(A,30,56)	CKSRYB104K16
C	217	(A,35,87)	CKSRYB103K50
C	218	(A,36,78)	CKSRYB103K50
C	219	(A,36,65)	CKSRYB103K50
C	220	(A,37,57)	CKSRYB103K50
C	221	(A,29,73) ELECT. CAPACITOR	CEHAZL101M10
C	222	(A,30,50) ELECT. CAPACITOR	CEHAZL101M10
C	223	(A,30,30) ELECT. CAPACITOR	CEHAZL101M10
C	224	(B,25,27)	CKSRYB104K16
C	225	(B,25,14)	CKSRYB104K16
C	227	(A,43,76)	CKSRYB103K50
C	228	(A,46,83)	CKSQYB105K16
C	230	(A,43,66)	CKSRYB103K50
C	231	(B,43,82)	CKSRYB224K16
C	233	(A,43,56)	CKSRYB103K50
C	234	(A,33,26)	CKSRYB104K16
C	235	(A,31,18)	CKSRYB104K16
C	236	(A,29,26)	CKSQYB225K10
C	237	(A,40,82) ELECT. CAPACITOR	CEHAZL101M10
C	239	(A,41,29)	CKSRYB103K50
C	252	(A,174,63) OS CAPACITOR	ACH7204
C	253	(A,191,70)	CKSRYB471K50
C	254	(A,191,71)	CKSRYB104K16
C	255	(A,186,71)	CKSRYB104K16
C	256	(A,186,69)	CKSRYB471K50
C	257	(A,171,53) OS CAPACITOR	ACH7203
C	258	(A,180,61)	CKSRYB104K16
C	259	(A,181,61)	CKSRYB471K50
C	260	(A,181,57)	CKSRYB471K50
C	261	(A,180,57)	CKSRYB104K16
C	262	(A,190,51)	CKSRYB471K50
C	263	(A,190,50)	CKSRYB104K16
C	266	(A,198,54) ELECT. CAPACITOR	ACH7266
C	267	(B,196,59)	CKSRYB103K50
C	268	(A,198,46) OS CAPACITOR	ACH7204
C	269	(A,198,58)	CKSRYB104K16
C	270	(A,197,58)	CKSRYB471K50
C	271	(A,198,62)	CKSRYB104K16
C	272	(A,197,62)	CKSRYB471K50
C	273	(A,197,65)	CKSRYB471K50
C	274	(A,199,65)	CKSRYB104K16
C	275	(B,35,21)	CKSRYB104K16
C	276	(B,29,22)	CKSRYB104K16
C	277	(A,186,34) OS CAPACITOR	ACH7204
C	278	(A,180,33)	CKSRYB104K16
C	279	(A,193,26)	CKSRYB105K10
C	280	(A,173,71)	CEHAZL101M25
C	281	(B,169,70)	CKSRYB224K16
C	282	(B,166,70)	CKSQYB225K10
C	283	(B,32,21)	CKSRYB104K16
C	284	(A,171,39)	CKSRYB471K50
C	285	(A,171,38)	CKSRYB104K16
C	301	(A,29,110)	CEAT101M16
C	302	(A,33,115)	CKSRYB224K16
C	303	(A,26,110)	CKSRYB102K50
C	304	(B,34,112)	CKSRYB104K16
C	305	(B,34,116)	CKSRYB104K16
C	306	(B,40,115)	CKSRYB104K16
C	307	(A,63,106)	CCSRCH120J50
C	308	(A,63,110)	CCSRCH120J50
C	310	(A,55,99) ELECT. CAPACITOR	CEHAZL101M10
C	311	(B,56,116)	CKSRYB104K16
C	312	(B,56,114)	CKSRYB471K50
C	313	(A,36,119)	CKSQYB105K16
C	314	(A,78,114)	CKSRYB104K16
C	315	(A,75,115)	CKSQYB225K10
C	316	(A,76,112)	CKSRYB104K16
C	317	(A,234,115)	CKSRYB102K50
C	318	(B,315,74)	CKSRYB103K50
C	331	(A,155,108) ELECT. CAPACITOR	ACH7267
C	332	(A,172,82)	CKSRYB104K16
C	333	(A,174,82)	CKSRYB471K50
C	334	(A,184,83)	CKSRYB104K16
C	335	(A,185,83)	CKSRYB471K50
C	336	(A,197,86)	CKSRYB471K50
C	337	(A,195,86)	CKSRYB104K16
C	338	(A,159,107)	CKSRYB104K16
C	339	(A,160,107)	CKSRYB471K50
C	340	(A,168,108)	CKSRYB104K16
C	341	(A,169,108)	CKSRYB471K50
C	342	(A,179,108)	CKSRYB104K16
C	343	(A,180,108)	CKSRYB471K50
C	344	(A,190,107)	CKSRYB104K16
C	345	(A,191,107)	CKSRYB471K50
C	346	(A,228,89)	CKSRYB104K16
C	347	(A,229,89)	CKSRYB471K50
C	348	(A,227,76)	CKSRYB104K16
C	349	(A,229,76)	CKSRYB471K50
C	350	(A,228,62)	CKSRYB104K16
C	351	(A,229,62)	CKSRYB471K50

Mark	No.	Description	Part No.
C	352	(A,204,109)	CKSRYB104K16
C	353	(A,205,109)	CKSRYB471K50
C	355	(A,303,101)	CKSRYB104K16
C	356	(A,304,101)	CKSRYB471K50
C	357	(A,303,86)	CKSRYB104K16
C	358	(A,304,86)	CKSRYB471K50
C	359	(A,288,86)	CKSRYB104K16
C	360	(A,290,86)	CKSRYB471K50
C	361	(A,275,71)	CKSRYB104K16
C	362	(A,277,71)	CKSRYB471K50
C	363	(A,289,68)	CKSRYB104K16
C	364	(A,290,68)	CKSRYB471K50
C	365	(A,290,101)	CKSRYB104K16
C	366	(A,291,101)	CKSRYB471K50
C	367	(A,85,108)	CKSRYB104K16
C	368	(A,100,108)	CKSRYB472K50
C	369	(A,114,108)	CKSRYB471K50
C	370	(A,130,108)	CKSRYB104K16
C	371	(A,143,108)	CKSRYB472K50
C	372	(A,146,108)	CKSRYB471K50
C	373	(A,308,67)	CKSRYB224K16
C	374	(A,308,70)	CKSRYB471K50
C	501	(A,33,45) ELECT. CAPACITOR	CEHAZL101M10
C	502	(A,42,45)	CKSRYB102K50
C	503	(A,42,46)	CKSRYB104K16
C	504	(B,44,43)	CKSRYB104K16
C	507	(B,19,43)	CKSRYB104K16
C	508	(B,17,43)	CKSRYB471K50
C	511	(A,241,65)	CEHAZL330M16
C	512	(A,241,71)	CKSRYB104K16
C	513	(A,241,73)	CKSRYB102K50
C	514	(A,250,65)	CEHAZL330M16
C	515	(A,247,71)	CKSRYB104K16
C	516	(A,247,72)	CKSRYB471K50
C	518	(A,244,87)	CKSRYB474K10
C	519	(A,246,92)	CEHAZL330M16
C	520	(A,248,87)	CKSRYB104K16
C	521	(A,247,87)	CKSRYB471K50
C	522	(A,264,86) ELECT. CAPACITOR	ACH7267
C	527	(A,220,110)	CEHAZL330M16
C	530	(A,235,108)	CKSRYB104K16
C	531	(A,237,108)	CKSRYB471K50
C	532	(A,245,106)	CKSRYB104K16
C	533	(A,247,106)	CKSRYB471K50
C	534	(A,270,86)	CKSRYB104K16
C	535	(A,272,86)	CKSRYB471K50
C	536	(A,267,101)	CKSRYB104K16
C	537	(A,268,101)	CKSRYB471K50
C	538	(A,278,100)	CKSRYB104K16
C	539	(A,279,100)	CKSRYB471K50
C	540	(A,256,105)	CKSRYB104K16
C	541	(A,258,105)	CKSRYB471K50
C	542	(A,179,97)	CKSRYB104K16
C	543	(A,181,97)	CKSRYB471K50
C	581	(A,62,24)	CEAT100M50
C	582	(A,56,24)	CEAT100M50
C	583	(A,59,26)	CKSRYB473K25
C	584	(A,59,34)	CKSRYB473K25
C	585	(A,62,39)	CEAT100M50
C	586	(A,56,39)	CEAT100M50
C	591	(A,56,44)	CEAT101M16
C	592	(A,59,51)	CKSRYB104K16
C	593	(B,58,50)	CKSQYB225K10
C	594	(A,62,44)	CEAT101M16
C	595	(A,63,53)	CKSRYB471K50
C	596	(A,63,52)	CKSRYB104K16
C	601	(A,87,31) ELECT. CAPACITOR	ACH7198
C	602	(A,71,31) ELECT. CAPACITOR	ACH7198
C	603	(A,84,36)	CCSRCH101J50
C	604	(A,73,36)	CCSRCH101J50
C	605	(A,81,40)	CKSRYB103K50
C	606	(A,79,49)	CKSRYB103K50
C	607	(A,77,32)	CKSRYB103K50
C	608	(A,77,40)	CKSRYB103K50
C	611	(A,82,54) ELECT. CAPACITOR	ACH7196
C	612	(A,76,54) ELECT. CAPACITOR	ACH7196
C	613	(A,88,54) ELECT. CAPACITOR	ACH7196
C	614	(A,70,54) ELECT. CAPACITOR	ACH7196
C	615	(A,86,72)	CKSRYB103K50
C	616	(A,71,72)	CKSRYB103K50
C	617	(A,82,58) ELECT. CAPACITOR	CEHAZL101M10
C	618	(A,76,58) ELECT. CAPACITOR	CEHAZL101M10
C	619	(B,82,65)	CKSRYB104K16
C	620	(B,75,65)	CKSRYB104K16
C	621	(A,70,65) ELECT. CAPACITOR	CEHAZL221M10
C	622	(A,87,65) ELECT. CAPACITOR	CEHAZL221M10
C	623	(A,81,69)	CKSRYB104K16
C	624	(A,77,69)	CKSRYB104K16
C	625	(A,87,24) ELECT. CAPACITOR	ACH7211
C	626	(A,71,22) ELECT. CAPACITOR	ACH7211
C	627	(A,81,20)	CKSRYB103K50
C	628	(A,77,20)	CKSRYB103K50
C	651	(A,86,81) ELECT. CAPACITOR	ACH7272
C	652	(A,87,75)	CKSRYB104K16
C	653	(A,85,75)	CKSRYB471K50
C	654	(A,84,71)	CKSRYB224K16
C	655	(A,72,81) ELECT. CAPACITOR	ACH7196
C	656	(A,73,75)	CKSRYB104K16
C	657	(B,89,76)	CKSRYB102K50
C	701	(A,111,31) ELECT. CAPACITOR	ACH7198
C	702	(A,95,31) ELECT. CAPACITOR	ACH7198
C	703	(A,108,36)	CCSRCH101J50
C	704	(A,97,36)	CCSRCH101J50
C	705	(A,105,40)	CKSRYB103K50
C	706	(A,103,49)	CKSRYB103K50
C	707	(A,101,32)	CKSRYB103K50
C	708	(A,101,40)	CKSRYB103K50
C	711	(A,106,54) ELECT. CAPACITOR	ACH7196
C	712	(A,100,54) ELECT. CAPACITOR	ACH7196
C	713	(A,112,54) ELECT. CAPACITOR	ACH7196
C	714	(A,94,54) ELECT. CAPACITOR	ACH7196
C	715	(A,110,72)	CKSRYB103K50
C	716	(A,95,72)	CKSRYB103K50
C	717	(A,106,58) ELECT. CAPACITOR	CEHAZL101M10
C	718	(A,100,58) ELECT. CAPACITOR	CEHAZL101M10
C	719	(B,106,65)	CKSRYB104K16
C	720	(B,99,65)	CKSRYB104K16
C	721	(A,94,65) ELECT. CAPACITOR	CEHAZL221M10

Mark	No.	Description	Part No.
C	722	(A,111,65) ELECT. CAPACITOR	CEHAZL221M10
C	723	(A,105,69)	CKSRYB104K16
C	724	(A,101,69)	CKSRYB104K16
C	725	(A,111,24) ELECT. CAPACITOR	ACH7211
C	726	(A,95,22) ELECT. CAPACITOR	ACH7211
C	727	(A,105,20)	CKSRYB103K50
C	728	(A,101,20)	CKSRYB103K50
C	751	(A,110,81) ELECT. CAPACITOR	ACH7272
C	752	(A,111,75)	CKSRYB104K16
C	753	(A,109,75)	CKSRYB471K50
C	754	(A,108,71)	CKSRYB224K16
C	755	(A,96,81) ELECT. CAPACITOR	ACH7196
C	756	(A,97,75)	CKSRYB104K16
C	757	(B,113,76)	CKSRYB102K50
C	801	(A,135,31) ELECT. CAPACITOR	ACH7198
C	802	(A,119,31) ELECT. CAPACITOR	ACH7198
C	803	(A,132,36)	CCSRCH101J50
C	804	(A,121,36)	CCSRCH101J50
C	805	(A,129,40)	CKSRYB103K50
C	806	(A,127,49)	CKSRYB103K50
C	807	(A,125,32)	CKSRYB103K50
C	808	(A,125,40)	CKSRYB103K50
C	811	(A,130,54) ELECT. CAPACITOR	ACH7196
C	812	(A,124,54) ELECT. CAPACITOR	ACH7196
C	813	(A,136,54) ELECT. CAPACITOR	ACH7196
C	814	(A,118,54) ELECT. CAPACITOR	ACH7196
C	815	(A,134,72)	CKSRYB103K50
C	816	(A,119,72)	CKSRYB103K50
C	817	(A,130,58) ELECT. CAPACITOR	CEHAZL101M10
C	818	(A,124,58) ELECT. CAPACITOR	CEHAZL101M10
C	819	(B,130,65)	CKSRYB104K16
C	820	(B,123,65)	CKSRYB104K16
C	821	(A,118,65) ELECT. CAPACITOR	CEHAZL221M10
C	822	(A,135,65) ELECT. CAPACITOR	CEHAZL221M10
C	823	(A,129,69)	CKSRYB104K16
C	824	(A,125,69)	CKSRYB104K16
C	825	(A,135,24) ELECT. CAPACITOR	ACH7211
C	826	(A,119,22) ELECT. CAPACITOR	ACH7211
C	827	(A,129,20)	CKSRYB103K50
C	828	(A,125,20)	CKSRYB103K50
C	851	(A,134,81) ELECT. CAPACITOR	ACH7272
C	852	(A,135,75)	CKSRYB104K16
C	853	(A,133,75)	CKSRYB471K50
C	854	(A,132,71)	CKSRYB224K16
C	855	(A,120,81) ELECT. CAPACITOR	ACH7196
C	856	(A,121,75)	CKSRYB104K16
C	857	(B,137,76)	CKSRYB102K50
C	901	(A,159,31) ELECT. CAPACITOR	ACH7198
C	902	(A,143,31) ELECT. CAPACITOR	ACH7198
C	903	(A,156,36)	CCSRCH101J50
C	904	(A,145,36)	CCSRCH101J50
C	905	(A,153,40)	CKSRYB103K50
C	906	(A,151,49)	CKSRYB103K50
C	907	(A,149,32)	CKSRYB103K50
C	908	(A,149,40)	CKSRYB103K50
C	911	(A,154,54) ELECT. CAPACITOR	ACH7196
C	912	(A,148,54) ELECT. CAPACITOR	ACH7196
C	913	(A,160,54) ELECT. CAPACITOR	ACH7196
C	914	(A,142,54) ELECT. CAPACITOR	ACH7196
C	915	(A,158,72)	CKSRYB103K50
C	916	(A,143,72)	CKSRYB103K50
C	917	(A,154,58) ELECT. CAPACITOR	CEHAZL101M10
C	918	(A,148,58) ELECT. CAPACITOR	CEHAZL101M10
C	919	(B,154,65)	CKSRYB104K16
C	920	(B,147,65)	CKSRYB104K16
C	921	(A,142,65) ELECT. CAPACITOR	CEHAZL221M10
C	922	(A,159,65) ELECT. CAPACITOR	CEHAZL221M10
C	923	(A,153,69)	CKSRYB104K16
C	924	(A,149,69)	CKSRYB104K16
C	925	(A,159,24) ELECT. CAPACITOR	ACH7211
C	926	(A,143,22) ELECT. CAPACITOR	ACH7211
C	927	(A,153,20)	CKSRYB103K50
C	928	(A,149,20)	CKSRYB103K50
C	951	(A,158,81) ELECT. CAPACITOR	ACH7272
C	952	(A,159,75)	CKSRYB104K16
C	953	(A,157,75)	CKSRYB471K50
C	954	(A,156,71)	CKSRYB224K16
C	955	(A,144,81) ELECT. CAPACITOR	ACH7196
C	956	(A,145,75)	CKSRYB104K16
C	957	(B,161,76)	CKSRYB102K50
C	970	(A,58,75) ELECT. CAPACITOR	ACH7273
C	972	(A,57,83)	CKSRYB104K16
C	973	(A,64,79) ELECT. CAPACITOR	CEHAZL100M50
C	975	(A,157,91)	CKSRYB471K50
C	976	(B,111,14)	CKSRYB473K25
C	977	(A,155,91)	CKSRYB104K16
C	978	(A,106,16)	CKSRYB473K25
C	979	(B,80,92)	CKSRYB471K50
C	980	(B,82,92)	CKSRYB104K16
C	981	(B,66,72)	CKSRYB104K16
C	983	(A,69,91)	CKSRYB471K50
C	984	(A,68,91)	CKSRYB104K16
C	985	(A,115,92)	CKSRYB471K50
C	986	(A,114,92)	CKSRYB104K16

P SUB DIGITAL ASSY

MISCELLANEOUS

IC	1801	(A,91,166) LOGIC IC	TC74ACT151F
IC	1802	(A,73,166) LOGIC IC	TC74ACT151F
IC	1803	(A,55,166) LOGIC IC	TC74ACT151F
IC	1805	(A,116,146) LOGIC IC	TC4094BFN
IC	1806	(A,131,146) LOGIC IC	TC4094BFN
IC	1901	(A,120,180) RF DEMODULATOR IC	PM4007B
IC	1902	(A,93,196) OP-AMP IC	BA4560RF
IC	1903	(A,46,211) VIDEO AMP IC	TK15420M
IC	1904	(A,74,145) IC	TC74VHCT08AFTS1
IC	1905	(A,146,174) SRAM(256K)	CY62256NLL-55ZXI
IC	1906	(A,85,145) IC	TC74VHCT08AFTS1
Q	1902	(B,42,220) TRANSISTOR	2SC4154
Q	1903	(A,49,225) TRANSISTOR	2SC4154
Q	1904	(B,66,198) TRANSISTOR(SC-70)	2SA1602A
Q	1905	(B,58,205) TRANSISTOR(SC-70)	2SA1602A
Q	1906	(A,34,224) TRANSISTOR	2SC4154
Q	1907	(A,32,216) TRANSISTOR	2SC4154
Q	1908	(B,60,182) TRANSISTOR	RT1N141M-11
Q	1909	(A,38,184) TRANSISTOR	2SD1781K
Q	1910	(A,47,185) TRANSISTOR	2SB1132

Mark	No.	Description	Part No.
Q	1911 (B,64,182)	DIGITAL TR(SC-70)	RT1P441M
D	1902 (A,138,206)	VARI-CAP DIODE	KV1862K-G
L	1801 (B,27,211)	CHIP SOLID INDUCTOR	QTL1013
L	1802 (B,27,198)	CHIP SOLID INDUCTOR	QTL1013
L	1803 (B,27,184)	CHIP SOLID INDUCTOR	QTL1013
L	1804 (B,27,169)	CHIP SOLID INDUCTOR	QTL1013
L	1805 (B,27,159)	CHIP SOLID INDUCTOR	QTL1013
L	1806 (B,23,149)	CHIP SOLID INDUCTOR	QTL1013
L	1808 (A,82,171)	CHIP SOLID INDUCTOR	QTL1013
L	1809 (A,64,171)	CHIP SOLID INDUCTOR	QTL1013
L	1810 (A,46,171)	CHIP SOLID INDUCTOR	QTL1013
L	1904 (B,51,190)	CHIP SOLID INDUCTOR	QTL1013
L	1905 (B,37,193)	CHIP SOLID INDUCTOR	QTL1013
L	1906 (B,110,167)	CHIP SOLID INDUCTOR	QTL1013
L	1907 (B,145,163)	CHIP SOLID INDUCTOR	QTL1013
L	1908 (A,48,221)	CHIP COIL	LCTAW680J2520
L	1909 (A,70,151)	CHIP SOLID INDUCTOR	QTL1013
F	1901 (A,71,199)	BAND PASS FILTER	ATF7027
JA	1801 (A,21,206)	OPT. LINK IN	AKS7005
JA	1802 (A,21,193)	OPT. LINK IN	AKS7005
JA	1803 (A,21,179)	OPT. LINK IN	AKS7005
JA	1804 (A,21,165)	OPT. LINK IN	AKS7005
JA	1805 (A,21,151)	OPT. LINK IN	AKS7005
JA	1806 (A,21,138)	OPT. LINK IN	AKS7005
JA	1901 (A,12,225)	JACK	VKB1160
X	1901 (A,126,199)	CRYSTAL FOR VCXO	ASS7009
CN	1801 (A,156,139)	9P SOCKET	XKP3075
CN	1802 (A,55,139)	21P SOCKET	XKP3081
	1901 (A,156,222)	PCB BINDER	VEF1040

RESISTORS

R	1801 (B,23,205)		RS1/16S101J
R	1802 (B,23,191)		RS1/16S101J
R	1803 (B,23,177)		RS1/16S101J
R	1804 (B,23,163)		RS1/16S101J
R	1805 (B,24,152)		RS1/16S101J
R	1806 (B,25,141)		RS1/16S101J
R	1809 (A,93,160)		RS1/16S101J
R	1810 (A,75,160)		RS1/16S101J
R	1811 (A,57,160)		RS1/16S101J
R	1812 (A,121,152)		RS1/16S0R0J
R	1813 (A,120,152)		RS1/16S0R0J
R	1814 (A,118,152)		RS1/16S0R0J
R	1815 (A,121,141)		RS1/16S0R0J
R	1816 (A,117,152)		RS1/16S473J
R	1817 (A,115,152)		RS1/16S473J
R	1818 (A,108,149)		RS1/16S473J
R	1819 (A,110,149)		RS1/16S473J
R	1820 (A,108,144)		RS1/16S473J
R	1821 (A,107,144)		RS1/16S473J
R	1822 (A,117,140)		RS1/16S473J
R	1823 (A,118,140)		RS1/16S473J
R	1826 (A,136,141)		RS1/16S0R0J
R	1829 (A,65,146)		RS1/16S104J
R	1830 (B,71,144)		RS1/16S104J
R	1831 (A,89,160)		RS1/16S220J
R	1832 (A,87,160)		RS1/16S220J
R	1833 (A,86,160)		RS1/16S220J
R	1834 (A,87,173)		RS1/16S220J
R	1835 (A,89,173)		RS1/16S220J
R	1836 (A,91,173)		RS1/16S220J
R	1837 (A,92,173)		RS1/16S220J
R	1838 (A,71,160)		RS1/16S220J

Q DSP ASSY

SEMICONDUCTORS

IC	101,301	ADSP-21366KBCZ-1AA
IC	161,162,361,362	TC74VHC573FTS1
IC	163,363	TC7W139FU
IC	164	AYW7220
IC	165,365,411	TC7SH32FUS1
IC	171,371,372	CY7C1049D3310VXI
IC	201	DSPC56371AF180
IC	364	AYW7221
IC	401	TC74VHC08FTS1
IC	511,521	PQ1LAX95MSPQ
IC	531,541	BD9107FVM
IC	601,621,651	TC74VHC74FTS1
IC	602,622	TC7SH86FUS1
IC	603,623	TC74VHC00FTS1
IC	652	TC74VHC157FTS1
IC	701	TC7WH04FU
Q	201	RT1N241M

MISCELLANEOUS

L	101,102	CHIP SOLID INDUCTOR	QTL1013
L	161-164	CHIP SOLID INDUCTOR	QTL1013
L	171	CHIP SOLID INDUCTOR	QTL1013
L	201-203	CHIP SOLID INDUCTOR	QTL1013
L	301,302	CHIP SOLID INDUCTOR	QTL1013
L	361-364	CHIP SOLID INDUCTOR	QTL1013
L	371,372	CHIP SOLID INDUCTOR	QTL1013
L	401,402	CHIP SOLID INDUCTOR	QTL1013
L	530,540	CHIP BEADS	ATL7010
L	531,541	POWER INDUCTOR	ATH7047
L	601,701	CHIP SOLID INDUCTOR	QTL1013
L	702	CHIP SOLID INDUCTOR	QTL1013
X	701	CRYSTAL OSCILLATOR	ASS7074
CN	401,402	26P SOCKET	AKP7198

RESISTORS

R	101-104,161-163		RAB4CQ470J
R	114,204,236,314		RAB4CQ101J
R	123,221,323		RAB4CQ220J
R	131,149,331,346		RAB4CQ472J
R	152,350		RS1/16S0R0J
R	219		RAB4CQ103J
R	301-304,361-363		RAB4CQ470J
R	511		RS1/16SS2002F
R	512,522		RS1/16SS1202F
R	521		RS1/16SS1000F
R	531,541		RS1/16SS9101F
R	532,542		RS1/16SS1802F
R	533,543		RS1/16SS1002F
R	537,547		RS1/10S0R0J
Other Resistors			RS1/16SS###J

CAPACITORS

Mark	No.	Description	Part No.
C	101,103,105,107		CKSSYB471K50
C	102,104,106,108		CKSSYB104K10
C	109,111,113,115		CKSSYB471K50
C	110,112,114,116		CKSSYB104K10
C	117,127,201,203		CKSSYB471K50
C	118,128,132,134		CKSSYB104K10
C	131,133,135,137		CKSSYB102K50
C	136,138,140,142		CKSSYB104K10
C	139,141,168,171		CKSSYB102K50
C	145,228,345		CKSSYB103K25
C	151,183,231,232		CEVW101M16
C	152,352,501,711		ACH7275
C	161,163,165,167		CKSSYB104K10
C	169,172,174,202		CKSSYB104K10
C	173,331,333,335		CKSSYB102K50
C	204,206,208,210		CKSSYB104K10
C	205,207,209,211		CKSSYB471K50
C	212,214,216,218		CKSSYB104K10
C	213,215,217,219		CKSSYB471K50
C	220,222,224,302		CKSSYB104K10
C	221,223,301,303		CKSSYB471K50
C	304,306,308,310		CKSSYB104K10
C	305,307,309,311		CKSSYB471K50
C	312,314,316,318		CKSSYB104K10
C	313,315,317,327		CKSSYB471K50
C	328,332,334,336		CKSSYB104K10
C	337,339,341,368		CKSSYB102K50
C	338,340,342,361		CKSSYB104K10
C	351,383,531,541		CEVW101M16
C	363,365,367,369		CKSSYB104K10
C	371,373,375,377		CKSSYB102K50
C	372,374,376,378		CKSSYB104K10
C	401,411,701,703		CKSSYB471K50
C	402,412,602,604		CKSSYB104K10
C	502		ACH7276
C	503		CKSQYB104K16
C	504		CKSRYB102K50
C	511		CKSQYB105K16
C	512,521,522		CKSRYB105K10
C	532,534,542,544		DCH1201
C	533,543,601,603		CKSSYB102K50
C	600		CEVW101M16
C	605,607,621,623		CKSSYB102K50
C	606,622,624,626		CKSSYB104K10
C	625,627,651,654		CKSSYB102K50
C	652,653,702,704		CKSSYB104K10
R	1839 (A,69,160)		RS1/16S220J
R	1840 (A,68,160)		RS1/16S220J
R	1841 (A,69,173)		RS1/16S220J
R	1842 (A,71,173)		RS1/16S220J
R	1843 (A,73,173)		RS1/16S220J
R	1844 (A,74,173)		RS1/16S220J
R	1845 (A,53,160)		RS1/16S220J
R	1846 (A,51,160)		RS1/16S220J
R	1847 (A,50,160)		RS1/16S220J
R	1848 (A,51,173)		RS1/16S220J
R	1849 (A,53,173)		RS1/16S220J
R	1850 (A,55,173)		RS1/16S220J
R	1851 (A,56,173)		RS1/16S220J
R	1854 (A,153,143)		RS1/16S104J
R	1855 (B,152,148)		RS1/16S224J
R	1856 (B,149,148)		RS1/16S104J
R	1857 (B,149,146)		RS1/16S224J
R	1858 (A,149,143)		RS1/16S474J
R	1859 (A,91,160)		RS1/16S220J
R	1860 (A,73,160)		RS1/16S220J
R	1861 (A,55,160)		RS1/16S220J
R	1903 (B,37,222)		RS1/16S561J
R	1904 (B,31,222)		RS1/16S270J
R	1905 (B,33,222)		RS1/16S270J
R	1906 (B,35,222)		RS1/16S270J
R	1907 (B,39,222)		RS1/16S220J
R	1908 (B,44,222)		RS1/16S102J
R	1909 (B,46,220)		RS1/16S102J
R	1910 (A,48,216)		RS1/16S472J
R	1911 (A,42,216)		RS1/16S102J
R	1912 (A,47,219)		RS1/16S151J
R	1913 (A,45,221)		RS1/16S222J
R	1914 (A,51,224)		RS1/16S102J
R	1915 (A,65,192)		RS1/16S102J
R	1916 (B,73,197)		RS1/16S0R0J
R	1917 (B,68,198)		RS1/16S102J
R	1918 (B,63,200)		RS1/16S102J
R	1919 (B,54,203)		RS1/16S103J
R	1920 (B,51,202)		RS1/16S102J
R	1921 (A,46,207)		RS1/16S472J
R	1922 (B,41,205)		RS1/16S102J
R	1923 (B,54,206)		RS1/16S102J
R	1924 (B,60,205)		RS1/16S332J
R	1925 (B,65,206)		RS1/16S102J
R	1926 (A,29,224)		RS1/16S182J
R	1927 (A,32,221)		RS1/16S103J
R	1928 (A,32,220)		RS1/16S103J
R	1929 (A,35,216)		RS1/16S472J
R	1930 (A,116,192)		RS1/16S221J
R	1931 (A,103,200)		RS1/16S683J
R	1932 (A,100,199)		RS1/16S103J
R	1933 (A,105,201)		RS1/16S273J
R	1934 (A,100,202)		RS1/16S103J
R	1935 (B,102,203)		RS1/16S121J
R	1936 (A,93,201)		RS1/16S473J
R	1937 (A,134,207)		RS1/16S473J
R	1938 (B,139,193)		RS1/16S473J
R	1939 (B,139,201)		RS1/16S394J
R	1940 (B,138,204)		RS1/16S473J
R	1941 (B,125,195)		RS1/16S471J
R	1942 (A,102,188)		RS1/16S103J
R	1943 (A,102,185)		RS1/16S103J
R	1944 (B,94,193)		RS1/16S472J
R	1945 (B,98,193)		RS1/16S392J
R	1946 (B,92,191)		RS1/16S223J
R	1947 (A,91,191)		RS1/16S104J
R	1948 (A,88,193)		RS1/16S822J
R	1949 (B,108,160)		RS1/16S101J
R	1950 (B,113,159)		RS1/16S101J
R	1952 (B,17,224)		RS1/16S0R0J

Mark	No.	Description	Part No.
R	1953	(B,28,219)	RS1/16S0R0J
R	1954	(A,68,146)	RS1/16S220J
R	1955	(A,68,143)	RS1/16S220J
R	1957	(A,68,148)	RS1/16S220J
R	1958	(A,68,145)	RS1/16S220J
R	1959	(A,51,185)	RS1/16S473J
R	1960	(B,58,182)	RS1/16S182J
R	1961	(A,41,184)	RS1/16S473J
R	1962	(A,44,182)	RS1/16S153J
R	1963	(B,131,149)	RS1/16S473J
R	1964	(B,121,151)	RS1/16S473J
R	1965	(B,116,152)	RS1/16S473J
R	1966		RS1/16S0R0J
R	1967		RS1/16S0R0J

CAPACITORS

C	1801	(A,30,193) ELECT. CAPACITOR	CEHAZL101M10
C	1802	(B,23,211)	CKSRYB104K16
C	1804	(B,23,198)	CKSRYB104K16
C	1806	(A,30,167) ELECT. CAPACITOR	CEHAZL101M10
C	1807	(B,23,184)	CKSRYB104K16
C	1809	(B,23,169)	CKSRYB104K16
C	1811	(A,30,153) ELECT. CAPACITOR	CEHAZL101M10
C	1812	(B,23,159)	CKSRYB104K16
C	1814	(B,23,145)	CKSRYB104K16
C	1816	(A,46,151) ELECT. CAPACITOR	CEHAZL101M10
C	1817	(A,84,169)	CKSRYB103K50
C	1818	(A,83,169)	CKSRYB105K16
C	1819	(A,66,169)	CKSRYB103K50
C	1820	(A,65,169)	CKSRYB105K16
C	1821	(A,48,169)	CKSRYB103K50
C	1822	(A,47,169)	CKSRYB105K16
C	1829	(B,34,142)	CKSRYB104K16
C	1830	(B,27,143)	CKSRYB104K16
C	1831	(B,147,142)	CKSRYB104K16
C	1832	(A,123,144)	CKSRYB104K16
C	1833	(A,138,144)	CKSRYB104K16
C	1836	(A,39,148) ELECT. CAPACITOR	ACH7211
C	1837	(A,33,145) ELECT. CAPACITOR	ACH7211
C	1838	(B,31,142)	CKSRYB104K16
C	1908	(B,30,225)	CKSRYB223K50
C	1909	(B,36,219)	CKSRYB104K16
C	1910	(B,43,225)	CKSRYB104K16
C	1911	(A,50,208)	CKSRYB104K16
C	1912	(A,51,193) ELECT. CAPACITOR	CEHAZL101M10
C	1913	(A,42,213)	CKSRYB104K16
C	1914	(A,43,193) ELECT. CAPACITOR	CEHAZL101M10
C	1915	(A,50,218)	CCSRCH750J50
C	1916	(A,44,226)	CKSRYB104K16
C	1917	(A,51,227)	CKSRYB104K16
C	1918	(A,65,205)	CCSRCH561J50
C	1919	(B,58,201)	CKSRYB104K16
C	1920	(B,51,206)	CKSRYB103K50
C	1921	(B,63,203)	CKSRYB104K16
C	1922	(A,31,224)	CKSRYB102K50
C	1923	(A,98,202)	CKSRYB104K16
C	1924	(A,93,203)	CKSRYB104K16
C	1925	(A,105,205) ELECT. CAPACITOR	CEANP4R7M50
C	1926	(A,137,206)	CKSRYB103K50
C	1927	(B,133,205)	CKSRYB103K50
C	1928	(B,123,195)	CCSRCH220J50
C	1929	(B,139,199)	CKSRYB104K16
C	1930	(A,139,196) ELECT. CAPACITOR	CEHAZL101M10
C	1931	(A,104,185)	CKSRYB104K16
C	1932	(B,98,191)	CKSRYB105K6R3
C	1933	(A,91,190)	CKSRYB105K6R3
C	1934	(A,89,198)	CKSRYB104K16
C	1935	(A,97,194)	CKSRYB104K16
C	1936	(A,105,165) ELECT. CAPACITOR	CEHAZL101M10
C	1937	(A,110,170)	CKSRYB471K50
C	1938	(A,110,168)	CKSRYB104K16
C	1939	(A,128,170)	CKSRYB471K50
C	1940	(A,128,168)	CKSRYB104K16
C	1941	(A,134,174)	CKSRYB471K50
C	1942	(A,135,174)	CKSRYB104K16
C	1943	(A,129,191)	CKSRYB471K50
C	1944	(A,129,192)	CKSRYB104K16
C	1945	(A,110,191)	CKSRYB471K50
C	1946	(A,110,192)	CKSRYB104K16
C	1947	(A,107,185)	CKSRYB471K50
C	1948	(A,105,185)	CKSRYB104K16
C	1949	(A,105,182)	CKSRYB471K50
C	1950	(A,104,182)	CKSRYB104K16
C	1951	(A,107,174)	CKSRYB471K50
C	1952	(A,105,174)	CKSRYB104K16
C	1953	(A,73,151)	CKSRYB105K16
C	1956	(A,141,162) ELECT. CAPACITOR	CEHAZL101M10
C	1957	(A,147,165)	CKSRYB471K50
C	1958	(A,147,164)	CKSRYB104K16
C	1965	(A,73,149)	CKSRYB104K16
C	1967	(A,84,151)	CKSRYB103K50

R DIGI BRIDGE ASSY

MISCELLANEOUS

CN	991	(A,312,97) CONNECTOR	CKS1730
CN	992	(A,288,73) CONNECTOR	CKS1730
CN	993	(A,312,62) CONNECTOR	CKS1730
CN	994	(A,288,38) CONNECTOR	CKS1730
CN	995	(A,312,32) CONNECTOR	CKS1721
CN	996	(A,288,19) CONNECTOR	CKS1721
CN	997	(A,312,114) CONNECTOR	CKS1716
CN	998	(A,288,108) CONNECTOR	CKS1716

S DAC ASSY

MISCELLANEOUS

IC	1001	(A,287,143) IC	TC74LCX541FTS1
IC	1002	(A,267,144) IC	TC74LCX541FTS1
IC	1003	(A,107,138) IC	TC74LCX125FTS1
IC	1004	(A,85,138) CLOCK BUFFER IC	CDCVF2310PW
IC	1051	(A,160,132) IC	NJM2391DL1-33
IC	1052	(A,197,132) IC	NJM2391DL1-33
IC	1053	(A,130,137) REGURATOR IC	AHK432IGY-0.5
IC	1057	(A,23,171) IC	NJM2391DL1-33
IC	1081	(A,318,165) PORT EXPANDER IC	BU4094BCFV
IC	1082	(A,306,165) PORT EXPANDER IC	BU4094BCFV

Mark	No.	Description	Part No.
IC	1101 (A,50,161)	SRC IC	SRC4192IDB
IC	1121 (A,50,178)	D/A CONVERTER IC	WM8741GEDS
IC	1151 (A,50,200)	IC	LT1358CS8
IC	1201 (A,86,161)	SRC IC	SRC4192IDB
IC	1221 (A,86,178)	D/A CONVERTER IC	WM8741GEDS
IC	1251 (A,86,200)	IC	LT1358CS8
IC	1301 (A,122,161)	SRC IC	SRC4192IDB
IC	1321 (A,122,178)	D/A CONVERTER IC	WM8741GEDS
IC	1351 (A,122,200)	IC	LT1358CS8
IC	1401 (A,194,161)	SRC IC	SRC4192IDB
IC	1421 (A,194,178)	D/A CONVERTER IC	WM8741GEDS
IC	1451 (A,194,200)	IC	LT1358CS8
IC	1501 (A,158,161)	SRC IC	SRC4192IDB
IC	1521 (A,158,178)	D/A CONVERTER IC	WM8741GEDS
IC	1551 (A,158,200)	IC	LT1358CS8
IC	1601 (A,230,161)	SRC IC	SRC4192IDB
IC	1621 (A,230,178)	D/A CONVERTER IC	WM8741GEDS
IC	1651 (A,230,200)	IC	LT1358CS8
IC	1801 (A,293,189)	AUDIO DAC	AK4387ET
IC	1802 (A,293,206)	OP-AMP IC	BA4560RF
IC	1851 (A,314,189)	AUDIO DAC	AK4387ET
IC	1852 (A,314,206)	OP-AMP IC	BA4560RF
L	1001 (A,284,137)	CHIP SOLID INDUCTOR	QTL1013
L	1002 (A,264,139)	CHIP SOLID INDUCTOR	QTL1013
L	1003 (A,101,141)	CHIP SOLID INDUCTOR	QTL1013
L	1004 (A,92,141)	CHIP SOLID INDUCTOR	QTL1013
L	1051 (A,167,136)	CHIP SOLID INDUCTOR	ATL7002
L	1052 (A,118,133)	CHIP SOLID INDUCTOR	QTL1013
L	1054 (B,21,161)	CHIP SOLID INDUCTOR	ATL7002
L	1055 (A,204,136)	CHIP SOLID INDUCTOR	ATL7002
L	1081 (B,307,153)	CHIP SOLID INDUCTOR	QTL1013
L	1101 (A,38,152)	CHIP SOLID INDUCTOR	QTL1013
L	1102 (A,63,152)	CHIP SOLID INDUCTOR	QTL1013
L	1121 (A,66,167)	CHIP SOLID INDUCTOR	QTL1013
L	1201 (A,74,152)	CHIP SOLID INDUCTOR	QTL1013
L	1202 (A,99,152)	CHIP SOLID INDUCTOR	QTL1013
L	1221 (A,102,167)	CHIP SOLID INDUCTOR	QTL1013
L	1301 (A,110,152)	CHIP SOLID INDUCTOR	QTL1013
L	1302 (A,135,152)	CHIP SOLID INDUCTOR	QTL1013
L	1321 (A,138,167)	CHIP SOLID INDUCTOR	QTL1013
L	1401 (A,182,152)	CHIP SOLID INDUCTOR	QTL1013
L	1402 (A,207,152)	CHIP SOLID INDUCTOR	QTL1013
L	1421 (A,210,167)	CHIP SOLID INDUCTOR	QTL1013
L	1501 (A,146,152)	CHIP SOLID INDUCTOR	QTL1013
L	1502 (A,171,152)	CHIP SOLID INDUCTOR	QTL1013
L	1521 (A,174,167)	CHIP SOLID INDUCTOR	QTL1013
L	1601 (A,218,152)	CHIP SOLID INDUCTOR	QTL1013
L	1602 (A,243,152)	CHIP SOLID INDUCTOR	QTL1013
L	1621 (A,246,167)	CHIP SOLID INDUCTOR	QTL1013
L	1801 (A,288,196)	CHIP SOLID INDUCTOR	QTL1013
L	1851 (A,309,196)	CHIP SOLID INDUCTOR	QTL1013
J	1052 (A,24,146)	2P HOUSING ASSY	ADX7584
KN	1051 (A,13,135)	SCREW PLATE	VNE1948
KN	1052 (A,13,184)	SCREW PLATE	VNE1948
KN	1053 (A,314,145)	WRAPPING TERMINAL	VNF1084
KN	1081 (A,13,220)	SCREW PLATE	VNE1948
X	1001 (A,114,138)	CRYSTAL OSCILLATOR	ASS7072
CN	1001 (A,280,126)	PLUG	CKS1764
CN	1002 (A,245,126)	PLUG	CKS1764
CN	1051 (A,228,126)	PLUG	CKS1750
CN	1081 (A,310,126)	CONNECTOR	CKS1755
CN	1101 (A,108,236)	PLUG	CKS1750
CN	1102 (A,170,236)	PLUG	CKS1764
CN	1103 (A,138,236)	PLUG	CKS1764
	1051 (A,39,135)	PCB BINDER	VEF1040
	1050 (A,174,135)	PCB BINDER	VEF1040

RESISTORS

R	1001 (A,112,134)		RS1/16S470J
R	1003 (A,78,134)		RS1/16S0R0J
R	1004 (A,104,133)		RS1/16S101J
R	1005 (A,104,132)		RS1/16S101J
R	1006 (A,109,133)		RS1/16S101J
R	1008 (A,89,132)		RS1/16S470J
R	1009 (A,293,140)		RS1/16S101J
R	1010 (A,293,141)		RS1/16S101J
R	1011 (A,293,143)		RS1/16S101J
R	1012 (A,295,144)		RS1/16S101J
R	1013 (A,295,146)		RS1/16S101J
R	1014 (A,295,147)		RS1/16S101J
R	1015 (A,279,141)		RAB4C101J
R	1017 (A,291,148)		RS1/16S104J
R	1018 (A,290,148)		RS1/16S104J
R	1019 (A,288,148)		RS1/16S104J
R	1020 (A,287,148)		RS1/16S104J
R	1021 (A,285,148)		RS1/16S104J
R	1022 (A,284,148)		RS1/16S104J
R	1024 (A,273,140)		RS1/16S101J
R	1025 (A,280,144)		RS1/16S101J
R	1026 (A,280,146)		RS1/16S101J
R	1028 (A,259,141)		RAB4C101J
R	1029 (A,259,144)		RS1/16S101J
R	1030 (A,259,146)		RS1/16S101J
R	1032 (A,270,149)		RS1/16S104J
R	1033 (A,269,149)		RS1/16S104J
R	1034 (A,267,149)		RS1/16S104J
R	1035 (A,266,149)		RS1/16S104J
R	1036 (A,264,149)		RS1/16S104J
R	1037 (A,263,149)		RS1/16S104J
R	1039 (A,282,134)	RESISTOR ARRAY	RAB4C104J
R	1046 (B,108,131)		RS1/16S104J
R	1051 (A,121,132)	CARBON FILM RESISTOR	RD1/4MUF221J
R	1052 (A,127,137)		RN1/16SE6801D
R	1053 (A,127,140)		RN1/16SE3901D
R	1054 (A,130,141)		RN1/16SE2200D
R	1061 (A,88,146)		RS1/16S680J
R	1062 (A,87,146)		RS1/16S470J
R	1063 (A,85,146)		RS1/16S470J
R	1064 (A,84,146)		RS1/16S470J
R	1065 (A,82,146)		RS1/16S470J
R	1067 (A,87,132)		RS1/16S820J
R	1081 (A,318,172)	RESISTOR ARRAY	RAB4C104J
R	1082 (A,318,159)	RESISTOR ARRAY	RAB4C104J
R	1083 (A,306,172)	RESISTOR ARRAY	RAB4C104J
R	1085 (A,307,158)		RS1/16S104J
R	1089 (A,323,134)		RS1/16S104J
R	1090 (A,218,173)		RS1/16S104J
R	1091 (A,320,134)		RS1/16S104J

Mark	No.	Description	Part No.
R	1092 (B,298,182)		RS1/16S104J
R	1093 (A,318,134)		RS1/16S104J
R	1094 (A,314,134)	RESISTOR ARRAY	RAB4C104J
R	1096 (A,310,158)		RS1/16S104J
R	1101 (B,46,166)		RS1/16S221J
R	1102 (A,43,167)		RS1/16S101J
R	1103 (A,43,165)		RS1/16S101J
R	1104 (A,43,163)		RS1/16S221J
R	1105 (A,43,162)		RS1/16S101J
R	1106 (B,43,159)		RS1/16S221J
R	1107 (A,43,156)		RS1/16S221J
R	1108 (A,49,154)		RS1/16S0R0J
R	1111 (A,57,162)		RS1/16S470J
R	1112 (A,57,163)		RS1/16S470J
R	1113 (A,57,165)		RS1/16S470J
R	1114 (A,57,166)		RS1/16S221J
R	1115 (B,55,166)		RS1/16S221J
R	1118		RS1/16S0R0J
R	1119		RS1/16S0R0J
R	1121 (A,57,173)		RS1/16S101J
R	1122 (A,46,189)		RS1/16S0R0J
R	1123 (A,58,175)		RS1/16S101J
R	1124 (A,53,171)		RS1/16S470J
R	1125 (A,43,178)		RS1/16S101J
R	1126 (A,43,177)		RS1/16S101J
R	1127 (A,43,175)		RS1/16S221J
R	1128 (A,43,174)		RS1/16S221J
R	1129 (A,43,172)		RS1/16S221J
R	1135 (A,42,181)		RS1/16S0R0J
R	1136 (A,60,184)		RS1/16S0R0J
R	1138		RS1/10S0R0J
R	1139		RS1/16S0R0J
R	1151 (B,45,184)		RS1/16S2001F
R	1152 (B,55,184)		RS1/16S2001F
R	1153 (B,42,184)		RS1/16S2001F
R	1154 (B,58,184)		RS1/16S2001F
R	1155 (B,40,194)		RS1/16S2401F
R	1156 (B,61,194)		RS1/16S2401F
R	1157 (B,47,197)		RS1/16S2401F
R	1158 (B,53,197)		RS1/16S2401F
R	1159 (B,45,197)		RS1/16S1801F
R	1160 (B,55,197)		RS1/16S1801F
R	1161 (A,45,195)		RS1/16S1801F
R	1162 (A,55,195)		RS1/16S1801F
R	1163 (A,47,205)		RS1/16S104J
R	1164 (A,54,205)		RS1/16S104J
R	1165 (A,44,207)	CHIP RESISTOR	RS1/16S2000F
R	1166 (A,57,207)	CHIP RESISTOR	RS1/16S2000F
R	1167 (B,45,211)		RS1/16S0R0J
R	1168 (B,55,211)		RS1/16S0R0J
R	1171 (B,43,216)		RS1/16S0R0J
R	1172 (B,57,216)		RS1/16S0R0J
R	1173 (B,45,188)	CHIP RESISTOR	RS1/16S2400F
R	1174 (B,55,188)	CHIP RESISTOR	RS1/16S2400F
R	1175 (B,40,187)	CHIP RESISTOR	RS1/16S2400F
R	1176 (B,61,187)	CHIP RESISTOR	RS1/16S2400F
R	1201 (B,82,166)		RS1/16S221J
R	1202 (A,79,167)		RS1/16S101J
R	1203 (A,79,165)		RS1/16S101J
R	1204 (A,79,163)		RS1/16S221J
R	1205 (A,79,162)		RS1/16S101J
R	1206 (B,79,159)		RS1/16S221J
R	1207 (A,79,156)		RS1/16S221J
R	1208 (A,85,154)		RS1/16S0R0J
R	1211 (A,93,162)		RS1/16S470J
R	1212 (A,93,163)		RS1/16S470J
R	1213 (A,93,165)		RS1/16S470J
R	1214 (A,93,166)		RS1/16S221J
R	1215 (B,91,166)		RS1/16S221J
R	1218		RS1/16S0R0J
R	1219		RS1/16S0R0J
R	1221 (A,93,173)		RS1/16S101J
R	1222 (A,82,189)		RS1/16S0R0J
R	1223 (A,94,175)		RS1/16S101J
R	1224 (A,89,171)		RS1/16S470J
R	1225 (A,79,178)		RS1/16S101J
R	1226 (A,79,177)		RS1/16S101J
R	1228 (A,79,174)		RS1/16S221J
R	1229 (A,79,172)		RS1/16S221J
R	1231 (A,79,175)		RS1/16S101J
R	1235 (A,78,181)		RS1/16S0R0J
R	1236 (A,96,184)		RS1/16S0R0J
R	1238		RS1/10S0R0J
R	1239		RS1/16S0R0J
R	1251 (B,81,184)		RS1/16S2001F
R	1252 (B,91,184)		RS1/16S2001F
R	1253 (B,78,184)		RS1/16S2001F
R	1254 (B,94,184)		RS1/16S2001F
R	1255 (B,76,194)		RS1/16S2401F
R	1256 (B,97,194)		RS1/16S2401F
R	1257 (B,83,197)		RS1/16S2401F
R	1258 (B,89,197)		RS1/16S2401F
R	1259 (B,81,197)		RS1/16S1801F
R	1260 (B,91,197)		RS1/16S1801F
R	1261 (A,81,195)		RS1/16S1801F
R	1262 (A,91,195)		RS1/16S1801F
R	1263 (A,83,205)		RS1/16S104J
R	1264 (A,90,205)		RS1/16S104J
R	1265 (A,80,207)	CHIP RESISTOR	RS1/16S2000F
R	1266 (A,93,207)	CHIP RESISTOR	RS1/16S2000F
R	1267 (B,81,211)		RS1/16S0R0J
R	1268 (B,91,211)		RS1/16S0R0J
R	1271 (B,79,216)		RS1/16S0R0J
R	1272 (B,93,216)		RS1/16S0R0J
R	1273 (B,81,188)	CHIP RESISTOR	RS1/16S2400F
R	1274 (B,91,188)	CHIP RESISTOR	RS1/16S2400F
R	1275 (B,76,187)	CHIP RESISTOR	RS1/16S2400F
R	1276 (B,97,187)	CHIP RESISTOR	RS1/16S2400F
R	1301 (B,118,166)		RS1/16S221J
R	1302 (A,115,167)		RS1/16S101J
R	1303 (A,115,165)		RS1/16S101J
R	1304 (A,115,163)		RS1/16S221J
R	1305 (A,115,162)		RS1/16S101J
R	1306 (B,115,159)		RS1/16S221J
R	1307 (A,115,156)		RS1/16S221J
R	1308 (A,121,154)		RS1/16S0R0J
R	1311 (A,129,162)		RS1/16S470J
R	1312 (A,129,163)		RS1/16S470J
R	1313 (A,129,165)		RS1/16S470J

Mark	No.	Description	Part No.
R	1314 (A,129,166)		RS1/16S221J
R	1315 (B,127,166)		RS1/16S221J
R	1318		RS1/16S0R0J
R	1319		RS1/16S0R0J
R	1321 (A,129,173)		RS1/16S101J
R	1322 (A,118,189)		RS1/16S0R0J
R	1323 (A,130,175)		RS1/16S101J
R	1324 (A,125,171)		RS1/16S470J
R	1325 (A,115,178)		RS1/16S101J
R	1326 (A,115,177)		RS1/16S101J
R	1328 (A,115,174)		RS1/16S221J
R	1329 (A,115,172)		RS1/16S221J
R	1331 (A,115,175)		RS1/16S101J
R	1335 (A,114,181)		RS1/16S0R0J
R	1336 (A,132,184)		RS1/16S0R0J
R	1338		RS1/10S0R0J
R	1339		RS1/16S0R0J
R	1351 (B,117,184)		RS1/16S2001F
R	1352 (B,127,184)		RS1/16S2001F
R	1353 (B,114,184)		RS1/16S2001F
R	1354 (B,130,184)		RS1/16S2001F
R	1355 (B,112,194)		RS1/16S2401F
R	1356 (B,133,194)		RS1/16S2401F
R	1357 (B,119,197)		RS1/16S2401F
R	1358 (B,125,197)		RS1/16S2401F
R	1359 (B,117,197)		RS1/16S1801F
R	1360 (B,127,197)		RS1/16S1801F
R	1361 (A,117,195)		RS1/16S1801F
R	1362 (A,127,195)		RS1/16S1801F
R	1363 (A,119,205)		RS1/16S104J
R	1364 (A,126,205)		RS1/16S104J
R	1365 (A,116,207)	CHIP RESISTOR	RS1/16S2000F
R	1366 (A,129,207)	CHIP RESISTOR	RS1/16S2000F
R	1367 (B,117,211)		RS1/16S0R0J
R	1368 (B,127,211)		RS1/16S0R0J
R	1371 (B,115,216)		RS1/16S0R0J
R	1372 (B,129,216)		RS1/16S0R0J
R	1373 (B,117,188)	CHIP RESISTOR	RS1/16S2400F
R	1374 (B,127,188)	CHIP RESISTOR	RS1/16S2400F
R	1375 (B,112,187)	CHIP RESISTOR	RS1/16S2400F
R	1376 (B,133,187)	CHIP RESISTOR	RS1/16S2400F
R	1401 (B,190,166)		RS1/16S221J
R	1402 (A,187,167)		RS1/16S101J
R	1403 (A,187,165)		RS1/16S101J
R	1404 (A,187,163)		RS1/16S221J
R	1405 (A,187,162)		RS1/16S101J
R	1406 (B,187,159)		RS1/16S221J
R	1407 (A,187,156)		RS1/16S221J
R	1408 (A,193,154)		RS1/16S0R0J
R	1411 (A,201,162)		RS1/16S470J
R	1412 (A,201,163)		RS1/16S470J
R	1413 (A,201,165)		RS1/16S470J
R	1414 (A,201,166)		RS1/16S221J
R	1415 (B,199,166)		RS1/16S221J
R	1418		RS1/16S0R0J
R	1419		RS1/16S0R0J
R	1421 (A,201,173)		RS1/16S101J
R	1422 (A,190,189)		RS1/16S0R0J
R	1423 (A,202,175)		RS1/16S101J

Mark	No.	Description	Part No.
R	1424 (A,197,171)		RS1/16S470J
R	1425 (A,187,178)		RS1/16S101J
R	1426 (A,187,177)		RS1/16S101J
R	1428 (A,187,174)		RS1/16S221J
R	1429 (A,187,172)		RS1/16S221J
R	1431 (A,187,175)		RS1/16S101J
R	1435 (A,186,181)		RS1/16S0R0J
R	1436 (A,204,184)		RS1/16S0R0J
R	1438		RS1/10S0R0J
R	1439		RS1/16S0R0J
R	1451 (B,189,184)		RS1/16S2001F
R	1452 (B,199,184)		RS1/16S2001F
R	1453 (B,186,184)		RS1/16S2001F
R	1454 (B,202,184)		RS1/16S2001F
R	1455 (B,184,194)		RS1/16S2401F
R	1456 (B,205,194)		RS1/16S2401F
R	1457 (B,191,197)		RS1/16S2401F
R	1458 (B,197,197)		RS1/16S2401F
R	1459 (B,189,197)		RS1/16S1801F
R	1460 (B,199,197)		RS1/16S1801F
R	1461 (A,189,195)		RS1/16S1801F
R	1462 (A,199,195)		RS1/16S1801F
R	1463 (A,191,205)		RS1/16S104J
R	1464 (A,198,205)		RS1/16S104J
R	1465 (A,188,207)	CHIP RESISTOR	RS1/16S2000F
R	1466 (A,201,207)	CHIP RESISTOR	RS1/16S2000F
R	1467 (B,189,211)		RS1/16S0R0J
R	1468 (B,199,211)		RS1/16S0R0J
R	1471 (B,187,216)		RS1/16S0R0J
R	1472 (B,201,216)		RS1/16S0R0J
R	1473 (B,189,188)	CHIP RESISTOR	RS1/16S2400F
R	1474 (B,199,188)	CHIP RESISTOR	RS1/16S2400F
R	1475 (B,184,187)	CHIP RESISTOR	RS1/16S2400F
R	1476 (B,205,187)	CHIP RESISTOR	RS1/16S2400F
R	1501 (B,154,166)		RS1/16S221J
R	1502 (A,151,167)		RS1/16S101J
R	1503 (A,151,165)		RS1/16S101J
R	1504 (A,151,163)		RS1/16S221J
R	1505 (A,151,162)		RS1/16S101J
R	1506 (B,151,159)		RS1/16S221J
R	1507 (A,151,156)		RS1/16S221J
R	1508 (A,157,154)		RS1/16S0R0J
R	1511 (A,165,162)		RS1/16S470J
R	1512 (A,165,163)		RS1/16S470J
R	1513 (A,165,165)		RS1/16S470J
R	1514 (A,165,166)		RS1/16S221J
R	1515 (B,163,166)		RS1/16S221J
R	1518		RS1/16S0R0J
R	1519		RS1/16S0R0J
R	1521 (A,165,173)		RS1/16S101J
R	1522 (A,154,189)		RS1/16S0R0J
R	1523 (A,166,175)		RS1/16S101J
R	1524 (A,161,171)		RS1/16S470J
R	1525 (A,151,178)		RS1/16S101J
R	1526 (A,151,177)		RS1/16S101J
R	1528 (A,151,174)		RS1/16S221J
R	1529 (A,151,172)		RS1/16S221J
R	1531 (A,151,175)		RS1/16S101J
R	1535 (A,150,181)		RS1/16S0R0J

Mark	No.	Description	Part No.
R	1536 (A,168,184)		RS1/16S0R0J
R	1538		RS1/10S0R0J
R	1539		RS1/16S0R0J
R	1551 (B,153,184)		RS1/16S2001F
R	1552 (B,163,184)		RS1/16S2001F
R	1553 (B,150,184)		RS1/16S2001F
R	1554 (B,166,184)		RS1/16S2001F
R	1555 (B,148,194)		RS1/16S2401F
R	1556 (B,169,194)		RS1/16S2401F
R	1557 (B,155,197)		RS1/16S2401F
R	1558 (B,161,197)		RS1/16S2401F
R	1559 (B,153,197)		RS1/16S1801F
R	1560 (B,163,197)		RS1/16S1801F
R	1561 (A,153,195)		RS1/16S1801F
R	1562 (A,163,195)		RS1/16S1801F
R	1563 (A,155,205)		RS1/16S104J
R	1564 (A,162,205)		RS1/16S104J
R	1565 (A,152,207)	CHIP RESISTOR	RS1/16S2000F
R	1566 (A,165,207)	CHIP RESISTOR	RS1/16S2000F
R	1567 (B,153,211)		RS1/16S0R0J
R	1568 (B,163,211)		RS1/16S0R0J
R	1571 (B,151,216)		RS1/16S0R0J
R	1572 (B,165,216)		RS1/16S0R0J
R	1573 (B,153,188)	CHIP RESISTOR	RS1/16S2400F
R	1574 (B,163,188)	CHIP RESISTOR	RS1/16S2400F
R	1575 (B,148,187)	CHIP RESISTOR	RS1/16S2400F
R	1576 (B,169,187)	CHIP RESISTOR	RS1/16S2400F
R	1601 (B,226,166)		RS1/16S221J
R	1602 (A,223,167)		RS1/16S221J
R	1603 (A,223,165)		RS1/16S101J
R	1604 (A,223,163)		RS1/16S221J
R	1605 (A,223,162)		RS1/16S101J
R	1606 (B,223,159)		RS1/16S221J
R	1607 (A,223,156)		RS1/16S221J
R	1608 (A,229,154)		RS1/16S0R0J
R	1611 (A,237,162)		RS1/16S470J
R	1612 (A,237,163)		RS1/16S470J
R	1613 (A,237,165)		RS1/16S470J
R	1614 (A,237,166)		RS1/16S221J
R	1615 (B,235,166)		RS1/16S221J
R	1618		RS1/16S0R0J
R	1619		RS1/16S0R0J
R	1621 (A,237,173)		RS1/16S101J
R	1622 (A,226,189)		RS1/16S0R0J
R	1623 (A,238,175)		RS1/16S101J
R	1624 (A,233,171)		RS1/16S470J
R	1626 (A,223,177)		RS1/16S101J
R	1628 (A,223,174)		RS1/16S221J
R	1629 (A,223,172)		RS1/16S221J
R	1631 (A,223,175)		RS1/16S101J
R	1635 (A,222,181)		RS1/16S0R0J
R	1636 (A,240,184)		RS1/16S0R0J
R	1638		RS1/10S0R0J
R	1639		RS1/16S0R0J
R	1651 (B,225,184)		RS1/16S2001F
R	1652 (B,235,184)		RS1/16S2001F
R	1653 (B,222,184)		RS1/16S2001F
R	1654 (B,238,184)		RS1/16S2001F
R	1655 (B,220,194)		RS1/16S2401F

Mark	No.	Description	Part No.
R	1656 (B,241,194)		RS1/16S2401F
R	1657 (B,227,197)		RS1/16S2401F
R	1658 (B,233,197)		RS1/16S2401F
R	1659 (B,225,197)		RS1/16S1801F
R	1660 (B,235,197)		RS1/16S1801F
R	1661 (A,225,195)		RS1/16S1801F
R	1662 (A,235,195)		RS1/16S1801F
R	1663 (A,227,205)		RS1/16S104J
R	1664 (A,234,205)		RS1/16S104J
R	1665 (A,224,207)	CHIP RESISTOR	RS1/16S2000F
R	1666 (A,237,207)	CHIP RESISTOR	RS1/16S2000F
R	1667 (B,225,211)		RS1/16S0R0J
R	1668 (B,235,211)		RS1/16S0R0J
R	1671 (B,223,216)		RS1/16S0R0J
R	1672 (B,237,216)		RS1/16S0R0J
R	1673 (B,225,188)	CHIP RESISTOR	RS1/16S2400F
R	1674 (B,235,188)	CHIP RESISTOR	RS1/16S2400F
R	1675 (B,220,187)	CHIP RESISTOR	RS1/16S2400F
R	1676 (B,241,187)	CHIP RESISTOR	RS1/16S2400F
R	1718		RS1/16S0R0J
R	1719		RS1/16S0R0J
R	1738		RS1/10S0R0J
R	1739		RS1/16S0R0J
R	1779		RS1/16S0R0J
R	1780		RS1/16S0R0J
R	1801 (A,288,182)		RS1/16S101J
R	1802 (A,290,182)		RS1/16S101J
R	1803 (A,291,182)		RS1/16S101J
R	1804 (A,293,182)		RS1/16S101J
R	1805 (A,297,182)		RAB4C221J
R	1806 (B,297,195)		RS1/16S0R0J
R	1809 (A,289,196)		RS1/16S4R7J
R	1810		RS1/16S0R0J
R	1811 (B,286,204)		RS1/16S223J
R	1812 (B,300,204)		RS1/16S223J
R	1813 (A,285,205)		RS1/16S302J
R	1814 (A,300,205)		RS1/16S302J
R	1815 (A,286,205)		RS1/16S392J
R	1816 (A,299,205)		RS1/16S392J
R	1817 (B,289,208)		RS1/16S332J
R	1818 (B,296,208)		RS1/16S332J
R	1819 (A,286,208)		RS1/16S332J
R	1820 (A,299,208)		RS1/16S332J
R	1821 (A,288,211)		RS1/16S101J
R	1822 (A,297,211)		RS1/16S101J
R	1823 (B,290,219)		RS1/16S104J
R	1824 (B,296,219)		RS1/16S104J
R	1827		RS1/16S0R0J
R	1828		RS1/16S0R0J
R	1851 (A,309,183)		RS1/16S101J
R	1852 (A,311,183)		RS1/16S101J
R	1853 (A,312,183)		RS1/16S101J
R	1854 (A,314,183)		RS1/16S101J
R	1855 (A,318,183)		RAB4C221J
R	1856 (B,318,195)		RS1/16S0R0J
R	1859 (A,310,196)		RS1/16S4R7J
R	1860		RS1/16S0R0J
R	1861 (B,307,204)		RS1/16S223J
R	1862 (B,321,204)		RS1/16S223J

Mark	No.	Description	Part No.
R	1863	(A,306,205)	RS1/16S302J
R	1864	(A,321,205)	RS1/16S302J
R	1865	(A,307,205)	RS1/16S392J
R	1866	(A,320,205)	RS1/16S392J
R	1867	(B,310,208)	RS1/16S332J
R	1868	(B,317,208)	RS1/16S332J
R	1869	(A,307,208)	RS1/16S332J
R	1870	(A,320,208)	RS1/16S332J
R	1871	(A,309,211)	RS1/16S101J
R	1872	(A,318,211)	RS1/16S101J
R	1873	(B,311,219)	RS1/16S104J
R	1874	(B,317,219)	RS1/16S104J
R	1877		RS1/16S0R0J
R	1878		RS1/16S0R0J
R	1891	(A,304,134) RESISTOR ARRAY	RAB4C104J
R	1892	(A,298,135) RESISTOR ARRAY	RAB4C104J
R	1901	(A,28,140)	RS1/16S0R0J
R	1902	(A,28,138)	RS1/16S0R0J
R	1903	(A,28,136)	RS1/16S0R0J
R	1904	(A,28,134)	RS1/16S0R0J
R	1905	(A,28,132)	RS1/16S0R0J
R	1906	(B,29,140)	RS1/16S0R0J
R	1907	(B,29,138)	RS1/16S0R0J
R	1908	(B,29,136)	RS1/16S0R0J
R	1909	(B,29,134)	RS1/16S0R0J
R	1910	(B,29,132)	RS1/16S0R0J
R	1911	(A,43,140)	RS1/16S0R0J
R	1912	(A,43,132)	RS1/16S0R0J
R	1913	(A,43,130)	RS1/16S0R0J
R	1914	(B,42,140)	RS1/16S0R0J
R	1915	(B,45,130)	RS1/16S0R0J
R	1916	(B,45,127)	RS1/16S0R0J
R	1917	(A,142,136)	RS1/16S0R0J
R	1918	(A,142,132)	RS1/16S0R0J
R	1919	(B,142,136)	RS1/16S0R0J
R	1920	(B,142,132)	RS1/16S0R0J
R	1921	(A,142,139)	RS1/16S0R0J
R	1922	(B,142,139)	RS1/16S0R0J
R	1931	(A,19,212)	RS1/16S0R0J
R	1932	(A,21,212)	RS1/16S0R0J
R	1933	(A,22,212)	RS1/16S0R0J
R	1934	(A,24,212)	RS1/16S0R0J
R	1935	(B,19,211)	RS1/16S0R0J
R	1936	(B,21,211)	RS1/16S0R0J
R	1937	(B,23,211)	RS1/16S0R0J
R	1938	(B,26,211)	RS1/16S0R0J
R	1941	(A,29,224)	RS1/16S0R0J
R	1942	(A,29,222)	RS1/16S0R0J
R	1943	(A,29,221)	RS1/16S0R0J
R	1944	(A,29,219)	RS1/16S0R0J
R	1951	(A,42,236)	RS1/16S0R0J
R	1952	(A,42,234)	RS1/16S0R0J
R	1953	(A,42,232)	RS1/16S0R0J
R	1954	(A,42,230)	RS1/16S0R0J
R	1955	(B,43,234)	RS1/16S0R0J
R	1956	(B,43,232)	RS1/16S0R0J
R	1957	(B,43,229)	RS1/16S0R0J
R	1958	(B,43,227)	RS1/16S0R0J
R	1963	(A,32,148)	RS1/16S0R0J
R	1964	(A,32,146)	RS1/16S0R0J
R	1965	(A,31,142)	RS1/16S0R0J
R	1967	(B,21,142)	RS1/16S0R0J
R	1969	(B,32,153)	RS1/16S0R0J
R	1970	(B,32,148)	RS1/16S0R0J
R	1971	(A,20,142)	RS1/16S0R0J
R	1972	(A,21,142)	RS1/16S0R0J
R	1973	(A,23,142)	RS1/16S0R0J
R	1974	(A,24,142)	RS1/16S0R0J
R	1975	(A,26,142)	RS1/16S0R0J
R	1984	(A,105,229)	RS1/16S0R0J

CAPACITORS

C	1001	(A,97,139) OS CAPACITOR	ACH7204
C	1003	(A,287,138)	CKSRYB103K50
C	1004	(A,267,138)	CKSRYB104K16
C	1005	(A,267,139)	CKSRYB471K50
C	1006	(A,101,138)	CKSRYB104K16
C	1007	(A,103,138)	CKSRYB471K50
C	1008	(A,92,139)	CKSRYB104K16
C	1009	(A,91,139)	CKSRYB471K50
C	1010	(A,237,134) ELECT. CAPACITOR	CEHAZL221M10
C	1011	(A,90,143)	CCSRCH101J50
C	1012	(A,92,143)	CKSRYB102K50
C	1013	(A,79,145)	CKSRYB102K50
C	1014	(A,80,145)	CCSRCH101J50
C	1015	(A,83,133)	CKSRYB102K50
C	1016	(A,81,133)	CCSRCH101J50
C	1017	(A,90,136)	CCSRCH101J50
C	1018	(A,92,136)	CKSRYB102K50
C	1019	(B,84,142)	CKSRYB104K16
C	1020	(B,87,142)	CKSRYB104K16
C	1021	(B,83,134)	CKSRYB104K16
C	1022	(B,88,134)	CKSRYB104K16
C	1050	(A,225,134) ELECT. CAPACITOR	ACH7268
C	1051	(B,231,134)	CKSRYB224K16
C	1052	(B,20,149)	CKSRYB224K16
C	1053	(A,165,136)	CKSRYB104K16
C	1055	(A,151,137) ELECT. CAPACITOR	CEHAZL101M10
C	1056	(A,202,136)	CKSRYB104K16
C	1058	(A,188,137) ELECT. CAPACITOR	CEHAZL101M10
C	1059	(A,126,137)	CKSRYB105K6R3
C	1060	(A,121,136) OS CAPACITOR	ACH7204
C	1061	(A,115,135)	CKSRYB104K16
C	1069	(A,19,159) ELECT. CAPACITOR	ACH7268
C	1070	(A,19,167)	CKSRYB104K16
C	1072	(A,26,156) ELECT. CAPACITOR	CEHAZL101M10
C	1077	(B,106,230)	CKSRYB473K25
C	1078	(B,101,230)	CKSRYB473K25
C	1079	(A,19,152) ELECT. CAPACITOR	ACH7268
C	1081	(A,323,163)	CKSRYB104K16
C	1082	(A,311,163)	CKSRYB104K16
C	1101	(A,37,160) OS CAPACITOR	ACH7204
C	1102	(A,42,160)	CKSRYB104K16
C	1103	(A,43,160)	CKSRYB471K50
C	1104	(A,63,160) OS CAPACITOR	ACH7204
C	1105	(A,59,160)	CKSRYB104K16
C	1106	(A,57,160)	CKSRYB471K50
C	1121	(A,63,173) OS CAPACITOR	ACH7204
C	1122	(A,59,178)	CKSRYB104K16

Mark	No.	Description	Part No.
C	1123 (A,57,178)		CKSRYB103K50
C	1124 (A,49,187)	OS CAPACITOR	ACH7203
C	1125 (A,46,184)		CKSRYB104K16
C	1126 (A,57,181)		CKSRYB104K16
C	1127 (A,44,181)		CKSRYB104K16
C	1151 (A,37,178)	ELECT. CAPACITOR	ACH7268
C	1152 (A,63,178)	ELECT. CAPACITOR	ACH7268
C	1153 (A,44,184)		CKSRYB105K6R3
C	1154 (A,57,184)		CKSRYB105K6R3
C	1155 (A,37,191)	PORYPROPYLENE FILM C	VCE1041
C	1156 (A,58,191)	PORYPROPYLENE FILM C	VCE1041
C	1157 (A,37,197)	PORYPROPYRENE FILM C	VCE1040
C	1158 (A,58,197)	PORYPROPYRENE FILM C	VCE1040
C	1159 (A,37,203)	PORYPROPYRENE FILM C	VCE1040
C	1160 (A,63,203)	PORYPROPYRENE FILM C	VCE1040
C	1161 (A,39,208)	ELECT. CAPACITOR	ACH7198
C	1162 (A,62,208)	ELECT. CAPACITOR	ACH7198
C	1163 (A,47,207)		CKSRYB682K50
C	1164 (A,54,207)		CKSRYB682K50
C	1165 (A,62,215)	ELECT. CAPACITOR	ACH7211
C	1166 (A,39,218)	ELECT. CAPACITOR	ACH7211
C	1167 (A,52,204)		CKSRYB103K50
C	1168 (A,48,204)		CKSRYB103K50
C	1201 (A,73,160)	OS CAPACITOR	ACH7204
C	1202 (A,78,160)		CKSRYB104K16
C	1203 (A,79,160)		CKSRYB471K50
C	1204 (A,99,160)	OS CAPACITOR	ACH7204
C	1205 (A,95,160)		CKSRYB104K16
C	1206 (A,93,160)		CKSRYB471K50
C	1221 (A,99,173)	OS CAPACITOR	ACH7204
C	1222 (A,95,178)		CKSRYB104K16
C	1223 (A,93,178)		CKSRYB103K50
C	1224 (A,85,187)	OS CAPACITOR	ACH7203
C	1225 (A,82,184)		CKSRYB104K16
C	1226 (A,93,181)		CKSRYB104K16
C	1227 (A,80,181)		CKSRYB104K16
C	1251 (A,73,178)	ELECT. CAPACITOR	ACH7268
C	1252 (A,99,178)	ELECT. CAPACITOR	ACH7268
C	1253 (A,80,184)		CKSRYB105K6R3
C	1254 (A,93,184)		CKSRYB105K6R3
C	1255 (A,73,191)	PORYPROPYLENE FILM C	VCE1041
C	1256 (A,94,191)	PORYPROPYLENE FILM C	VCE1041
C	1257 (A,73,197)	PORYPROPYRENE FILM C	VCE1040
C	1258 (A,94,197)	PORYPROPYRENE FILM C	VCE1040
C	1259 (A,73,203)	PORYPROPYRENE FILM C	VCE1040
C	1260 (A,99,203)	PORYPROPYRENE FILM C	VCE1040
C	1261 (A,75,208)	ELECT. CAPACITOR	ACH7198
C	1262 (A,98,208)	ELECT. CAPACITOR	ACH7198
C	1263 (A,83,207)		CKSRYB682K50
C	1264 (A,90,207)		CKSRYB682K50
C	1265 (A,98,215)	ELECT. CAPACITOR	ACH7211
C	1266 (A,75,218)	ELECT. CAPACITOR	ACH7211
C	1267 (A,88,204)		CKSRYB103K50
C	1268 (A,84,204)		CKSRYB103K50
C	1301 (A,109,160)	OS CAPACITOR	ACH7204
C	1302 (A,114,160)		CKSRYB104K16
C	1303 (A,115,160)		CKSRYB471K50
C	1304 (A,135,160)	OS CAPACITOR	ACH7204
C	1305 (A,131,160)		CKSRYB104K16
C	1306 (A,129,160)		CKSRYB471K50
C	1321 (A,135,173)	OS CAPACITOR	ACH7204
C	1322 (A,131,178)		CKSRYB104K16
C	1323 (A,129,178)		CKSRYB103K50
C	1324 (A,121,187)	OS CAPACITOR	ACH7203
C	1325 (A,118,184)		CKSRYB104K16
C	1326 (A,129,181)		CKSRYB104K16
C	1327 (A,116,181)		CKSRYB104K16
C	1351 (A,109,178)	ELECT. CAPACITOR	ACH7268
C	1352 (A,135,178)	ELECT. CAPACITOR	ACH7268
C	1353 (A,116,184)		CKSRYB105K6R3
C	1354 (A,129,184)		CKSRYB105K6R3
C	1355 (A,109,191)	PORYPROPYLENE FILM C	VCE1041
C	1356 (A,130,191)	PORYPROPYLENE FILM C	VCE1041
C	1357 (A,109,197)	PORYPROPYRENE FILM C	VCE1040
C	1358 (A,130,197)	PORYPROPYRENE FILM C	VCE1040
C	1359 (A,109,203)	PORYPROPYRENE FILM C	VCE1040
C	1360 (A,135,203)	PORYPROPYRENE FILM C	VCE1040
C	1361 (A,111,208)	ELECT. CAPACITOR	ACH7198
C	1362 (A,134,208)	ELECT. CAPACITOR	ACH7198
C	1363 (A,119,207)		CKSRYB682K50
C	1364 (A,126,207)		CKSRYB682K50
C	1365 (A,134,215)	ELECT. CAPACITOR	ACH7211
C	1366 (A,111,218)	ELECT. CAPACITOR	ACH7211
C	1367 (A,124,204)		CKSRYB103K50
C	1368 (A,120,204)		CKSRYB103K50
C	1401 (A,181,160)	OS CAPACITOR	ACH7204
C	1402 (A,186,160)		CKSRYB471K50
C	1403 (A,187,160)		CKSRYB104K16
C	1404 (A,207,160)	OS CAPACITOR	ACH7204
C	1405 (A,203,160)		CKSRYB104K16
C	1406 (A,201,160)		CKSRYB471K50
C	1421 (A,207,173)	OS CAPACITOR	ACH7204
C	1422 (A,203,178)		CKSRYB104K16
C	1423 (A,201,178)		CKSRYB103K50
C	1424 (A,193,187)	OS CAPACITOR	ACH7203
C	1425 (A,190,184)		CKSRYB104K16
C	1426 (A,201,181)		CKSRYB104K16
C	1427 (A,188,181)		CKSRYB104K16
C	1451 (A,181,178)	ELECT. CAPACITOR	ACH7268
C	1452 (A,207,178)	ELECT. CAPACITOR	ACH7268
C	1453 (A,188,184)		CKSRYB105K6R3
C	1454 (A,201,184)		CKSRYB105K6R3
C	1455 (A,181,191)	PORYPROPYLENE FILM C	VCE1041
C	1456 (A,202,191)	PORYPROPYLENE FILM C	VCE1041
C	1457 (A,181,197)	PORYPROPYRENE FILM C	VCE1040
C	1458 (A,202,197)	PORYPROPYRENE FILM C	VCE1040
C	1459 (A,181,203)	PORYPROPYRENE FILM C	VCE1040
C	1460 (A,207,203)	PORYPROPYRENE FILM C	VCE1040
C	1461 (A,183,208)	ELECT. CAPACITOR	ACH7198
C	1462 (A,206,208)	ELECT. CAPACITOR	ACH7198
C	1463 (A,191,207)		CKSRYB682K50
C	1464 (A,198,207)		CKSRYB682K50
C	1465 (A,206,215)	ELECT. CAPACITOR	ACH7211
C	1466 (A,183,218)	ELECT. CAPACITOR	ACH7211
C	1467 (A,196,204)		CKSRYB103K50
C	1468 (A,192,204)		CKSRYB103K50
C	1501 (A,145,160)	OS CAPACITOR	ACH7204
C	1502 (A,150,160)		CKSRYB104K16

Mark	No.	Description	Part No.
C	1503 (A,151,160)		CKSRYB471K50
C	1504 (A,171,160)	OS CAPACITOR	ACH7204
C	1505 (A,167,160)		CKSRYB104K16
C	1506 (A,165,160)		CKSRYB471K50
C	1521 (A,171,173)	OS CAPACITOR	ACH7204
C	1522 (A,167,178)		CKSRYB104K16
C	1523 (A,165,178)		CKSRYB103K50
C	1524 (A,157,187)	OS CAPACITOR	ACH7203
C	1525 (A,154,184)		CKSRYB104K16
C	1526 (A,165,181)		CKSRYB104K16
C	1527 (A,152,181)		CKSRYB104K16
C	1551 (A,145,178)	ELECT. CAPACITOR	ACH7268
C	1552 (A,171,178)	ELECT. CAPACITOR	ACH7268
C	1553 (A,152,184)		CKSRYB105K6R3
C	1554 (A,165,184)		CKSRYB105K6R3
C	1555 (A,145,191)	PORYPROPYLENE FILM C	VCE1041
C	1556 (A,166,191)	PORYPROPYLENE FILM C	VCE1041
C	1557 (A,145,197)	PORYPROPYRENE FILM C	VCE1040
C	1558 (A,166,197)	PORYPROPYRENE FILM C	VCE1040
C	1559 (A,145,203)	PORYPROPYRENE FILM C	VCE1040
C	1560 (A,171,203)	PORYPROPYRENE FILM C	VCE1040
C	1561 (A,147,208)	ELECT. CAPACITOR	ACH7198
C	1562 (A,170,208)	ELECT. CAPACITOR	ACH7198
C	1563 (A,155,207)		CKSRYB682K50
C	1564 (A,162,207)		CKSRYB682K50
C	1565 (A,170,215)	ELECT. CAPACITOR	ACH7211
C	1566 (A,147,218)	ELECT. CAPACITOR	ACH7211
C	1567 (A,160,204)		CKSRYB103K50
C	1568 (A,156,204)		CKSRYB103K50
C	1601 (A,217,160)	OS CAPACITOR	ACH7204
C	1602 (A,222,160)		CKSRYB104K16
C	1603 (A,223,160)		CKSRYB471K50
C	1604 (A,243,160)	OS CAPACITOR	ACH7204
C	1605 (A,239,160)		CKSRYB104K16
C	1606 (A,237,160)		CKSRYB471K50
C	1621 (A,243,173)	OS CAPACITOR	ACH7204
C	1622 (A,239,178)		CKSRYB104K16
C	1623 (A,237,178)		CKSRYB103K50
C	1624 (A,229,187)	OS CAPACITOR	ACH7203
C	1625 (A,226,184)		CKSRYB104K16
C	1626 (A,237,181)		CKSRYB104K16
C	1627 (A,224,181)		CKSRYB104K16
C	1651 (A,217,178)	ELECT. CAPACITOR	ACH7268
C	1652 (A,243,178)	ELECT. CAPACITOR	ACH7268
C	1653 (A,224,184)		CKSRYB105K6R3
C	1654 (A,237,184)		CKSRYB105K6R3
C	1655 (A,217,191)	PORYPROPYLENE FILM C	VCE1041
C	1656 (A,238,191)	PORYPROPYLENE FILM C	VCE1041
C	1657 (A,217,197)	PORYPROPYRENE FILM C	VCE1040
C	1658 (A,238,197)	PORYPROPYRENE FILM C	VCE1040
C	1659 (A,217,203)	PORYPROPYRENE FILM C	VCE1040
C	1660 (A,243,203)	PORYPROPYRENE FILM C	VCE1040
C	1661 (A,219,208)	ELECT. CAPACITOR	ACH7198
C	1662 (A,242,208)	ELECT. CAPACITOR	ACH7198
C	1663 (A,227,207)		CKSRYB682K50
C	1664 (A,234,207)		CKSRYB682K50
C	1665 (A,242,215)	ELECT. CAPACITOR	ACH7211
C	1666 (A,219,218)	ELECT. CAPACITOR	ACH7211
C	1667 (A,232,204)		CKSRYB103K50
C	1668 (A,228,204)		CKSRYB103K50

Mark	No.	Description	Part No.
C	1801 (A,285,191)		CEAT470M16
C	1802 (A,289,189)		CKSRYB104K16
C	1803 (A,300,191)		CEAT100M50
C	1804 (A,292,196)		CKSRYB104K16
C	1805 (A,292,195)		CKSRYB471K50
C	1810 (A,297,189)		CKSRYB104K16
C	1811 (A,288,200)	ELECT. CAPACITOR	CEAT220M50
C	1812 (A,298,200)	ELECT. CAPACITOR	CEAT220M50
C	1813 (B,289,204)		CCSRCH471J50
C	1814 (B,296,204)		CCSRCH471J50
C	1815 (A,285,208)		CCSRCH391J50
C	1816 (A,300,208)		CCSRCH391J50
C	1817 (A,287,214)		CEAT4R7M50
C	1818 (A,298,214)		CEAT4R7M50
C	1819 (A,294,211)		CKSRYB103K50
C	1820 (A,291,211)		CKSRYB103K50
C	1851 (A,306,191)		CEAT470M16
C	1852 (A,310,189)		CKSRYB104K16
C	1853 (A,321,191)		CEAT100M50
C	1854 (A,313,196)		CKSRYB104K16
C	1855 (A,313,195)		CKSRYB471K50
C	1860 (A,318,189)		CKSRYB104K16
C	1861 (A,309,200)	ELECT. CAPACITOR	CEAT220M50
C	1862 (A,319,200)	ELECT. CAPACITOR	CEAT220M50
C	1863 (B,310,204)		CCSRCH471J50
C	1864 (B,317,204)		CCSRCH471J50
C	1865 (A,306,208)		CCSRCH391J50
C	1866 (A,321,208)		CCSRCH391J50
C	1867 (A,308,214)		CEAT4R7M50
C	1868 (A,319,214)		CEAT4R7M50
C	1869 (A,315,211)		CKSRYB103K50
C	1870 (A,312,211)		CKSRYB103K50

THN MODULE ASSY

SEMICONDUCTORS

NSP	IC 7703	AYW7222

MISCELLANEOUS

NSP	7601 ID LABEL ASSY	AXW7017

Block Name: 8620 BLOCK(U)

SEMICONDUCTORS

	IC 7601	EM8620L-LFC

MISCELLANEOUS

F	7601,7602 CHIP FERRITE BEAD	ATX1066
X	7601 CRYSTAL(27MHZ)	ASS1218

RESISTORS

R	7646,7647	RS1/16SS1400F
R	7649-7651	RAB4CQ330J
R	7652-7654	RAB4CQ103J
	Other Resistors	RS1/16SS###J

CAPACITORS

C	7601-7609	DCH1201

Mark	No.	Description	Part No.
C	7610,7611		CCSSCH7R0D50
C	7612,7613,7615-7639		CKSSYB104K10

Block Name: 8620 DDR BLOCK(U)

SEMICONDUCTORS

IC	7701,7702		HY5DU561622ETPJC

MISCELLANEOUS

F	7701	CHIP SOLID INDUCTOR	ATL7002

RESISTORS

R	7709,7710		RS1/16SS1001F
R	7711-7718		RAB4CQ560J
Other Resistors			RS1/16SS###J

CAPACITORS

C	7701-7717		CKSSYB104K10
C	7722-7726		DCH1201

Block Name: ETHERNET BLOCK(U)

SEMICONDUCTORS

IC	7751		TC74LCX125FTS1
IC	7753		BR93L46RFJ-W
IC	7754		RTL8100CL-LF
Q	7751		2SB1197K

MISCELLANEOUS

F	7751-7753	CHIP SOLID INDUCTOR	ATL7002
JA	7752	RJ45C ONNECTOR TRNS	AKP1307
X	7751	CRYSTAL(25MHZ)	ASS1219
	7752,7753	SCREW TERMINAL	VNE1949

RESISTORS

R	7753		RS1/16SS5601F
R	7754,7755,7757,7758		RS1/16SS49R9F
Other Resistors			RS1/16SS###J

CAPACITORS

C	7751		BCG1059
C	7754,7755		CCSSCH7R0D50
C	7756,7757		CKSSYB103K25
C	7758,7759,7762		CKSSYB104K10
C	7764-7779		CKSSYB104K10

Block Name: HNM USB BLOCK(U)

SEMICONDUCTORS

IC	7801		VT6212L-G
IC	7803		R5523N001B

MISCELLANEOUS

L	7801	CHOKE COIL	ATH1160
F	7802-7804	CHIP SOLID INDUCTOR	ATL7002
F	7806	CHIP SOLID INDUCTOR	ATL7002
X	7801	CRYSTAL(24MHZ)	ASS1221
CN	7801	PLUG(5P)	KM200NA5LR

RESISTORS

R	7803		RS1/16SS5111F
R	7806		RS1/16SS1021F
R	7827		RS1/10S0R0J
R	7831,7832		RS1/16S0R0J
Other Resistors			RS1/16SS###J

CAPACITORS

C	7801-7803		DCH1201
C	7806,7807		CCSSCH200J50
C	7808		CEHVKW221M10
C	7809-7823		CKSSYB104K10
C	7824		CEHVKW100M16

Block Name: HNM IO BLOCK(U)

SEMICONDUCTORS

IC	7852,7855		TC74LCX04FTS1
IC	7853		NJM2746V
IC	7856		WM8728SEDS
IC	7857		TC74LCX125FTS1
Q	7852-7854,7858		2SA1586

MISCELLANEOUS

F	7851-7858	CHIP FERRITE BEAD	ATX1066
X	7851	CRYSTAL(33MHZ)	ASS1216
CN	7851	FFC CONNECTOR 20P RA	AKM1383

RESISTORS

R	7851		RS1/16SS37R4F
R	7859,7861,7875		RS1/16SS75R0F
R	7876,7886		RS1/16SS1501F
R	7877,7887		RS1/16SS6801F
R	7879,7888		RS1/16SS3301F
R	7880,7893		RS1/16SS5101F
R	7895-7897		RS1/16SS75R0F
Other Resistors			RS1/16SS###J

CAPACITORS

C	7851,7853,7855-7858		CKSSYB104K10
C	7852,7859,7860,7881		DCH1201
C	7861-7863,7865		CKSSYB104K10
C	7868,7871,7872,7874		CCSSCH220J50
C	7875		CKSSYB103K25
C	7876,7877		CCSSCH220J50
C	7880,7884		CCSRCH102J50
C	7882,7886		CCSRCH821J50
C	7883,7885,7887		DCH1201

Block Name: HNM POWER BLOCK(U)

SEMICONDUCTORS

IC	7901		LM2664M6X
IC	7902		NJM2846DL3-25
IC	7903,7904		LTC3412EFE
D	7901,7902		RB051L-40

MISCELLANEOUS

L	7901	INDUCTOR	ATH1206
L	7902	INDUCTOR	ATH1207
F	7901	CHIP BEEDS FILTER	ATX1059
F	7902	CHIP SOLID INDUCTOR	ATL7002
CN	7901	CONNECTOR	AKM1290

Mark	No.	Description	Part No.
RESISTORS			
R	7903,7909		RS1/16SS3093F
R	7904		RS1/16SS6202D
R	7906		RS1/16SS2003D
R	7910		RS1/16SS1503D
R	7912		RS1/16SS7502D
R	7917,7919		RS1/10S0R0J
	Other Resistors		RS1/16SS###J
CAPACITORS			
C	7901		CKSRYB334K10
C	7902		CKSQYF475Z10
C	7903,7906		BCG1059
C	7904		CCSRCH471J50
C	7905,7907		CCSRCH102J50
C	7908		CCSRCH222J50
C	7909		CEHVKW101M6R3
C	7910,7914,7917,7920		CKSSYB104K10
C	7911,7918,7924		CCSSCH101J50
C	7912,7919		BCG1050
C	7913,7915,7916,7926		DCH1201
C	7923		CKSSYB104K10
C	7925		CCSSCH220J50

U PREOUT ASSY

MISCELLANEOUS

IC	3541 (A,131,55)	E-SW IC	TC9163CFG
IC	3542 (A,100,55)	ANALOG SWITCH IC	TC9273CFG-012
IC	3581 (A,99,26)	DUAL OP-AMP	NJM4565M
IC	3601 (A,54,90)	OP-AMP IC	UPC4570G2-A
IC	3631 (A,54,78)	OP-AMP IC	UPC4570G2-A
IC	3661 (A,54,66)	OP-AMP IC	UPC4570G2-A
IC	3691 (A,54,54)	OP-AMP IC	UPC4570G2-A
IC	3721 (A,54,42)	OP-AMP IC	UPC4570G2-A
IC	3781 (A,54,102)	OP-AMP IC	UPC4570G2-A
Q	3581 (A,107,26)	TRANSISTOR	IMX25
Q	3582 (A,110,28)	TRANSISTOR	UMD2N
Q	3583 (A,112,38)	TRANSISTOR	2SK208
Q	3584 (A,112,24)	TRANSISTOR	2SK208
Q	3601 (A,34,85)	TRANSISTOR	IMX25
Q	3602 (A,34,93)	TRANSISTOR	IMX25
Q	3631 (A,34,72)	TRANSISTOR	IMX25
Q	3632 (A,34,78)	TRANSISTOR	IMX25
Q	3661 (A,34,59)	TRANSISTOR	IMX25
Q	3662 (A,34,66)	TRANSISTOR	IMX25
Q	3691 (A,34,47)	TRANSISTOR	IMX25
Q	3692 (A,34,54)	TRANSISTOR	IMX25
Q	3721 (A,34,32)	TRANSISTOR	IMX25
Q	3722 (A,34,39)	TRANSISTOR	IMX25
Q	3781 (A,34,98)	TRANSISTOR	IMX25
Q	3782 (A,34,105)	TRANSISTOR	IMX25
D	3501 (A,112,36)	DIODE	1SS352
D	3502 (A,112,31)	DIODE	1SS352
JA	3501 (A,14,96)	PIN JACK(4P)	AKB7186
JA	3502 (A,14,68)	PIN JACK(4P)	AKB7186
JA	3503 (A,14,40)	PIN JACK(4P)	AKB7186

Mark	No.	Description	Part No.
CN	3511 (A,164,80)	PLUG	CKS1761
CN	3512 (A,164,53)	PLUG	CKS1761
CN	3513 (A,138,19)	11P SOCKET	XKP3076
CN	3515 (A,67,19)	9P SOCKET	XKP3075
CN	3516 (A,110,100)	L-PLUG(15P)	KM200NA15L
CN	3517 (A,150,100)	L-PLUG(15P)	KM200NA15LR
RESISTORS			
R	3541 (A,121,62)		RS1/16S221J
R	3542 (A,124,41)		RS1/16S221J
R	3543 (A,126,41)		RS1/16S221J
R	3544 (B,87,59)		RS1/16S221J
R	3545 (A,89,41)		RS1/16S221J
R	3546 (A,91,41)		RS1/16S221J
R	3580 (A,113,28)		RS1/16S473J
R	3581 (A,112,34)		RS1/16S105J
R	3582 (A,112,33)		RS1/16S105J
R	3583 (A,108,32)		RS1/16S102J
R	3584 (A,105,22)		RS1/16S102J
R	3585 (B,106,31)		RS1/16S103J
R	3586 (A,108,21)		RS1/16S103J
R	3587 (A,102,34)		RS1/16S221J
R	3588 (A,100,18)		RS1/16S221J
R	3589 (A,102,31)		RS1/16S224J
R	3590 (A,100,20)		RS1/16S224J
R	3591 (A,99,34)		RS1/16S562J
R	3592 (A,97,18)		RS1/16S562J
R	3593 (A,99,31)		RS1/16S223J
R	3594 (A,97,21)		RS1/16S223J
⚠ R	3595 (A,79,34)	CARBON FILM RESISTOR	RD1/4MUF330J
⚠ R	3596 (A,79,18)	CARBON FILM RESISTOR	RD1/4MUF330J
R	3597 (B,89,29)		RS1/16S104J
R	3598 (B,89,23)		RS1/16S104J
R	3601 (B,68,86)		RS1/16S474J
R	3602 (B,68,93)		RS1/16S474J
R	3603 (B,66,86)		RS1/16S221J
R	3604 (B,66,93)		RS1/16S221J
R	3605 (B,58,87)		RS1/16S104J
R	3606 (B,58,92)		RS1/16S104J
R	3611 (B,40,85)		RS1/16S474J
R	3612 (B,40,93)		RS1/16S474J
R	3613 (B,38,85)		RS1/16S271J
R	3614 (B,38,93)		RS1/16S271J
R	3615 (A,39,86)		RS1/16S103J
R	3616 (A,29,92)		RS1/16S103J
R	3617 (B,36,85)		RS1/16S121J
R	3618 (B,36,93)		RS1/16S121J
R	3619 (A,29,85)		RS1/16S103J
R	3620 (A,39,93)		RS1/16S103J
R	3621 (B,33,85)		RS1/16S101J
R	3622 (B,33,93)		RS1/16S101J
R	3631 (B,68,75)		RS1/16S474J
R	3632 (B,68,80)		RS1/16S474J
R	3633 (B,66,75)		RS1/16S221J
R	3634 (B,66,80)		RS1/16S221J
R	3635 (B,58,75)		RS1/16S104J
R	3636 (B,58,80)		RS1/16S104J
R	3641 (B,40,72)		RS1/16S474J
R	3642 (B,40,78)		RS1/16S474J

Mark	No.	Description	Part No.
R	3643 (B,38,72)		RS1/16S271J
R	3644 (B,38,78)		RS1/16S271J
R	3645 (A,39,72)		RS1/16S103J
R	3646 (A,29,78)		RS1/16S103J
R	3647 (B,36,72)		RS1/16S121J
R	3648 (B,36,78)		RS1/16S121J
R	3649 (A,29,71)		RS1/16S103J
R	3650 (A,39,79)		RS1/16S103J
R	3651 (B,33,72)		RS1/16S101J
R	3652 (B,33,78)		RS1/16S101J
R	3661 (B,68,63)		RS1/16S474J
R	3662 (B,68,68)		RS1/16S474J
R	3663 (B,66,63)		RS1/16S221J
R	3664 (B,66,68)		RS1/16S221J
R	3665 (B,58,63)		RS1/16S104J
R	3666 (B,58,68)		RS1/16S104J
R	3671 (B,40,59)		RS1/16S474J
R	3672 (B,40,66)		RS1/16S474J
R	3673 (B,38,59)		RS1/16S271J
R	3674 (B,38,66)		RS1/16S271J
R	3675 (A,39,60)		RS1/16S103J
R	3676 (A,39,66)		RS1/16S103J
R	3677 (B,36,59)		RS1/16S121J
R	3678 (B,36,66)		RS1/16S121J
R	3679 (A,29,59)		RS1/16S103J
R	3680 (A,29,65)		RS1/16S103J
R	3681 (B,33,59)		RS1/16S101J
R	3682 (B,33,66)		RS1/16S101J
R	3691 (B,68,51)		RS1/16S474J
R	3692 (B,68,56)		RS1/16S474J
R	3693 (B,66,51)		RS1/16S221J
R	3694 (B,66,56)		RS1/16S221J
R	3695 (B,58,51)		RS1/16S104J
R	3696 (B,58,56)		RS1/16S104J
R	3701 (B,40,47)		RS1/16S474J
R	3702 (B,40,54)		RS1/16S474J
R	3703 (B,38,47)		RS1/16S271J
R	3704 (B,38,54)		RS1/16S271J
R	3705 (A,39,48)		RS1/16S103J
R	3706 (A,39,54)		RS1/16S103J
R	3707 (B,36,47)		RS1/16S121J
R	3708 (B,36,54)		RS1/16S121J
R	3709 (A,29,47)		RS1/16S103J
R	3710 (A,29,53)		RS1/16S103J
R	3711 (B,33,47)		RS1/16S101J
R	3712 (B,33,54)		RS1/16S101J
R	3721 (B,68,39)		RS1/16S474J
R	3722 (B,68,44)		RS1/16S474J
R	3723 (B,66,39)		RS1/16S221J
R	3724 (B,66,44)		RS1/16S221J
R	3725 (B,58,39)		RS1/16S104J
R	3726 (B,58,44)		RS1/16S104J
R	3731 (B,40,32)		RS1/16S474J
R	3732 (B,40,39)		RS1/16S474J
R	3733 (B,38,32)		RS1/16S271J
R	3734 (B,38,39)		RS1/16S271J
R	3735 (A,39,33)		RS1/16S103J
R	3736 (A,39,40)		RS1/16S103J
R	3737 (B,36,32)		RS1/16S121J
R	3738 (B,36,39)		RS1/16S121J
R	3739 (A,29,32)		RS1/16S103J
R	3740 (A,29,39)		RS1/16S103J
R	3741 (B,33,32)		RS1/16S101J
R	3742 (B,33,39)		RS1/16S101J
R	3761 (B,40,20)		RS1/16S0R0J
R	3762 (B,40,27)		RS1/16S0R0J
R	3773 (B,31,20)		RS1/16S0R0J
R	3774 (B,31,27)		RS1/16S0R0J
R	3781 (B,68,99)		RS1/16S474J
R	3782 (B,68,104)		RS1/16S474J
R	3783 (B,66,99)		RS1/16S221J
R	3784 (B,66,104)		RS1/16S221J
R	3785 (B,58,99)		RS1/16S104J
R	3786 (B,58,104)		RS1/16S104J
R	3791 (B,40,98)		RS1/16S474J
R	3792 (B,40,105)		RS1/16S474J
R	3793 (B,38,98)		RS1/16S271J
R	3794 (B,38,105)		RS1/16S271J
R	3795 (A,29,98)		RS1/16S103J
R	3796 (A,29,105)		RS1/16S103J
R	3797 (B,36,98)		RS1/16S121J
R	3798 (B,36,105)		RS1/16S121J
R	3799 (A,39,99)		RS1/16S103J
R	3800 (A,39,106)		RS1/16S103J
R	3801 (B,33,98)		RS1/16S101J
R	3802 (B,33,105)		RS1/16S101J
R	3805 (B,55,86)		RS1/16S0R0J
R	3806 (B,55,92)		RS1/16S0R0J
R	3807 (B,53,86)		RS1/16S0R0J
R	3808 (B,52,92)		RS1/16S0R0J
R	3809 (B,55,74)		RS1/16S0R0J
R	3810 (B,55,80)		RS1/16S0R0J
R	3811 (B,53,74)		RS1/16S0R0J
R	3812 (B,52,80)		RS1/16S0R0J
R	3813 (B,55,62)		RS1/16S0R0J
R	3814 (B,55,68)		RS1/16S0R0J
R	3815 (B,53,62)		RS1/16S0R0J
R	3816 (B,52,68)		RS1/16S0R0J
R	3817 (B,55,50)		RS1/16S0R0J
R	3818 (B,55,56)		RS1/16S0R0J
R	3819 (B,53,50)		RS1/16S0R0J
R	3820 (B,52,56)		RS1/16S0R0J
R	3821 (B,55,38)		RS1/16S0R0J
R	3822 (B,55,44)		RS1/16S0R0J
R	3823 (B,53,38)		RS1/16S0R0J
R	3824 (B,52,44)		RS1/16S0R0J
R	3829 (B,55,98)		RS1/16S0R0J
R	3830 (B,55,104)		RS1/16S0R0J
R	3831 (B,53,98)		RS1/16S0R0J
R	3832 (B,52,104)		RS1/16S0R0J
R	9001 (A,77,95)		RS1/16S0R0J
R	9002 (A,91,95)		RS1/16S0R0J
R	9013 (A,93,95)		RS1/16S0R0J
R	9014 (A,107,95)		RS1/16S0R0J
R	9025 (A,109,95)		RS1/16S0R0J
R	9026 (A,123,95)		RS1/16S0R0J
R	9037 (A,125,95)		RS1/16S0R0J
R	9038 (A,139,95)		RS1/16S0R0J
R	9049 (A,141,95)		RS1/16S0R0J

Mark	No.	Description	Part No.
R	9050 (A,155,95)		RS1/16S0R0J

CAPACITORS

C	3541 (B,124,57)		CCSRCH101J50
C	3545 (B,87,53)		CCSRCH101J50
C	3563 (B,143,53)		CKSRYB103K50
C	3564 (B,142,60)		CKSRYB103K50
C	3565 (B,108,52)		CKSRYB103K50
C	3566 (B,108,58)		CKSRYB103K50
C	3583 (A,105,32)		CKSRYB103K50
C	3584 (A,108,23)		CKSRYB103K50
C	3585 (A,106,32)		CKSRYB105K16
C	3586 (A,104,20)		CKSRYB105K16
C	3587 (A,102,33)		CCSRCH221J50
C	3588 (A,100,21)		CCSRCH221J50
C	3589 (A,92,33)		CEAT470M16
C	3590 (A,92,19)		CEAT470M16
C	3593 (B,101,29)		CKSRYB103K50
C	3594 (B,101,24)		CKSRYB103K50
C	3595 (A,85,34)		CEAT471M16
C	3596 (A,85,18)		CEAT471M16
C	3601 (A,61,87)	ELECT. CAPACITOR	ACH7199
C	3602 (A,61,93)	ELECT. CAPACITOR	ACH7199
C	3603 (B,51,86)		CCSRCH101J50
C	3604 (B,50,92)		CCSRCH101J50
C	3605 (A,51,88)		CKSRYB103K50
C	3606 (A,51,92)		CKSRYB103K50
C	3607 (A,45,85)	ELECT. CAPACITOR	ACH7197
C	3608 (A,45,92)	ELECT. CAPACITOR	ACH7197
C	3609 (A,37,86)		CKSRYB103K50
C	3610 (A,31,92)		CKSRYB103K50
C	3611 (A,31,85)		CKSRYB103K50
C	3612 (A,37,93)		CKSRYB103K50
C	3613 (B,23,88)		CCSRCH221J50
C	3614 (B,23,92)		CCSRCH221J50
C	3631 (A,61,75)	ELECT. CAPACITOR	ACH7199
C	3632 (A,61,81)	ELECT. CAPACITOR	ACH7199
C	3633 (B,51,74)		CCSRCH101J50
C	3634 (B,50,80)		CCSRCH101J50
C	3635 (A,51,76)		CKSRYB103K50
C	3636 (A,51,80)		CKSRYB103K50
C	3637 (A,45,72)	ELECT. CAPACITOR	ACH7197
C	3638 (A,45,79)	ELECT. CAPACITOR	ACH7197
C	3639 (A,37,72)		CKSRYB103K50
C	3640 (A,31,78)		CKSRYB103K50
C	3641 (A,31,71)		CKSRYB103K50
C	3642 (A,37,79)		CKSRYB103K50
C	3643 (B,23,73)		CCSRCH221J50
C	3644 (B,23,77)		CCSRCH221J50
C	3661 (A,61,63)	ELECT. CAPACITOR	ACH7199
C	3662 (A,61,69)	ELECT. CAPACITOR	ACH7199
C	3663 (B,51,62)		CCSRCH101J50
C	3664 (B,50,68)		CCSRCH101J50
C	3665 (A,51,64)		CKSRYB103K50
C	3666 (A,51,68)		CKSRYB103K50
C	3667 (A,45,59)	ELECT. CAPACITOR	ACH7197
C	3668 (A,45,66)	ELECT. CAPACITOR	ACH7197
C	3669 (A,37,60)		CKSRYB103K50
C	3670 (A,37,66)		CKSRYB103K50
C	3671 (A,31,59)		CKSRYB103K50
C	3672 (A,31,65)		CKSRYB103K50
C	3673 (B,23,59)		CCSRCH221J50
C	3674 (B,23,63)		CCSRCH221J50
C	3691 (A,61,51)	ELECT. CAPACITOR	ACH7199
C	3692 (A,61,57)	ELECT. CAPACITOR	ACH7199
C	3693 (B,51,50)		CCSRCH101J50
C	3694 (B,50,56)		CCSRCH101J50
C	3695 (A,51,52)		CKSRYB103K50
C	3696 (A,51,56)		CKSRYB103K50
C	3697 (A,45,46)	ELECT. CAPACITOR	ACH7197
C	3698 (A,45,53)	ELECT. CAPACITOR	ACH7197
C	3699 (A,37,48)		CKSRYB103K50
C	3700 (A,37,54)		CKSRYB103K50
C	3701 (A,31,47)		CKSRYB103K50
C	3702 (A,31,53)		CKSRYB103K50
C	3703 (B,23,45)		CCSRCH221J50
C	3704 (B,23,49)		CCSRCH221J50
C	3721 (A,61,39)	ELECT. CAPACITOR	ACH7199
C	3722 (A,61,45)	ELECT. CAPACITOR	ACH7199
C	3723 (B,51,38)		CCSRCH101J50
C	3724 (B,50,44)		CCSRCH101J50
C	3725 (A,51,40)		CKSRYB103K50
C	3726 (A,51,44)		CKSRYB103K50
C	3727 (A,45,33)	ELECT. CAPACITOR	ACH7197
C	3728 (A,45,39)	ELECT. CAPACITOR	ACH7197
C	3729 (A,37,33)		CKSRYB103K50
C	3730 (A,37,40)		CKSRYB103K50
C	3731 (A,31,32)		CKSRYB103K50
C	3732 (A,31,39)		CKSRYB103K50
C	3733 (B,23,31)		CCSRCH221J50
C	3734 (B,23,35)		CCSRCH221J50
C	3781 (A,61,99)	ELECT. CAPACITOR	ACH7199
C	3782 (A,61,105)	ELECT. CAPACITOR	ACH7199
C	3783 (B,51,98)		CCSRCH101J50
C	3784 (B,50,104)		CCSRCH101J50
C	3785 (A,51,100)		CKSRYB103K50
C	3786 (A,51,104)		CKSRYB103K50
C	3787 (A,45,98)	ELECT. CAPACITOR	ACH7197
C	3788 (A,45,104)	ELECT. CAPACITOR	ACH7197
C	3789 (A,31,98)		CKSRYB103K50
C	3790 (A,31,105)		CKSRYB103K50
C	3791 (A,37,99)		CKSRYB103K50
C	3792 (A,37,106)		CKSRYB103K50
C	3793 (B,23,102)		CCSRCH221J50
C	3794 (B,23,106)		CCSRCH221J50
C	3811 (B,19,93)		CKSRYB103K50
C	3812 (B,21,93)		CKSRYB105K16
C	3813 (B,19,64)		CKSRYB103K50
C	3814 (B,21,64)		CKSRYB105K16
C	3815 (B,19,36)		CKSRYB103K50
C	3816 (B,21,36)		CKSRYB105K16

V MOTHER 1 ASSY

MISCELLANEOUS

IC	8001 (A,82,193)	CPU	PEG290B8
IC	8002 (A,111,198)	EEPROM	BR24L16FV-W

Mark	No.	Description	Part No.
IC	8003 (A,63,192)	RESET IC	BU4828F
IC	8004 (A,89,165)	IC	TC74VHC00FTS1
IC	8021 (A,122,142)	REGULATOR IC	NJM2872BF33
IC	8022 (A,244,144)	REGULATOR IC	NJM2880U1-33
IC	8023 (A,239,133)	REGULATOR IC	NJM2880U1-33
IC	8041 (A,55,201)	IC	TC74VHC08FTS1
IC	8042 (A,55,185)	IC	TC74VHC08FTS1
IC	8052 (A,93,118)	IC	TC74VHCT125AFTS1
IC	8072 (A,60,165)	IC	TC74VHCT125AFTS1
IC	8081 (A,83,173)	IC	TC74VHCT08AFTS1
IC	8082 (A,73,158)	IC	TC74VHC08FTS1
IC	8091 (A,79,117)	IC	TC74VHCT125AFTS1
IC	8092 (A,105,119)	IC	TC74VHCT125AFTS1
IC	8121 (A,67,116)	PORT EXPANDER IC	BU4094BCFV
Q	8031 (A,263,125)	DIGITAL TR(SC-70)	RT1P241M
Q	8033 (A,264,122)	TRANSISTOR	RT1N141M-11
Q	8041 (A,110,174)	DIGITAL TR(SC-70)	RT1N431M
Q	8042 (A,99,166)	TRANSISTOR(SC-70)	2SA1602A
Q	8043 (A,99,160)	TRANSISTOR(SC-70)	2SA1602A
Q	8044 (A,50,182)	DIGITAL TR(SC-70)	RT1P241M
Q	8045 (A,256,125)	TRANSISTOR	RT1N241M
Q	8046 (A,260,132)	TRANSISTOR	2SB1189
Q	8047 (A,256,131)	TRANSISTOR(SC-70)	2SA1602A
Q	8048 (A,64,231)	DIGITAL TR(SC-70)	RT1P241M
Q	8049 (A,62,224)	TRANSISTOR	2SC4081
Q	8050 (A,89,217)	DIGITAL TR(SC-70)	RT1P241M
Q	8051 (A,91,224)	TRANSISTOR	2SC4081
D	8021 (B,245,142)	DIODE	MC2848-11
D	8041 (B,112,179)	DIODE	1SS352
D	8042 (A,258,142)	DIODE	MC2848-11
D	8043 (A,263,142)	DIODE	MC2848-11
D	8044 (A,257,137)	DIODE	MC2848-11
D	8045 (A,255,135)	DIODE	MC2848-11
D	8048 (A,60,228)	DIODE	1SS352
D	8049 (A,88,221)	DIODE	1SS352
KN	8001 (A,191,53)	WRAPPING TERMINAL	VNF1084
X	8001 (A,68,193)	CERAMIC RESONATOR	ASS7087
CN	8001 (A,13,151)	CONNECTOR	CKS1730
CN	8002 (A,13,119)	CONNECTOR	CKS1730
CN	8003 (A,40,210)	PLUG	CKS1725
CN	8004 (A,40,177)	CONNECTOR	CKS1730
CN	8005 (A,40,133)	CONNECTOR	CKS1718
CN	8006 (A,40,66)	CONNECTOR	CKS1730
CN	8007 (A,40,36)	CONNECTOR	CKS1730
CN	8008 (A,40,11)	CONNECTOR	CKS1727
CN	8009 (A,44,238)	19P CONNECTOR	19P-1.25FJ
CN	8010 (A,66,137)	9P PLUG	XKP3064
CN	8011 (A,66,37)	21P PLUG	XKP3070
CN	8012 (A,81,138)	18P CONNECTOR	VKN1504
CN	8014 (A,123,28)	20P CONNECTOR	VKN1610
CN	8015 (A,146,119)	21P PLUG	XKP3070
CN	8016 (A,146,32)	CONNECTOR	CKS1726
CN	8018 (A,170,117)	11P PLUG	XKP3065
CN	8019 (A,170,47)	9P PLUG	XKP3064
CN	8020 (A,199,110)	7P PLUG	XKP3063
CN	8021 (A,219,120)	CONNECTOR	CKS1718
CN	8022 (A,220,74)	23P PLUG	XKP3071
CN	8023 (A,220,38)	23P PLUG	XKP3071
CN	8024 (A,219,31)	CONNECTOR	CKS1721
CN	8025 (A,239,77)	17P PLUG	XKP3068
CN	8026 (A,239,19)	CONNECTOR	CKS1719
CN	8027 (A,272,55)	13P PLUG	XKP3066
CN	8028 (A,272,14)	PLUG	CKS1724
CN	8029 (A,277,150)	19P CONNECTOR	19P-1.25FJ
CN	8030 (A,277,119)	13P CONNECTOR	13P-1.25FJ
CN	8031 (A,277,90)	21P CONNECTOR	21P-1.25FJ
CN	8032 (A,115,211)	10P CONNECTOR	VKN1414
CN	8034 (A,13,89)	CONNECTOR	CKS1716
CN	8035 (A,146,15)	CONNECTOR	CKS1720
	8001 (A,100,231)	PCB BINDER	VEF1040

RESISTORS

R	8001 (A,62,195)		RS1/16S104J
R	8002 (A,65,205)		RS1/16S512J
R	8004 (A,55,175)		RS1/16S101J
R	8005 (B,68,189)		RS1/16S104J
R	8006 (B,79,196)		RS1/16S104J
R	8007 (A,100,188)		RAB4C101J
R	8008 (B,70,189)		RS1/16S104J
R	8009 (A,63,184)		RS1/16S0R0J
R	8010 (A,57,175)		RS1/16S101J
R	8011 (A,64,184)		RS1/16S101J
R	8012 (A,100,202)		RS1/16S471J
R	8013 (A,100,200)		RS1/16S471J
R	8016 (A,67,196)		RS1/16S101J
R	8017 (A,99,163)		RS1/16S152J
R	8018 (A,101,162)		RS1/16S152J
R	8020 (A,50,186)		RS1/16S0R0J
R	8021 (A,57,208)		RS1/16S104J
R	8022 (A,55,207)		RS1/16S104J
R	8023 (A,53,195)		RS1/16S104J
R	8024 (A,55,195)		RS1/16S104J
R	8025 (B,54,182)		RS1/16S104J
R	8026 (B,52,182)		RS1/16S104J
R	8027 (A,55,191)		RS1/16S104J
R	8028 (A,57,191)		RS1/16S104J
R	8029 (B,83,196)		RS1/16S104J
R	8030 (B,81,192)		RS1/16S101J
R	8031 (A,265,130)		RS1/16S104J
R	8032 (B,105,151)		RS1/16S104J
R	8033 (B,88,189)		RS1/16S104J
R	8034 (B,82,167)		RS1/16S104J
R	8035 (B,266,127)		RS1/16S0R0J
R	8037 (A,93,210)		RAB4C101J
R	8038 (A,79,216)		RAB4C101J
R	8039 (B,88,226)		RS1/16S0R0J
R	8040 (A,125,140)		RS1/16S0R0J
R	8041 (A,99,156)		RS1/16S224J
R	8042 (A,97,154)		RS1/16S563J
R	8043 (A,99,154)		RS1/16S0R0J
R	8044 (A,110,166)		RS1/16S104J
R	8045 (A,115,198)		RS1/16S104J
R	8046 (B,110,179)		RS1/16S471J
R	8047 (A,108,166)		RS1/16S104J
R	8048 (A,50,179)		RS1/16S224J
R	8049 (A,49,174)		RS1/16S563J
R	8050 (A,50,176)		RS1/16S0R0J
R	8051 (A,70,217)		RAB4C101J

Mark	No.	Description	Part No.
R	8052	(A,64,212)	RAB4C101J
R	8053	(A,72,214)	RS1/16S101J
R	8056	(A,64,203)	RS1/16S101J
R	8057	(A,64,202)	RS1/16S101J
R	8058	(A,76,167)	RS1/16S101J
R	8059	(A,86,132)	RS1/16S104J
R	8060	(A,76,132)	RS1/16S104J
R	8061	(A,86,144)	RS1/16S104J
R	8062	(A,79,144)	RS1/16S104J
R	8063	(A,21,224)	RS1/16S104J
R	8064	(A,32,221)	RS1/16S104J
R	8067	(A,64,163)	RS1/16S104J
R	8068	(A,32,220)	RS1/16S104J
R	8069	(A,25,210)	RS1/16S104J
R	8071	(A,61,177)	RAB4C101J
R	8072	(A,64,173)	RAB4C101J
R	8075	(B,70,180)	RS1/16S104J
R	8076	(B,69,175)	RS1/16S222J
R	8079	(A,69,229)	RS1/16S0R0J
R	8080	(A,153,97)	RS1/16S104J
R	8081	(A,78,180)	RAB4C101J
R	8082	(A,83,180)	RAB4C101J
R	8084	(A,66,227)	RS1/16S473J
R	8085	(B,85,194)	RS1/16S104J
R	8086	(B,90,189)	RS1/16S104J
R	8087	(A,153,100)	RS1/16S104J
R	8088	(A,65,223)	RS1/16S104J
R	8089	(B,269,104)	RS1/16S104J
R	8090	(A,271,88)	RS1/16S104J
R	8091	(A,71,169)	RS1/16S101J
R	8092	(A,107,112)	RS1/16S104J
R	8093	(A,103,112)	RS1/16S104J
R	8095	(A,271,133)	RS1/16S474J
R	8097	(A,153,114)	RS1/16S104J
R	8098	(A,153,112)	RS1/16S104J
R	8102	(A,102,195)	RAB4C101J
R	8103	(A,102,198)	RS1/16S101J
R	8104	(A,102,192)	RS1/16S101J
R	8106	(A,64,227)	RS1/16S104J
R	8107	(A,86,218)	RS1/16S104J
R	8111	(A,90,177)	RS1/16S104J
R	8112	(B,71,218)	RS1/16S104J
R	8113	(A,72,172)	RS1/16S104J
R	8117	(A,177,11)	RS1/16S0R0J
R	8118	(B,179,11)	RS1/16S0R0J
R	8119	(A,91,214)	RS1/16S473J
R	8120	(A,92,217)	RS1/16S104J
R	8121	(B,123,97)	RS1/16S473J
R	8122	(B,125,97)	RS1/16S473J
R	8123	(B,127,97)	RS1/16S473J
R	8124	(B,129,97)	RS1/16S473J
R	8125	(B,123,101)	RS1/16S473J
R	8126	(B,125,101)	RS1/16S473J
R	8127	(B,127,101)	RS1/16S473J
R	8128	(B,35,136)	RS1/16S474J
R	8129	(B,33,136)	RS1/16S224J
R	8130	(B,33,142)	RS1/16S104J
R	8131	(B,35,142)	RS1/16S224J
R	8132	(A,58,134)	RS1/16S473J

Mark	No.	Description	Part No.
R	8141	(A,104,174)	RS1/16S152J
R	8142	(A,107,174)	RS1/16S152J
R	8143	(A,106,174)	RS1/16S473J
R	8144	(A,69,154)	RS1/16S104J
R	8145	(A,271,109)	RS1/16S104J
R	8146	(A,271,113)	RS1/16S104J
R	8147	(A,73,164)	RS1/16S224J
R	8148	(A,96,184)	RS1/16S101J
R	8151	(A,74,217)	RS1/16S104J
R	8153	(A,76,217)	RS1/16S104J
R	8155	(B,89,210)	RS1/16S104J
R	8156	(B,84,206)	RS1/16S104J
R	8157	(B,80,206)	RS1/16S104J
R	8158	(B,88,215)	RS1/16S104J
R	8159	(A,74,179)	RS1/16S104J
R	8165	(B,78,215)	RS1/16S104J
R	8201	(B,29,195)	RS1/16S0R0J
R	8202	(B,29,193)	RS1/16S0R0J
R	8203	(B,29,191)	RS1/16S0R0J
R	8204	(B,29,189)	RS1/16S0R0J
R	8205	(B,29,187)	RS1/16S0R0J
R	8206	(B,29,185)	RS1/16S0R0J
R	8207	(B,29,183)	RS1/16S0R0J
R	8208	(B,29,181)	RS1/16S0R0J
R	8209	(B,29,180)	RS1/16S0R0J
R	8210	(B,29,178)	RS1/16S0R0J
R	8214	(A,130,20)	RS1/16S0R0J
R	8215	(A,175,16)	RS1/16S0R0J
R	8216	(B,256,69)	RS1/16S0R0J
R	8217	(A,148,12)	RS1/16S0R0J
R	8218	(A,205,13)	RS1/16S0R0J
R	8219	(A,239,13)	RS1/16S0R0J
R	8220	(A,256,56)	RS1/16S0R0J
R	8221	(A,106,39)	RS1/16S0R0J
R	8222	(A,108,39)	RS1/16S0R0J
R	8223	(A,109,39)	RS1/16S0R0J
R	8224	(A,111,39)	RS1/16S0R0J
R	8252	(A,130,29)	RS1/16S0R0J
R	8253	(A,105,200)	RS1/16S103J
R	8254	(A,105,202)	RS1/16S472J
R	8255	(A,260,128)	RS1/16S101J
R	8256	(A,264,134)	RS1/16S103J
R	8257	(A,256,128)	RS1/16S272J
R	8258	(A,241,138)	RS1/16S0R0J
R	8259	(A,243,141)	RS1/16S0R0J
R	8901	(B,66,184)	RS1/16S183J

CAPACITORS

C	8001	(A,61,192)	CKSRYB105K10
C	8002	(A,73,207)	CKSRYB104K16
C	8003	(A,97,184)	CKSRYB103K50
C	8004	(A,66,190)	CKSRYB104K16
C	8006	(B,81,196)	CKSRYB472K50
C	8008	(A,97,192)	CKSRYB104K16
C	8009	(B,59,184)	CKSRYB103K50
C	8010	(B,61,184)	CKSRYB103K50
C	8014	(A,108,199)	CKSRYB104K16
C	8016	(B,77,204)	CKSRYB103K50
C	8017	(B,82,206)	CKSRYB103K50

Mark	No.	Description	Part No.
C	8018 (B,86,206)		CKSRYB103K50
C	8019 (A,82,217)		CKSRYB103K50
C	8020 (B,86,220)		CKSRYB103K50
C	8022 (A,250,128)	ELECT. CAPACITOR	CEAT102M16
C	8024 (A,121,136)		CKSRYB104K16
C	8025 (A,125,143)		CKSRYB104K16
C	8026 (A,122,145)		CKSRYB104K16
C	8042 (A,112,183)	ELECT. CAPACITOR	CEAT682M6R3
C	8043 (A,59,200)		CKSRYB104K16
C	8044 (A,59,185)		CKSRYB104K16
C	8045 (A,85,165)		CKSRYB104K16
C	8048 (A,102,156)		CKSRYB104K16
C	8049 (A,50,190)		CKSRYB104K16
C	8053 (A,89,118)		CKSRYB104K16
C	8071 (A,57,165)		CKSRYB104K16
C	8081 (A,79,170)		CKSRYB104K16
C	8082 (A,69,156)		CKSRYB104K16
C	8092 (A,75,118)		CKSRYB104K16
C	8093 (A,101,119)		CKSRYB104K16
C	8121 (A,60,117)		CKSRYB104K16
C	8202 (A,32,210)		CKSRYB104K16
C	8203 (B,70,32)		CKSRYB104K16
C	8205 (B,45,35)		CKSRYB104K16
C	8207 (B,131,27)		CKSRYB104K16
C	8208 (B,264,15)		CKSRYB104K16
C	8209 (B,264,22)		CKSRYB104K16
C	8215 (A,250,116)	ELECT. CAPACITOR	CEAT102M16
C	8216 (A,240,129)		CKSRYB104K16
C	8217 (A,238,138)		CKSRYB104K16
C	8218 (A,237,129)		CKSRYB104K16
C	8219 (A,239,142)		CKSRYB104K16
C	8220 (A,246,148)		CKSRYB104K16
C	8221 (A,239,145)		CKSRYB104K16
C	8222 (B,70,36)		CKSRYB104K16

W ICE INTERFACE ASSY

MISCELLANEOUS

IC	8303 (A,292,31)	PORT EXPANDER IC	BU4094BCFV
IC	8304 (A,280,31)	IC	TC74VHCT08AFTS1
IC	8305 (A,292,45)	PORT EXPANDER IC	BU4094BCFV
IC	8306 (A,300,57)	IC	TC74VHCT08AFTS1
IC	8307 (A,280,57)	IC	TC74VHCT08AFTS1
IC	8308 (A,277,73)	IC	TC74VHCT08AFTS1
IC	8309 (A,280,45)	IC	TC74VHCT08AFTS1
KN	8301 (A,317,20)	WRAPPING TERMINAL	VNF1084
CN	8301 (A,257,39)	24P CONNECTOR	RKN1065
CN	8302 (A,260,68)	L-PLUG(7P)	KM200NA7L
CN	8304 (A,277,9)	19P CONNECTOR	19R-1.25FJ
	8304 (A,257,76)	PCB BINDER	VEF1040

RESISTORS

R	8305 (B,296,29)		RS1/16S104J
R	8306 (B,290,29)		RS1/16S104J
R	8307 (B,287,29)		RS1/16S104J
R	8308 (A,297,31)		RS1/16S224J
R	8309 (A,263,34)		RS1/16S0R0J
R	8310 (A,266,35)		RS1/16S0R0J
R	8311 (A,263,36)		RS1/16S0R0J
R	8312 (A,266,37)		RS1/16S0R0J
R	8313 (A,263,38)		RS1/16S0R0J
R	8314 (A,263,42)		RS1/16S0R0J
R	8315 (A,266,43)		RS1/16S0R0J
R	8316 (A,263,44)		RS1/16S0R0J
R	8317 (A,266,45)		RS1/16S0R0J
R	8318 (A,263,46)		RS1/16S0R0J
R	8319 (A,264,53)		RS1/16S0R0J
R	8320 (A,263,50)		RS1/16S0R0J
R	8321 (A,263,49)		RS1/16S0R0J
R	8322 (A,266,41)		RS1/16S0R0J
R	8328 (A,266,31)		RS1/16S101J
R	8333 (A,263,32)		RS1/16S101J
R	8334 (A,263,30)		RS1/16S101J
R	8335 (A,263,40)		RS1/16S101J
R	8336 (A,266,33)		RS1/16S101J
R	8337 (A,266,29)		RS1/16S101J
R	8338 (A,264,27)		RS1/16S0R0J
R	8340 (B,304,18)		RS1/16S0R0J
R	8341 (B,283,29)		RS1/16S104J
R	8342 (B,283,27)		RS1/16S104J
R	8343 (A,290,22)		RS1/16S104J
R	8344 (A,288,22)		RS1/16S104J
R	8345 (A,285,37)		RS1/16S104J
R	8347 (A,285,39)		RS1/16S104J
R	8348 (A,285,54)		RS1/16S104J
R	8349 (B,291,50)		RS1/16S104J
R	8350 (B,286,50)		RS1/16S104J
R	8351 (A,288,53)		RS1/16S104J
R	8352 (B,292,50)		RS1/16S104J
R	8353 (A,312,68)		RS1/16S0R0J
R	8354 (A,310,68)		RS1/16S0R0J
R	8355 (A,309,68)		RS1/16S0R0J
R	8358 (A,306,76)		RS1/16S0R0J
R	8359 (A,313,85)		RS1/16S0R0J
R	8360 (A,312,85)		RS1/16S0R0J
R	8361 (A,309,86)		RS1/16S0R0J
R	8364 (A,305,86)		RS1/16S0R0J
R	8370 (A,273,66)		RS1/16S0R0J
R	8371 (B,279,34)		RS1/16S0R0J
R	8372 (B,267,62)		RS1/16S0R0J
R	8378 (A,281,74)		RS1/16S104J
R	8380 (A,266,62)		RS1/16S0R0J
R	8381 (A,314,55)		RS1/16S0R0J
R	8382 (A,312,56)		RS1/16S0R0J
R	8383 (A,311,56)		RS1/16S0R0J
R	8386 (A,307,60)		RS1/16S0R0J
R	8393 (A,304,36)		RS1/16S0R0J
R	8394 (A,310,39)		RS1/16S0R0J
R	8395 (A,308,40)		RS1/16S0R0J
R	8397 (A,308,42)		RS1/16S0R0J
R	8398 (A,305,44)		RS1/16S0R0J
R	8402 (A,265,47)		RS1/16S0R0J
R	8405 (A,281,77)		RS1/16S0R0J
R	8406 (A,298,50)		RS1/16S0R0J
R	8407 (A,300,50)		RS1/16S0R0J
R	8408 (A,304,54)		RS1/16S0R0J
R	8409 (A,304,58)		RS1/16S0R0J
R	8410 (B,278,50)		RS1/16S0R0J

Mark	No.	Description	Part No.
R	8411 (A,284,54)		RS1/16S0R0J
R	8412 (A,285,57)		RS1/16S0R0J
R	8413 (A,284,57)		RS1/16S0R0J
R	8414 (A,287,28)		RS1/16S0R0J
R	8415 (B,292,29)		RS1/16S0R0J
R	8416 (B,294,29)		RS1/16S0R0J
R	8417 (A,297,33)		RS1/16S0R0J
R	8418 (B,293,44)		RS1/16S0R0J
R	8419 (A,294,39)		RS1/16S0R0J
R	8420 (B,294,40)		RS1/16S0R0J
R	8421 (A,296,45)		RS1/16S0R0J
R	8422 (A,286,41)		RS1/16S0R0J
R	8423 (A,284,41)		RS1/16S0R0J
R	8424 (A,285,49)		RS1/16S0R0J
R	8425 (A,285,48)		RS1/16S0R0J
R	8426 (A,285,24)		RS1/16S0R0J
R	8427 (A,285,22)		RS1/16S0R0J
R	8428 (A,284,32)		RS1/16S0R0J
R	8429 (A,284,28)		RS1/16S0R0J
R	8430 (A,309,53)		RS1/16S0R0J
R	8431 (A,308,72)		RS1/16S0R0J
R	8432 (A,309,84)		RS1/16S0R0J
R	8498		RS1/16S0R0J
R	8499		RS1/16S0R0J

CAPACITORS

C	8303 (A,273,74)		CKSRYB104K16
C	8304 (A,276,32)		CKSRYB104K16
C	8305 (A,276,58)		CKSRYB104K16
C	8306 (A,296,58)		CKSRYB104K16
C	8307 (A,288,31)		CKSRYB104K16
C	8308 (A,288,45)		CKSRYB104K16
C	8309 (A,276,46)		CKSRYB104K16
C	8325 (A,306,34)		CEAL100M16

X COMPOSITE ASSY

MISCELLANEOUS

IC	2001 (A,254,121)	MULTIPLEXER(8CH*1)	TC74LVX4051FT
IC	2002 (A,274,124)	MULTIPLEXER(8CH*1)	TC74LVX4051FT
IC	2003 (A,235,124)	MULTIPLEXER(8CH*1)	TC74LVX4051FT
IC	2005 (A,254,138)	MULTIPLEXER(4CH*2)	TC74LVX4052FT
IC	2006 (A,293,138)	MULTIPLEXER(4CH*2)	TC74LVX4052FT
IC	2007 (A,274,140)	MULTIPLEXER(4CH*2)	TC74LVX4052FT
IC	2008 (A,291,162)	MULTIPLEXER(4CH*2)	TC74LVX4052FT
IC	2009 (A,237,140)	MULTIPLEXER(4CH*2)	TC74LVX4052FT
IC	2010 (A,213,148)	LOGIC IC	TC74HC4052AFT
IC	2011 (A,219,131)	VIDEO SW IC	NJM2279M
IC	2012 (A,256,193)	LOGIC IC	TC4094BFN
IC	2013 (A,274,192)	LOGIC IC	TC4094BFN
IC	2014 (A,239,193)	LOGIC IC	TC4094BFN
IC	2015 (A,292,193)	LOGIC IC	TC4094BFN
IC	2016 (B,296,232)	CHARACTER GENERATOR	PDC162A
IC	2017 (B,257,232)	CHARACTER GENERATOR	PDC162A
IC	2018 (A,232,226)	LOGIC IC	TC74VHCT32AFT
IC	2019 (A,232,217)	LOGIC IC	TC74VHCT32AFT
Q	2025 (A,207,160)	TRANSISTOR	2SA1576A
Q	2026 (A,207,163)	TRANSISTOR	2SA1576A
Q	2030 (A,259,161)	TRANSISTOR	2SA1576A
Q	2031 (A,262,161)	TRANSISTOR	2SA1576A
Q	2035 (A,280,164)	TRANSISTOR	2SC4081
Q	2040 (A,252,163)	TRANSISTOR	2SC4081
Q	2045 (A,271,163)	TRANSISTOR	2SC4081
Q	2050 (A,229,163)	TRANSISTOR	2SC4081
Q	2055 (A,243,165)	TRANSISTOR	2SC4081
Q	2060 (A,295,115)	TRANSISTOR	2SC4081
Q	2101 (B,285,221)	TRANSISTOR	2SC4081
Q	2102 (B,247,219)	TRANSISTOR	2SC4081
Q	2151 (A,312,112)	TRANSISTOR	2SC4081
Q	2152 (A,313,117)	TRANSISTOR	2SA1576A
L	2101 (A,292,216)	AXIAL INDUCTOR	LAU330J
L	2102 (A,253,216)	AXIAL INDUCTOR	LAU330J
L	2103 (A,315,220)	CHIP SOLID INDUCTOR	QTL1013
L	2104 (A,313,220)	CHIP SOLID INDUCTOR	QTL1013
L	2105 (A,277,222)	CHIP SOLID INDUCTOR	QTL1013
L	2106 (A,275,222)	CHIP SOLID INDUCTOR	QTL1013
JA	2001 (A,202,92)	JACK	VKB1156
JA	2002 (A,223,92)	2P RCA PINJACK	AKB7187
JA	2003 (A,251,92)	2P RCA PINJACK	AKB7187
JA	2004 (A,279,92)	2P RCA PINJACK	AKB7187
JA	2005 (A,307,92)	2P RCA PINJACK	AKB7187
X	2101 (A,305,221)	CRYSTAL RESONATOR	ASS7080
X	2102 (A,266,221)	CRYSTAL RESONATOR	ASS7080
CN	2001 (A,207,211)	24P CONNECTOR	RKN1065
CN	2002 (A,315,128)	23P SOCKET	XKP3083
CN	2003 (A,315,166)	23P SOCKET	XKP3083
CN	2004 (A,237,236)	CONNECTOR	CKS3370
CN	2005 (A,224,235)	PLUG(4P)	KM200NA4
	2001 (A,205,239)	PCB BINDER	VEF1040

RESISTORS

R	2001 (B,215,101)	CHIP RESISTOR	RS1/16S75R0F
R	2002 (B,243,101)	CHIP RESISTOR	RS1/16S75R0F
R	2003 (B,257,101)	CHIP RESISTOR	RS1/16S75R0F
R	2004 (B,271,101)	CHIP RESISTOR	RS1/16S75R0F
R	2005 (B,285,101)	CHIP RESISTOR	RS1/16S75R0F
R	2006 (B,299,101)	CHIP RESISTOR	RS1/16S75R0F
R	2007 (B,313,101)	CHIP RESISTOR	RS1/16S75R0F
R	2008 (A,282,127)		RS1/16S0R0J
R	2009 (A,244,141)		RS1/16S0R0J
R	2020 (B,217,168)		RS1/16S473J
R	2025 (A,206,156)		RS1/16S184J
R	2026 (A,207,154)		RS1/16S114J
R	2028 (A,209,166)		RS1/16S471J
R	2030 (B,259,165)		RS1/16S184J
R	2031 (B,262,156)		RS1/16S114J
R	2033 (A,265,163)		RS1/16S471J
R	2035 (B,282,160)		RS1/16S0R0J
R	2036 (B,281,156)		RS1/16S472J
R	2037 (B,282,165)		RS1/16S0R0J
R	2038 (A,281,161)		RS1/16S472J
R	2039 (B,279,160)		RS1/16S472J
R	2040 (B,252,161)		RS1/16S0R0J
R	2041 (B,252,157)		RS1/16S103J
R	2042 (B,252,167)		RS1/16S0R0J
R	2043 (A,252,160)		RS1/16S472J
R	2045 (B,271,159)		RS1/16S0R0J
R	2046 (B,271,155)		RS1/16S103J

Mark	No.	Description	Part No.
R	2047 (B,273,171)		RS1/16S0R0J
R	2048 (A,271,161)		RS1/16S472J
R	2050 (B,239,170)		RS1/16S0R0J
R	2051 (B,241,170)		RS1/16S103J
R	2052 (A,229,169)		RS1/16S0R0J
R	2053 (A,229,160)		RS1/16S472J
R	2055 (B,240,159)		RS1/16S0R0J
R	2056 (B,240,155)		RS1/16S103J
R	2057 (B,242,165)		RS1/16S0R0J
R	2058 (A,243,160)		RS1/16S472J
R	2060 (A,296,111)		RS1/16S0R0J
R	2061 (A,294,111)		RS1/16S103J
R	2062 (A,298,115)		RS1/16S0R0J
R	2063 (A,300,112)		RS1/16S472J
R	2065 (A,303,122)		RS1/16S0R0J
R	2070 (A,197,123)	CHIP RESISTOR	RS1/16S75R0F
R	2071 (B,223,116)	CHIP RESISTOR	RS1/16S75R0F
R	2073 (A,258,164)		RS1/16S102J
R	2074 (A,261,164)		RS1/16S100J
R	2075 (B,261,167)		RS1/16S330J
R	2076 (A,208,158)		RS1/16S102J
R	2077 (A,210,160)		RS1/16S100J
R	2078 (A,210,163)		RS1/16S330J
R	2092 (A,212,195)		RS1/16S0R0J
R	2101 (A,306,229)		RS1/16S0R0J
R	2102 (A,305,236)		RS1/16S0R0J
R	2105 (A,302,238)		RS1/16S102J
R	2106 (B,284,235)		RS1/16S562J
R	2107 (B,281,235)		RS1/16S392J
R	2108 (B,283,216)		RS1/16S102J
R	2110 (A,282,235)		RS1/16S101J
R	2111 (A,283,235)		RS1/16S101J
R	2112 (A,285,235)		RS1/16S101J
R	2115 (A,237,220)		RS1/16S101J
R	2116 (A,225,220)		RS1/16S101J
R	2117 (B,225,217)		RS1/16S101J
R	2121 (A,267,229)		RS1/16S0R0J
R	2122 (A,266,236)		RS1/16S0R0J
R	2124 (A,263,238)		RS1/16S102J
R	2125 (B,246,232)		RS1/16S562J
R	2126 (B,244,232)		RS1/16S392J
R	2127 (B,248,213)		RS1/16S102J
R	2129 (A,247,229)		RS1/16S101J
R	2130 (A,247,231)		RS1/16S101J
R	2131 (A,247,233)		RS1/16S101J
R	2135 (A,239,225)		RS1/16S101J
R	2136 (A,238,227)		RS1/16S101J
R	2137 (A,225,226)		RS1/16S101J
R	2138 (B,232,232)		RS1/16S101J
R	2140 (A,248,194)		RS1/16S473J
R	2141 (A,248,193)		RS1/16S473J
R	2142 (A,248,191)		RS1/16S473J
R	2143 (A,248,190)		RS1/16S473J
R	2144 (A,264,196)		RS1/16S473J
R	2145 (B,255,191)		RS1/16S473J
R	2146 (B,257,191)		RS1/16S473J
R	2147 (A,265,194)		RS1/16S473J
R	2148 (A,265,193)		RS1/16S473J
R	2149 (A,265,191)		RS1/16S473J

Mark	No.	Description	Part No.
R	2150 (A,265,190)		RS1/16S473J
R	2151 (A,283,199)		RS1/16S473J
R	2152 (A,283,197)		RS1/16S473J
R	2153 (A,283,196)		RS1/16S473J
R	2154 (A,230,192)		RS1/16S473J
R	2155 (A,230,191)		RS1/16S473J
R	2156 (A,230,189)		RS1/16S473J
R	2157 (A,230,188)		RS1/16S473J
R	2158 (A,246,196)		RS1/16S473J
R	2159 (B,240,187)		RS1/16S473J
R	2160 (B,238,187)		RS1/16S473J
R	2161 (A,283,194)		RS1/16S473J
R	2162 (A,283,192)		RS1/16S473J
R	2163 (A,283,191)		RS1/16S473J
R	2165 (A,299,193)		RS1/16S473J
R	2166 (A,301,193)		RS1/16S473J
R	2167 (A,280,192)		RS1/16S473J
R	2170 (B,306,152)		RS1/16S0R0J
R	2171 (B,309,158)		RS1/16S0R0J
R	2177 (A,316,114)		RS1/16S153J
R	2178 (A,315,111)		RS1/16S333J
R	2179 (A,315,117)		RS1/16S153J
R	2180 (A,315,121)		RS1/16S333J
R	2181 (A,316,113)		RS1/16S0R0J
R	2182 (A,313,121)		RS1/16S0R0J
R	2183 (A,214,213)		RS1/16S101J
R	2184 (A,227,200)		RS1/16S101J
R	2185 (A,224,202)		RS1/16S101J
R	2186 (A,213,214)		RS1/16S101J
R	2187 (A,250,213)		RS1/16S0R0J
R	2188 (A,242,232)		RS1/10S0R0J
R	2189 (B,252,184)		RS1/16S0R0J
R	2190 (B,260,183)		RS1/16S0R0J
R	2191 (B,270,183)		RS1/16S0R0J
R	2192 (B,278,183)		RS1/16S0R0J
R	2193 (B,293,181)		RS1/16S0R0J
R	2194 (B,297,181)		RS1/16S0R0J

CAPACITORS

C	2001 (A,254,117)		CKSRYB104K16
C	2002 (A,257,125)		CKSRYB104K16
C	2003 (A,274,119)		CKSRYB104K16
C	2004 (A,278,127)		CKSRYB104K16
C	2005 (A,235,120)		CKSRYB104K16
C	2006 (A,239,128)		CKSRYB104K16
C	2009 (A,254,134)		CKSRYB104K16
C	2010 (A,257,143)		CKSRYB104K16
C	2011 (A,273,136)		CKSRYB104K16
C	2012 (A,278,144)		CKSRYB104K16
C	2013 (A,237,136)		CKSRYB104K16
C	2014 (A,241,144)		CKSRYB104K16
C	2015 (A,293,134)		CKSRYB104K16
C	2016 (A,293,143)		CKSRYB104K16
C	2017 (A,290,158)		CKSRYB104K16
C	2018 (A,296,165)		CKSRYB104K16
C	2020 (A,212,144)		CKSRYB104K16
C	2021 (A,215,152)		CKSRYB104K16
C	2022 (A,232,222)		CKSRYB103K50
C	2023 (A,231,214)		CKSRYB103K50

Mark	No.	Description	Part No.
C	2025 (A,207,151)		CKSRYB103K50
C	2026 (A,212,152)		CKSRYB103K50
C	2027 (A,216,157)		CEAT221M10
C	2030 (A,265,160)		CKSRYB103K50
C	2031 (A,263,159)		CKSRYB103K50
C	2032 (A,259,157)		CEAT221M10
C	2035 (A,282,164)		CKSRYB103K50
C	2036 (A,281,159)		CKSRYB103K50
C	2037 (A,277,157)		CEAT221M10
C	2040 (A,255,164)		CKSRYB103K50
C	2041 (A,253,157)		CKSRYB103K50
C	2042 (A,248,159)		CEAT331M10
C	2045 (A,273,163)		CKSRYB103K50
C	2046 (A,272,159)		CKSRYB103K50
C	2047 (A,268,157)		CEAT331M10
C	2050 (A,232,167)		CKSRYB103K50
C	2051 (A,229,159)		CKSRYB103K50
C	2052 (A,237,166)		CEAT221M10
C	2055 (A,246,165)		CKSRYB103K50
C	2056 (A,243,159)		CKSRYB103K50
C	2057 (A,237,159)		CEAT221M10
C	2060 (A,292,113)		CKSRYB103K50
C	2061 (A,300,110)		CKSRYB103K50
C	2062 (A,303,115)		CEAT221M10
C	2070 (A,218,137)		CKSRYB103K50
C	2071 (A,217,124)		CKSRYB103K50
C	2072 (A,201,127)		CEAT101M10
C	2073 (A,208,127)		CEAT101M10
C	2074 (A,222,138)		CEAT101M10
C	2075 (A,211,114)	ELECT. CAPACITOR	CEAT102M6R3
C	2076 (A,220,114)	ELECT. CAPACITOR	CEAT102M6R3
C	2077 (A,199,123)		CCSRCH101J50
C	2078 (B,225,116)		CCSRCH101J50
C	2090 (A,206,192)	ELECTROLYTIC CAPACIT	ACH7298
C	2091 (A,216,191)	ELECTROLYTIC CAPACIT	ACH7298
C	2092 (B,211,189)		CKSRYB104K16
C	2093 (B,217,188)		CKSRYB104K16
C	2095 (A,217,206)		CEAT331M10
C	2096 (A,218,199)		CEAT331M10
C	2101 (A,312,226)	ELECTROLYTIC CAPACIT	ACH7278
C	2102 (A,311,234)	ELECTROLYTIC CAPACIT	ACH7278
C	2103 (B,306,231)		CKSRYB473K25
C	2104 (A,311,215)		CCSRCH471J50
C	2105 (B,303,217)		CCSRCH5R0C50
C	2106 (B,299,217)		CCSRCH5R0C50
C	2107 (A,298,226)		CCSRCH240J50
C	2108 (A,296,226)		CCSRCH240J50
C	2109 (A,293,227)		CCSRCH331J50
C	2110 (A,291,227)		CCSRCH331J50
C	2111 (A,290,227)		CCSRCH331J50
C	2112 (A,302,236)		CCSRCH101J50
C	2113 (A,297,236)		CKSRYB122K50
C	2114 (A,293,236)		CKSRYB122K50
C	2116 (B,283,227)		CKSRYB103K50
C	2117 (B,285,227)		CKSRYB473K25
C	2118 (A,281,220)		CEAT101M10
C	2120 (A,273,226)	ELECTROLYTIC CAPACIT	ACH7278
C	2121 (A,272,233)	ELECTROLYTIC CAPACIT	ACH7278
C	2122 (B,267,231)		CKSRYB473K25
C	2123 (A,273,216)		CCSRCH471J50
C	2124 (B,264,217)		CCSRCH5R0C50
C	2125 (B,259,217)		CCSRCH5R0C50
C	2126 (A,258,226)		CCSRCH240J50
C	2127 (A,257,226)		CCSRCH240J50
C	2128 (A,251,225)		CCSRCH331J50
C	2129 (A,250,225)		CCSRCH331J50
C	2130 (A,248,225)		CCSRCH331J50
C	2131 (A,263,237)		CCSRCH101J50
C	2132 (A,258,237)		CKSRYB122K50
C	2133 (A,253,237)		CKSRYB122K50
C	2135 (B,244,227)		CKSRYB103K50
C	2136 (B,248,230)		CKSRYB473K25
C	2137 (A,243,220)		CEAT101M10
C	2138 (A,313,215)		CKSRYB103K50
C	2139 (A,273,214)		CKSRYB103K50
C	2140 (A,256,199)		CKSRYB103K50
C	2141 (A,274,199)		CKSRYB103K50
C	2142 (A,240,199)		CKSRYB103K50
C	2143 (A,292,200)		CKSRYB103K50
C	2144 (B,308,227)		CKSRYB102K50
C	2145 (B,269,227)		CKSRYB102K50
C	2173 (A,316,111)		CKSRYB224K16
C	2174 (A,315,120)		CKSRYB224K16

Y S-VIDEO ASSY

MISCELLANEOUS

IC	2201 (A,94,61)	LOGIC IC	TC74HC4052AF
IC	2202 (A,111,61)	LOGIC IC	TC74HC4052AF
IC	2203 (A,76,61)	LOGIC IC	TC74HC4052AF
IC	2204 (A,129,61)	LOGIC IC	TC74HC4053AF
IC	2208 (A,129,48)	OP AMP	EL5260IYZ
IC	2209 (B,69,40)	VIDEO SW IC	NJM2279M
IC	2210 (B,86,40)	VIDEO SW IC	NJM2279M
IC	2211 (A,155,43)	OP AMP	EL5260IYZ
IC	2212 (B,144,106)	LOGIC IC	TC4094BFN
IC	2213 (B,144,89)	LOGIC IC	TC4094BFN
IC	2301 (A,103,84)	IC	NJM12904V
Q	2201 (A,89,76)	TRANSISTOR	2SC4081
Q	2202 (A,98,73)	TRANSISTOR	2SC4081
Q	2203 (A,105,76)	TRANSISTOR	2SC4081
Q	2204 (A,115,75)	TRANSISTOR	2SC4081
Q	2330 (A,113,85)	TRANSISTOR	2SC4081
Q	2331 (A,98,99)	TRANSISTOR	UMH1N
Q	2332 (A,105,99)	TRANSISTOR	UMH1N
D	2301 (B,111,89)	DIODE	1SS352
D	2302 (B,96,87)	DIODE	1SS352
JA	2201 (A,73,13)	SOCKET	AKP7049
JA	2202 (A,115,13)	SOCKET	AKP7049
JA	2203 (A,150,13)	2P RCA PINJACK	AKB7187
CN	2201 (A,64,103)	26P CONNECTOR	RKN1067
CN	2202 (A,172,85)	23P SOCKET	XKP3083
CN	2203 (A,110,115)	9P SOCKET	XKP3075
	2204 (A,65,87)	PCB BINDER	VEF1040

RESISTORS

R	2201 (B,114,28)	CHIP RESISTOR	RS1/16S75R0F
R	2202 (B,116,28)	CHIP RESISTOR	RS1/16S75R0F

Mark	No.	Description	Part No.
R	2203 (B,72,28)	CHIP RESISTOR	RS1/16S75R0F
R	2204 (B,74,28)	CHIP RESISTOR	RS1/16S75R0F
R	2205 (B,100,28)	CHIP RESISTOR	RS1/16S75R0F
R	2206 (B,102,28)	CHIP RESISTOR	RS1/16S75R0F
R	2226 (B,137,49)		RS1/16S682J
R	2227 (B,120,50)		RS1/16S682J
R	2228 (B,135,49)	CHIP RESISTOR	RS1/16S7500F
R	2229 (B,122,50)	CHIP RESISTOR	RS1/16S7500F
R	2230 (A,134,48)		RS1/16S8200F
R	2231 (A,124,49)		RS1/16S8200F
R	2232 (A,137,49)	CHIP RESISTOR	RS1/16S75R0F
R	2233 (A,118,47)	CHIP RESISTOR	RS1/16S75R0F
R	2237 (A,109,74)		RS1/16S472J
R	2238 (A,86,74)		RS1/16S103J
R	2240 (A,86,79)		RS1/16S472J
R	2242 (A,96,71)		RS1/16S103J
R	2244 (A,96,75)		RS1/16S472J
R	2246 (A,108,76)		RS1/16S472J
R	2248 (A,106,79)		RS1/16S472J
R	2250 (A,118,74)		RS1/16S472J
R	2252 (A,114,78)		RS1/16S472J
R	2255 (A,117,71)		RS1/16S472J
R	2264 (B,59,37)	CHIP RESISTOR	RS1/16S75R0F
R	2265 (B,79,48)	CHIP RESISTOR	RS1/16S75R0F
R	2266 (A,142,92)		RS1/16S473J
R	2267 (A,144,92)		RS1/16S473J
R	2268 (A,145,92)		RS1/16S473J
R	2269 (A,147,92)		RS1/16S473J
R	2270 (A,142,85)		RS1/16S473J
R	2272 (B,93,28)	CHIP RESISTOR	RS1/16S75R0F
R	2273 (B,84,30)	CHIP RESISTOR	RS1/16S75R0F
R	2274 (B,133,91)		RS1/16S101J
R	2275 (B,127,91)		RS1/16S101J
R	2276 (A,137,85)		RS1/16S101J
R	2277 (B,133,93)		RS1/16S101J
R	2284 (B,167,77)		RS1/16S0R0J
R	2285 (B,167,73)		RS1/16S0R0J
R	2286 (A,117,108)		RS1/16S104J
R	2287 (A,114,108)		RS1/16S104J
R	2288 (A,142,109)		RS1/16S473J
R	2289 (A,144,109)		RS1/16S473J
R	2290 (A,145,109)		RS1/16S473J
R	2291 (A,147,109)		RS1/16S473J
R	2292 (A,141,102)		RS1/16S473J
R	2293 (A,143,102)		RS1/16S473J
R	2294 (A,144,102)		RS1/16S473J
R	2295 (A,146,102)		RS1/16S473J
R	2301 (A,109,84)		RS1/16S103J
R	2302 (A,96,84)		RS1/16S103J
R	2303 (A,108,86)		RS1/16S470J
R	2304 (A,97,86)		RS1/16S470J
R	2305 (B,103,91)		RS1/16S274J
R	2306 (B,94,91)		RS1/16S274J
R	2307 (B,109,83)		RS1/16S105J
R	2308 (B,100,83)		RS1/16S105J
R	2330 (B,118,87)		RS1/16S153J
R	2331 (B,118,91)		RS1/16S333J
R	2333 (A,101,96)		RS1/16S473J
R	2334 (A,96,96)		RS1/16S473J
R	2335 (A,109,95)		RS1/16S473J
R	2336 (A,104,96)		RS1/16S473J
R	2352 (B,150,42)		RS1/16S682J
R	2353 (B,160,42)		RS1/16S682J
R	2354 (B,148,42)	CHIP RESISTOR	RS1/16S7500F
R	2355 (B,162,42)	CHIP RESISTOR	RS1/16S7500F
R	2356 (A,150,42)		RS1/16S8200F
R	2357 (A,160,42)		RS1/16S8200F
R	2358 (A,147,39)	CHIP RESISTOR	RS1/16S75R0F
R	2359 (A,162,38)	CHIP RESISTOR	RS1/16S75R0F
R	9299		RS1/16S0R0J

CAPACITORS

C	2201 (B,112,30)		CKSRYB104K16
C	2202 (B,70,29)		CKSRYB104K16
C	2203 (B,98,29)		CKSRYB104K16
C	2210 (A,157,71)	ELECTROLYTIC CAPACIT	ACH7298
C	2211 (A,157,64)	ELECTROLYTIC CAPACIT	ACH7298
C	2212 (A,80,108)		CEAT331M10
C	2213 (B,78,104)		CKSRYB104K16
C	2216 (A,91,53)		CKSRYB104K16
C	2217 (A,96,53)		CKSRYB104K16
C	2218 (A,130,54)		CKSRYB104K16
C	2219 (A,127,54)		CKSRYB104K16
C	2220 (A,134,41)		CEAT101M10
C	2221 (A,126,41)		CEAT101M10
C	2222 (A,130,45)		CKSRYB103K50
C	2223 (A,127,45)		CKSRYB103K50
C	2224 (A,137,58)		CEAT331M10
C	2225 (B,124,57)		CKSRYB104K16
C	2231 (A,120,49)		CKSRYB104K16
C	2232 (B,132,29)		CCSRCH101J50
C	2233 (B,126,29)		CCSRCH101J50
C	2234 (A,109,53)		CKSRYB104K16
C	2235 (A,114,53)		CKSRYB104K16
C	2236 (A,74,53)		CKSRYB104K16
C	2237 (A,79,53)		CKSRYB104K16
C	2238 (A,87,70)	ELECT. CAPACITOR	ACH7290
C	2239 (B,88,76)		CKSRYB103K50
C	2240 (B,88,80)		CKSRYB103K50
C	2242 (A,100,69)	CERAMIC CAPACITOR	CKSQYB104K16
C	2243 (B,97,72)		CKSRYB103K50
C	2244 (B,97,76)		CKSRYB103K50
C	2246 (A,108,70)	ELECT. CAPACITOR	ACH7290
C	2247 (B,106,75)		CKSRYB103K50
C	2248 (B,106,79)		CKSRYB103K50
C	2250 (A,117,69)	CERAMIC CAPACITOR	CKSQYB104K16
C	2251 (B,115,72)		CKSRYB103K50
C	2252 (B,115,76)		CKSRYB103K50
C	2260 (A,64,57)		CEAT331M10
C	2261 (B,84,48)		CKSRYB104K16
C	2262 (A,59,46)	ELECT. CAPACITOR	CEAT102M6R3
C	2263 (B,58,29)		CCSRCH101J50
C	2264 (B,60,29)		CCSRCH101J50
C	2265 (B,63,47)		CKSRYB103K50
C	2266 (B,75,40)		CKSRYB103K50
C	2267 (B,87,48)		CKSRYB104K16
C	2268 (A,89,31)	ELECT. CAPACITOR	CEAT102M6R3
C	2269 (B,86,32)		CKSRYB104K16

Mark	No.	Description	Part No.
C	2270 (B,89,28)		CCSRCH101J50
C	2271 (B,86,28)		CCSRCH101J50
C	2272 (B,93,40)		CKSRYB103K50
C	2273 (B,79,40)		CKSRYB103K50
C	2286 (B,151,106)		CKSRYB103K50
C	2287 (B,151,89)		CKSRYB103K50
C	2301 (A,108,84)		CKSRYB104K16
C	2302 (A,98,84)		CKSRYB104K16
C	2303 (A,108,91)		CEAT100M50
C	2304 (A,97,91)		CEAT100M50
C	2305 (A,104,87)		CKSRYB103K50
C	2331 (B,116,91)		CKSRYB224K16
C	2332 (A,114,91)		CKSRYB103K50
C	2350 (A,149,35)		CEAT101M10
C	2351 (A,157,35)		CEAT101M10
C	2352 (A,153,40)		CKSRYB103K50
C	2353 (A,156,40)		CKSRYB103K50
C	2354 (A,150,53)		CEAT221M10
C	2355 (A,157,53)		CEAT221M10
C	2362 (B,141,30)		CCSRCH101J50
C	2363 (B,157,27)		CCSRCH101J50

Z COMPONENT ASSY

MISCELLANEOUS

IC	2401 (A,244,47)	MULTIPLEXER(8CH*1)	TC74LVX4051FT
IC	2402 (A,217,49)	MULTIPLEXER(8CH*1)	TC74LVX4051FT
IC	2403 (A,231,49)	MULTIPLEXER(8CH*1)	TC74LVX4051FT
IC	2404 (A,280,83)	MULTIPLEXER(2CH*3)	TC74LVX4053FT
IC	2405 (A,267,57)	VIDEO OP AMP IC	ADA4861-3YRZ
IC	2407 (A,249,89)	IC	NJM12904V
IC	2408 (A,244,60)	MULTIPLEXER(8CH*1)	TC74LVX4051FT
IC	2409 (A,217,62)	MULTIPLEXER(8CH*1)	TC74LVX4051FT
IC	2410 (A,231,62)	MULTIPLEXER(8CH*1)	TC74LVX4051FT
IC	2411 (A,289,83)	MULTIPLEXER(2CH*3)	TC74LVX4053FT
IC	2412 (A,279,57)	VIDEO OP AMP IC	ADA4861-3YRZ
IC	2414 (A,300,45)	OP AMP	EL5260IYZ
IC	2415 (A,282,109)	LOGIC IC	TC4094BFN
IC	2416 (A,298,109)	LOGIC IC	TC4094BFN
Q	2402 (A,229,101)	TRANSISTOR	2SA1226S1
Q	2403 (A,221,101)	TRANSISTOR	2SA1226S1
Q	2404 (A,229,97)	TRANSISTOR	2SA1226S1
Q	2405 (A,221,97)	TRANSISTOR	2SA1226S1
Q	2406 (A,229,92)	TRANSISTOR	2SA1226S1
Q	2407 (A,221,92)	TRANSISTOR	2SA1226S1
Q	2409 (A,229,88)	TRANSISTOR	2SA1226S1
Q	2410 (A,221,88)	TRANSISTOR	2SA1226S1
Q	2411 (A,229,83)	TRANSISTOR	2SA1226S1
Q	2412 (A,221,83)	TRANSISTOR	2SA1226S1
Q	2413 (A,229,79)	TRANSISTOR	2SA1226S1
Q	2414 (A,221,79)	TRANSISTOR	2SA1226S1
Q	2420 (A,264,64)	DIGITAL TR(SC-70)	RT1P241M
Q	2430 (A,273,63)	DIGITAL TR(SC-70)	RT1P241M
Q	2520 (A,257,51)	TRANSISTOR	2SC4081
Q	2521 (A,257,65)	TRANSISTOR	2SA1576A
D	2401 (A,254,96)	DIODE	1SS352
D	2402 (A,254,84)	DIODE	1SS352
JA	2401 (A,203,13)	PIN JACK(6P)	AKB7183
JA	2402 (A,238,13)	PIN JACK(9P)	AKB7184
JA	2403 (A,273,13)	PIN JACK(6P)	AKB7183
JA	2404 (A,294,13)	JACK	VKB1156
CN	2401 (A,201,70)	30P CONNECTOR	RKN1039
CN	2402 (A,309,85)	19P SOCKET	XKP3080
CN	2403 (A,248,115)	9P SOCKET	XKP3075
CN	2405 (A,237,114)	5P CONNECTOR	52044-0545
	2401 (A,195,46)	PCB BINDER	VEF1040

RESISTORS

R	2401 (B,195,34)	CHIP RESISTOR	RS1/16S75R0F
R	2402 (B,203,28)	CHIP RESISTOR	RS1/16S75R0F
R	2403 (B,194,29)	CHIP RESISTOR	RS1/16S75R0F
R	2404 (B,208,30)	CHIP RESISTOR	RS1/16S75R0F
R	2405 (B,213,30)	CHIP RESISTOR	RS1/16S75R0F
R	2406 (B,208,22)	CHIP RESISTOR	RS1/16S75R0F
R	2407 (B,218,30)	CHIP RESISTOR	RS1/16S75R0F
R	2408 (B,227,30)	CHIP RESISTOR	RS1/16S75R0F
R	2409 (B,222,22)	CHIP RESISTOR	RS1/16S75R0F
R	2410 (B,236,30)	CHIP RESISTOR	RS1/16S75R0F
R	2411 (B,243,30)	CHIP RESISTOR	RS1/16S75R0F
R	2412 (B,236,22)	CHIP RESISTOR	RS1/16S75R0F
R	2413 (B,250,30)	CHIP RESISTOR	RS1/16S75R0F
R	2414 (B,256,30)	CHIP RESISTOR	RS1/16S75R0F
R	2415 (B,250,22)	CHIP RESISTOR	RS1/16S75R0F
R	2420 (B,269,69)		RS1/16S0R0J
R	2421 (B,271,69)		RS1/16S0R0J
R	2422 (B,273,69)		RS1/16S0R0J
R	2423 (B,264,56)		RS1/16S123J
R	2424 (B,269,62)		RS1/16S123J
R	2425 (B,268,56)		RS1/16S123J
R	2426 (B,262,45)	CHIP RESISTOR	RS1/16S75R0F
R	2427 (B,270,33)	CHIP RESISTOR	RS1/16S75R0F
R	2428 (B,264,45)	CHIP RESISTOR	RS1/16S75R0F
R	2429 (A,261,66)		RS1/16S104J
R	2430 (B,276,69)		RS1/16S0R0J
R	2431 (B,282,66)		RS1/16S0R0J
R	2432 (B,280,68)		RS1/16S0R0J
R	2433 (B,278,56)		RS1/16S123J
R	2434 (B,284,64)		RS1/16S123J
R	2435 (B,283,56)		RS1/16S123J
R	2436 (B,281,52)	CHIP RESISTOR	RS1/16S75R0F
R	2437 (B,285,45)	CHIP RESISTOR	RS1/16S75R0F
R	2438 (B,283,47)	CHIP RESISTOR	RS1/16S75R0F
R	2439 (A,278,63)		RS1/16S104J
R	2443 (A,216,102)		RS1/16S471J
R	2444 (A,216,97)		RS1/16S471J
R	2445 (A,215,93)		RS1/16S471J
R	2446 (A,233,103)		RS1/16S184J
R	2447 (A,233,98)		RS1/16S184J
R	2448 (A,233,94)		RS1/16S184J
R	2449 (A,236,100)		RS1/16S101J
R	2450 (A,236,96)		RS1/16S101J
R	2451 (A,236,91)		RS1/16S101J
R	2452 (A,234,101)		RS1/16S114J
R	2453 (A,234,96)		RS1/16S114J
R	2454 (A,234,92)		RS1/16S114J
R	2455 (B,229,89)		RS1/16S472J
R	2456 (B,229,85)		RS1/16S472J
R	2457 (B,229,80)		RS1/16S472J

Mark	No.	Description	Part No.
R	2458	(A,215,88)	RS1/16S471J
R	2459	(A,215,84)	RS1/16S471J
R	2460	(A,215,79)	RS1/16S471J
R	2461	(A,233,89)	RS1/16S184J
R	2462	(A,233,85)	RS1/16S184J
R	2463	(A,233,80)	RS1/16S184J
R	2464	(A,236,87)	RS1/16S101J
R	2465	(A,236,82)	RS1/16S101J
R	2466	(A,236,78)	RS1/16S101J
R	2467	(A,234,87)	RS1/16S114J
R	2468	(A,234,83)	RS1/16S114J
R	2469	(A,233,78)	RS1/16S114J
R	2470	(A,245,93)	RS1/16S103J
R	2471	(A,246,89)	RS1/16S103J
R	2472	(A,252,95)	RS1/16S470J
R	2473	(A,252,84)	RS1/16S470J
R	2474	(A,253,91)	RS1/16S274J
R	2475	(A,253,89)	RS1/16S274J
R	2476	(B,250,91)	RS1/16S105J
R	2477	(B,246,87)	RS1/16S105J
R	2485	(B,281,107)	RS1/16S473J
R	2486	(B,283,107)	RS1/16S473J
R	2487	(B,286,107)	RS1/16S473J
R	2488	(B,288,107)	RS1/16S473J
R	2489	(B,279,116)	RS1/16S473J
R	2490	(B,281,116)	RS1/16S473J
R	2491	(B,284,115)	RS1/16S473J
R	2492	(B,288,115)	RS1/16S473J
R	2493	(B,297,107)	RS1/16S473J
R	2494	(B,300,107)	RS1/16S473J
R	2495	(B,232,105)	RS1/16S104J
R	2496	(B,234,105)	RS1/16S104J
R	2497	(B,236,105)	RS1/16S104J
R	2498	(B,238,105)	RS1/16S104J
R	2500	(A,295,47)	RS1/16S682J
R	2501	(A,306,47)	RS1/16S682J
R	2502	(A,295,45) CHIP RESISTOR	RS1/16S7500F
R	2503	(A,296,43)	RS1/16S8200F
R	2504	(A,306,45) CHIP RESISTOR	RS1/16S7500F
R	2505	(A,305,43)	RS1/16S8200F
R	2506	(A,292,40) CHIP RESISTOR	RS1/16S75R0F
R	2507	(A,309,41) CHIP RESISTOR	RS1/16S75R0F
R	2510	(B,210,114)	RS1/16S104J
R	2511	(B,208,114)	RS1/16S104J
R	2512	(B,206,114)	RS1/16S104J
R	2513	(A,201,107)	RS1/16S104J
R	2514	(A,201,109)	RS1/16S104J
R	2515	(A,201,111)	RS1/16S104J
R	2520	(A,256,47)	RS1/16S153J
R	2521	(A,260,47)	RS1/16S333J
R	2522	(A,257,61)	RS1/16S153J
R	2523	(A,260,61)	RS1/16S333J
R	2535	(A,238,88)	RS1/16S472J
R	2536	(A,238,84)	RS1/16S472J
R	2537	(A,238,80)	RS1/16S472J
R	2540	(B,264,54)	RS1/16S3000F
R	2541	(B,263,51) CHIP RESISTOR	RS1/16S3300F
R	2542	(B,271,62)	RS1/16S3000F
R	2543	(A,273,59) CHIP RESISTOR	RS1/16S3300F
R	2544	(B,268,54)	RS1/16S3000F
R	2545	(B,271,53) CHIP RESISTOR	RS1/16S3300F
R	2546	(B,278,53)	RS1/16S3000F
R	2547	(B,276,51) CHIP RESISTOR	RS1/16S3300F
R	2548	(B,286,65)	RS1/16S3000F
R	2549	(A,284,60) CHIP RESISTOR	RS1/16S3300F
R	2550	(B,283,52)	RS1/16S3000F
R	2551	(A,285,53) CHIP RESISTOR	RS1/16S3300F
R	2553	(A,227,102)	RS1/16S102J
R	2554	(A,227,97)	RS1/16S102J
R	2555	(A,227,93)	RS1/16S102J
R	2556	(A,225,102)	RS1/16S390J
R	2557	(A,225,97)	RS1/16S390J
R	2558	(A,225,93)	RS1/16S390J
R	2559	(A,218,102)	RS1/16S330J
R	2560	(A,218,97)	RS1/16S330J
R	2561	(A,218,93)	RS1/16S330J
R	2562	(A,227,88)	RS1/16S102J
R	2563	(A,227,84)	RS1/16S102J
R	2564	(A,227,79)	RS1/16S102J
R	2565	(A,225,88)	RS1/16S390J
R	2566	(A,225,84)	RS1/16S390J
R	2567	(A,225,79)	RS1/16S390J
R	2568	(A,218,88)	RS1/16S330J
R	2569	(A,218,84)	RS1/16S330J
R	2570	(A,218,79)	RS1/16S330J
R	2571	(B,276,112)	RS1/16S101J
R	2572	(B,270,115)	RS1/16S101J
R	2573	(B,264,116)	RS1/16S101J
R	2574	(B,270,113)	RS1/16S101J
R	9588		RS1/16S0R0J
R	9589		RS1/16S0R0J

CAPACITORS

C	2416	(A,268,46)	CEAT101M10
C	2417	(A,276,46)	CEAT101M10
C	2418	(A,266,51)	CKSRYB104K16
C	2419	(A,269,51)	CKSRYB104K16
C	2420	(A,272,81)	CEAT331M10
C	2421	(A,271,73) ELECT. CAPACITOR	ACH7290
C	2422	(A,277,73) ELECT. CAPACITOR	ACH7290
C	2430	(A,284,73)	CEAT331M10
C	2431	(A,296,84) ELECT. CAPACITOR	ACH7290
C	2432	(A,291,73)	CEAT221M10
C	2437	(B,278,30)	CCSRCH120J50
C	2438	(B,282,23)	CCSRCH120J50
C	2439	(B,274,29)	CCSRCH120J50
C	2440	(B,232,101) CHIP CERAMIC C.	DCH1165
C	2441	(B,232,96) CHIP CERAMIC C.	DCH1165
C	2442	(B,232,92) CHIP CERAMIC C.	DCH1165
C	2443	(A,236,103)	CKSRYB103K50
C	2444	(A,236,98)	CKSRYB103K50
C	2445	(A,236,94)	CKSRYB103K50
C	2449	(A,223,100)	CKSRYB103K50
C	2450	(A,223,96)	CKSRYB103K50
C	2451	(A,223,91)	CKSRYB103K50
C	2455	(B,232,87) CHIP CERAMIC C.	DCH1165
C	2456	(B,232,82) CHIP CERAMIC C.	DCH1165
C	2457	(B,231,78) CHIP CERAMIC C.	DCH1165

Mark	No.	Description	Part No.
C	2458 (A,236,89)		CKSRYB103K50
C	2459 (A,236,85)		CKSRYB103K50
C	2460 (A,236,80)		CKSRYB103K50
C	2464 (A,223,87)		CKSRYB103K50
C	2465 (A,223,82)		CKSRYB103K50
C	2466 (A,223,78)		CKSRYB103K50
C	2467 (A,278,51)		CKSRYB104K16
C	2468 (A,281,51)		CKSRYB104K16
C	2470 (A,245,96)		CKSRYB104K16
C	2471 (A,246,86)		CKSRYB104K16
C	2472 (A,253,92)	CHIP CERAMIC C.	DCH1165
C	2473 (A,253,87)	CHIP CERAMIC C.	DCH1165
C	2478 (A,276,113)		CKSRYB103K50
C	2479 (A,292,110)		CKSRYB103K50
C	2484 (A,243,42)		CKSRYB104K16
C	2485 (A,248,51)		CKSRYB104K16
C	2486 (A,216,45)		CKSRYB104K16
C	2487 (A,220,53)		CKSRYB104K16
C	2488 (A,230,45)		CKSRYB104K16
C	2489 (A,233,53)		CKSRYB104K16
C	2490 (A,276,84)		CKSRYB104K16
C	2491 (A,284,81)		CKSRYB104K16
C	2492 (A,244,56)		CKSRYB104K16
C	2493 (A,247,64)		CKSRYB104K16
C	2494 (A,216,58)		CKSRYB104K16
C	2495 (A,220,66)		CKSRYB104K16
C	2496 (A,230,58)		CKSRYB104K16
C	2497 (A,232,66)		CKSRYB104K16
C	2498 (A,284,84)		CKSRYB104K16
C	2499 (A,293,81)		CKSRYB104K16
C	2500 (A,295,38)		CEAT101M10
C	2501 (A,303,38)		CEAT101M10
C	2502 (A,299,42)		CKSRYB103K50
C	2503 (A,302,42)		CKSRYB103K50
C	2504 (A,299,52)		CEAT221M10
C	2505 (A,306,53)		CEAT221M10
C	2510 (B,292,32)		CCSRCH101J50
C	2511 (B,300,32)		CCSRCH101J50
C	2516 (A,301,79)	ELECTROLYTIC CAPACIT	ACH7298
C	2517 (A,303,69)	ELECTROLYTIC CAPACIT	ACH7298
C	2518 (B,298,77)		CKSRYB103K50
C	2519 (B,300,64)		CKSRYB103K50
C	2522 (A,260,49)		CKSRYB224K16
C	2523 (A,260,62)		CKSRYB224K16
C	2590 (A,292,95)		CEAT221M10
C	2591 (A,284,95)		CEAT221M10
C	2592 (A,264,102)		CEAT331M10
C	2593 (A,207,106)		CEAT221M10
C	2594 (A,261,110)	ELECT. CAPACITOR	ACH7290
C	2595 (A,269,109)		CEAT331M10

AA VIDEO BRIDGE ASSY

MISCELLANEOUS

CN	2501 (A,150,202)	9P PLUG	XKP3064
CN	2502 (A,174,202)	9P PLUG	XKP3064

Mark	No.	Description	Part No.

AC IR 232C ASSY

MISCELLANEOUS

IC	6001 (A,38,113)	RS232 IC	HIN202EIBNZ
IC	6051 (A,58,93)	IC	TC74VHC125FTS1
IC	6052 (A,57,106)	IC	TC74VHCT125AFTS1
IC	6053 (A,112,56)	IC	TC74VHCT125AFTS1
IC	6201 (A,132,73)	MICROCOMPUTER IC	PDC158A8
IC	6301 (A,93,89)	CPU	PEG292A8
IC	6391 (A,93,112)	FLASH ROM	AYW7229
IC	6392 (A,110,120)	IC	TC7SH08FUS1
IC	6411 (A,78,47)	REGULATOR IC	NJM2880U1-33
Q	6001 (A,42,102)	TRANSISTOR	2SC4154
Q	6101 (A,43,92)	CHIP TRANSISTOR	RN4903
Q	6102 (A,45,81)	CHIP TRANSISTOR	RN4903
Q	6103 (A,49,70)	CHIP TRANSISTOR	RN4903
Q	6104 (A,49,58)	CHIP TRANSISTOR	RN4903
Q	6151 (A,57,52)	TRANSISTOR(SC-70)	2SA1602A
Q	6152 (A,47,48)	TRANSISTOR	RT1N241M
Q	6201 (A,122,94)	DIGITAL TR(SC-70)	RT1P431M
Q	6301 (B,110,81)	TRANSISTOR	RT1N241M
D	6001 (A,45,102)	DIODE	1SS352
D	6002 (A,38,106)	DIODE	1SS352
D	6101 (B,35,94)	CHIP DIODE	RB501V-40
D	6102 (B,33,88)	CHIP DIODE	RB501V-40
D	6103 (B,33,78)	CHIP DIODE	RB501V-40
D	6104 (B,33,70)	CHIP DIODE	RB501V-40
D	6121 (A,38,86)	DIODE	MC2848-11
D	6122 (A,44,64)	DIODE	MC2848-11
D	6151 (A,58,46)	DIODE	1SS352
D	6152 (A,49,45)	DIODE	MC2848-11
D	6153 (A,47,51)	DIODE	1SS352
D	6201 (A,118,61)	DIODE	MC2848-11
D	6391 (A,113,111)	CHIP DIODE	RB501V-40
D	6401 (A,119,37)	DIODE	MC2848-11
D	6402 (A,123,37)	DIODE	MC2848-11
D	6411 (A,75,54)	DIODE	MC2848-11
L	6001 (B,53,116)	CHIP SOLID INDUCTOR	QTL1013
L	6101 (B,30,93)	CHIP SOLID INDUCTOR	QTL1013
L	6102 (B,30,88)	CHIP SOLID INDUCTOR	QTL1013
L	6103 (B,30,75)	CHIP SOLID INDUCTOR	QTL1013
L	6104 (B,30,70)	CHIP SOLID INDUCTOR	QTL1013
L	6105 (B,28,58)	CHIP SOLID INDUCTOR	QTL1013
L	6106 (B,30,51)	CHIP SOLID INDUCTOR	QTL1013
L	6107 (B,30,37)	CHIP SOLID INDUCTOR	QTL1013
L	6108 (B,30,30)	CHIP SOLID INDUCTOR	QTL1013
L	6201 (B,124,50)	CHIP SOLID INDUCTOR	QTL1013
L	6301 (B,74,75)	CHIP SOLID INDUCTOR	QTL1013
JA	6101 (A,16,93)	JACK	RKN1004
JA	6102 (A,16,83)	JACK	RKN1004
JA	6103 (A,16,73)	JACK	RKN1004
JA	6104 (A,16,63)	JACK	RKN1004
JA	6105 (A,16,53)	JACK	RKN1004
JA	6106 (A,16,43)	JACK	RKN1004
JA	6107 (A,16,33)	JACK	RKN1004
JA	6108 (A,16,23)	JACK	RKN1004
X	6201 (A,132,91)	CRYSTAL OSCILLATOR CRYSTAL OSC	CSS1653
X	6301 (A,93,74)	CERAMIC RESONATOR	ASS7087
CN	6001 (A,12,115)	9P D-SUB SOCKET	AKP1213

Mark	No.	Description	Part No.
	CN 6281 (A,126,118)	9P CONNECTOR	VKN1413
	CN 6381 (A,65,118)	10P CONNECTOR	VKN1414
	CN 6401 (A,154,18)	13P SOCKET	XKP3077
	CN 6402 (A,102,15)	PLUG	CKS1764
	CN 6403 (A,67,15)	PLUG	CKS1764
	CN 6404 (A,34,15)	PLUG	CKS1764
	CN 6405 (A,155,89)	14P CONNECTOR	VKN1418
	CN 6406 (A,155,109)	12P CONNECTOR	VKN1416
	CN 6407 (A,155,47)	PLUG(7P)	KM200NA7
	CN 6408 (A,154,39)	CONNECTOR	CKS3374
	CN 6409 (A,145,120)	8P CONNECTOR	VKN1412
	6001 (A,134,120)	PCB BINDER	VEF1040

RESISTORS

	R	6001 (A,27,116)	RS1/16S0R0J
	R	6002 (A,30,110)	RS1/16S101J
	R	6003 (A,30,108)	RS1/16S101J
	R	6004 (A,44,106)	RS1/16S101J
	R	6005 (A,45,111)	RS1/16S101J
	R	6006 (B,36,117)	RS1/16S101J
	R	6007 (A,34,106)	RS1/16S224J
	R	6008 (A,34,104)	RS1/16S474J
	R	6009 (A,39,104)	RS1/16S103J
	R	6010 (A,36,102)	RS1/16S224J
	R	6051 (B,56,101)	RS1/16S182J
	R	6052 (B,59,101)	RS1/16S101J
	R	6053 (B,60,91)	RS1/16S104J
	R	6054 (B,57,108)	RS1/16S101J
	R	6101 (A,29,64)	RS1/16S0R0J
	R	6102 (A,29,53)	RS1/16S0R0J
	R	6103 (A,30,44)	RS1/16S0R0J
	R	6104 (A,30,40)	RS1/16S0R0J
	R	6109 (A,37,91)	RS1/16S104J
	R	6110 (A,39,80)	RS1/16S104J
	R	6111 (A,43,69)	RS1/16S104J
	R	6112 (A,43,58)	RS1/16S104J
	R	6113 (A,39,92)	RS1/16S223J
	R	6114 (A,41,81)	RS1/16S223J
	R	6115 (A,46,70)	RS1/16S223J
	R	6116 (A,46,58)	RS1/16S223J
	R	6121 (A,39,91)	RS1/16S622J
	R	6122 (A,41,79)	RS1/16S622J
	R	6123 (A,46,68)	RS1/16S622J
	R	6124 (A,46,57)	RS1/16S622J
	R	6152 (A,59,51)	RS1/16S104J
	R	6153 (A,59,54)	RS1/16S104J
	R	6154 (A,54,49)	RS1/16S103J
	R	6155 (A,53,47)	RS1/16S102J
	R	6156 (A,49,55)	RS1/16S472J
	R	6191	RS1/16S0R0J
	R	6192	RS1/16S0R0J
	R	6193	RS1/16S0R0J
	R	6194	RS1/16S0R0J
	R	6195	RS1/16S0R0J
	R	6196	RS1/16S0R0J
	R	6201 (A,143,95)	RS1/16S101J
	R	6202 (B,137,72)	RS1/16S104J
	R	6203 (A,134,87)	RS1/16S105J
	R	6204 (B,134,88)	RS1/16S0R0J

Mark	No.	Description	Part No.
R	6205 (A,126,98)		RAB4C101J
R	6206 (B,129,81)		RS1/16S104J
R	6207 (A,118,83)		RS1/16S104J
R	6208 (A,119,92)		RS1/16S473J
R	6209 (A,122,91)		RS1/16S473J
R	6210 (A,119,86)		RS1/16S101J
R	6211 (A,118,86)		RS1/16S101J
R	6212 (A,121,83)		RS1/16S474J
R	6214 (A,117,78)		RAB4C473J
R	6215 (A,124,59)		RS1/16S104J
R	6216 (B,139,67)		RS1/16S473J
R	6217 (A,133,60)		RS1/16S101J
R	6218 (A,135,54)		RS1/16S473J
R	6219 (A,138,55)		RS1/16S101J
R	6220 (A,140,55)		RS1/16S101J
R	6221 (A,147,59)		RS1/16S101J
R	6222 (A,152,68)		RS1/16S473J
R	6223 (B,148,76)		RS1/16S101J
R	6224 (B,150,77)		RS1/16S101J
R	6225 (B,152,77)		RS1/16S101J
R	6226 (A,150,76)		RS1/16S331J
R	6227 (A,150,77)		RS1/16S331J
R	6228 (A,149,78)		RS1/16S331J
R	6229 (A,156,78)		RS1/16S221J
R	6231 (A,122,100)		RS1/16S104J
R	6251 (A,147,84)		RAB4C101J
R	6252 (B,146,80)		RS1/16S472J
R	6253 (B,146,82)		RS1/16S472J
R	6254 (B,146,84)		RS1/16S472J
R	6301 (A,83,72)		RAB4C331J
R	6302 (A,87,72)		RAB4C101J
R	6303 (A,101,74)		RAB4C221J
R	6304 (A,111,82)		RAB4C101J
R	6306 (A,109,88)		RAB4C101J
R	6307 (A,75,92)		RAB4C331J
R	6308 (A,75,87)		RAB4C331J
R	6309 (A,109,85)		RS1/16S101J
R	6310 (B,106,92)		RS1/16S221J
R	6311 (B,104,92)		RS1/16S221J
R	6312 (B,108,97)		RS1/16S101J
R	6313 (B,100,99)		RS1/16S101J
R	6314 (A,81,81)		RS1/16S331J
R	6315 (A,81,80)		RS1/16S331J
R	6316 (A,81,78)		RS1/16S331J
R	6317 (B,57,91)		RS1/16S224J
R	6318 (B,97,87)		RS1/16S104J
R	6320 (B,101,92)		RS1/16S473J
R	6321 (B,83,79)		RS1/16S473J
R	6322 (B,85,79)		RS1/16S472J
R	6323 (B,87,79)		RS1/16S473J
R	6324 (B,88,72)		RS1/16S473J
R	6325 (B,99,85)		RS1/16S473J
R	6326 (B,102,79)		RS1/16S473J
R	6327 (B,106,79)		RS1/16S473J
R	6329 (B,110,87)		RS1/16S104J
R	6331 (A,111,95)		RS1/16S473J
R	6332 (A,108,102)		RS1/16S473J
R	6333 (B,79,88)		RS1/16S473J
R	6334 (B,76,87)		RS1/16S473J
R	6335 (A,111,97)		RS1/16S473J

Mark	No.	Description	Part No.
R	6337 (B,100,97)		RS1/16S101J
R	6338 (B,108,99)		RS1/16S101J
R	6340 (B,83,91)		RS1/16S101J
R	6341 (B,81,91)		RS1/16S101J
R	6342 (B,87,92)		RS1/16S101J
R	6343 (B,85,92)		RS1/16S101J
R	6392 (B,91,108)		RS1/16S473J
R	6401 (A,152,78)		RS1/16S104J
R	6402 (A,139,84)		RS1/16S104J
R	6403 (A,154,71)		RS1/16S104J
R	6404 (B,79,74)		RS1/16S104J
R	6405 (A,111,93)		RS1/16S104J
R	6406 (B,100,77)		RS1/16S104J
R	6407 (A,78,81)		RS1/16S104J
R	6408 (B,104,74)		RS1/16S104J
R	6409 (B,98,77)		RS1/16S104J
R	6410 (B,98,70)		RS1/16S104J
R	6411 (A,113,92)		RS1/16S104J
R	6499 (B,60,22)		RS1/16S0R0J

CAPACITORS

C	6001 (A,50,118)		CEJQ101M16
C	6002 (A,43,117)		CKSRYB103K50
C	6003 (B,40,113)		CKSRYB104K16
C	6004 (A,38,120)		CKSRYB104K16
C	6005 (A,31,117)		CKSRYB104K16
C	6006 (A,31,113)		CKSRYB104K16
C	6007 (A,29,106)		CKSRYB103K50
C	6008 (A,38,102)		CCSRCH331J50
C	6009 (A,44,117)		CKSRYB105K16
C	6051 (A,54,95)		CKSRYB104K16
C	6052 (A,53,107)		CKSRYB104K16
C	6053 (A,107,59)		CKSRYB104K16
C	6101 (A,42,95)		CKSRYB103K50
C	6102 (A,45,83)		CKSRYB103K50
C	6103 (A,49,72)		CKSRYB103K50
C	6104 (A,49,61)		CKSRYB103K50
C	6105 (A,43,90)		CKSRYB153K50
C	6106 (A,45,79)		CKSRYB153K50
C	6107 (A,49,67)		CKSRYB153K50
C	6108 (A,49,56)		CKSRYB153K50
C	6151 (A,54,52)		CKSRYB103K50
C	6201 (A,128,50)		CEAT221M16
C	6202 (A,133,84)		CKSRYB104K16
C	6203 (B,124,58)		CKSRYB104K16
C	6204 (B,150,68)		CKSRYB104K16
C	6205 (B,113,67)		CKSRYB104K16
C	6206 (B,147,65)		CKSRYB104K16
C	6207 (B,141,58)		CKSRYB104K16
C	6208 (A,138,84)		CKSRYB104K16
C	6209 (B,136,95)		CCSRCH120J50
C	6210 (B,132,95)		CCSRCH120J50
C	6211 (A,119,83)		CKSRYB103K50
C	6222 (B,133,84)		CKSRYB102K50
C	6223 (A,126,62)		CKSRYB102K50
C	6224 (A,147,71)		CKSRYB102K50
C	6225 (A,117,73)		CKSRYB102K50
C	6226 (A,146,67)		CKSRYB102K50
C	6227 (A,143,62)		CKSRYB102K50
C	6228 (B,138,84)		CKSRYB104K16

Mark	No.	Description	Part No.
C	6301 (A,73,79)		CEAT101M16
C	6302 (A,97,69)		CKSRYB104K16
C	6303 (B,92,101)		CKSRYB104K16
C	6304 (B,78,80)		CKSRYB104K16
C	6312 (A,97,75)		CKSRYB102K50
C	6313 (A,94,101)		CKSRYB102K50
C	6314 (A,81,84)		CKSRYB102K50
C	6391 (B,80,109)		CKSRYB104K16
C	6393 (A,111,118)		CKSRYB104K16
C	6394 (A,79,112)		CKSRYB102K50
C	6401 (B,59,29)		CKSRYB105K16
C	6402 (B,150,29)		CKSRYB105K16
C	6403 (A,125,37)		CKSRYB105K16
C	6411 (A,73,44)		CKSRYB104K16
C	6412 (A,79,42)		CKSRYB104K16
C	6413 (A,79,53)		CKSQYB225K10

AD MOTHER 2 ASSY

MISCELLANEOUS

⚠ IC	4751 (A,153,43)	PROTECTOR(7A)	AEK7021
⚠ IC	4752 (A,139,77)	IC	NJM78M05FA
IC	8501 (A,113,99)	PORT EXPANDER IC	BU4094BCFV
IC	8502 (A,89,96)	PORT EXPANDER IC	BU4094BCFV
⚠ IC	8503 (A,61,42)	REGULATOR IC	NJM78M56FA
IC	8504 (A,144,105)	IC	TC74VHCT08AFTS1
IC	8506 (A,108,50)	IC	TC74VHCT541AFTS1
IC	8507 (A,47,69)	OP-AMP IC	BA4560RF
Q	8501 (A,77,31)	TRANSISTOR	RT1N141M-11
Q	8502 (A,70,31)	DIGITAL TR(SC-70)	RT1P241M
Q	8504 (A,26,100)	TRANSISTOR	2SB1189
Q	8505 (A,31,100)	TRANSISTOR(SC-70)	2SA1602A
Q	8506 (A,29,83)	TRANSISTOR	2SB1189
Q	8507 (A,30,77)	TRANSISTOR(SC-70)	2SA1602A
Q	8508 (A,35,100)	TRANSISTOR	RT1N241M
Q	8509 (A,31,72)	TRANSISTOR	2SB1189
Q	8510 (A,30,67)	TRANSISTOR(SC-70)	2SA1602A
Q	8511 (A,30,54)	TRANSISTOR	2SB1189
Q	8512 (A,30,49)	TRANSISTOR(SC-70)	2SA1602A
Q	8513 (A,38,78)	TRANSISTOR	RT1N241M
Q	8514 (A,33,59)	TRANSISTOR	RT1N241M
Q	8515 (A,42,48)	TRANSISTOR	RT1N241M
D	4751 (A,160,58)	DIODE	D5SBA20(B)
D	4752 (A,167,89)	DIODE	MTZJ6R2(B)
D	8501 (B,56,26)	CHIP DIODE	RB501V-40
D	8503 (A,41,79)	DIODE	UDZS5R1(B)
D	8505 (B,24,94)	DIODE	1SS352
D	8506 (B,32,78)	DIODE	1SS352
D	8507 (B,32,68)	DIODE	1SS352
D	8508 (B,32,58)	DIODE	1SS352
D	8509 (A,29,31)	DIODE	1SS352
D	8510 (A,37,34)	DIODE	1SS352
D	8512 (A,115,51)	DIODE	1SS352
L	8502 (A,37,38)	CHIP SOLID INDUCTOR	QTL1013
L	8503 (A,29,35)	CHIP SOLID INDUCTOR	QTL1013
L	8504 (A,27,32)	CHIP SOLID INDUCTOR	QTL1013
L	8505 (A,25,25)	CHIP SOLID INDUCTOR	QTL1013
L	8506 (B,33,27)	CHIP SOLID INDUCTOR	QTL1013
L	8507 (A,22,14)	CHIP SOLID INDUCTOR	QTL1013

Mark	No.	Description	Part No.
L	8508 (B,31,24)	CHIP SOLID INDUCTOR	QTL1013
J	8512 (A,79,40)	2P HOUSING ASSY	ADX7580
JA	8501 (A,11,88)	JACK	RKN1004
JA	8502 (A,11,78)	JACK	RKN1004
JA	8503 (A,11,68)	JACK	RKN1004
JA	8504 (A,11,58)	JACK	RKN1004
JA	8505 (A,10,36)	MINI JACK(4P) /W SW	XKN3015
JA	8506 (A,10,24)	MINI JACK(4P) /W SW	XKN3015
KN	8501 (A,9,47)	SCREW PLATE	VNE1948
CN	4751 (A,233,44)	2P TOP POST	B2B-EH
CN	4752 (A,167,80)	PLUG(3P)	KM200NA3R
CN	8501 (A,165,139)	19P CONNECTOR	19R-1.25FJ
CN	8502 (A,134,139)	13P CONNECTOR	13R-1.25FJ
CN	8503 (A,105,139)	21P CONNECTOR	21R-1.25FJ
CN	8504 (A,110,108)	23P PLUG	XKP3071
CN	8505 (A,73,108)	23P PLUG	XKP3071
CN	8506 (A,81,84)	23P PLUG	XKP3071
CN	8507 (A,80,60)	19P PLUG	XKP3069
CN	8508 (A,151,13)	13P PLUG	XKP3066
CN	8509 (A,99,12)	CONNECTOR	CKS1730
CN	8510 (A,88,14)	CONNECTOR	CKS1730
CN	8511 (A,30,12)	CONNECTOR	CKS1730
CN	8513 (A,240,15)	CONNECTOR(05P)	TUC-P05P-B1
CN	8514 (A,77,50)	PLUG(11P)	KM200NA11
	8506	SCREW	BBZ30P080FNI
	8501 (A,169,15)	PCB BINDER	VEF1040
	8502 (A,197,46)	PCB BINDER	VEF1040
	8504 (A,157,38)	PCB BINDER	VEF1040
	8507	HEAT SINK	ANH-575
	8509	SCREW	BBZ30P080FNI
	8503 (A,202,17)	PCB BINDER	VEF1040

RESISTORS

Mark	No.	Description	Part No.
⚠ R	4751 (A,143,50)	CARBON FILM RESISTOR	RD1/4MUF4R7J
R	8501 (A,107,90)		RS1/16S104J
R	8502 (A,107,89)		RS1/16S104J
R	8503 (A,73,31)		RS1/16S104J
R	8504 (A,41,58)	CARBON FILM RESISTOR	RD1/4MUF1R8J
R	8507 (A,29,104)		RS1/16S101J
R	8508 (A,28,108)		RS1/16S103J
R	8509 (A,33,100)		RS1/16S272J
R	8510 (A,34,81)		RS1/16S101J
R	8511 (A,36,84)		RS1/16S103J
R	8512 (A,37,81)		RS1/16S272J
R	8513 (A,35,69)		RS1/16S101J
R	8514 (A,37,68)		RS1/16S103J
R	8515 (A,29,60)		RS1/16S272J
R	8516 (A,37,53)		RS1/16S101J
R	8517 (A,39,52)		RS1/16S103J
R	8518 (A,39,48)		RS1/16S272J
R	8526 (A,140,109)		RS1/16S224J
R	8527 (A,137,106)		RS1/16S104J
R	8528 (A,151,104)		RS1/16S104J
R	8529 (A,148,109)		RS1/16S104J
R	8530 (A,125,102)		RS1/16S473J
R	8531 (A,123,102)		RS1/16S473J
R	8532 (A,120,103)		RS1/16S473J
R	8533 (A,118,103)		RS1/16S473J
R	8534 (A,107,95)		RS1/16S473J
R	8571 (A,48,61)		RS1/16S822J
R	8572 (A,51,59)		RS1/16S822J
R	8573 (A,51,61)		RS1/16S104J
R	8574 (A,45,61)		RS1/16S104J
R	8575 (A,43,75)		RS1/16S1102F
R	8576 (A,43,79)		RS1/16S1502F
R	8577 (A,51,69)		RS1/16S103J
R	8578 (A,44,75)		RS1/16S103J
R	8579 (A,46,75)		RS1/16S472J
R	8581 (A,111,60)		RS1/16S331J
R	8582 (A,110,57)		RS1/16S331J
R	8583 (A,109,60)		RS1/16S331J
R	8584 (A,108,57)		RS1/16S331J
R	8585 (A,107,60)		RS1/16S331J
R	8586 (A,106,57)		RS1/16S331J
R	8587 (A,105,60)		RS1/16S331J
R	8588 (A,104,57)		RS1/16S331J
R	8589 (A,106,30)	RESISTOR ARRAY	RAB4C104J
R	8590 (A,102,30)	RESISTOR ARRAY	RAB4C104J

CAPACITORS

Mark	No.	Description	Part No.
C	4751 (A,153,50)	FILM CAPACITOR	CQMBA104J50
C	4753 (A,155,66)	ELECT. CAPACITOR	CEAT472M16
C	4754 (B,138,74)		CKSRYB103K50
C	4755 (A,151,85)		CEAT101M16
C	4756 (B,146,82)		CKSRYB103K50
C	8501 (A,112,94)		CKSRYB104K16
C	8502 (A,88,92)		CKSRYB104K16
C	8503 (B,65,41)		CKSRYB103K50
C	8504 (A,53,40)		CEAT101M16
C	8505 (B,57,38)		CKSRYB103K50
C	8507 (B,22,94)		CKSRYB103K50
C	8508 (B,29,78)		CKSRYB103K50
C	8509 (B,29,68)		CKSRYB103K50
C	8510 (B,29,59)		CKSRYB103K50
C	8511 (B,31,30)		CKSRYB103K50
C	8512 (B,29,30)		CKSRYB471K50
C	8513 (B,28,34)		CKSRYB103K50
C	8514 (B,28,36)		CKSRYB471K50
C	8516 (A,27,42)		CCSRCH221J50
C	8517 (A,27,37)		CCSRCH221J50
C	8518 (A,70,42)		CEAT100M50
C	8524 (A,145,101)		CKSRYB104K16
C	8530 (A,113,51)		CKSRYB104K16
C	8573 (A,43,70)		CKSRYB103K50

AE HDMI ASSY

SEMICONDUCTORS

Mark	No.	Description	Part No.
⚠ IC	11		NJM2885DL1-25
⚠ IC	12		NJM2846DL3-18
⚠ IC	13,53,54		TPS54350PWP
⚠ IC	14,15		NJM2872BF05
⚠ IC	16		S-1112B15MC-L6A
⚠ IC	17		NJM2885DL1-05
⚠ IC	18,252		S-1112B33MC-L6S
⚠ IC	51		S-1170B26UC-OTL
⚠ IC	52		S-1200B25-M5
⚠ IC	55		PQ070XH01Z

Mark	No.	Description	Part No.
⚠	IC	56	NJM2846DL3-33
⚠	IC	57	NJM2845DL1-33
	IC	101,103,106,151	BR24L02FV-W
	IC	102,105,107,152	TC7MB3257FK
	IC	104,154	SII9185ACTU
	IC	153,156	BR24L02FV-W
	IC	155,157	TC7MB3257FK
	IC	201	SII9135CTU
	IC	202	ICS571MLF
	IC	203	TC7WH74FU
	IC	204,205,208	TC7WH157FU
	IC	209,605,606	TC74LCX541FTS1
	IC	301	K4H561638H-UCB3
⚠	IC	302,501	LP2995M
	IC	303	ADV7802BSTZ-150
	IC	304,711,713	MM1117XF
	IC	305	TC7PAU04FU
	IC	307-311,601-604	TC74VCX541FT
	IC	401,1207	TC74LCX157FTS1
	IC	421,461	SII9134CTU
	IC	502	88DE2710
	IC	503,504	K4H561638H-UCCC
	IC	607	ADV7340BSTZ
	IC	609-611,614-617	TC74VCX541FT
	IC	612	ADR512ARTZ
	IC	613	SM5309AV
	IC	701-703,1201,1202	TC74LCX541FTS1
	IC	704	AYW7189
	IC	705	MB90092E1
	IC	706	LC822973
	IC	707	TC74VHCU04FT
	IC	708	TC7WHU04FU
	IC	709,802,1214	TC7WH125FU
	IC	710	AYW7188
	IC	712	MM1108XFS1
	IC	714	MM1504XN
	IC	716,902	ADV7180BSTZ
	IC	717	PDC166A
	IC	803,1007	TC74VHC125FTS1
	IC	804	PEG279B8
	IC	805	TC74VHCT541AFTS1
	IC	806	TC74HC4053AFT
	IC	807,808	BU4094BCFV
	IC	901	ADV7172KSTZ
	IC	1001	TC7SH08FUS1
	IC	1002	TSB43CA42ZGW
	IC	1003	K4S641632K-UC75
	IC	1004	AYW7113
	IC	1005	NJU7093AF
	IC	1006	PD5787A
	IC	1008	PD8112A
	IC	1009	PST9245
	IC	1010	TC7WH126FU
	IC	1204	TC74VHC04FTS1
	IC	1205	TC74VHC32FTS1
	IC	1206	SM5819AF
	IC	1208-1213	TC74LCX541FTS1
⚠	Q	11,51,52	RTQ045N03
	Q	12,53,706	DTC124EUA
	Q	13,201,1001,1002	DTA124EUA
	Q	14,55,57,58	2SC4081
	Q	54,101-106	DTC114YUA
	Q	56,803	RN4903
	Q	107	HN1K02FU
	Q	151-156,422,462	DTC114YUA
	Q	251	2SK2034
	Q	421,461	UMB1N
	Q	601-603,701,702	2SA1576A
	Q	703,704	2SC4081
	Q	705,901-904	2SA1576A
	Q	801	2SB1689
	Q	802	DTC114YUA
	Q	1202	DTC143EUA
⚠	D	11	1SR154-400
⚠	D	12	UDZS3R6(B)
⚠	D	54,55	UDZS2R4(B)
	D	56	RB551V-30
	D	101-103,151-153	DAN202U
	D	251	RB751V-40
	D	421,461	UDZS5R1(B)
	D	701	1SS352
	D	702,703,1001	RB501V-40
	TH	201,501	CCX1055

MISCELLANEOUS

	L	11,15 POWER INDUCTOR	ATH7050
	L	12-14,101-103 CHIP BEADS	ATL7010
	L	51-54 POWER INDUCTOR	ATH7050
	L	151-153,201-203 CHIP BEADS	ATL7010
	L	204,205 CHIP SOLID INDUCTOR	QTL1013
	L	206,301-303,313 CHIP BEADS	ATL7010
	L	207-210 CHIP SOLID INDUCTOR	QTL1013
	L	213,214 CHIP SOLID INDUCTOR	QTL1013
	L	304-306 CHIP SOLID INDUCTOR	QTL1013
	L	315,401 CHIP SOLID INDUCTOR	QTL1013
	L	316,421-425 CHIP BEADS	ATL7010
	L	426-429,466-469 COIL	ATH7022
	L	461-465,502-506 CHIP BEADS	ATL7010
	L	501 CHIP SOLID INDUCTOR	QTL1013
	L	507-509 CHIP SOLID INDUCTOR	QTL1013
	L	601,603 CHIP SOLID INDUCTOR	QTL1013
	L	602,604,701,703 CHIP BEADS	ATL7010
	L	608-610,708 INDUCTOR	ATL7015
	L	611,702 CHIP SOLID INDUCTOR	QTL1013
	L	704 INDUCTOR	LCTC6R8K1608
	L	705,711-714,716 CHIP BEADS	ATL7010
	L	706,707 CHIP SOLID INDUCTOR	QTL1013
	L	709,710 CHIP SOLID INDUCTOR	QTL1013
	L	715,802 CHIP SOLID INDUCTOR	QTL1013
	L	801,901-904,909 CHIP BEADS	ATL7010
	L	905-908 INDUCTOR	ATL7015
	L	910,1001,1008,1009 CHIP BEADS	ATL7010
	L	1002-1005 COIL	ATH7015
	L	1006,1007 CHIP SOLID INDUCTOR	QTL1013
	L	1010,1011 CHIP SOLID INDUCTOR	QTL1013
	L	1203 CHIP SOLID INDUCTOR	QTL1013
	L	1204 CHIP BEADS	ATL7010
	JA	101-103 HDMI CONNECTOR	AKP1318
	JA	151-153 HDMI CONNECTOR	AKP1318

Mark	No.	Description	Part No.
JA	421,461	HDMI CONNECTOR	AKP7220
JA	1001,1002	1394-TERMINAL	VKN1800
KN	11	EARTH METAL FITTING	VNF1109
X	201	CRYSTAL	ASS1192
X	301	CRYSTAL OSCILLATOR	ASS7073
X	501	CRYSTAL RESONATOR	VSS1223
X	701	CRYSTAL RESONATOR	ASS7066
X	702	CERAMIC RESONATOR (12 MHz)	VSS1216
X	703	RESONATOR	CSS1737
X	704	RESONATOR	CSS1750
X	801	CERAMIC RESONATOR	XSS3004
X	1001	CERAMIC RESONATOR	VSS1179
X	1002	CRYSTAL OSCILLATOR	ASS7071
X	1003	CRYSTAL OSCILLATOR	ASS7072
CN	11	CONNECTOR	B5P-VH
CN	251	8P CONNECTOR	VKN1412
CN	601	24P CONNECTOR	VKN1428
CN	602	26P CONNECTOR	VKN1430
CN	603	30P CONNECTOR	VKN1434
CN	701	6P CONNECTOR	VKN1410
CN	801	CONNECTOR	AKM1274
CN	804	18P CONNECTOR	VKN1422
CN	805	CONNECTOR	AKM1288
CN	1001	07P CONNECTOR	RKN1048
CN	1201	CONNECTOR	CKS3570
CN	1202	CONNECTOR	CKS3567
NSP	0	ID LABEL ASSY	AXW7018

RESISTORS

Mark	No.	Part No.
R	11,51,52	RS1/8S0R0J
R	12,53,54	RS1/8S4R7J
R	13,55,56	RS1/16S1002F
R	14,57,58,265	RS1/16S101J
R	15	RS1/16S3601F
R	20	RS1/16S121J
R	21,63,64	RS1/16S152J
R	22,69	RS1/16S114J
R	23	RS1/16S332J
R	24,73	RS1/16S102J
R	25,70,71	RS1/16S202J
R	26,28,30	RS1/16S0R0J
R	31	RS1/16S222J
R	32-35,40,41	RS1/16S0R0J
R	59	RS1/16S8201F
R	60	RS1/16S2402F
R	61	RS1/16S1501F
R	62	RS1/16S4701F
R	65,66	RS1/16S3301F
R	67	RS1/16S1001F
R	72,80,82	RS1/16S0R0J
R	84-86,237,264	RS1/16S0R0J
R	141,142,191,192	RS1/16SS1501F
R	202,216	RAB4CQ100J
R	207,301-304,336	RAB4CQ473J
R	208,608-614	RAB4CQ680J
R	221,223,229-235	RAB4CQ220J
R	236,595	RS1/16SS4701F
R	271,570,574,577	RAB4CQ470J
R	308,309,311-313	RAB4CQ330J
R	319-321,337,339	RAB4CQ220J
R	330,331,517-519	RAB4CQ330J
R	340,343,347,421	RAB4CQ473J
R	341,342,344	RAB4CQ220J
R	348-350,404-412	RAB4CQ220J
R	424,425,427-431	RAB4CQ473J
R	436,440,638-644	RAB4CQ473J
R	439,469	RS1/16SS6800F
R	525-527,531,540	RAB4CQ330J
R	544,546-548,551	RAB4CQ330J
R	552,561,562	RAB4CQ330J
R	582,583,922,925	RAB4CQ470J
R	599-603,685-689	RAB4CQ220J
R	648,649	RS1/16SS3901F
R	652,653,937,941	RS1/16SS2200F
R	655,656,671	RS1/16SS3000F
R	657-661	RAB4CQ680J
R	672-674	RS1/16SS3900F
R	675,789-792,810	RS1/16S0R0J
R	676	RS1/16SS1801F
R	677-679	RS1/16SS1501F
R	702-705,6011-6015	RAB4CQ473J
R	716,720	RS1/16SS75R0F
R	747	RS1/16SS1003F
R	748,753	RAB4CQ560J
R	767,842,868,870	RAB4CQ101J
R	771-775	RAB4CQ820J
R	802-804,1247-1249	RAB4CQ0R0J
R	809,898	RS1/10S911J
R	871,874,879,893	RAB4CQ101J
R	915-918	RS1/16SS1201F
R	926,928,932,933	RS1/16SS4700F
R	929,931,936,938	RS1/10S0R0J
R	949,950	RS1/16SS2200F
R	1001-1004,1037,1041	RAB4CQ101J
R	1009,1010,1013,1014	RS1/16SS56R0D
R	1011,1015	RS1/16SS5101F
R	1017,1020-1022	RS1/16SS56R0D
R	1018,1023,1024,1026	RAB4CQ472J
R	1029-1031,1033,1040	RAB4CQ472J
R	1042,1043,1048,1049	RS1/16S0R0J
R	1050	RS1/16SS6341D
R	1053,1071,1074,1077	RAB4CQ472J
R	1060,1082,1083,1085	RAB4CQ101J
R	1062,1063,1068,1069	RS1/16S0R0J
R	1081	RAB4CQ472J
R	1086,1089,1099,1108	RAB4CQ470J
R	1087,1097,1207-1210	RAB4CQ101J
R	1109	RAB4CQ103J
R	1126,1127,1135-1137	RAB4CQ470J
R	1221	RAB4CQ470J
R	1224-1227,1242-1245	RAB4CQ910J
R	6003	RAB4CQ101J
R	6008-6010	RS1/10S0R0J
Other Resistors		RS1/16SS###J

CAPACITORS

Mark	No.	Part No.
C	11,12,42,59	CKSQYB475K6R3
C	13,51,52	CCG1230

Mark	No.	Description	Part No.
C	14,54,55		CKSQYB332K50
C	15,21,56,57		CKSRYB153K50
C	16,17,19,22		CKSRYB105K10
C	18,24-26,38		CKSRYB104K16
C	20,37,47,48		CKSRYB102K50
C	23,28,29,43		CKSRYB105K10
C	27,78,79		CCG1233
C	30,32		CCG1236
C	31,33,46,64		CEVW101M16
C	34,53,80,117		CKSQYB106K6R3
C	39,44,60,62		CKSRYB104K16
C	40,89,90,574		CKSQYB102K50
C	41,91,92,101		CKSSYB104K10
C	49,50,58,61		CKSRYB105K10
C	63,65,73,76		CKSRYB105K10
C	66,74,75,84		CKSRYB104K16
C	67,68,83,85		CKSRYB102K50
C	69,70		CKSRYB153K50
C	71,72		CKSQYB225K10
C	77,81,82,252		CKSRYB105K10
C	86-88		CKSRYB104K16
C	102,116,152,166		BCG1059
C	103-115,119-123		CKSSYB104K10
C	118,168,228,241		CKSSYB103K16
C	151,153-165		CKSSYB104K10
C	167,201,203,374		CKSQYB106K6R3
C	169-173,204-210		CKSSYB104K10
C	202,211,213,225		CKSSYB105K6R3
C	212,232,421,431		BCG1059
C	215,216,219,220		CKSSYB104K10
C	218,250,257		CKSSYB102K50
C	221,239,761		CCSSCH120J50
C	222,223,227,229		CKSSYB104K10
C	224,743,744,747		CCSSCH100D50
C	226,230,231,313		CKSSYB105K6R3
C	233-238,243-245		CKSSYB104K10
C	240		CEVW4R7M35
C	242,359,363,371		CKSSYB103K16
C	248,249,259		CKSSYB104K10
C	253		CKSRYB105K10
C	256,321,502,764		CEVW470M6R3
C	262-273,301,350		CKSSYB102K50
C	302-307,311,312		CKSSYB104K10
C	308,503,516,543		ACH7276
C	309,310,357,402		CEVW101M16
C	314-318,320,322		CKSSYB104K10
C	319,324,325,333		CKSSYB105K6R3
C	323,326,327		CKSSYB104K10
C	329-332,354-356		CKSSYB104K10
C	336,341,346		CCSSCH470J50
C	349,358,401		CKSSYB105K6R3
C	351-353,636,742		CCSSCH101J50
C	368,370,375-381		CKSSYB104K10
C	369,784,931		CKSSYB823K10
C	372		CKSRYB824K10
C	373		CKSSYB393K10
C	382,449-457		CKSSYB102K50
C	383,384,430,470		CKSSYB103K16
C	385-392,396-399		CKSSYB104K10
C	393,394,433-435		CKSQYB106K6R3
C	395,400,601,618		CEVW100M16
C	403,425-427,432		CKSSYB104K10
C	422-424,428,429		CKSSYB105K6R3
C	436,438,462-464		CKSSYB105K6R3
C	437,439,440		CKSSYB104K10
C	441-448,481-488		VCG1066
C	461,471		BCG1059
C	465-467,472,477		CKSSYB104K10
C	468,469,476,478		CKSSYB105K6R3
C	473-475,627-629		CKSQYB106K6R3
C	479,480,504-515		CKSSYB104K10
C	489-497,749,786		CKSSYB102K50
C	501,712,729,750		CKSSYB105K6R3
C	517-542,544,547		CKSSYB104K10
C	545,1003,1076,1216		ACH7276
C	546,666,667,704		CKSSYB103K16
C	548,550-573,575		CKSSYB104K10
C	549,617,625,633		CEVW101M16
C	576,578		CKSQYB102K50
C	577,579,580		CKSSYB104K10
C	581,582		CCSSCH9R0D50
C	602-610,613-616		CKSSYB104K10
C	611,620		CKSRYB154K10
C	612,619		CKSSYB123K16
C	622-624,626,634		CKSSYB104K10
C	635,637,638		CKSSYB104K10
C	639-644		CCSSCH150J50
C	645-647,650-655		CKSSYB104K10
C	648,649,1046		CKSQYB106K6R3
C	657,701-703,706		CKSSYB104K10
C	669-671		CCSSCH680J50
C	705,718,737,752		CEVW101M16
C	710,711,713,714		CKSSYB104K10
C	716,719,723		CKSSYB104K10
C	717,721		CCSSCH180J50
C	720,724,753,783		CKSSYB103K16
C	725-728,731,732		CKSSYB104K10
C	734,740,741,748		CKSSYB104K10
C	738,739		CEVW100M16
C	745,958-963		CCSSCH101J50
C	746		CCSSCH6R0D50
C	751,755,756,760		CKSSYB104K10
C	754		CKSQYB335K6R3
C	757-759,765,766		CKSSYB105K6R3
C	762,763,767-769		CKSSYB104K10
C	770		CCSRCH561J50
C	771		CKSSYB392K50
C	772		CKSSYB561K50
C	773,787,795,938		CKSSYB105K6R3
C	774,777-781,788		CKSSYB104K10
C	775,776,782,790		CEVW101M16
C	785,794,806,905		CKSSYB103K16
C	789,791-793,799		CKSSYB104K10
C	796		CCSSCH7R0D50
C	797,798,801,802		CKSSYB102K50
C	804,805,807		CKSSYB104K10
C	808,901,909,910		CEVW101M16
C	809-811,814-817		CKSSYB104K10

Mark	No.	Description	Part No.
C	902-904,906-908		CKSSYB104K10
C	911-916,921,922		CKSSYB104K10
C	917,940,1038,1067		CEVW101M16
C	920,923,929,930		CCSSCH390J50
C	924,927,934,935		CCSSCH820J50
C	928,933,952,953		CKSSYB103K16
C	932,937,939,941		CKSSYB104K10
C	936,1004,1018,1019		CKSSYB102K50
C	942,949-951,1001		CKSSYB104K10
C	943-948,1012,1013		CKSSYB105K6R3
C	1002,1005-1009		CKSSYB104K10
C	1010,1011		CCSSCH221J50
C	1014-1017,1020,1021		CKSSYB104K10
C	1022,1027,1061,1064		CKSSYB102K50
C	1023-1026,1028-1032		CKSSYB104K10
C	1033,1048		CEVW470M6R3
C	1034-1037,1040-1042		CKSSYB104K10
C	1039,1055,1062,1070		CKSSYB103K16
C	1043,1049,1060,1065		CKSSYB105K6R3
C	1044		CKSRYB474K10
C	1045,1050-1054		CKSSYB104K10
C	1047		CKSSYB472K25
C	1056-1059,1063,1068		CKSSYB104K10
C	1066,1075		CKSSYB102K50
C	1069,1071-1074,1077		CKSSYB104K10
C	1205-1207,1215		CKSSYB104K10
C	1214		CKSSYB103K16
C	1217-1226,1228-1232		CKSSYB104K10
C	1227		ACH7276

AF DISPLAY ASSY

MISCELLANEOUS

Mark	No.	Description	Part No.
IC	5001 (A,136,168)	PORT EXPANDER	BU4094BCF
IC	5002 (A,136,156)	PORT EXPANDER	BU4094BCF
IC	5003 (A,116,156)	PORT EXPANDER	BU4094BCF
IC	5004 (A,31,216)	REMOTE RECEIVER UNIT	RPM7540-H4
Q	5001 (B,43,195)	TRANSISTOR	RT1N241M
Q	5002 (B,45,172)	TRANSISTOR	RT1N241M
Q	5003 (B,176,182)	TRANSISTOR	RT1N241M
Q	5005 (B,174,159)	TRANSISTOR	RT1N241M
Q	5006 (B,38,187)	TRANSISTOR(SC-70)	2SA1602A
Q	5007 (B,40,170)	TRANSISTOR(SC-70)	2SA1602A
Q	5008 (B,183,165)	TRANSISTOR(SC-70)	2SA1602A
Q	5009 (B,185,187)	TRANSISTOR(SC-70)	2SA1602A
Q	5011 (B,34,197)	TRANSISTOR	2SC4154
Q	5012 (B,34,176)	TRANSISTOR	2SC4154
Q	5013 (B,180,165)	TRANSISTOR	2SC4154
Q	5014 (B,176,193)	TRANSISTOR	2SC4154
Q	5021 (B,59,211)	TRANSISTOR	RT1N241M
Q	5022 (B,59,203)	TRANSISTOR	RT1N241M
Q	5023 (B,59,197)	TRANSISTOR	RT1N241M
Q	5024 (B,56,209)	TRANSISTOR	2SC4154
Q	5025 (A,58,204)	TRANSISTOR	RT1N241M
Q	5026 (A,58,198)	TRANSISTOR	RT1N241M
Q	5027 (A,58,194)	TRANSISTOR	RT1N241M
Q	5028 (A,58,211)	TRANSISTOR	2SC4154
Q	5029 (A,48,215)	TRANSISTOR(SC-70)	2SA1602A
Q	5030 (A,49,227)	TRANSISTOR	RT1N241M

Mark	No.	Description	Part No.
D	5001 (A,31,194)	LED(RED)	SLR-343VC(NP)
D	5002 (A,31,172)	LED(RED)	SLR-343VC(NP)
D	5003 (A,181,172)	LED(RED)	SLR-343VC(NP)
D	5004 (A,181,194)	LED(BLUE)	SLR343BC4T(JKLM)
D	5011 (B,49,214)	DIODE	1SS352
D	5012 (B,39,212)	DIODE	MC2848-11
D	5013 (B,48,203)	DIODE	1SS352
D	5014 (B,48,197)	DIODE	1SS352
D	5021 (B,62,220)	DIODE	MC2848-11
D	5022 (A,55,216)	DIODE	1SS352
D	5023 (A,52,216)	DIODE	1SS352
D	5024 (B,56,214)	DIODE	1SS352
J	5005	JUMPER WIRE	D20PYY0820E
CN	5001 (A,185,232)	28P CONNECTOR	RKN1069
CN	5002 (A,14,194)	26P CONNECTOR	RKN1067
CN	5003 (A,14,164)	26P CONNECTOR	RKN1067
CN	5004 (A,195,160)	7P CONNECTOR	52044-0745
CN	5006 (A,195,177)	CONNECTOR	52044-0345
CN	5007 (A,26,229)	CONNECTOR	52044-0345
CN	5008 (A,100,154)	CONNECTOR	CKS3369
	5005 (A,15,229)	8P CABLE HOLDER	51048-0800
	5021 (A,198,224)	PCB BINDER	VEF1040

RESISTORS

R	5000 (B,140,155)		RS1/16S101J
R	5001 (B,39,199)		RS1/16S821J
R	5002 (B,37,199)		RS1/16S821J
R	5003 (B,38,177)		RS1/16S821J
R	5004 (B,40,177)		RS1/16S821J
R	5005 (B,175,164)		RS1/16S821J
R	5006 (B,177,164)		RS1/16S821J
R	5007 (B,179,187)		RS1/16S821J
R	5011 (B,62,215)		RS1/16S392J
R	5012 (B,62,210)		RS1/16S471J
R	5013 (B,62,203)		RS1/16S151J
R	5014 (B,62,197)		RS1/16S392J
R	5015 (B,60,215)		RS1/16S682J
R	5016 (B,55,203)		RS1/16S102J
R	5017 (A,39,213)		RS1/16S0R0J
R	5018 (B,26,220)		RS1/16S0R0J
R	5019 (B,30,202)		RS1/16S101J
R	5020 (A,39,182)		RAB4C101J
R	5021 (A,30,182)		RAB4C101J
R	5022 (A,39,187)		RAB4C101J
R	5023 (A,39,193)		RAB4C101J
R	5024 (A,29,202)		RAB4C101J
R	5025 (B,192,215)		RS1/16S101J
R	5026 (B,190,215)		RS1/16S101J
R	5027 (A,174,208)		RAB4C101J
R	5028 (A,172,213)		RAB4C101J
R	5029 (A,179,225)		RAB4C101J
R	5030 (A,176,222)		RS1/16S101J
R	5031 (A,39,176)		RAB4C101J
R	5032 (A,39,171)		RAB4C101J
R	5033 (A,39,167)		RAB4C101J
R	5034 (A,146,170)		RAB4C473J
R	5035 (A,145,164)		RAB4C473J
R	5036 (A,147,159)		RAB4C473J
R	5037 (A,151,153)		RAB4C473J

Mark	No.	Description	Part No.
R	5038 (A,127,158)		RAB4C473J
R	5039 (A,127,154)		RAB4C473J
R	5040 (B,169,220)		RS1/16S0R0J
R	5048 (A,191,220)		RS1/16S0R0J
R	5049 (A,188,221)		RS1/16S0R0J
R	5051 (B,41,188)		RS1/16S333J
R	5052 (B,43,170)		RS1/16S333J
R	5053 (A,181,161)		RS1/16S333J
R	5054 (A,181,183)		RS1/16S333J
R	5056 (B,43,188)		RS1/16S272J
R	5057 (B,45,166)		RS1/16S272J
R	5058 (A,179,161)		RS1/16S272J
R	5059 (A,179,183)		RS1/16S272J
R	5061 (B,55,190)		RS1/16S331J
R	5062 (B,60,168)		RS1/16S331J
R	5063 (B,164,164)		RS1/16S331J
R	5064 (B,166,187)		RS1/16S331J
R	5066 (A,55,211)		RS1/16S222J
R	5067 (A,54,205)		RS1/16S152J
R	5068 (A,54,201)		RS1/16S152J
R	5069 (A,54,198)		RS1/16S682J
R	5070 (A,56,208)		RS1/16S102J
R	5088 (A,46,215)		RS1/16S103J
R	5089 (A,50,224)		RS1/16S331J
R	5090 (A,187,205)		RS1/16S0R0J
R	5091 (A,185,205)		RS1/16S0R0J
R	5092 (A,188,205)		RS1/16S0R0J
R	5093 (A,189,196)		RS1/16S0R0J
R	5094 (A,189,192)		RS1/16S0R0J
R	5095 (A,189,188)		RS1/16S0R0J
R	5096 (A,196,220)		RS1/16S0R0J

CAPACITORS

C	5001 (B,35,193)		CCSRCH471J50
C	5002 (B,35,171)		CCSRCH471J50
C	5003 (B,185,171)		CCSRCH471J50
C	5004 (B,185,193)		CCSRCH471J50
C	5006 (B,33,202)		CKSRYB103K25
C	5007 (A,39,206)		CEJQ101M6R3
C	5008 (A,31,224)		CEJQ101M6R3
C	5009 (A,65,226)		CEAL101M16
C	5012 (A,130,170)		CKSRYB103K25
C	5013 (A,130,159)		CKSRYB103K25
C	5014 (A,109,157)		CKSRYB103K25
C	5021 (B,166,222)		CKSRYB105K16

AG ICEBLUE ASSY

MISCELLANEOUS

Q	5072 (B,94,226)	TRANSISTOR	RT1N241M
Q	5073 (B,112,226)	TRANSISTOR	RT1N241M
Q	5074 (B,124,225)	TRANSISTOR	RT1N241M
Q	5077 (B,96,224)	TRANSISTOR(SC-70)	2SA1602A
Q	5078 (B,115,226)	TRANSISTOR(SC-70)	2SA1602A
Q	5079 (B,127,226)	TRANSISTOR(SC-70)	2SA1602A
Q	5082 (B,100,231)	TRANSISTOR(SC-70)	2SA1602A
Q	5083 (B,122,231)	TRANSISTOR(SC-70)	2SA1602A
Q	5084 (B,132,231)	TRANSISTOR(SC-70)	2SA1602A
D	5072 (A,103,230)	LED	SMLE12BC7T(NP)
D	5073 (A,113,230)	LED(WHITE)	SMLE12WBC7W(Z)
D	5074 (A,123,230)	LED	SMLE12BC7T(NP)
CN	5071 (A,103,222)	CONNECTOR	52044-0445

RESISTORS

R	5072 (B,99,226)		RS1/4SA331J
R	5073 (B,121,227)		RS1/4SA271J
R	5074 (B,131,227)		RS1/4SA331J
R	5077 (B,97,230)		RS1/16S333J
R	5078 (B,118,230)		RS1/16S333J
R	5079 (B,128,230)		RS1/16S333J
R	5082 (B,95,230)		RS1/16S272J
R	5083 (B,116,230)		RS1/16S272J
R	5084 (B,126,230)		RS1/16S272J

CAPACITORS

C	5072 (A,107,230)		CCSRCH471J50
C	5073 (A,115,230)		CCSRCH471J50
C	5074 (A,125,230)		CCSRCH471J50

AH PERCH FFC ASSY

MISCELLANEOUS

CN	5091 (A,225,80)	26P CONNECTOR	VKN1430
CN	5092 (A,226,66)	12P CONNECTOR	VKN1416
CN	5093 (A,239,66)	14P CONNECTOR	VKN1418
	5094 (A,192,88)	PCB BINDER	VEF1040
	5095 (A,191,56)	PCB BINDER	VEF1040

AI PERCH DISP ASSY

MISCELLANEOUS

CN	5082 (A,97,208)	CONNECTOR(08P)	TUC-P08X-B1
	5081 (A,107,206)	8P CABLE HOLDER	51048-0800

AJ PERCH PS ASSY

MISCELLANEOUS

F	6501 (A,132,207)	COMMON MODE COIL	ATF7043
CN	6501 (A,125,201)	PLUG(7P)	KM200NA7
CN	6502 (A,143,203)	CONNECTOR(08P)	TUC-P08P-B1

CAPACITORS

C	6501 (A,140,211)		CEAT101M16

AK 5.1 TFT MODULE

5.1 TFT MODULE has no service part.

AL TACT ASSY

MISCELLANEOUS

Q	5101 (B,86,171)	TRANSISTOR	RT1N241M
Q	5102 (B,101,171)	TRANSISTOR	RT1N241M
Q	5103 (B,115,171)	TRANSISTOR	RT1N241M
Q	5104 (B,129,171)	TRANSISTOR	RT1N241M

Mark	No.	Description	Part No.
Q	5105 (B,144,171)	TRANSISTOR	RT1N241M
Q	5106 (B,158,169)	TRANSISTOR	RT1N241M
Q	5107 (B,173,171)	TRANSISTOR	RT1N241M
Q	5108 (B,189,171)	TRANSISTOR	RT1N241M
Q	5109 (B,202,171)	TRANSISTOR	RT1N241M
Q	5110 (B,214,171)	TRANSISTOR	RT1N241M
Q	5111 (B,86,176)	TRANSISTOR(SC-70)	2SA1602A
Q	5112 (B,98,171)	TRANSISTOR(SC-70)	2SA1602A
Q	5113 (B,115,176)	TRANSISTOR(SC-70)	2SA1602A
Q	5114 (B,126,171)	TRANSISTOR(SC-70)	2SA1602A
Q	5115 (B,144,176)	TRANSISTOR(SC-70)	2SA1602A
Q	5116 (B,158,175)	TRANSISTOR(SC-70)	2SA1602A
Q	5117 (B,173,176)	TRANSISTOR(SC-70)	2SA1602A
Q	5118 (B,186,171)	TRANSISTOR(SC-70)	2SA1602A
Q	5119 (B,202,176)	TRANSISTOR(SC-70)	2SA1602A
Q	5120 (B,214,176)	TRANSISTOR(SC-70)	2SA1602A
Q	5121 (B,82,176)	TRANSISTOR(SC-70)	2SA1602A
Q	5122 (B,95,176)	TRANSISTOR(SC-70)	2SA1602A
Q	5123 (B,111,176)	TRANSISTOR(SC-70)	2SA1602A
Q	5124 (B,123,176)	TRANSISTOR(SC-70)	2SA1602A
Q	5125 (B,140,176)	TRANSISTOR(SC-70)	2SA1602A
Q	5126 (B,154,176)	TRANSISTOR(SC-70)	2SA1602A
Q	5127 (B,169,176)	TRANSISTOR(SC-70)	2SA1602A
Q	5128 (B,183,176)	TRANSISTOR(SC-70)	2SA1602A
Q	5129 (B,198,176)	TRANSISTOR(SC-70)	2SA1602A
Q	5130 (B,210,176)	TRANSISTOR(SC-70)	2SA1602A
D	5101 (A,84,175)	LED	SMLE12BC7T(NP)
D	5102 (A,98,175)	LED	SMLE12BC7T(NP)
D	5103 (A,113,175)	LED	SMLE12BC7T(NP)
D	5104 (A,127,175)	LED	SMLE12BC7T(NP)
D	5105 (A,142,175)	LED	SMLE12BC7T(NP)
D	5106 (A,156,175)	LED	SMLE12BC7T(NP)
D	5107 (A,171,175)	LED	SMLE12BC7T(NP)
D	5108 (A,185,175)	LED	SMLE12BC7T(NP)
D	5109 (A,200,175)	LED	SMLE12BC7T(NP)
D	5110 (A,214,175)	LED	SMLE12BC7T(NP)
S	5121 (A,51,152)	SWITCH	VSG1024
S	5122 (A,38,152)	SWITCH	VSG1024
S	5123 (A,38,133)	SWITCH	VSG1024
S	5124 (A,51,133)	SWITCH	VSG1024
S	5125 (A,132,157)	SWITCH	VSG1024
S	5126 (A,161,157)	SWITCH	VSG1024
S	5127 (A,132,127)	SWITCH	VSG1024
S	5128 (A,161,127)	SWITCH	VSG1024
S	5131 (A,64,152)	SWITCH	VSG1024
S	5132 (A,147,155)	SWITCH	VSG1024
S	5133 (A,133,142)	SWITCH	VSG1024
S	5134 (A,147,128)	SWITCH	VSG1024
S	5135 (A,160,142)	SWITCH	VSG1024
S	5136 (A,186,152)	SWITCH	VSG1024
S	5137 (A,199,152)	SWITCH	VSG1024
S	5138 (A,212,152)	SWITCH	VSG1024
S	5142 (A,147,142)	SWITCH	VSG1024
S	5143 (A,90,152)	SWITCH	VSG1024
S	5144 (A,103,152)	SWITCH	VSG1024
CN	5101 (A,32,151)	26P CONNECTOR	RKN1067
CN	5102 (A,29,178)	CONNECTOR	52044-0445

Mark	No.	Description	Part No.
RESISTORS			
R	5101 (B,81,172)		RS1/4SA331J
R	5102 (B,95,172)		RS1/4SA331J
R	5103 (B,110,172)		RS1/4SA331J
R	5104 (B,123,172)		RS1/4SA331J
R	5105 (B,139,172)		RS1/4SA331J
R	5106 (B,154,172)		RS1/4SA331J
R	5107 (B,169,172)		RS1/4SA331J
R	5108 (B,183,172)		RS1/4SA331J
R	5109 (B,197,172)		RS1/4SA331J
R	5110 (B,209,172)		RS1/4SA331J
R	5121 (B,40,152)		RS1/16S681J
R	5122 (B,40,134)		RS1/16S821J
R	5123 (B,53,134)		RS1/16S122J
R	5124 (B,134,157)		RS1/16S162J
R	5125 (B,164,156)		RS1/16S272J
R	5126 (B,134,132)		RS1/16S512J
R	5127 (B,164,128)		RS1/16S123J
R	5131 (B,149,155)		RS1/16S681J
R	5132 (B,136,143)		RS1/16S821J
R	5133 (B,149,129)		RS1/16S122J
R	5134 (B,162,142)		RS1/16S162J
R	5135 (B,188,153)		RS1/16S272J
R	5136 (B,201,153)		RS1/16S512J
R	5137 (B,214,153)		RS1/16S123J
R	5141 (B,149,143)		RS1/16S681J
R	5142 (B,86,153)		RS1/16S821J
R	5143 (B,105,154)		RS1/16S122J
R	5144 (B,66,134)		RS1/16S162J
R	5145 (B,73,134)		RS1/16S272J
R	5146 (B,79,134)		RS1/16S512J
R	5161 (B,89,176)		RS1/16S333J
R	5162 (B,104,175)		RS1/16S333J
R	5163 (B,118,176)		RS1/16S333J
R	5164 (B,132,175)		RS1/16S333J
R	5165 (B,147,176)		RS1/16S333J
R	5166 (B,163,174)		RS1/16S333J
R	5167 (B,176,176)		RS1/16S333J
R	5168 (B,192,175)		RS1/16S333J
R	5169 (B,205,176)		RS1/16S333J
R	5170 (B,216,176)		RS1/16S333J
R	5171 (B,89,171)		RS1/16S272J
R	5172 (B,104,171)		RS1/16S272J
R	5173 (B,118,171)		RS1/16S272J
R	5174 (B,132,171)		RS1/16S272J
R	5175 (B,147,171)		RS1/16S272J
R	5176 (B,161,174)		RS1/16S272J
R	5177 (B,176,171)		RS1/16S272J
R	5178 (B,192,171)		RS1/16S272J
R	5179 (B,205,171)		RS1/16S272J
R	5180 (B,216,172)		RS1/16S272J
CAPACITORS			
C	5101 (A,85,175)		CCSRCH471J50
C	5102 (A,100,175)		CCSRCH471J50
C	5103 (A,114,175)		CCSRCH471J50
C	5104 (A,129,175)		CCSRCH471J50
C	5105 (A,143,175)		CCSRCH471J50
C	5106 (A,158,175)		CCSRCH471J50

Mark	No.	Description	Part No.
C	5107 (A,172,175)		CCSRCH471J50
C	5108 (A,187,175)		CCSRCH471J50
C	5109 (A,201,175)		CCSRCH471J50
C	5110 (A,216,175)		CCSRCH471J50
C	5121 (B,53,152)		CKSRYB102K50
C	5131 (B,66,153)		CKSRYB102K50
C	5141 (B,79,152)		CKSRYB102K50
C	5151 (A,82,175)		CKSRYB104K16
C	5152 (A,97,175)		CKSRYB104K16
C	5153 (A,111,175)		CKSRYB104K16
C	5154 (A,126,175)		CKSRYB104K16
C	5155 (A,140,175)		CKSRYB104K16
C	5156 (A,155,175)		CKSRYB104K16
C	5157 (A,169,175)		CKSRYB104K16
C	5158 (A,184,175)		CKSRYB104K16
C	5159 (A,198,175)		CKSRYB104K16
C	5160 (A,213,175)		CKSRYB104K16
C	5161 (B,79,167)		CKSRYB104K16
C	5162 (B,108,167)		CKSRYB104K16
C	5163 (B,137,167)		CKSRYB104K16
C	5164 (B,171,165)		CKSRYB104K16
C	5165 (B,195,167)		CKSRYB104K16
C	5166 (B,58,164)		CKSRYB104K16
C	5167 (B,219,164)		CKSRYB104K16
C	5168 (B,32,163)		CKSRYB104K16

AM POWER SW ASSY

MISCELLANEOUS

Q	5191 (B,294,78)	DIGITAL TR(SC-70)	RT1N431M
D	5191 (A,288,77)	LED(BLUE)	SLR343BC4T(JKLM)
S	5191 (A,286,68)	SWITCH	VSG1024
CN	5191 (A,310,94)	CONNECTOR	52044-0445

RESISTORS

R	5191 (B,297,75)		RS1/16S151J

CAPACITORS

C	5191 (B,283,76)		CCSRCH471J50
C	5192 (B,281,76)		CKSRYB104K16
C	5193 (B,305,87)		CKSRYB104K16

AN VOL ENCODER ASSY

MISCELLANEOUS

S	5081	ROTARY ENCODER	ASX7049
CN	5081	CONNECTOR	52044-0345

CAPACITORS

C	5081,5082		CKSRYB103K50

AO FUNC ENCODER ASSY

MISCELLANEOUS

S	5085	ROTARY ENCODER	ASX7050
CN	5085	CONNECTOR	52044-0345

Mark	No.	Description	Part No.

CAPACITORS

C	5085,5086		CKSRYB103K50

AP ICE REG ASSY

SEMICONDUCTORS

⚠ D	4801		S1WB(A)60SD
D	4803,4804,4853,4863		RB501V-40
⚠ D	4805,4806		MTZJ6R2(B)
⚠ D	4851,4852,4861,4862		1SR154-400

MISCELLANEOUS

H	4801-4804	FUSE CLIP	AKR7001
CN	4801	3PIN CONNECTOR	S3B-EH
CN	4802	3PIN CONNECTOR	AKM1363
CN	4851	4PIN CONNECTOR	AKM1364
	4801,4851	5P CABLE HOLDER	51048-0500
	4811,4812	PCB BINDER	VEF1040
JP	4801,4851	5P JUMPER WIRE	D20PYY0505E

RESISTORS

R	4851		RS1/16S0R0J
⚠ R	4801		RD1/4MUF4R7J

CAPACITORS

C	4801		CFTNA105J50
C	4802,4803,4851,4861		CEAT332M16
C	4809,4812		CKSRYB103K50
C	4852,4862		CEAT472M35
C	4866,4867		CEAT221M25

AQ ICE 5 ASSY

SEMICONDUCTORS

⚠ IC	4803		NJM7805FA
⚠ IC	4804		NJM7905FA

MISCELLANEOUS

	4802	5P CABLE HOLDER	51048-0500

CAPACITORS

C	4804,4805		CKSRYB103K50
C	4806,4807		CEAT101M16

AR ICE 12 ASSY

SEMICONDUCTORS

⚠ IC	4851		NJM78M12FA
⚠ IC	4861		NJM79M12FA

MISCELLANEOUS

	4852	5P CABLE HOLDER	51048-0500

Mark	No.	Description	Part No.
CAPACITORS			
	C	4853,4863	CKSQYB474K25
	C	4854,4864	CEAT101M16
	C	4855,4865	CKSRYB104K25

AS DD DSP ASSY

MISCELLANEOUS

⚠	IC	4301 (A,171,46)	REGULATOR IC	LTC1735EGN
⚠	IC	4303 (A,178,56)	POWER MOS FET	RSS065N03
⚠	IC	4304 (A,187,49)	POWER MOS FET	RSS065N03
⚠	IC	4305 (A,156,75)	PROTECTOR(5A)	AEK7046
⚠	IC	4321 (A,243,23)	REGULATOR IC	BD9718G
⚠	IC	4351 (A,234,61)	REGULATOR IC	LT3430EFE
⚠	Q	4321 (A,238,16)	TRANSISTOR	2SD1664
	D	4303 (A,194,49)	CHIP DIODE	RB050L-40
	D	4304 (A,179,47)	DIODE	RB160M-40
	D	4306 (A,170,29)	CHIP ZENER DIODE	RLZ6.2B
	D	4307 (A,214,16)	CHIP ZENER DIODE	RLZ6.2B
	D	4321 (A,234,21)	DIODE	RB551V-30
	D	4352 (A,244,60)	CHIP DIODE	RB050L-40
	D	4353 (A,232,46)	CHIP DIODE	RB050L-40
	L	4301 (A,204,53)	INDUCTOR	ATH7033
	L	4303 (A,160,29)	COMMON MODE COIL	ATF7042
	L	4304 (A,160,23)	COMMON MODE COIL	ATF7042
	L	4321 (A,243,16)	POWER INDUCTOR(10U)	DTL1124
	L	4322 (A,230,17)	POWER INDUCTOR(10U)	DTL1124
	L	4351 (A,236,38)	INDUCTOR	ATH1220
	H	4301 (A,148,60)	FUSE CLIP	AKR7001
	H	4302 (A,148,82)	FUSE CLIP	AKR7001
	H	4351 (A,137,73)	FUSE CLIP	AKR7001
	H	4352 (A,137,94)	FUSE CLIP	AKR7001
	J	4303 (A,215,31)	2P HOUSING ASSY	ADX7592
	KN	4301 (A,143,110)	SCREW PLATE	VNE1948
	KN	4302 (A,183,15)	SCREW PLATE	VNE1948
	KN	4351 (A,245,110)	SCREW PLATE	VNE1948
	CN	4302 (A,144,22)	CONNECTOR	B3P-VH
		4301 (A,139,37)	PCB BINDER	VEF1040

RESISTORS

⚠	R	4301 (A,159,80)	CARBON FILM RESISTOR	RD1/4MUF4R7J
	R	4302 (A,164,47)		RS1/16S222J
	R	4303 (A,165,40)		RS1/16S100J
	R	4304 (A,166,40)		RS1/16S100J
⚠	R	4305 (A,210,43)		CCN1148
	R	4306 (A,162,44)		RN1/16SE1103D
	R	4307 (A,158,44)		RN1/16SE2002D
	R	4308 (A,177,51)		RS1/16S4R7J
	R	4309 (A,183,47)		RS1/16S4R7J
	R	4310 (A,164,50)		RS1/16S514J
	R	4321 (A,239,25)		RS1/16S153J
	R	4322 (A,240,20)		RS1/16S101J
⚠	R	4351 (A,207,95)	CARBON FILM RESISTOR	RD1/4MUF4R7J
	R	4352 (A,226,62)		RS1/16S332J
	R	4353 (A,223,62)		RS1/16S0R0J
	R	4354 (A,222,58)		RN1/16SE1602D
	R	4355 (A,221,62)		RN1/16SE5101D
	R	4356 (A,221,38)		RS1/8SQ0R0J
	R	4357 (A,221,36)		RS1/8SQ0R0J
	R	4358 (A,221,27)		RS1/8SQ0R0J
	R	4359 (A,221,25)		RS1/8SQ0R0J

CAPACITORS

	C	4301 (A,154,90)	FILM CAPACITOR	CQMBA104J50
	C	4302 (A,172,79)	ELECTR.CAPACITOR	ACH7295
	C	4303 (A,170,53)		CCG1236
	C	4304 (A,176,44)		CKSYB475K16
	C	4305 (A,164,52)		CCSRCH220J50
	C	4306 (A,164,49)		CKSRYB103K50
	C	4307 (A,164,46)		CCSRCH221J50
	C	4308 (A,160,47)		CCSRCH681J50
	C	4310 (A,166,42)		CCSRCH102J50
	C	4311 (A,181,52)		CKSRYB224K16
	C	4312 (A,159,42)		CCSRCH471J50
	C	4313 (A,202,43)	CHIP CAPACITOR	CKSYB106K10
	C	4314 (A,204,36)	OS CAPACITOR	ACH7203
	C	4317 (A,174,62)		CCG1236
	C	4321 (A,247,22)	CHIP CAPACITOR	CKSYB106K10
	C	4322 (A,238,21)		CKSRYB222K50
	C	4323 (A,242,20)		CKSRYB103K50
	C	4324 (A,234,16)		CKSRYB105K16
	C	4325 (A,224,18)	ELECT. CAPACITOR	CEHAZL100M50
	C	4351 (A,223,100)	FILM CAPACITOR	CQMBA104J50
	C	4352 (A,205,80)	ELECTR.CAPACITOR	ACH7294
	C	4353 (A,245,64)		CCG1236
	C	4354 (A,227,64)		CCSRCH221J50
	C	4355 (A,226,64)		CKSRYB223K50
	C	4356 (A,239,46)		CKSYB684K25
	C	4357 (A,226,47)		CKSYB475K16
	C	4358 (A,221,48)	ELECT. CAPACITOR	CEHAZL221M10

AT DSP DIODE ASSY

MISCELLANEOUS

	D	4301 (A,160,133)	DIODE	D5SBA20(B)
	J	4301	8P HOUSING ASSY	ADX7609

CAPACITORS

	C	4345 (A,180,130)		CKSRYB103K50
	C	4346 (B,166,131)		CKSRYB103K50
	C	4347 (B,180,131)		CKSRYB103K50
	C	4348 (A,168,130)		CKSRYB103K50

AU HN DIODE ASSY

MISCELLANEOUS

	D	4351 (A,202,133)	DIODE	D3SBA20(B)
	J	4351	4P HOUSING ASSY	ADX7608

CAPACITORS

	C	4363 (A,220,129)		CKSRYB103K50
	C	4364 (B,208,131)		CKSRYB103K50
	C	4365 (B,219,130)		CKSRYB103K50
	C	4366 (A,208,130)		CKSRYB103K50

Mark	No.	Description	Part No.

AV FAN-12V ASSY

MISCELLANEOUS

⚠ IC	4713 (A,121,133)	REGULATOR IC	NJM79M12FA
D	4715 (A,125,118)	CHIP DIODE	RB501V-40
J	4710	JUMPER WIRE	D20PYY0305E
	4710	3P CABLE HOLDER	51048-0300

RESISTORS

R	4708 (A,118,120)		RS1/16S0R0J
R	4709 (A,118,124)		RS1/16S0R0J

CAPACITORS

C	4713 (B,123,119)		CKSRYB103K50
C	4714 (A,127,127)		CEAT100M50

AW DD DISP ASSY

MISCELLANEOUS

⚠ IC	4501 (A,26,68)	REGULATOR IC	LT1766EFE
⚠ IC	4701 (A,90,67)	REGULATOR IC	LT3430EFE
⚠ IC	4702 (A,123,59)	PROTECTOR(7A)	AEK7021
⚠ IC	4703 (A,123,69)	PROTECTOR(7A)	AEK7047
D	4501 (A,24,44)	DIODE	D3SBA20(B)
D	4503 (A,23,74)	CHIP DIODE	RB050L-40
D	4504 (A,17,68)	DIODE	RR264M-400
D	4505 (A,17,76)	DIODE	PTZ3R6(B)
D	4506 (A,31,87)	CHIP ZENER DIODE	RLZ10B
D	4701 (A,116,38)	DIODE	D3SBA20(B)
D	4703 (A,78,76)	CHIP DIODE	RB050L-40
D	4704 (A,87,73)	CHIP DIODE	RB050L-40
D	4705 (A,90,76)	DIODE	PTZ6R8(B)
D	4706 (A,100,87)	CHIP ZENER DIODE	RLZ15B
L	4501 (A,21,88)	INDUCTOR	CTH1255
L	4701 (A,88,85)	INDUCTOR	ATH7036
H	4501 (A,60,13)	FUSE CLIP	AKR7001
H	4502 (A,39,13)	FUSE CLIP	AKR7001
J	4502 (A,35,92)	15P HOUSING ASSY	ADX7598
J	4702 (A,78,99)	3P HOUSING ASSY	ADX7627
KN	4501 (A,120,110)	SCREW PLATE	VNE1948
KN	4701 (A,63,110)	SCREW PLATE	VNE1948
CN	4702 (A,122,50)	3PIN CONNECTOR	S3B-EH
	4331 (A,124,20)	PCB BINDER	VEF1040
	4305	3P CABLE HOLDER	51048-0300

RESISTORS

⚠ R	4501 (A,37,36)	CARBON FILM RESISTOR	RD1/4MUF4R7J
R	4502 (A,34,68)		RS1/16S682J
R	4503 (A,37,71)		RS1/16S0R0J
R	4504 (A,36,74)		RS1/16S152J
R	4505 (A,33,72)		RN1/16SE2702D
R	4506 (A,35,71)		RN1/16SE5101D
⚠ R	4701 (A,116,71)	CARBON FILM RESISTOR	RD1/4MUF4R7J
R	4702 (A,96,65)		RS1/16S332J
R	4703 (A,100,65)		RS1/16S0R0J
R	4704 (A,102,70)		RS1/16S222J
R	4705 (A,100,68)		RN1/16SE4302D
R	4706 (A,101,65)		RN1/16SE5101D
R	4707 (A,71,87)		RS1/16S0R0J

CAPACITORS

C	4501 (A,32,27)	FILM CAPACITOR	CQMBA104J50
C	4502 (A,28,54)	ELECT. CAPACITOR	CEAT472M25
C	4503 (A,20,62)		CCG1236
C	4504 (A,33,66)		CCSRCH221J50
C	4505 (A,35,66)		CKSQYB563K25
C	4506 (A,19,68)		CKSQYB334K16
C	4507 (A,26,79)		CKSYB475K16
C	4508 (A,34,83)	ELECT. CAPACITOR	CEHAZL471M10
C	4510 (A,29,32)		CKSRYB103K50
C	4511 (A,31,41)		CKSRYB103K50
C	4512 (A,29,35)		CKSRYB103K50
C	4513 (A,29,41)		CKSRYB103K50
C	4701 (A,116,59)	FILM CAPACITOR	CFTLA104J2A
C	4702 (A,98,26)	ELECT. CAPACITOR	CEAT332M35
C	4703 (A,82,68)		CCG1236
C	4704 (A,97,65)		CCSRCH221J50
C	4705 (A,96,63)		CKSRYB223K50
C	4706 (A,81,75)		CKSYB684K25
C	4707 (A,96,77)		CKSYB475K16
C	4708 (A,103,81)		CEHAZL471M16
C	4712 (A,98,43)	ELECT. CAPACITOR	CEAT222M35
C	4715 (A,116,53)	CAPACITOR(CERAMIC)	ACG7062
C	4716 (B,111,40)	CAPACITOR(CERAMIC)	ACG7062
C	4717 (B,107,53)	CAPACITOR(CERAMIC)	ACG7062
C	4718 (A,114,53)	CAPACITOR(CERAMIC)	ACG7062

AX DD HDMI ASSY

MISCELLANEOUS

⚠ IC	4602 (A,80,205)	PROTECTOR(7A)	AEK7047
D	4606 (A,66,233)	CHIP ZENER DIODE	RLZ6.8B
D	4607 (A,66,221)	CHIP ZENER DIODE	RLZ7.5B
L	4613 (A,73,232)	COMMON MODE COIL	ATF7042
L	4614 (A,79,234)	LINE FILTER	ATF7041
L	4633 (A,73,223)	COMMON MODE COIL	ATF7042
H	4601 (A,123,174)	FUSE CLIP	AKR7001
H	4602 (A,123,152)	FUSE CLIP	AKR7001
J	4602 (A,112,224)	5P HOUSHING ASSY	ADX7546
KN	4601 (A,114,136)	SCREW PLATE	VNE1948
KN	4602 (A,28,136)	SCREW PLATE	VNE1948
CN	4601 (A,124,187)	2P CONNECTOR	B2P-VH
CN	4604 (A,61,182)	9P SOCKET	KP250NA9
CN	4605 (A,56,234)	12P SOCKET	KP250NA12

RESISTORS

⚠ R	4601 (A,104,159)	CARBON FILM RESISTOR	RD1/4MUF4R7J
R	4645 (B,70,217)		RS1/16S0R0J

CAPACITORS

C	4601 (A,116,159)	FILM CAPACITOR	CQMBA104J50
C	4602 (A,109,202)	ELECTR.CAPACITOR	ACH7296
C	4642 (B,75,218)		CKSRYB104K50

Mark	No.	Description	Part No.

AY HDMI DIODE ASSY

MISCELLANEOUS

	D	4601 (A,81,118) BRIDGE DIODE	D15XB20
	J	4601 12P HOUSING ASSY	ADX7610

CAPACITORS

	C	4658 (B,85,128)	CKSRYB103K50
	C	4659 (A,66,123)	CKSRYB103K50
	C	4660 (B,66,128)	CKSRYB103K50
	C	4661 (A,74,126)	CKSRYB103K50

AZ 2CH DD ASSY

MISCELLANEOUS

⚠	IC	4601 (A,44,46) REGULATOR IC	LTC3728LEGN
⚠	IC	4611 (A,75,60) POWER MOS FET	RSS065N03
⚠	IC	4612 (A,81,52) POWER MOS FET	RSS065N03
⚠	IC	4631 (A,75,32) POWER MOS FET	RSS065N03
⚠	IC	4632 (A,81,40) POWER MOS FET	RSS065N03
	D	4611 (A,54,52) DIODE	RB160M-40
	D	4612 (A,86,52) CHIP DIODE	RB050L-40
	D	4631 (A,56,52) DIODE	RB160M-40
	D	4632 (A,86,40) CHIP DIODE	RB050L-40
	L	4611 (A,95,59) INDUCTOR	ATH7055
	L	4631 (A,95,33) INDUCTOR	ATH7055
	CN	4606 (A,65,64) CONNECTOR	B9B-XH-A
	CN	4607 (A,117,60) CONNECTOR	B12B-XH-A

RESISTORS

	R	4602 (A,60,49)	RS1/4S100J
	R	4603 (A,52,57)	RS1/16S103J
	R	4604 (A,37,52)	RS1/16S103J
	R	4605 (A,33,52)	RS1/16S103J
	R	4606 (A,33,50)	RS1/16S0R0J
	R	4608 (A,37,45)	RS1/16S0R0J
⚠	R	4611 (A,104,63)	CCN1148
	R	4612 (A,40,55)	RS1/16S100J
	R	4613 (A,42,55)	RS1/16S100J
	R	4614 (A,37,54)	RN1/16SE1103D
	R	4615 (A,33,54)	RN1/16SE2002D
	R	4616 (A,44,53)	RS1/16S105J
	R	4617 (A,35,48)	RS1/16S153J
	R	4618 (A,77,64)	RS1/16S0R0J
	R	4619 (A,82,47)	RS1/16S0R0J
⚠	R	4631 (A,104,29)	CCN1148
	R	4632 (A,38,37)	RS1/16S100J
	R	4633 (A,40,37)	RS1/16S100J
	R	4634 (A,39,30)	RN1/16SE1303D
	R	4635 (A,36,30)	RN1/16SE2002D
	R	4636 (A,44,39)	RS1/16S105J
	R	4637 (A,35,42)	RS1/16S333J
	R	4638 (A,39,33) CHIP RESISTOR	ACN7159
	R	4639 (A,36,33) CHIP RESISTOR	ACN7159
	R	4640 (A,41,35) CHIP RESISTOR	ACN7159
	R	4641 (A,36,35) CHIP RESISTOR	ACN7159
	R	4642 (A,77,37)	RS1/16S0R0J
	R	4643 (A,78,45)	RS1/16S0R0J

Mark	No.	Description	Part No.

CAPACITORS

	C	4603 (A,72,43)	CCG1236
	C	4604 (A,72,46)	CCG1236
	C	4605 (A,72,50)	CCG1236
	C	4606 (A,55,43)	CKSYB475K16
	C	4607 (A,33,44)	CKSRYB103K50
	C	4608 (A,59,53)	CKSRYB104K50
	C	4609 (A,52,43)	CKSYB475K16
	C	4611 (A,106,67) CAPACITOR(CERAMIC)	ACG7061
	C	4612 (A,111,64) OS CAPACITOR	ACH7282
	C	4613 (A,52,53)	CKSYB104K25
	C	4615 (A,41,52)	CCSRCH102J50
	C	4616 (A,44,56)	CKSRYB223K50
	C	4617 (A,33,46)	CCSRCH102J50
	C	4618 (A,33,49)	CCSRCH330J50
	C	4631 (A,106,25) CAPACITOR(CERAMIC)	ACG7061
	C	4632 (A,111,29) OS CAPACITOR	ACH7282
	C	4633 (A,52,38)	CKSYB104K25
	C	4635 (A,39,40)	CCSRCH102J50
	C	4636 (A,44,37)	CKSRYB223K50
	C	4637 (A,33,40)	CKSRYB472K50
	C	4638 (A,33,43)	CCSRCH330J50

BA A-REG ASSY

SEMICONDUCTORS

⚠	IC	4101	AEK7046
⚠	IC	4111,4151	NJM7805FA
⚠	IC	4121	LM2940CT-5.0
⚠	IC	4131	NJM78M15FA
⚠	IC	4132	NJM79M15FA
⚠	IC	4133	NJM78M12FA
⚠	IC	4152	NJM7905FA
	Q	4131,4151	2SC4154
	Q	4132	2SA1602A
⚠	Q	4133,4152	2SJ539
⚠	Q	4134	2SK2927
⚠	D	4111,4131,4151	D3SBA20(B)
⚠	D	4112,4122,4154	MTZJ6R2(B)
	D	4133,4134,4152	UDZS4R7(B)
	D	4135,4136	UDZS18(B)
	D	4137,4138,4157,4159	RB501V-40

MISCELLANEOUS

	H	4103-4112 FUSE CLIP	AKR7001
	CN	4101,4121 CONNECTOR	B4B-EH
	CN	4102 PLUG(2P)	KM200NA2
	CN	4103 PLUG(5P)	KM200NA5
	CN	4104 2P TOP POST	B2B-EH
	CN	4105 CONNECTOR	B6B-EH
		4111,4113,4115-4119 PCB BINDER	VEF1040
	JP	4102 CONNECTOR ASSY	PF04PG0S20

RESISTORS

⚠	R	4131,4151	RD1/4MUF4R7J
		Other Resistors	RS1/16S###J

Mark	No.	Description	Part No.
CAPACITORS			
C	4112,4122,4154		CEAT472M16
C	4113,4115-4118,4123		CKSRYB103K50
C	4114,4124,4155-4157		CEAT101M16
C	4131		CQMBA104J2A
C	4132,4141,4142,4159		CKSRYB103K50
C	4133,4134		CEAT472M35
C	4135,4137-4139		CEAT470M25
C	4136		CEAL470M25
C	4143,4144,4160		CEAL2R2M50
C	4151		CQMBA104J50
C	4153		CEAT682M16
C	4161-4164,4808		CKSRYB103K50
C	4171-4174		ACG7062

BB DA DIODE ASSY

Mark	No.	Description	Part No.
SEMICONDUCTORS			
⚠ D	4121		D15XB20
MISCELLANEOUS			
JP	4121	4P HOUSING ASSY	ADX7611
CAPACITORS			
C	4127,4128		CKSRYB103K50

BC PRIMARY ASSY

Mark	No.	Description	Part No.
SEMICONDUCTORS			
⚠ IC	4002		PQ20RX11
Q	4001,4032		RT1N241M
Q	4011,4012,4021,4023		2SC4154
Q	4013,4043		2SA1602A
Q	4014		2SD1858X
Q	4022		2SD1664
Q	4024,4033,4039-4042		2SC4154
Q	4031		RT1P241M
Q	4034		2SB1237X
Q	4035,4036		RT1N140M
Q	4037		RT1N431M
Q	4038		2SB1132
⚠ D	4001		S1WB(A)60SD
D	4002,4003,4006		1SS352
D	4005		UDZS3R3(B)
D	4007,4008,4011		UDZS5R6(B)
D	4031-4036		1SS352
D	4038		UDZS5R1(B)
D	4039		1SR154-400
MISCELLANEOUS			
⚠ L	31	LINE FILTER	XTF3004
H	31,32,41,42	FUSE CLIP	AKR7001
KN	4001	WRAPPING TERMINAL	VNF1084
KN	4002	SCREW TERMINAL	VNE1949
⚠ RY	21	RELAY	XSR3010
⚠ T	21	STANDBY TRANSFORMER	ATT7100
⚠ CN	22	CONNECTOR	B2P3-VH
⚠ CN	23	CONNECTOR	B2P4-VH
⚠ CN	24	CONNECTOR	B2P3S-VH
CN	4001	CONNECTOR(05P)	TUC-P05X-B1
CN	4002	KR CONNECTOR	B3B-PH-K-Y
CN	4004	L-PLUG(9P)	KM200NA9L
CN	4005	PLUG(2P)	KM200NA2LR
CN	4007	PLUG(2P)	KM200NA2
CN	4012	9P CONNECTOR	52044-0945
RESISTORS			
⚠ R	4001		RD1/4MUF151J
⚠ R	4045,4046		RS1/2LMF330J
Other Resistors			RS1/16S###J
CAPACITORS			
⚠ C	21		ACG7039
⚠ C	31,32,41,42		ACE7013
C	4001		CQMBA103J50
C	4002,4003,4007,4008		CKSRYB102K50
C	4004		CEAT332M25
C	4005		CEAT221M25
C	4006		CKSRYB103K50
C	4010		CKSQYB224K25
C	4011		CKSRYB104K25
C	4012		CKSRYB105K16
C	4031,4032		CEAT220M50
C	4035		CEAT221M16

BD ICE INPUT 4CH ASSY

Mark	No.	Description	Part No.
MISCELLANEOUS			
IC	5611 (A,271,105)	IC	OPA2134UA
IC	5621 (A,270,69)	IC	OPA2134UA
IC	5631 (A,272,44)	IC	OPA2134UA
IC	5641 (A,267,26)	IC	OPA2134UA
CN	5602 (A,258,45)	12PIN CONNECTOR	AKM1372
CN	5603 (A,282,110)	L-PLUG(6P)	KM200NA6L
CN	5604 (A,275,76)	L-PLUG(6P)	KM200NA6L
CN	5605 (A,282,51)	L-PLUG(6P)	KM200NA6L
CN	5606 (A,282,21)	L-PLUG(6P)	KM200NA6L
RESISTORS			
R	5601 (A,267,104)		RS1/16S471J
R	5602 (A,267,103)		RS1/16S471J
R	5603 (A,265,70)		RS1/16S471J
R	5604 (A,265,68)		RS1/16S471J
R	5605 (A,267,41)		RS1/16S471J
R	5606 (A,267,39)		RS1/16S471J
R	5607 (A,264,25)		RS1/16S471J
R	5608 (A,264,22)		RS1/16S471J
R	5611 (A,280,105)	CHIP RESISTOR	RS1/16S1000F
R	5612 (B,274,91)		RS1/16S151J
R	5613 (B,265,106)		RS1/16S151J
R	5614 (A,280,103)	CHIP RESISTOR	RS1/16S1000F
R	5615 (A,273,110)		RS1/16S0R0J
R	5616 (A,271,100)		RS1/16S0R0J
R	5619 (A,264,103)		RS1/16S104J

Mark	No.	Description	Part No.
R	5621 (A,275,72)	CHIP RESISTOR	RS1/16S1000F
R	5622 (A,282,65)		RS1/16S151J
R	5623 (B,268,82)		RS1/16S151J
R	5624 (A,276,72)	CHIP RESISTOR	RS1/16S1000F
R	5625 (A,271,74)		RS1/16S0R0J
R	5626 (A,269,64)		RS1/16S0R0J
R	5629 (A,266,56)		RS1/16S104J
R	5631 (A,281,47)	CHIP RESISTOR	RS1/16S1000F
R	5632 (B,285,45)		RS1/16S151J
R	5633 (B,275,50)		RS1/16S151J
R	5634 (A,283,47)	CHIP RESISTOR	RS1/16S1000F
R	5635 (A,273,49)		RS1/16S0R0J
R	5636 (A,271,39)		RS1/16S0R0J
R	5639 (A,263,36)		RS1/16S104J
R	5641 (A,272,28)	CHIP RESISTOR	RS1/16S1000F
R	5642 (B,274,26)		RS1/16S151J
R	5643 (B,276,31)		RS1/16S151J
R	5644 (A,272,26)	CHIP RESISTOR	RS1/16S1000F
R	5645 (A,269,31)		RS1/16S0R0J
R	5646 (A,268,21)		RS1/16S0R0J
R	5649 (A,262,22)		RS1/16S104J

CAPACITORS

C	5611 (A,274,100)		CKSRYB103K50
C	5612 (A,267,107)		CKSRYB103K50
C	5613 (A,274,94)	ELECT. CAPACITOR	ACH7287
C	5614 (A,264,113)	ELECT. CAPACITOR	ACH7287
C	5621 (A,274,68)		CKSRYB103K50
C	5622 (A,265,73)		CKSRYB103K50
C	5623 (A,274,63)	ELECT. CAPACITOR	ACH7287
C	5624 (A,265,78)	ELECT. CAPACITOR	ACH7287
C	5631 (A,276,41)		CKSRYB103K50
C	5632 (A,268,45)		CKSRYB103K50
C	5633 (A,282,40)	ELECT. CAPACITOR	ACH7287
C	5634 (A,273,54)	ELECT. CAPACITOR	ACH7287
C	5641 (A,270,20)		CKSRYB103K50
C	5642 (A,263,28)		CKSRYB103K50
C	5643 (A,274,18)	ELECT. CAPACITOR	ACH7287
C	5644 (A,274,35)	ELECT. CAPACITOR	ACH7287

BE ICE INPUT 6CH ASSY

MISCELLANEOUS

IC	5511 (A,294,175)	IC	OPA2134UA
IC	5521 (A,267,174)	IC	OPA2134UA
IC	5531 (A,241,177)	IC	OPA2134UA
IC	5541 (A,209,179)	IC	OPA2134UA
IC	5551 (A,179,179)	IC	OPA2134UA
IC	5561 (A,152,174)	IC	OPA2134UA
L	5501 (A,309,173)	CHIP COIL	ATL7016
L	5502 (A,312,183)	CHIP COIL	ATL7016
CN	5501 (A,308,168)	7PIN CONNECTOR	AKM7084
CN	5503 (A,156,163)	15PIN CONNECTOR	AKM1375
CN	5504 (A,145,163)	3PIN CONNECTOR	AKM1363
CN	5505 (A,305,186)	L-PLUG(6P)	KM200NA6L
CN	5506 (A,271,186)	L-PLUG(6P)	KM200NA6L
CN	5507 (A,247,186)	L-PLUG(6P)	KM200NA6L
CN	5508 (A,213,186)	L-PLUG(6P)	KM200NA6L
CN	5509 (A,188,186)	L-PLUG(6P)	KM200NA6L
CN	5510 (A,156,186)	L-PLUG(6P)	KM200NA6L

RESISTORS

R	5511 (A,293,180)	CHIP RESISTOR	RS1/16S1000F
R	5512 (A,299,180)		RS1/16S151J
R	5513 (A,287,173)		RS1/16S151J
R	5514 (A,295,180)	CHIP RESISTOR	RS1/16S1000F
R	5515 (A,289,177)		RS1/16S0R0J
R	5516 (A,299,175)		RS1/16S0R0J
R	5519 (A,294,167)		RS1/16S104J
R	5521 (A,268,180)	CHIP RESISTOR	RS1/16S1000F
R	5522 (A,271,178)		RS1/16S151J
R	5523 (A,260,171)		RS1/16S151J
R	5524 (A,267,180)	CHIP RESISTOR	RS1/16S1000F
R	5525 (A,272,174)		RS1/16S0R0J
R	5526 (A,262,175)		RS1/16S0R0J
R	5529 (A,266,167)		RS1/16S104J
R	5531 (A,240,181)	CHIP RESISTOR	RS1/16S1000F
R	5532 (A,246,181)		RS1/16S151J
R	5533 (A,234,174)		RS1/16S151J
R	5534 (A,242,181)	CHIP RESISTOR	RS1/16S1000F
R	5535 (A,236,178)		RS1/16S0R0J
R	5536 (A,246,176)		RS1/16S0R0J
R	5539 (A,241,170)		RS1/16S104J
R	5541 (A,209,184)	CHIP RESISTOR	RS1/16S1000F
R	5542 (A,217,184)		RS1/16S151J
R	5543 (A,202,178)		RS1/16S151J
R	5544 (A,208,184)	CHIP RESISTOR	RS1/16S1000F
R	5545 (A,214,179)		RS1/16S0R0J
R	5546 (A,204,181)		RS1/16S0R0J
R	5549 (A,210,171)		RS1/16S104J
R	5551 (A,179,183)	CHIP RESISTOR	RS1/16S1000F
R	5552 (A,188,183)		RS1/16S151J
R	5553 (A,172,177)		RS1/16S151J
R	5554 (A,180,183)	CHIP RESISTOR	RS1/16S1000F
R	5555 (A,174,180)		RS1/16S0R0J
R	5556 (A,184,179)		RS1/16S0R0J
R	5559 (A,180,171)		RS1/16S104J
R	5561 (A,154,182)	CHIP RESISTOR	RS1/16S1000F
R	5562 (A,157,179)		RS1/16S151J
R	5563 (A,144,173)		RS1/16S151J
R	5564 (A,152,182)	CHIP RESISTOR	RS1/16S1000F
R	5565 (A,157,174)		RS1/16S0R0J
R	5566 (A,147,176)		RS1/16S0R0J
R	5569 (A,152,168)		RS1/16S104J
R	5571 (A,293,170)		RS1/16S471J
R	5572 (A,294,170)		RS1/16S471J
R	5573 (A,267,169)		RS1/16S471J
R	5574 (A,265,169)		RS1/16S471J
R	5575 (A,240,172)		RS1/16S471J
R	5576 (A,242,172)		RS1/16S471J
R	5577 (A,211,175)		RS1/16S471J
R	5578 (A,209,175)		RS1/16S471J
R	5579 (A,179,173)		RS1/16S471J
R	5580 (A,180,173)		RS1/16S471J
R	5581 (A,153,170)		RS1/16S471J
R	5582 (A,152,170)		RS1/16S471J

Mark	No.		Description	Part No.
CAPACITORS				
C	5501	(A,318,186)	ELECT. CAPACITOR	ACH7287
C	5502	(A,312,193)	ELECT. CAPACITOR	ACH7287
C	5511	(A,300,178)		CKSRYB103K50
C	5512	(A,289,172)		CKSRYB103K50
C	5513	(A,305,182)	ELECT. CAPACITOR	ACH7287
C	5514	(A,284,170)	ELECT. CAPACITOR	ACH7287
C	5521	(A,272,178)		CKSRYB103K50
C	5522	(A,262,170)		CKSRYB103K50
C	5523	(A,277,177)	ELECT. CAPACITOR	ACH7287
C	5524	(A,255,171)	ELECT. CAPACITOR	ACH7287
C	5531	(A,247,179)		CKSRYB103K50
C	5532	(A,236,174)		CKSRYB103K50
C	5533	(A,253,181)	ELECT. CAPACITOR	ACH7287
C	5534	(A,229,175)	ELECT. CAPACITOR	ACH7287
C	5541	(A,216,182)		CKSRYB103K50
C	5542	(A,204,177)		CKSRYB103K50
C	5543	(A,222,184)	ELECT. CAPACITOR	ACH7287
C	5544	(A,197,178)	ELECT. CAPACITOR	ACH7287
C	5551	(A,186,181)		CKSRYB103K50
C	5552	(A,174,176)		CKSRYB103K50
C	5553	(A,195,188)	ELECT. CAPACITOR	ACH7287
C	5554	(A,170,187)	ELECT. CAPACITOR	ACH7287
C	5561	(A,158,176)		CKSRYB103K50
C	5562	(A,147,172)		CKSRYB103K50
C	5563	(A,163,181)	ELECT. CAPACITOR	ACH7287
C	5564	(A,141,181)	ELECT. CAPACITOR	ACH7287

BF PFC ASSY

MISCELLANEOUS

Mark	No.		Description	Part No.
D	11	(B,221,239)	DIODE	1SS352
D	12	(B,229,239)	DIODE	1SS352
D	13	(B,162,239)	DIODE	1SS352
D	14	(B,171,239)	DIODE	1SS352
D	15	(B,199,202)	DIODE	1SS352
D	16	(B,208,202)	DIODE	1SS352
⚠ L	11	(A,84,215)	PFC REACTOR	ATH7062
H	13	(A,287,226)	FUSE HOLDER	AKR7004
H	14	(A,252,226)	FUSE HOLDER	AKR7004
J	13	9P HOUSHING ASSY		ADX7545
KN	11	(A,47,233)	WRAPPING TERMINAL	VNF1084
⚠ RY	11	(A,212,227)	RELAY	ASR7031
⚠ RY	12	(A,215,214)	RELAY	ASR7031
⚠ RY	13	(A,154,227)	RELAY	ASR7031
⚠ CN	14	(A,47,204)	2P CONNECTOR	AKM7079
CN	15	(A,232,191)	PLUG(2P)	AKM7083
CN	16	(A,185,188)	PLUG(2P)	AKM7083
⚠ VA	11	(A,118,217)	VARISTOR	TND10V-911KB00AAA0
⚠ VA	12	(A,53,210)	VARISTOR	TND10V-511KB00AAA0
Y	15	AWG16 BOARD IN		ADX7616

RESISTORS

Mark	No.		Description	Part No.
⚠ R	18	(A,144,231)	RESISTOR (1OHM,20W)	ACN7158

CAPACITORS

Mark	No.		Description	Part No.
⚠ C	11	(A,220,220)	CERAMIC CAPACITOR	ACG1069
⚠ C	12	(A,199,221)	CERAMIC CAPACITOR	ACG1069
C	14	(B,189,197)		CKSRYB103K50
C	15	(B,227,190)		CKSRYB103K50
⚠ C	16	(A,133,225)	CERAMIC CAPACITOR	ACG1067
⚠ C	17	(A,133,212)	CERAMIC CAPACITOR	ACG1067
⚠ C	18	(A,47,229)	CAP (2200P/AC250V)	ACG7047

BG INLET ASSY

MISCELLANEOUS

Mark	No.		Description	Part No.
H	11	(A,291,145)	FUSE CLIP	AKR7001
H	12	(A,270,145)	FUSE CLIP	AKR7001
⚠ J	11	(A,266,175)	2P HOUSING ASSY	ADX7560
⚠ Y	13	AWG16 BOARD IN		ADX7516
⚠ Y	14	AWG16 BOARD IN		ADX7517