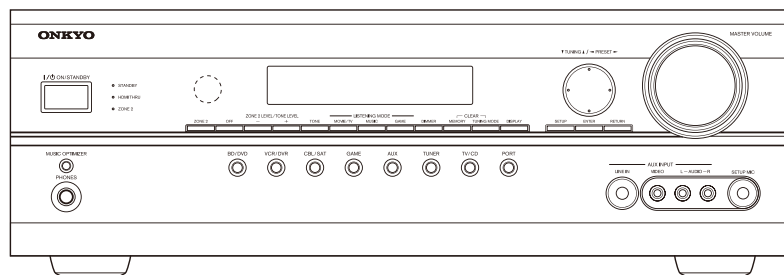


ONKYO SERVICE MANUAL

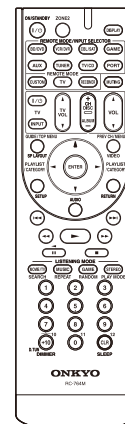
AV RECIEVER MODEL HT-R680 (B)



HT-R680(B) in HTiB "HT-S6300 and HT-S7300"

Black model

BMD C	120 V AC, 60Hz
-------	----------------



RC-764M

SAFETY-RELATED COMPONENT WARNING!!

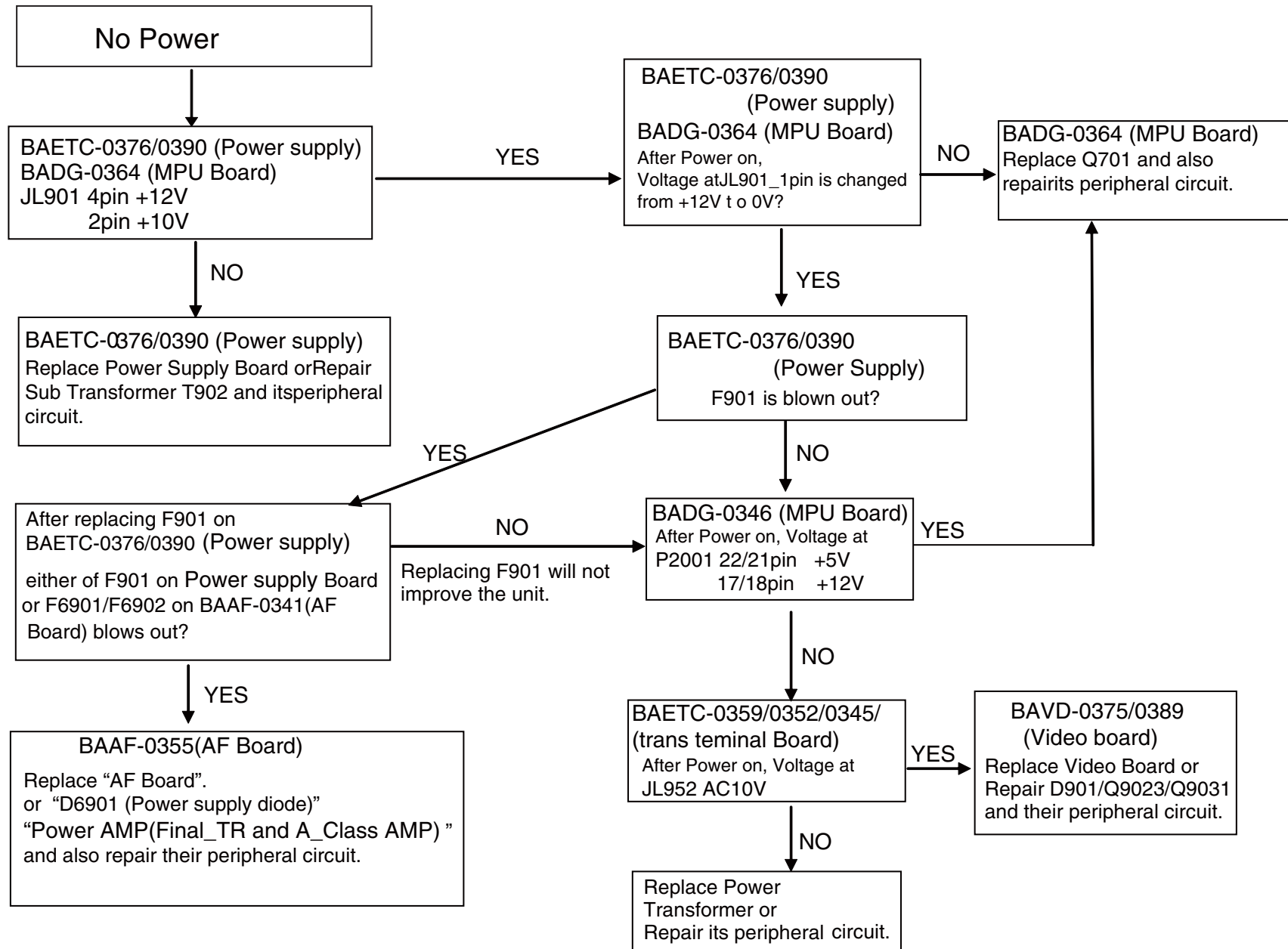
COMPONENTS IDENTIFIED BY MARK  ON THE SCHEMATIC DIAGRAM AND IN THE PARTS LIST ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE THESE COMPONENTS WITH ONKYO PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL.

MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER.

TROUBLE SHOOT-1

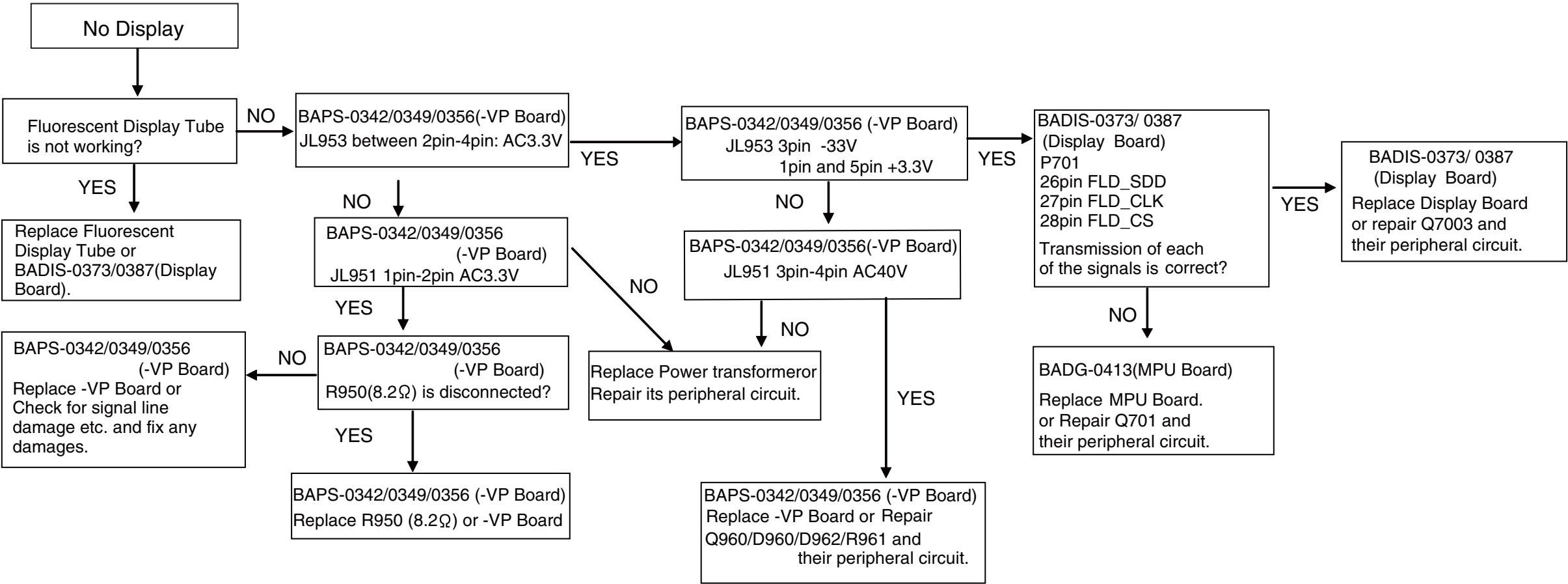
No Power

This is just for general reference and does not including every single case.

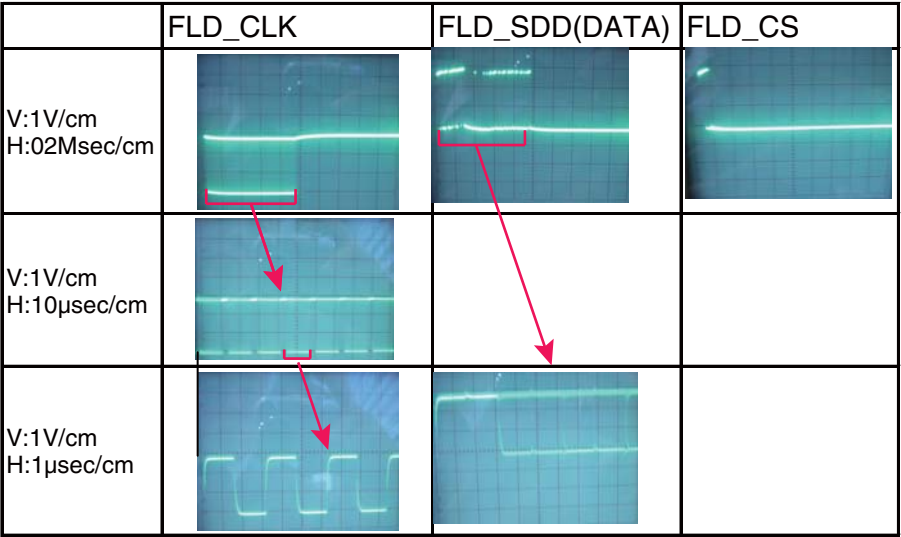
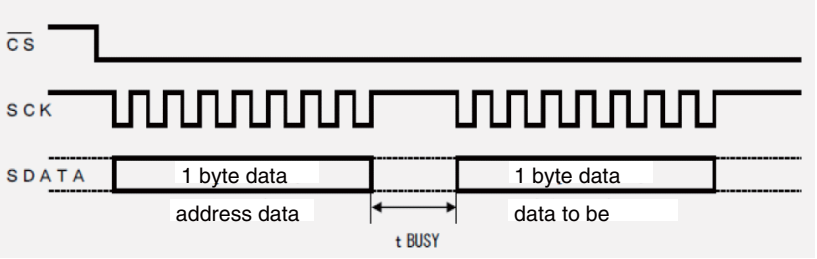


TROUBLE SHOOT- 2
No Display

This is just for general reference and does not include every single case.
The above waveforms are got by Oscilloscope of Maximum Horizontal Sensitivity: 100MHz.
The results depend on the oscilloscope.

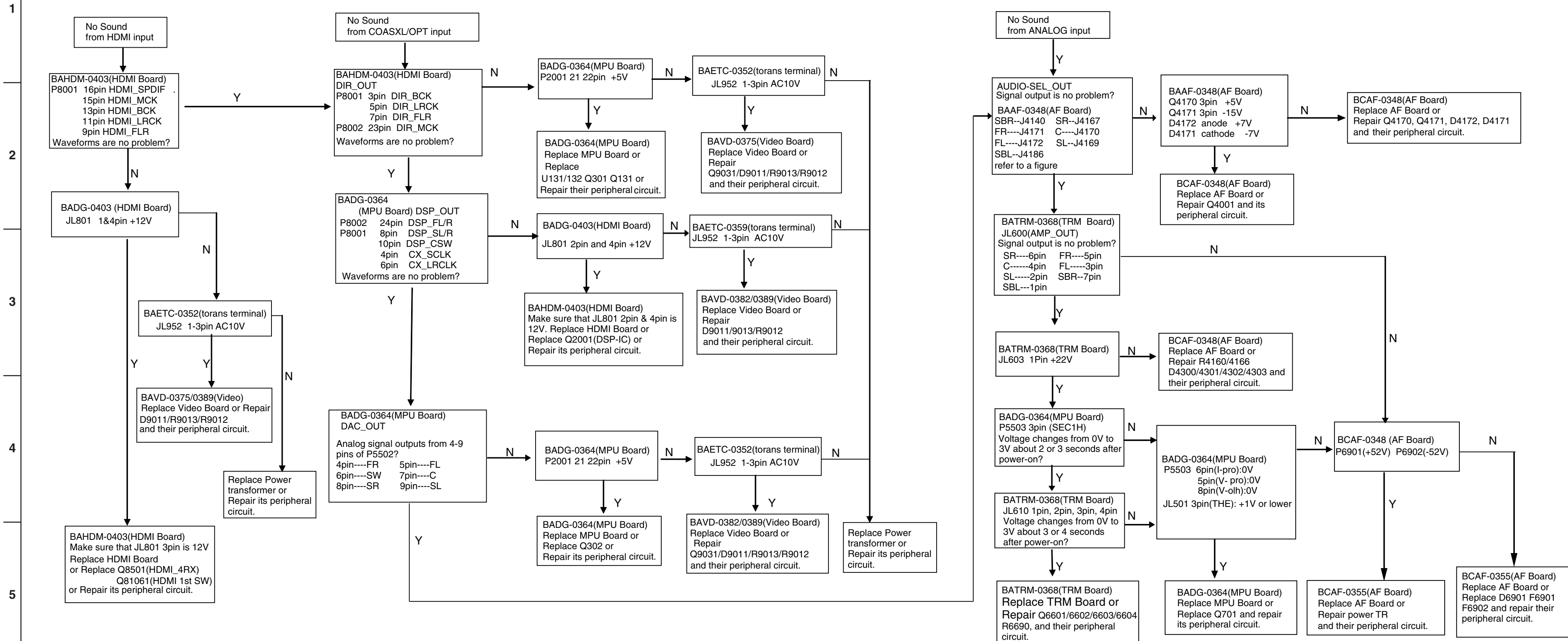


Timing of Serial Communication

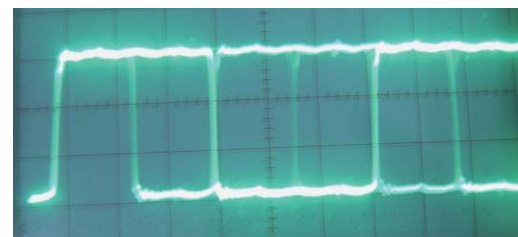


TROUBLE SHOOT-3
No Sound

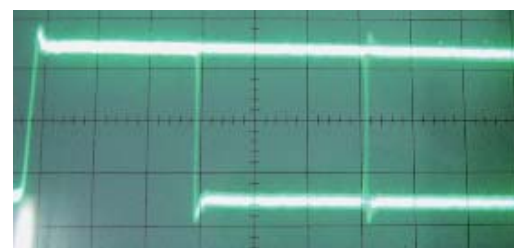
Note:
This is just for general reference and does not include every single case.
The above waveforms are got by Oscilloscope of Maximum Horizontal Sensitivity: 100MHz.
The results depend on the oscilloscope.



HDMI_SPDIF



V:1V/cm H:0.1μ/cm

DIR_FLR
DSP_FLR/SLR/CSW
HDMI_FLR

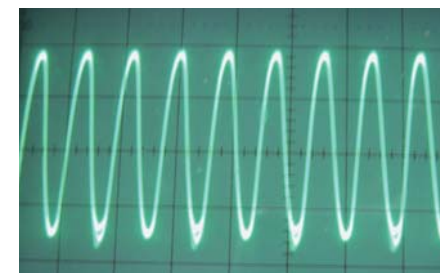
V:1V/cm H:0.1μ/cm

DIR_LRCK
CX_LRCK
HDMI_LRCK

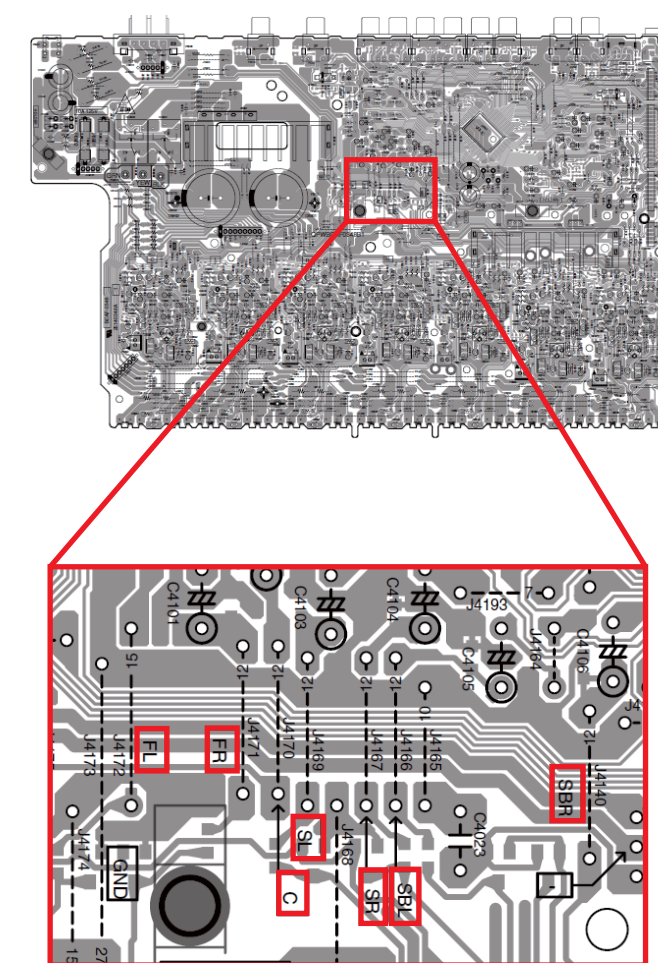
V:1V/cm H:5μ/cm

DIR_BCK
CX_SCLK
HDMI_BCK

V:1V /cm H:0.1μv/cm

DIR_MCK
HDMI_MCK

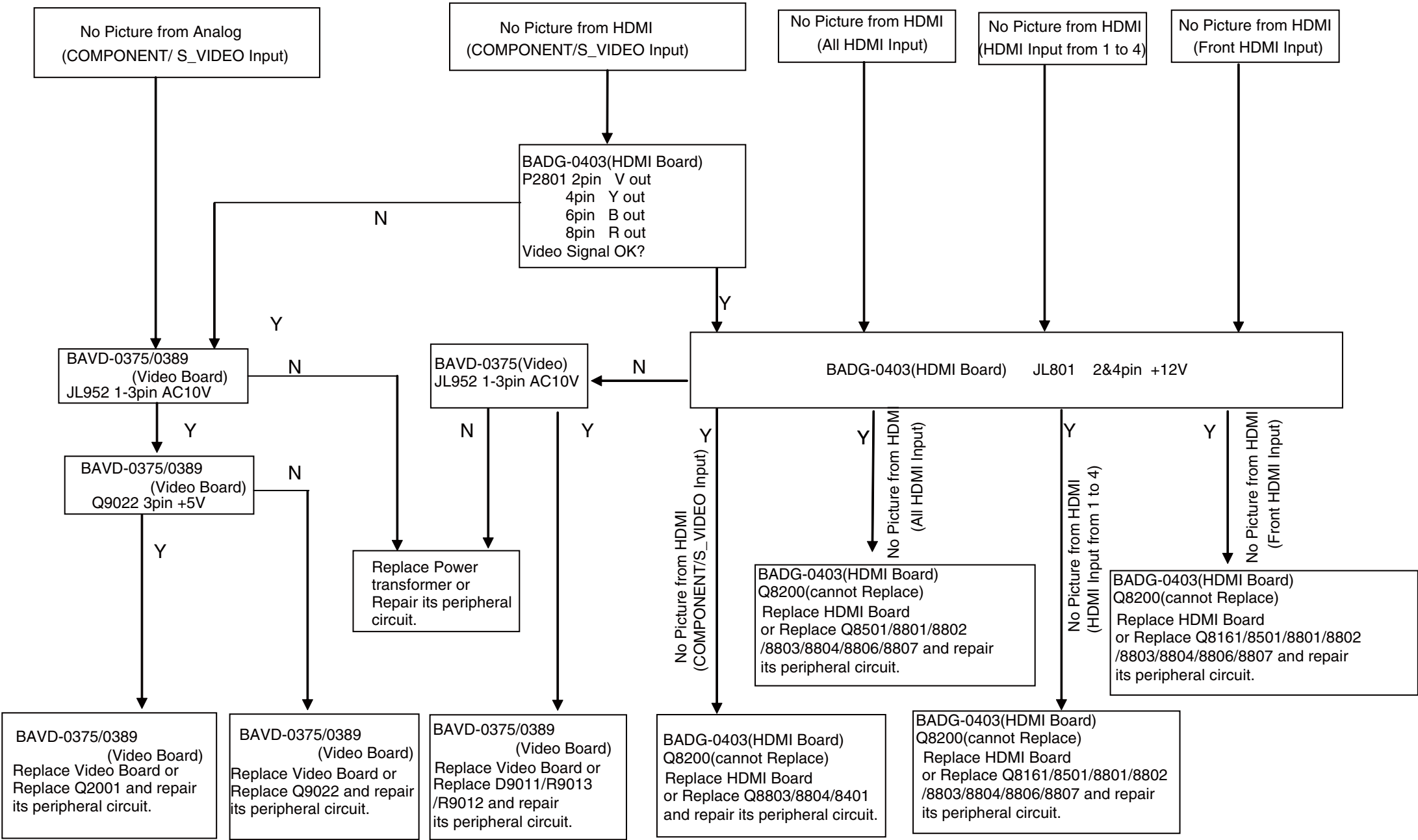
V:1V/cm H:0.1μv/cm



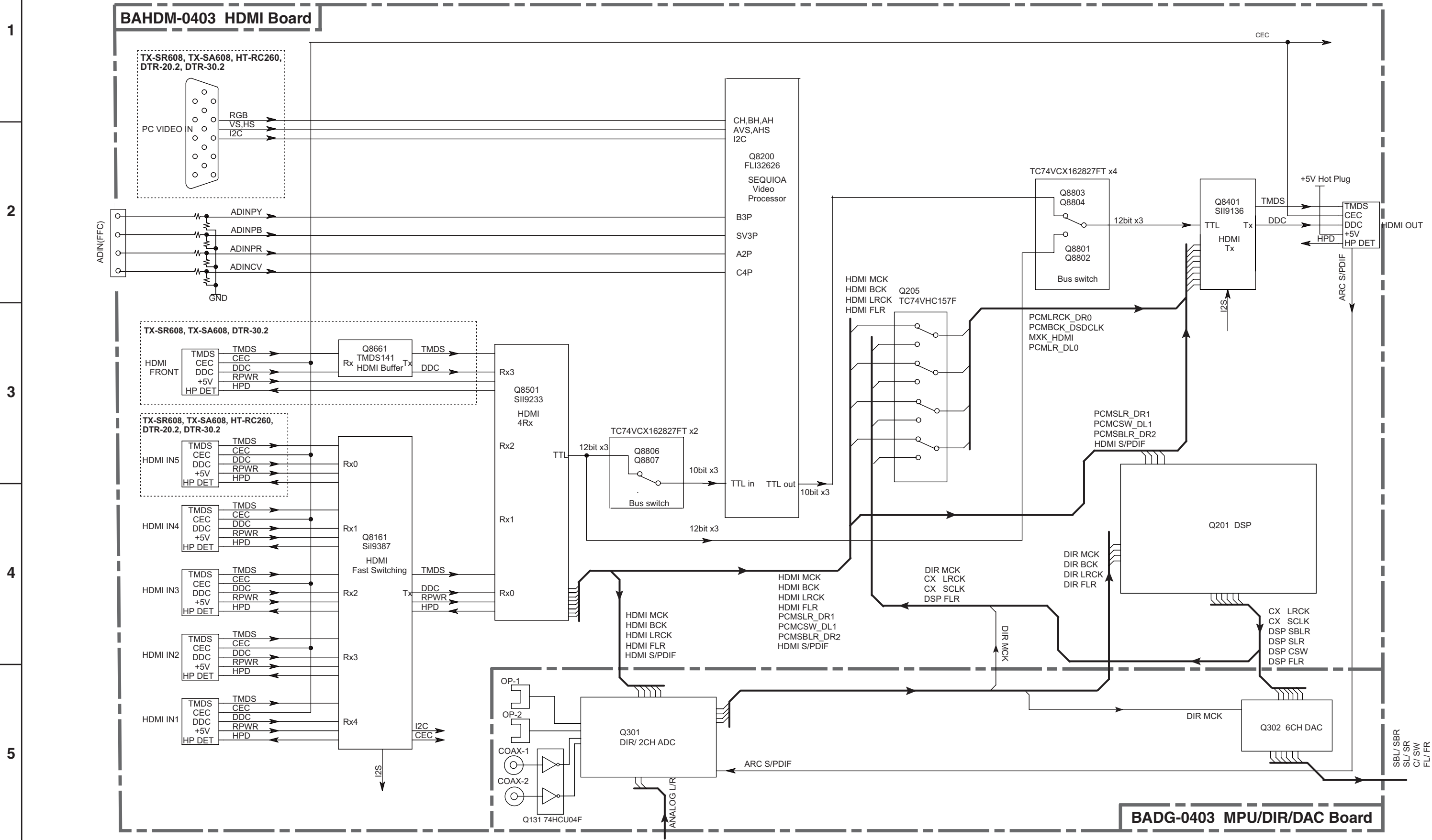
figure

TROUBLE SHOOT-4
No Pictuer

Note:
This is just for general reference and does not include every single case.



Reference materials
BLOCK DIAGRAMS (HDMI Video & Digital Audio Section)



The schematic diagram illustrates the electrical connections for the T901 power amplifier system, organized into several functional blocks:

- MPU (Microprocessor Unit):** Located on the left, it provides control signals: SP_RLSB, SP_RLF, SP_RLZ2, SP_RLCS, GNDDG2, VOLH, SEC1H, VPROTECT, and IPROTECT.
- Thermal Sensor PC board:** A dashed box at the top left containing a thermal sensor (T901) and its associated circuitry, including resistors R6702, R6703, R6704, R6705, R6706, R6707, R6708, R6709, R6710, R6711, R6712, R6713, R6714, R6715, R6716, R6717, R6718, R6719, R6720, R6721, R6722, R6723, R6724, R6725, R6726, R6727, R6728, R6729, R6730, R6731, R6732, R6733, R6734, R6735, R6736, R6737, R6738, R6739, R6740, R6741, R6742, R6743, R6744, R6745, R6746, R6747, R6748, R6749, R6750, R6751, R6752, R6753, R6754, R6755, R6756, R6757, R6758, R6759, R6760, R6761, R6762, R6763, R6764, R6765, R6766, R6767, R6768, R6769, R6770, R6771, R6772, R6773, R6774, R6775, R6776, R6777, R6778, R6779, R6780, R6781, R6782, R6783, R6784, R6785, R6786, R6787, R6788, R6789, R6790, R6791, R6792, R6793, R6794, R6795, R6796, R6797, R6798, R6799, R6800, R6801, R6802, R6803, R6804, R6805, R6806, R6807, R6808, R6809, R6810, R6811, R6812, R6813, R6814, R6815, R6816, R6817, R6818, R6819, R6820, R6821, R6822, R6823, R6824, R6825, R6826, R6827, R6828, R6829, R6830, R6831, R6832, R6833, R6834, R6835, R6836, R6837, R6838, R6839, R6840, R6841, R6842, R6843, R6844, R6845, R6846, R6847, R6848, R6849, R6850, R6851, R6852, R6853, R6854, R6855, R6856, R6857, R6858, R6859, R6860, R6861, R6862, R6863, R6864, R6865, R6866, R6867, R6868, R6869, R6870, R6871, R6872, R6873, R6874, R6875, R6876, R6877, R6878, R6879, R6880, R6881, R6882, R6883, R6884, R6885, R6886, R6887, R6888, R6889, R6890, R6891, R6892, R6893, R6894, R6895, R6896, R6897, R6898, R6899, R6900, R6901, R6902, R6903, R6904, R6905, R6906, R6907, R6908, R6909, R6910, R6911, R6912, R6913, R6914, R6915, R6916, R6917, R6918, R6919, R6920, R6921, R6922, R6923, R6924, R6925, R6926, R6927, R6928, R6929, R6930, R6931, R6932, R6933, R6934, R6935, R6936, R6937, R6938, R6939, R6940, R6941, R6942, R6943, R6944, R6945, R6946, R6947, R6948, R6949, R6950, R6951, R6952, R6953, R6954, R6955, R6956, R6957, R6958, R6959, R6960, R6961, R6962, R6963, R6964, R6965, R6966, R6967, R6968, R6969, R6970, R6971, R6972, R6973, R6974, R6975, R6976, R6977, R6978, R6979, R6980, R6981, R6982, R6983, R6984, R6985, R6986, R6987, R6988, R6989, R6990, R6991, R6992, R6993, R6994, R6995, R6996, R6997, R6998, R6999, R7000, R7001, R7002, R7003, R7004, R7005, R7006, R7007, R7008, R7009, R7010, R7011, R7012, R7013, R7014, R7015, R7016, R7017, R7018, R7019, R7020, R7021, R7022, R7023, R7024, R7025, R7026, R7027, R7028, R7029, R7030, R7031, R7032, R7033, R7034, R7035, R7036, R7037, R7038, R7039, R7040, R7041, R7042, R7043, R7044, R7045, R7046, R7047, R7048, R7049, R7050, R7051, R7052, R7053, R7054, R7055, R7056, R7057, R7058, R7059, R7060, R7061, R7062, R7063, R7064, R7065, R7066, R7067, R7068, R7069, R7070, R7071, R7072, R7073, R7074, R7075, R7076, R7077, R7078, R7079, R7080, R7081, R7082, R7083, R7084, R7085, R7086, R7087, R7088, R7089, R7090, R7091, R7092, R7093, R7094, R7095, R7096, R7097, R7098, R7099, R7100, R7101, R7102, R7103, R7104, R7105, R7106, R7107, R7108, R7109, R7110, R7111, R7112, R7113, R7114, R7115, R7116, R7117, R7118, R7119, R7120, R7121, R7122, R7123, R7124, R7125, R7126, R7127, R7128, R7129, R7130, R7131, R7132, R7133, R7134, R7135, R7136, R7137, R7138, R7139, R7140, R7141, R7142, R7143, R7144, R7145, R7146, R7147, R7148, R7149, R7150, R7151, R7152, R7153, R7154, R7155, R7156, R7157, R7158, R7159, R7160, R7161, R7162, R7163, R7164, R7165, R7166, R7167, R7168, R7169, R7170, R7171, R7172, R7173, R7174, R7175, R7176, R7177, R7178, R7179, R7180, R7181, R7182, R7183, R7184, R7185, R7186, R7187, R7188, R7189, R7190, R7191, R7192, R7193, R7194, R7195, R7196, R7197, R7198, R7199, R7200, R7201, R7202, R7203, R7204, R7205, R7206, R7207, R7208, R7209, R7210, R7211, R7212, R7213, R7214, R7215, R7216, R7217, R7218, R7219, R7220, R7221, R7222, R7223, R7224, R7225, R7226, R7227, R7228, R7229, R7230, R7231, R7232, R7233, R7234, R7235, R7236, R7237, R7238, R7239, R7240, R7241, R7242, R7243, R7244, R7245, R7246, R7247, R7248, R7249, R7250, R7251, R7252, R7253, R7254, R7255, R7256, R7257, R7258, R7259, R7260, R7261, R7262, R7263, R7264, R7265, R7266, R7267, R7268, R7269, R7270, R7271, R7272, R7273, R7274, R7275, R7276, R7277, R7278, R7279, R7280, R7281, R7282, R7283, R7284, R7285, R7286, R7287, R7288, R7289, R7290, R7291, R7292, R7293, R7294, R7295, R7296, R7297, R7298, R7299, R7300, R7301, R7302, R7303, R7304, R7305, R7306, R7307, R7308, R7309, R7310, R7311, R7312, R7313, R7314, R7315, R7316, R7317, R7318, R7319, R7320, R7321, R7322, R7323, R7324, R7325, R7326, R7327, R7328, R7329, R7330, R7331, R7332, R7333, R7334, R7335, R7336, R7337, R7338, R7339, R7340, R7341, R7342, R7343, R7344, R7345, R7346, R7347, R7348, R7349, R7350, R7351, R7352, R7353, R735

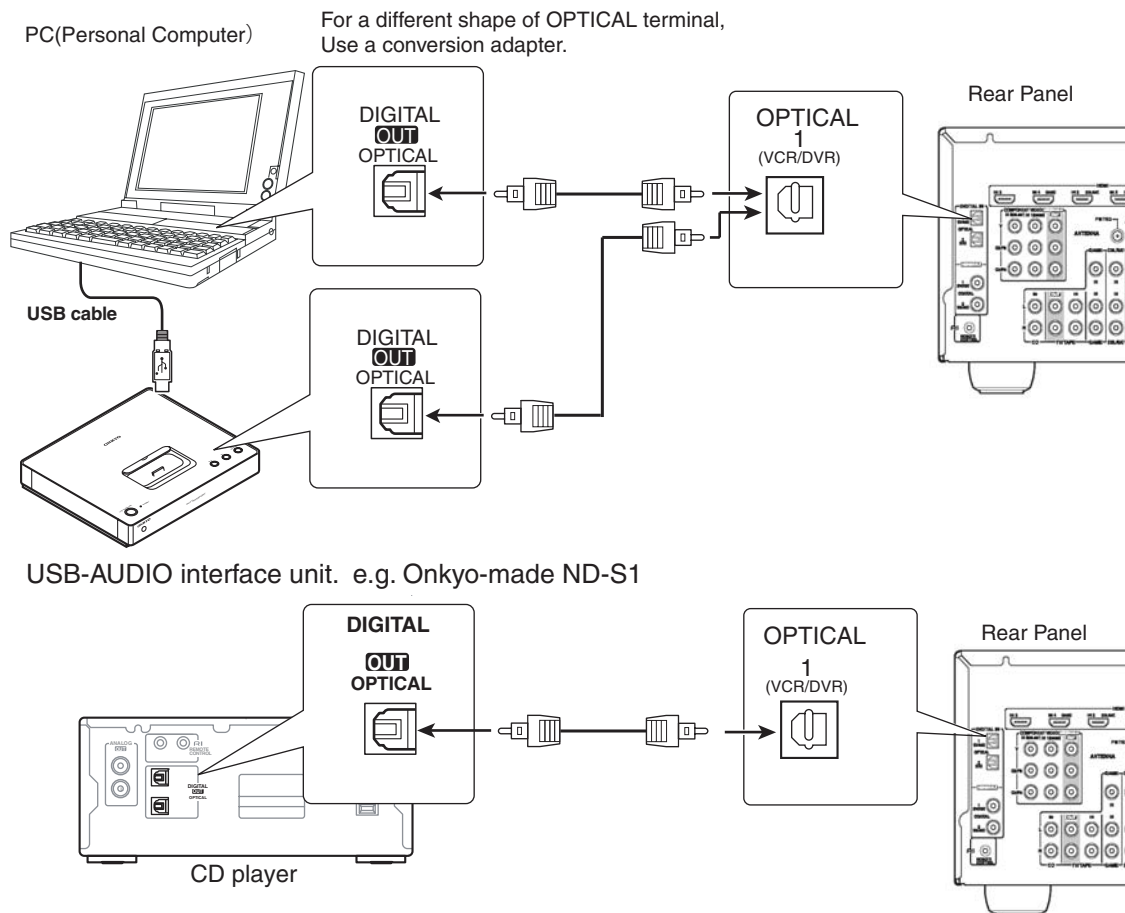
MMPU/ VMPU/ DSP Update Procedure-1

Preparation for Update-1

1. PC (Personal Computer) which can play back wav files and output digital audio signal under Windows XP.
 2. Software: Given wav-formatted FW Store it in the PC in advance (PC Update) or burn a CD-R with it as a music disc (CD Update).
 3. Connection: DIGITAL (OPTICAL/COAXIAL) output of PC/CD Player --> DIGITAL (OPTICAL-1/COAXIAL-1) INPUT of TX-SR608 etc.
- * PC needs to be able to handle wav files and output digital audio signal.
 - * For wav-compatible PCs which do not output audio signal at the above specification, use a commercially-available USB-AUDIO interface unit. e.g. Onkyo-made ND-S1
 - * PC needs to run Windows XP. Windows Vista and Windows 7 do not work.
 - * Set wave Volume to Maximum including Volume Control in Control Panel.
For further information, please see Owner's manual of your PC.
 - * Instead of PC, CD players with DIGITAL output terminal can be used.
- Note: CD players need to output digital audio signal .
Some CD players and DVD players are not suitable for update because they process audio signal to output.
Burn a CD-R as music disc.

Control Panel
--> Sounds and Audio Devices
--> Volume tab
--> Advanced
--> Turn all the levels to Max.

Connection Example



<NOTE 1>

When not display it about 20 seconds later "Writing" .
right digital audio signal is not output.
Check the connection and settings and try again.
When another try results in failure again, use the other update method.

<NOTE 2>

DURING FW UPGRADE, DO NOT TURN OFF THE UNIT. DO NOT REMOVE ANY CONNECTIONS.
These operation will not allow FW Upgrade any more, and the whole board or IC will need replacing.

MMPU/ VMPU/ DSP Update Procedure-2

Update Procedure

- While the unit is on, hold down [DISPLAY] and then press [ON/STANDBY].
Main FW Version will be shown on Front Display.

e.g. M:1.02/10323AE — * It depends on the version.

- While Main FW Version is shown, press [+(TONE)].
DSP FW Version will be shown on Front Display.

e.g. D:1.02/10416a38 — * It depends on the version.

- While DSP FW Version is shown, press [RETURN].

AUTO → ALL

* ▲ TUNING ▼ key changes “AUTO ▼ COAX1 ▼ OPT1.”

(“AUTO” means “COAX1” or “OPT1” will be automatically detected.

* ◀ TUNING ▶ key changes “ALL ▶ MMPU ▶ VMPU ▶ DSP ▶ VSP ▶ PORT”.

(TOTAL = MMPU+VMPU+DSP+VSP+PORT)

- When MMPU VMPU and DSP FWs are upgraded at the same time, select “AUTO → ALL” and press “ENTER.”

*The FW data please use Package Wev file.

For separate upgrade, select “MMPU” “VMPU” or “DSP” and please “ENTER.”

*The partial renewal cannot use Package Wev file.

Please use individual Wav File.

S/PDIF Update..

- PC upgrade: Play back the stored wav file in your PC.

CD upgrade: Play back the FW CD-R with the connected CD player. It takes about 15 minutes.

[NOTE] Make sure that “**dolby dts**” is shown before starting playback.

About 20 seconds later, the message will change from **S/PDIF Update...** to **Writing...**

When “Writing...” will not be shown, the output music data is not correct.

Check the connection and settings.

S/PDIF Update..

Playback starts. (Playback time: about 20 minutes)

↓ (about 20 seconds)

DSP Writing...

↓

VMPU Writing

↓

MMPU Setting

↓

FW-Update 00000

After playback finishes, update will start.

↓

FW-Update FF000

(just after “FF000” is shown)

↓

OK:Sum=*****

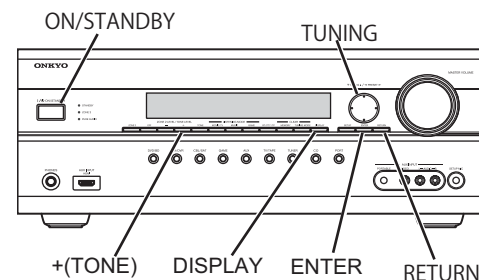
“*****” depends on the version.

- Unplug AC cord and plug it again. Press [ON/STANDBY].

Clear

- Make sure that “Clear” is shown and the unit is turned into the Standby mode.

- Make sure that the FW versions are the latest.



VSP Update Procedure-1



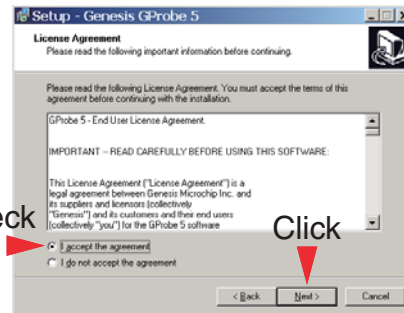
Click the Gprobe exe and begin installation

1



Click

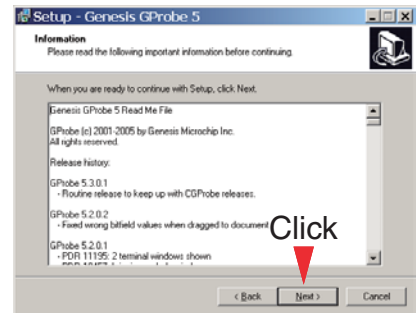
2



Check

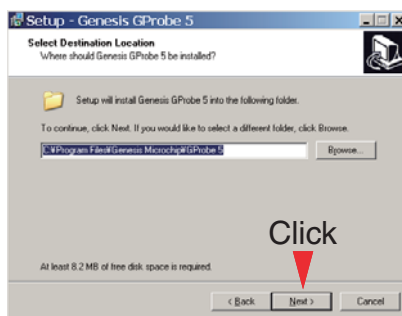
Click

3



Click

4



Click

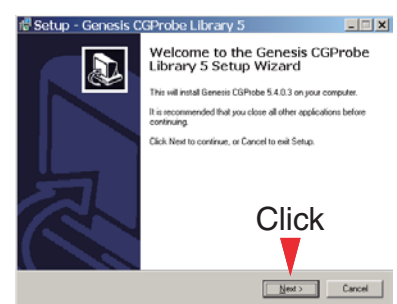
5



Check

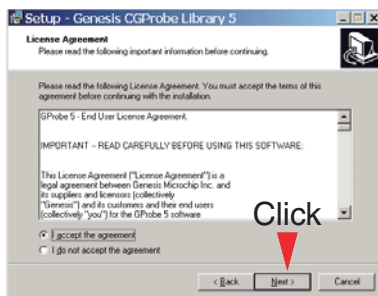
Click

6



Click

7



Click

8



Click

9



Click

10



Click



Icon is displayed to a desktop.

VSP Update Procedure-2

1 Making Batch file

1.1 Creat a folder that Batch file and Object files are put.

In the example below, the folder named Sequoia(Arbitrariness) is made under C drive.

1.1.1 In this folder, put the txt file and the hex files such as below.

isp_spi_ext_64M.txt
isp_spi_ext_64M.hex
AE_Sig_BF.hex
SequoiaONK_10305a.hex

Please download these files from the Release data base server.

Please change the name of the hex file (underlined in the example below) in 'isp_spi_ext_64M.txt' properly according to the version.

The example below explains the name partitions of the hex file:

SequoiaONK_10305a.hex
Sequoia : acronym for the Video Processor Chip Sequoia
10305a: The firmware release date. The fifth of march 2010

VSP Update Procedure-3

2. Connection

2.1 PC(RS232C COM Port) Connection

Connect PC and RS232C straight cable.

Connect Conversion board to flat cable and that RS232C straight cable.



2.2 Unit(Rear Panel Slit) Connection

Connect the flat cable into the connector in the slit of the rear panel..



VSP Update Procedure-4

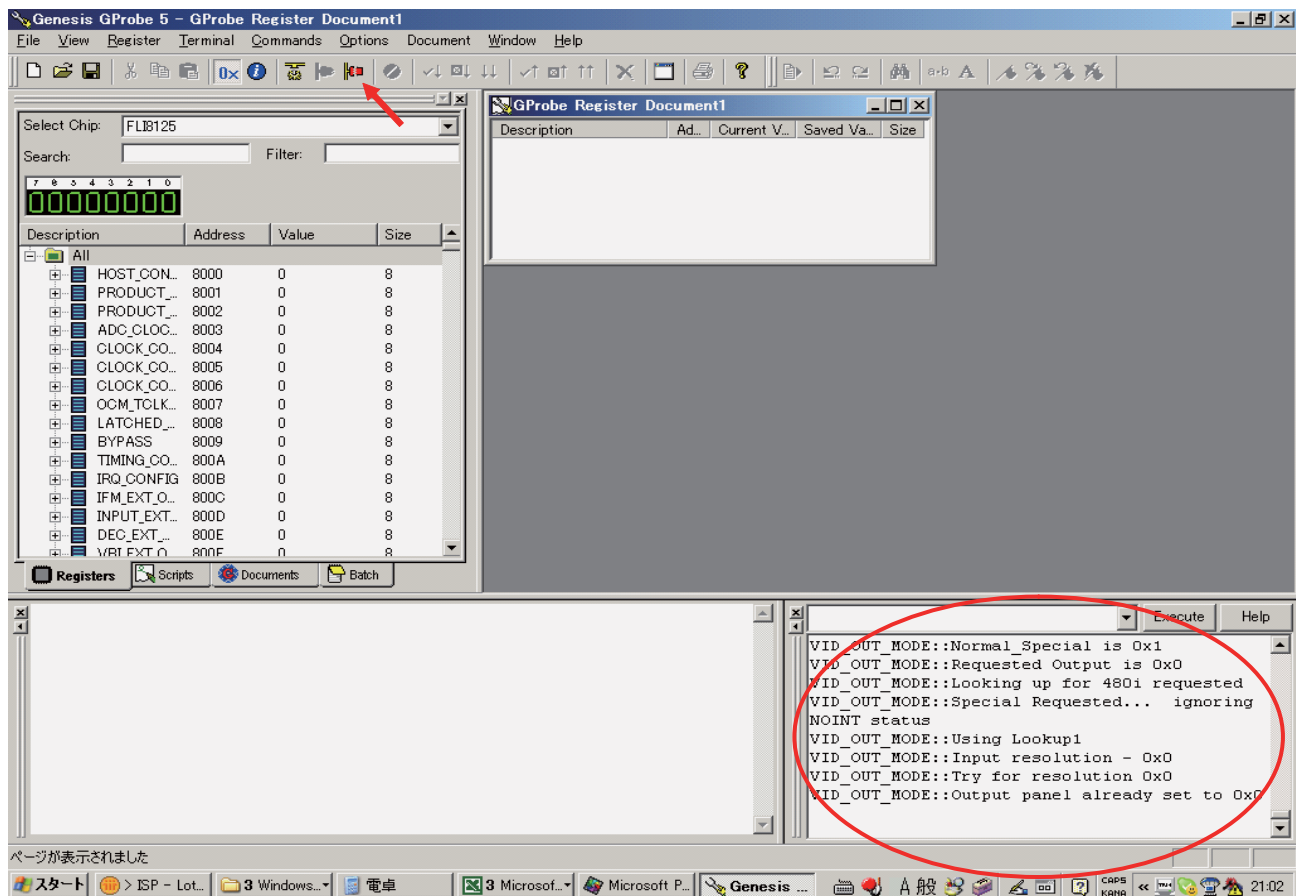
3 Execution of Gprobe

3.1 Click the Gprobe icon and start it.



3.2 Turn on the power supply of AVR.

If a Log message comes out the red icon shown below appears, it is connected properly.



Please wait for the output of a message to stop before writing the FW.

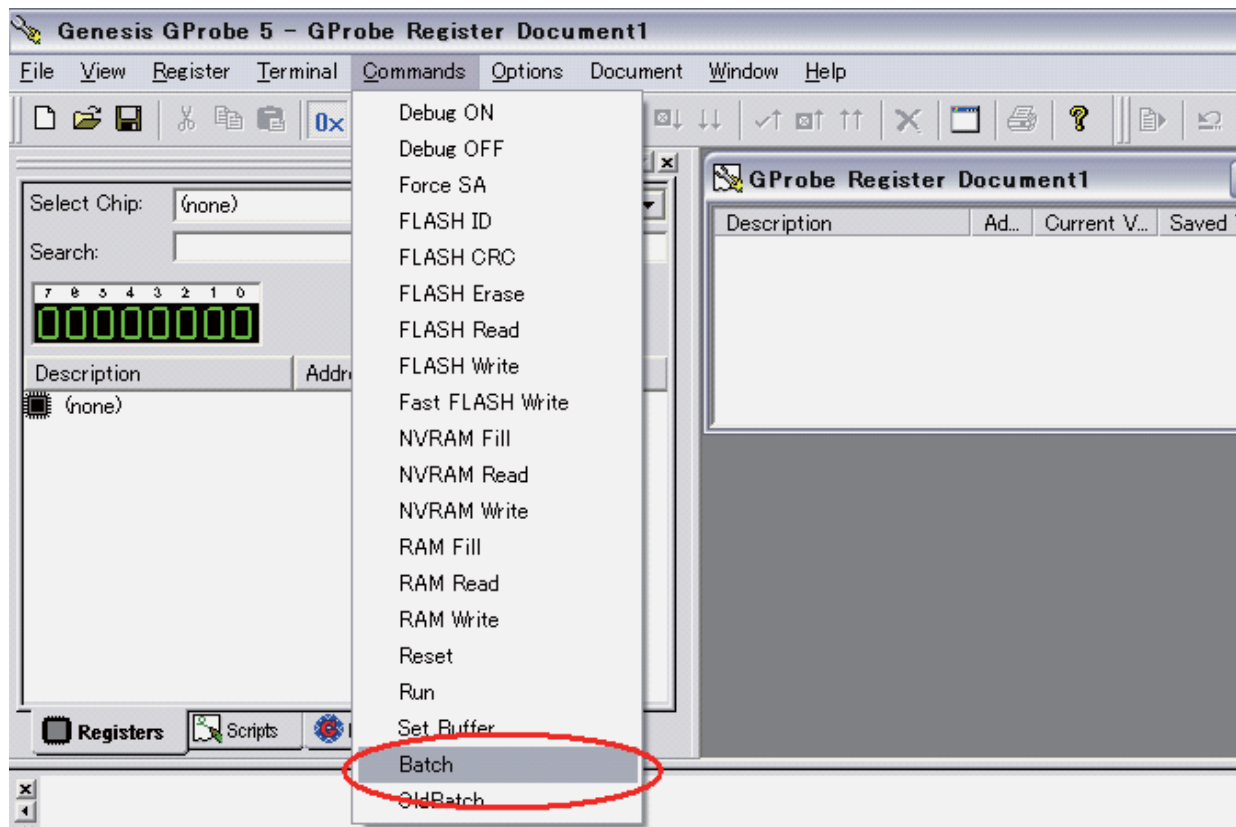
3.3 Batch

3.3.1 To click [Commands] in top tool bar.



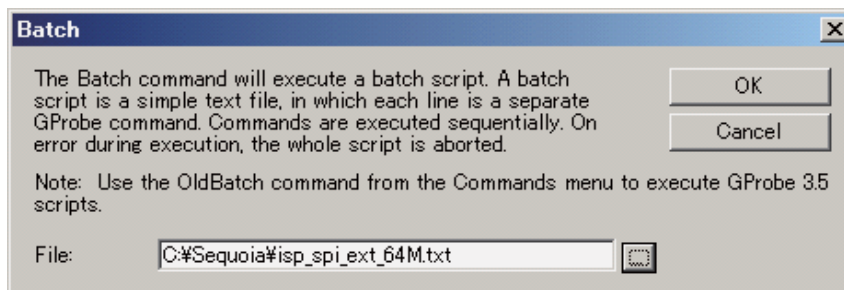
VSP Update Procedure-5

3.3.2 Click [Batch] in [Commands].



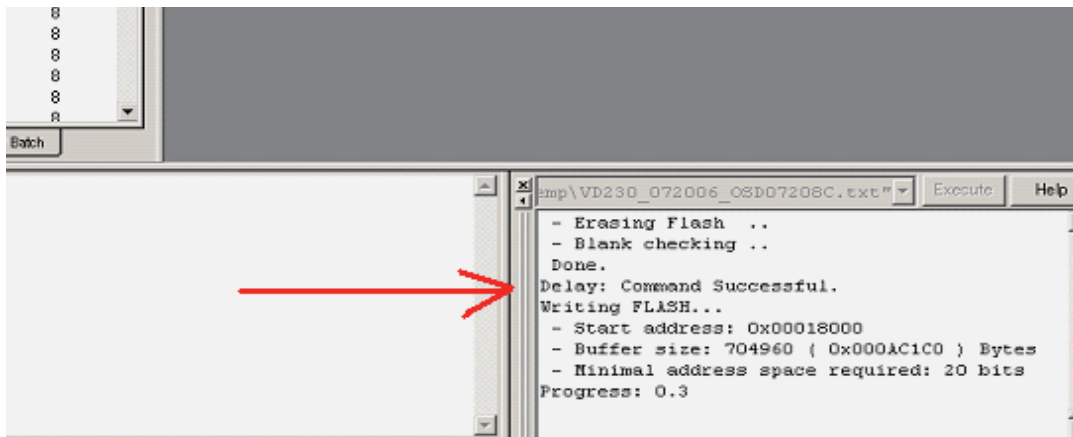
3.3.3 Choose the batch file that you should write in and click OK.

The file to choose then is text file "isp_spi_ext_64M.txt" in "Sequoia folder" which you made some time ago.

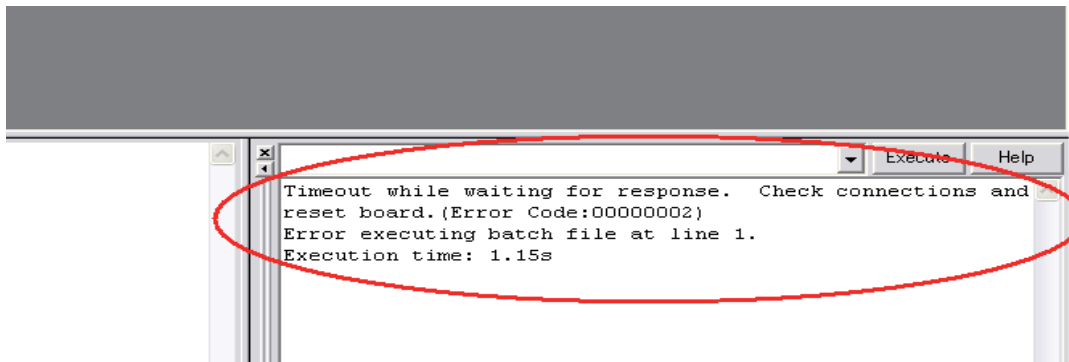


VSP Update Procedure-6

2.3.4 Writing begins when "Command Successful. Writing FLASH. . ." is displayed

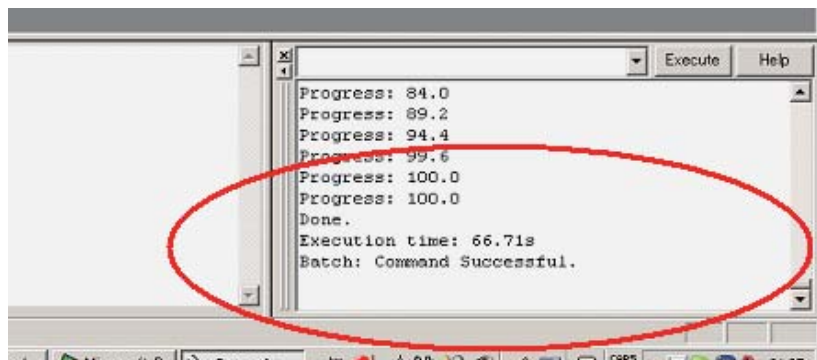


If the below message appears, the writing process has failed. Please try again.



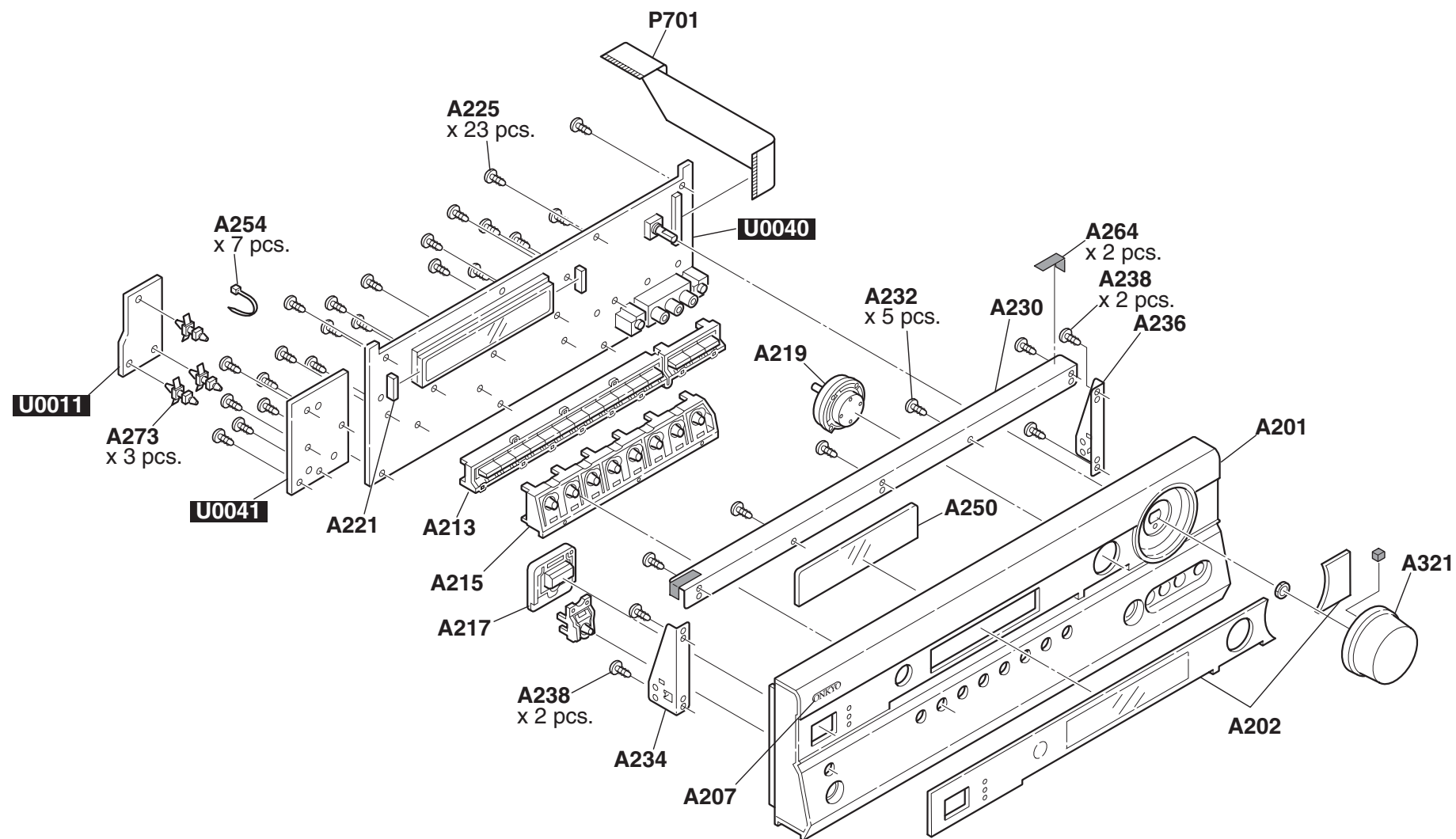
3.3.5 Batch completion (writing completion).

If the message named "Command Successful" appears as follows, the writing process is done. Please OFF/ON the power supply.



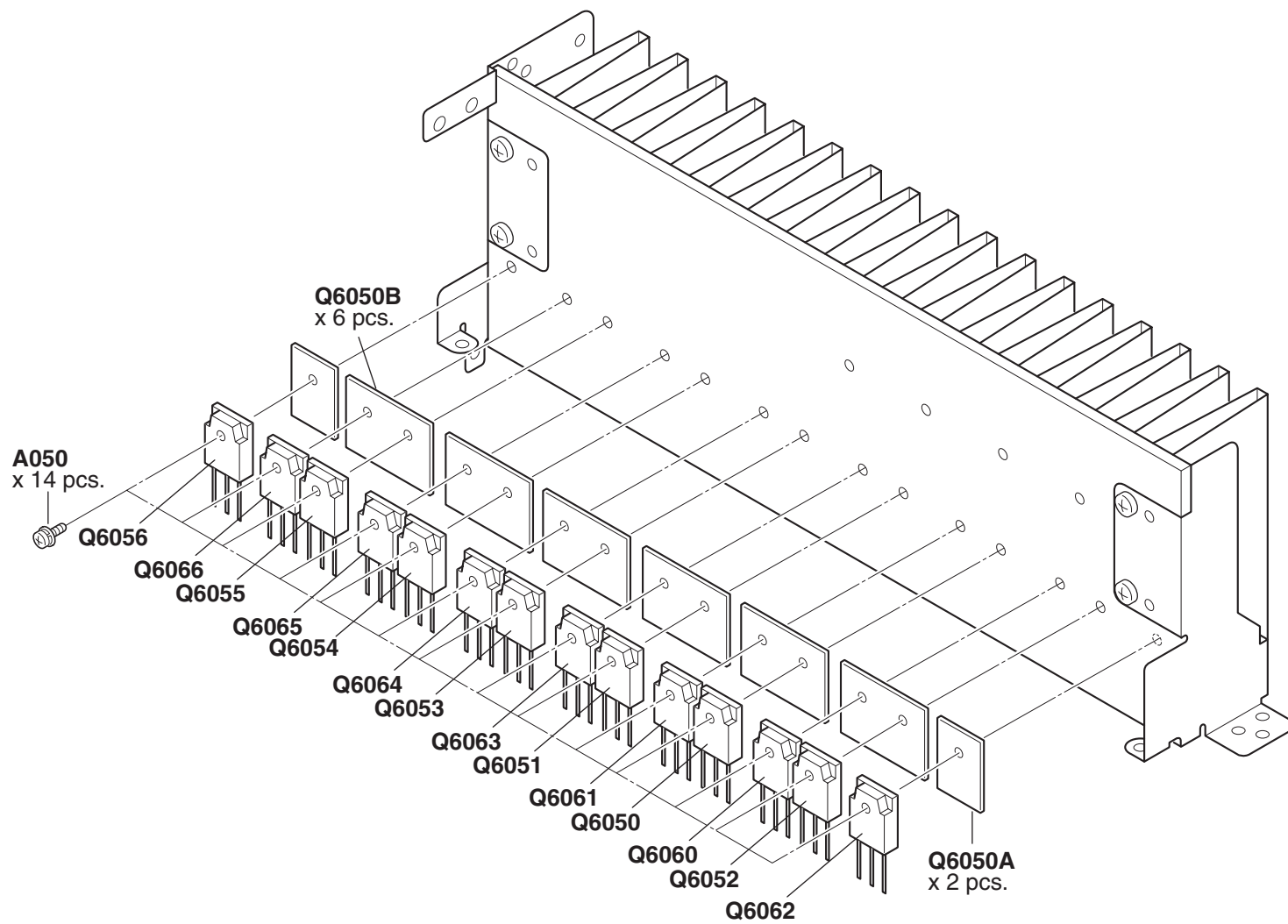
EXPLODED VIEWS-2

<Fig-1>

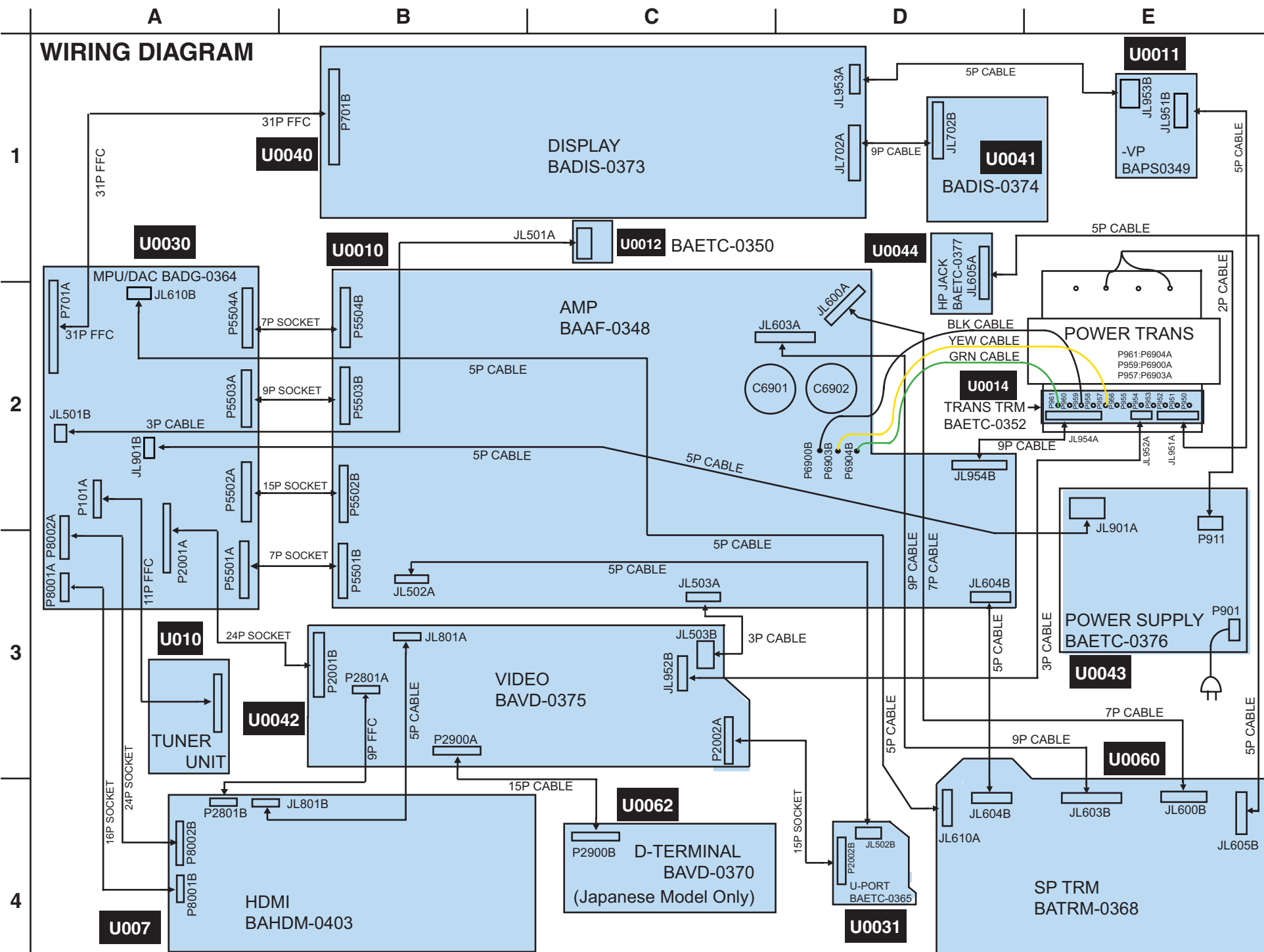


EXPLODED VIEWS-3

<Fig-2>



WIRING DIAGRAM



SCHEMATIC DIAGRAMS-1b

AUDIO BLK Section

AUDIO ANALOG SIGNAL(TV/CD)

DIGITAL AUDIO SIGNAL(OPT-1)

FRONT L

FRONT R

1

2

3

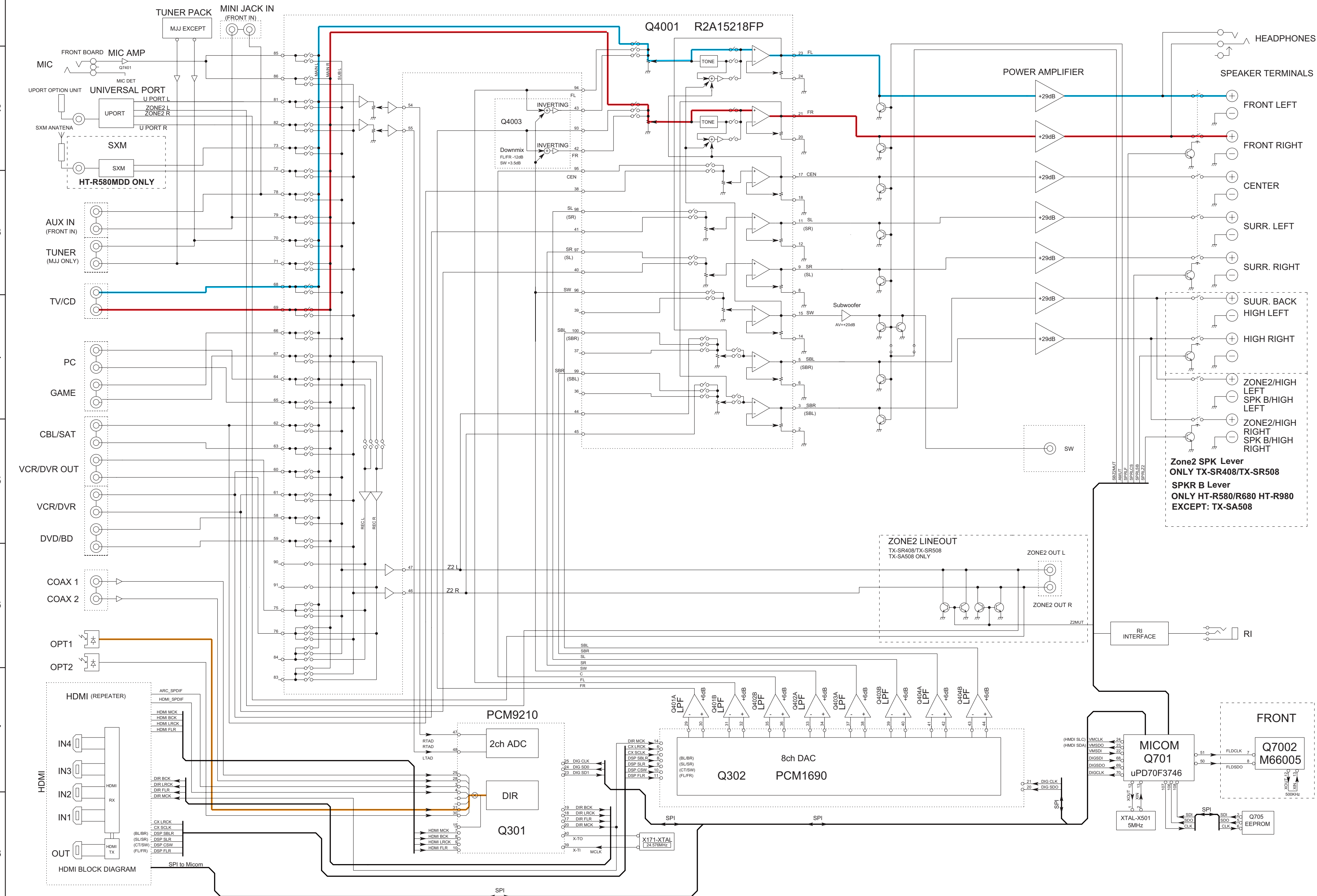
4

5

6

7

8

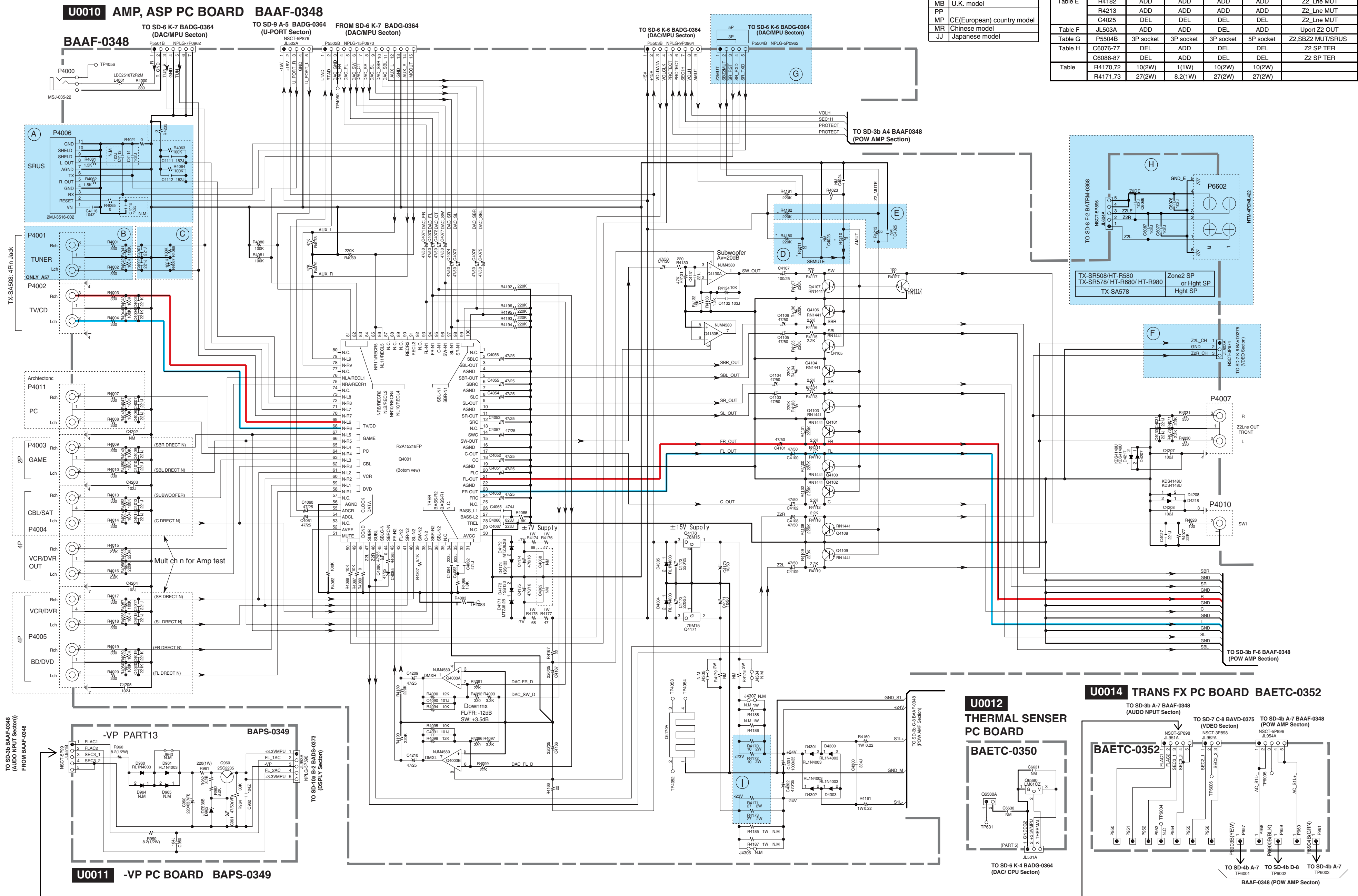


FRONT L
FRONT R



DC	Canadian model
DD	USA model
DF	Taiwanese model
MO	Saudi Arabian model
MQ	Hong kong model
PA	Australian model
PB	
MB	U.K. model
PP	
MP	CE(European) country model
MR	Chinese model
JJ	Japanese model

		HT-R880 HT-R880 HT-R880	TX-SR508 TX-SR508 TX-SR508	TX-SA578	TX-SR508 TX-SR578	
Table A		DEL	DEL	DEL	ADD	SRUS
Table B		DEL	DEL	ADD	DEL	Tuner RCA nput
Table C	R4067-68	100K	100K	DEL	100K	Tuner Pack nput
	C4001-02	152J	152J	221J	152J	
Table D	R4180	ADD	ADD	DEL	ADD	SBZ-2 MUT
	R4211	ADD	ADD	DEL	ADD	SBZ-2 MUT
	C4023	DEL	DEL	DEL	DEL	SBZ-2 MUT
	R4210	DEL	DEL	ADD	DEL	A MUT
	R4182	ADD	ADD	ADD	ADD	Z2 Lne MUT
Table E	R4213	ADD	ADD	ADD	ADD	Z2 Lne MUT
	C4025	DEL	DEL	DEL	DEL	Z2 Lne MUT
Table F	JL503A	ADD	ADD	DEL	ADD	Upport Z2 OUT
Table G	P5504B	3P socket	3P socket	3P socket	5P socket	Z2,SBZ2 MUT/SRUS
Table H	C6076-77	DEL	ADD	DEL	DEL	Z2 SP TER
	C6086-87	DEL	ADD	DEL	DEL	Z2 SP TER
Table	R4170,72	10(2W)	1(1W)	10(2W)	10(2W)	
	R4171,73	27(2W)	8.2(1W)	27(2W)	27(2W)	



SCHEMATIC DIAGRAMS-4b

POWER AMP. SECTION

AUDIO ANALOG SIGNAL(TV/CD)

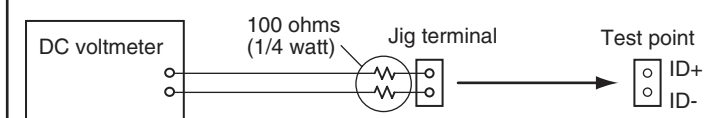
FRONT L
FRONT R

IDLING CURRENT ADJUSTMENT

- Set the voltages at "P6080/6081/6082" to 2.5mV by adjusting "R6040/6041/6042", under the condition of no input and no load, immediately after POWER ON.
- Set the voltages at "P6083/6084/6085/6086" to 1.5mV by adjusting R6043/6044/6045/6046, under the condition of no input and no load, immediately after POWER ON.
- Re-adjust by following procedure after 4-6 minutes of heat running.

	L/C/R (R604/6041/6042)	SL/SR/SBL/SBR (R6043/6044/6045/6046)
Just after power on	2.5mV (P6080/6081/6082)	1.5mV (P6083/6084/6085/6086)
4-6 minutes after power on	Below 9mV Between 9-11mV Over 11mV	Below 6mV Between 6-8mV Over 8mV

*Equip series 1/4W 100-ohm resistors near the terminal respectively in the each poles of the jig used for P6080-6086 terminals.



NOTE
DEL: Deletion
ADD: Addition

DC	Canadian model
DD	USA model
DF	Taiwanese model
MO	Saudi Arabian model
MQ	Hong kong model
PA	Australian model
PD	U.K. model
MB	U.K. model
PP	CE(European) country model
MP	Chinese model
MR	Chinese model
JJ	Japanese model

U0010 AMP, ASP PC BOARD BAAF-0348

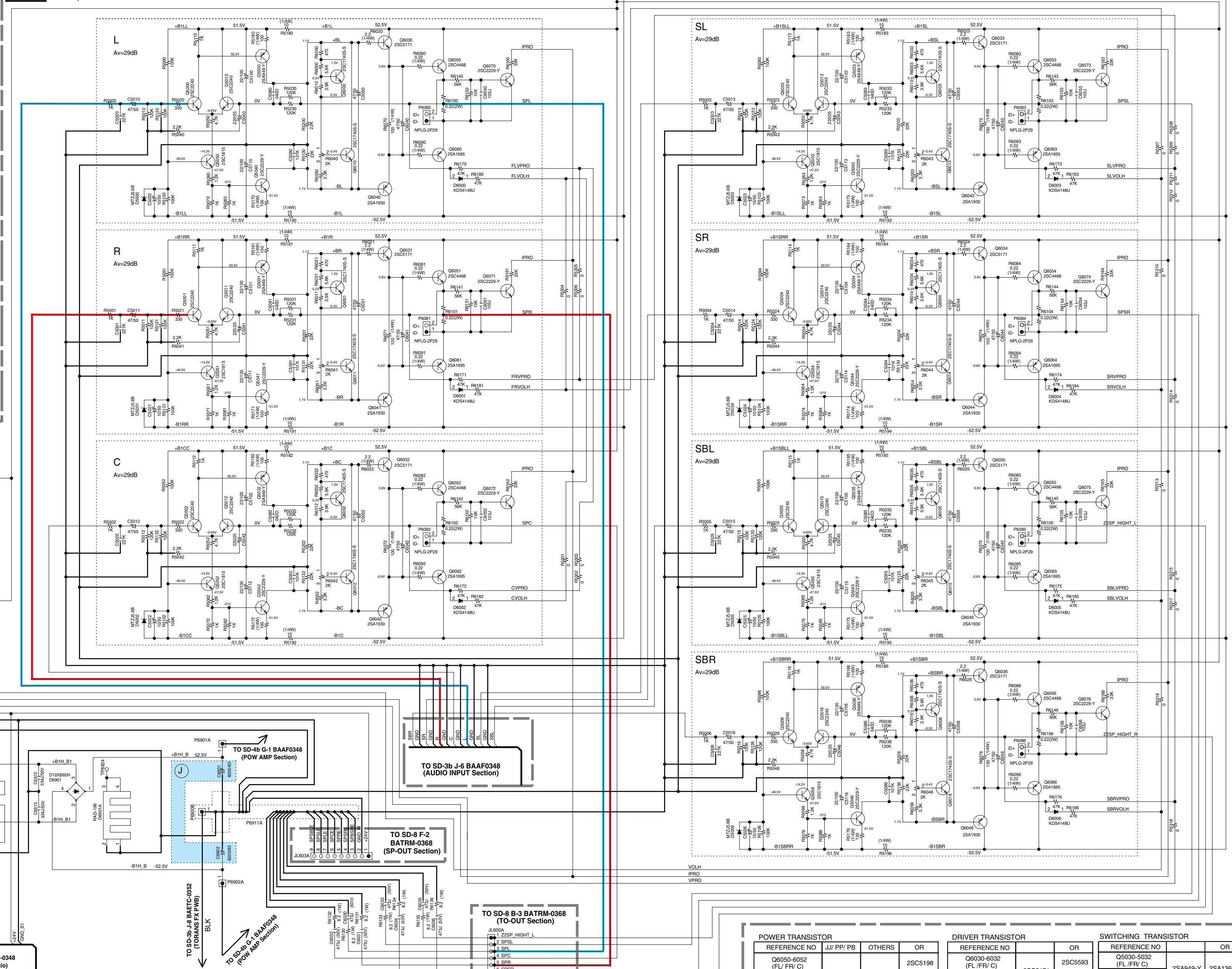
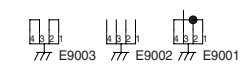


Table: J	C6901, C6902	DC/DO	DEL	ADD	DEL	ADD	Block Capacitor
		DEL	ADD	DEL	ADD	DEL	Block Capacitor

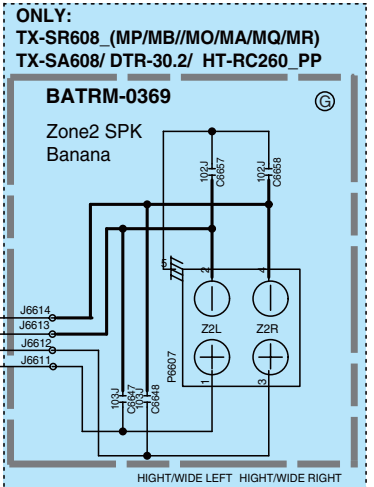
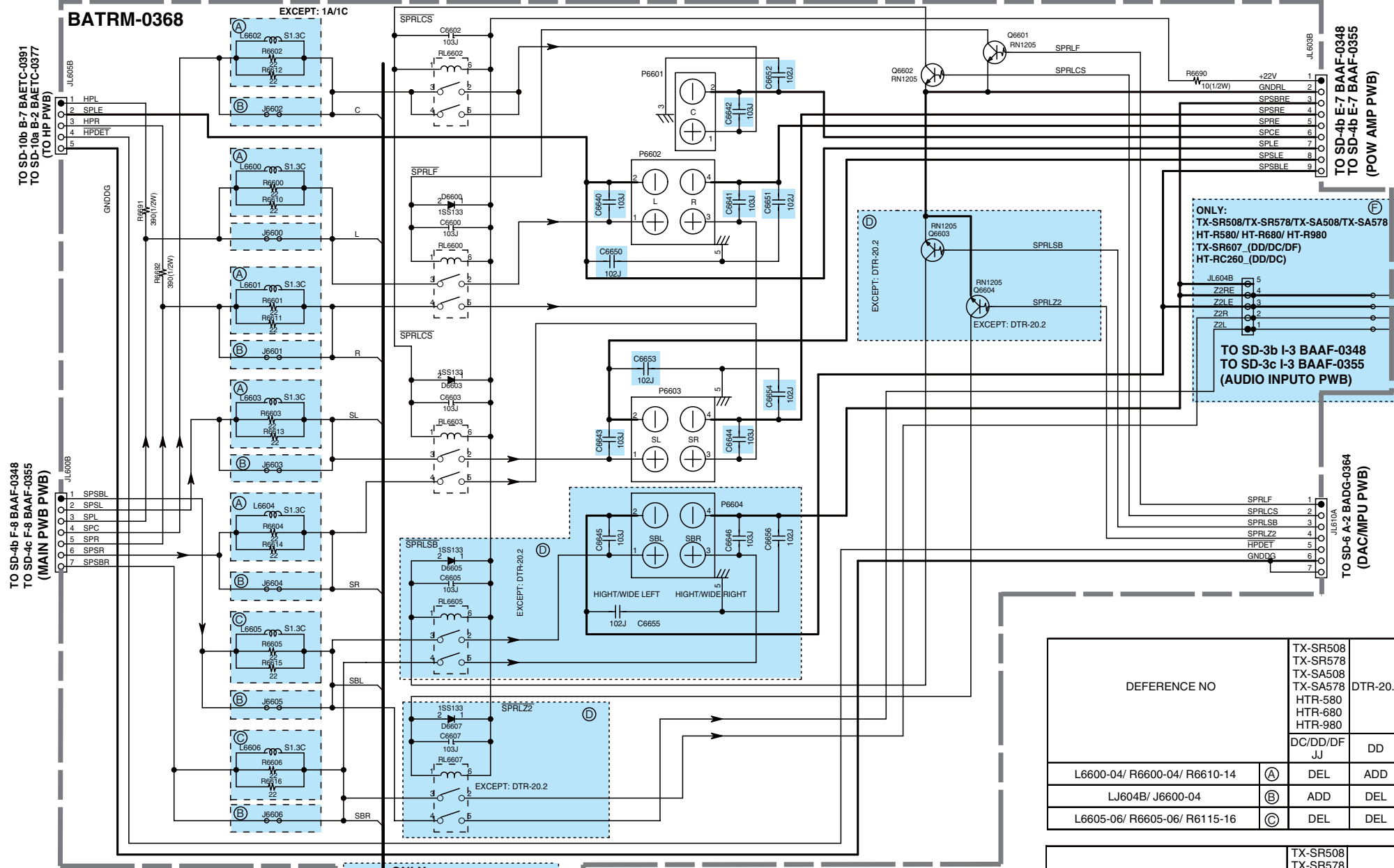
POWER TRANSISTOR				DRIVER TRANSISTOR				SWITCHING TRANSISTOR			
REFERENCE NO	JJ/PP/PB	OTHERS	OR	REFERENCE NO	JJ/PP/PB	OTHERS	OR	REFERENCE NO	JJ/PP/PB	OTHERS	OR
Q6050-6052 (FL/FR/C)			2SC5198	Q6030-6032 (FL/FR/C)			2SC5171	Q5030-5032 (FL/FR/C)			2SA949-Y
Q6053-6056 (SL/SR/SBL/SBR)	2SC5198	2SC4468	KTC5424A (2SC5198)	Q6033-6036 (SL/SR/SBL/SBR)			2SC5171	Q5033-5036 (SL/SR/SBL/SBR)			2SA1360-Y
Q6060-6062 (FL/FR/C)			2SA1941	Q6040-6042 (FL/FR/C)			2SC5171	Q5040-5042 (FL/FR/C)			2SC2229-Y
Q6063-6066 (SL/SR/SBL/SBR)	2SA1941	2SA1695	KTA1962A (2SA1941)	Q6043-6046 (SL/SR/SBL/SBR)			2SC5171	Q5043-5046 (SL/SR/SBL/SBR)			2SC3423-Y

Video Section



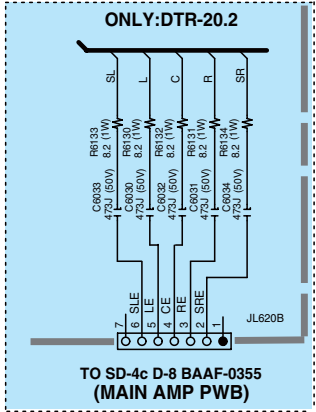
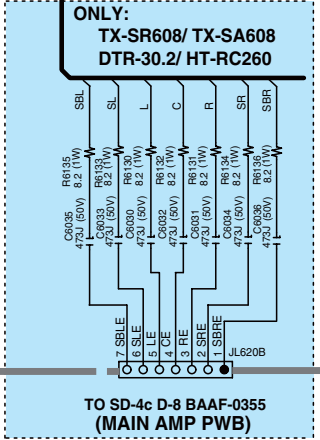
SCHEMATIC DIAGRAMS-8
SPEAKER OUTPUT SECTION

U0060 SP TERMINAL PC BOARD BATRM-0368



NOTE
DEL: Deleton
ADD: Addton

DC	Canadian model
DD	USA model
DF	Taiwanese model
MO	Saudi Arabian model
MQ	Hong kong model
PA	Australian model
PB	
MB	U.K. model
PP	
MP	CE(European) country model
MR	Chinese model
JJ	Japanese model



DEFERENCE NO	TX-SR508 TX-SR578 TX-SA508 TX-SA578 HTR-580 HTR-680 HTR-980	DTR-20.2	OTHER
L6600-04/ R6600-04/ R6610-14	(A)	DEL	ADD
LJ604B/ J6600-04	(B)	ADD	DEL
L6605-06/ R6605-06/ R6115-16	(C)	DEL	ADD

DEFERENCE NO	TX-SR508 TX-SR578 TX-SA508 TX-SA578 HTR-580 HTR-680 HTR-980	DTR-20.2	OTHER
JL620B/ C6030-36/ R6103-36	(E)	DEL	ADD
JL620B/ C6030-34/ R6103-34	(H)	DEL	ADD

DEFERENCE NO	TX-SR508 TX-SR578 TX-SA508 TX-SA578 HTR-580 HTR-680 HTR-980	TX-SR608 HT-RC260	DTR-20.2	OTHER
JL604B	(F)	ADD	ADD	DEL
P6607/ J6611-14B C6647/ C6648/ C6657/ C6658	(G)	DEL	DEL	ADD

DEFERENCE NO	DT-R20.2	OTHER
Q6603 Q6604 RL6605/ C6605/ D6605/ P6604 C6645/ C6646/ C6655/ C6656 RL6607/ C6607/ D6607	(D)	DEL

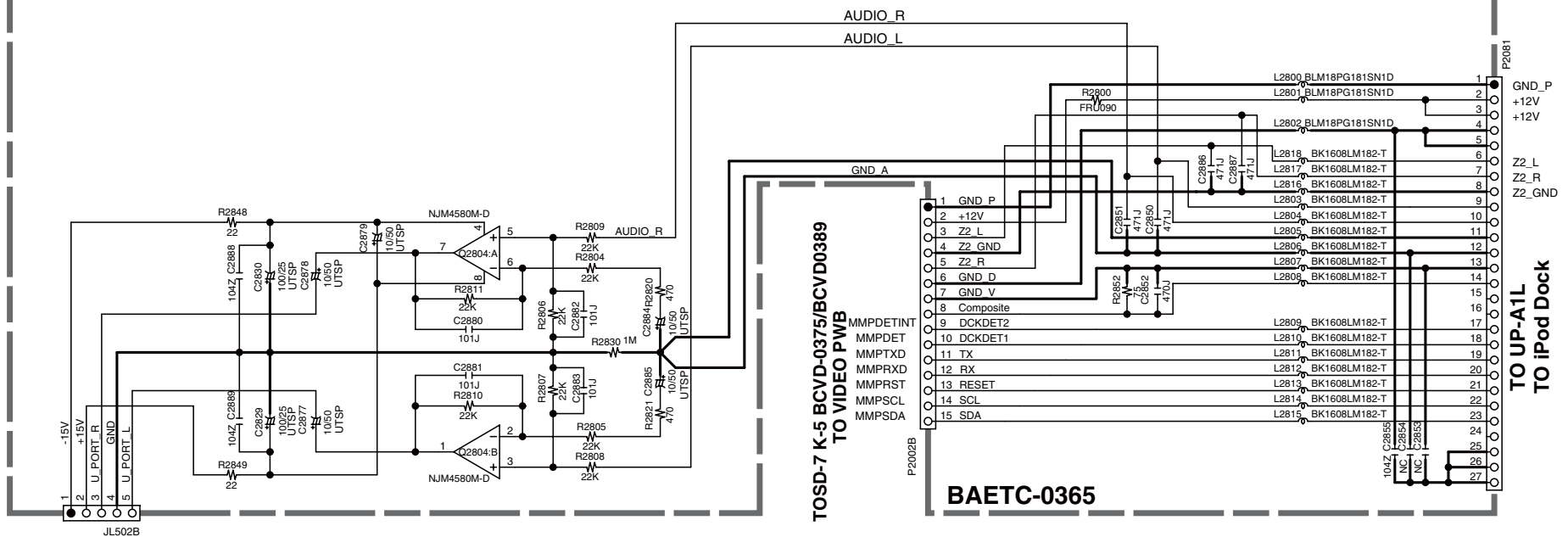
DEFERENCE NO	TX-SR508 TX-SR578 TX-SR608 DTR-30.2 HT-RC260 HTR-680 HTR-980	OTHER
C6640-44/ C6650-54	ADD	DEL

U0061 Z2 SP TERMINAL (Banana) PC BOARD
BATRM-0369

SCHEMATIC DIAGRAMS-9

U. Port Unit Section

U0031 U. PORT PC BOARD BAETC-0365



TO SD-3a C-2 BAAF-0341
 TO SD-3b C-2 BCAF-0348
 TO SD-3c C-2 BCAF-0355
 TO Audio Input PWB

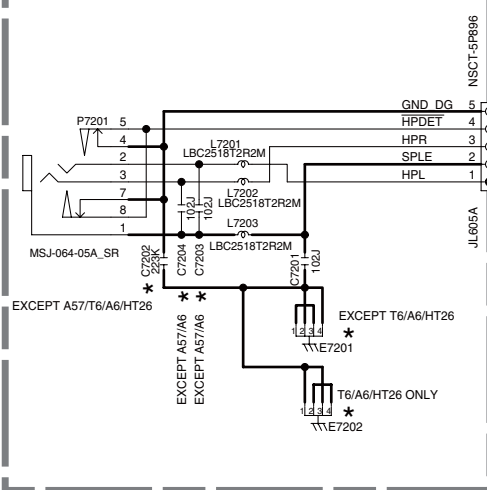
SCHEMATIC DIAGRAMS-10a

Display Section

1

U0044 HP PC BOARD BAETC-0377

BAETC-0377



TO SD-8 B-1 BAPM-0368
FROM SP-OUT PWB

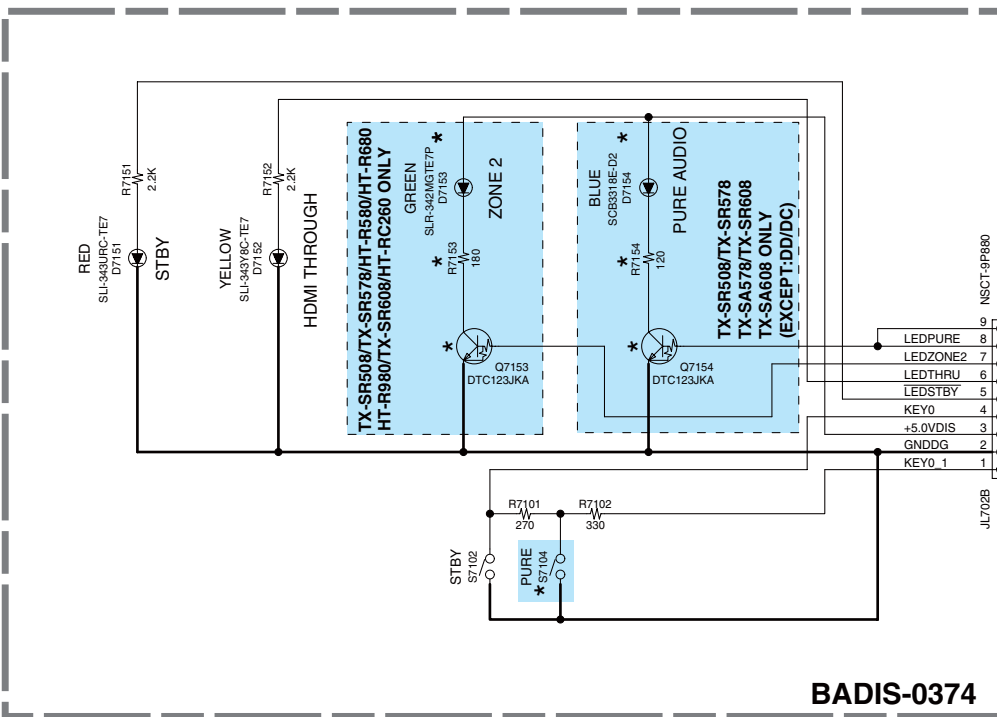
TO SD-4a K-4 BAAF-0341
FROM AMP PWB

NOTE
DEL: Deletion
ADD: Addition

DC	Canadian model
DD	USA model
DF	Taiwanese model
MO	Saudi Arabian model
MQ	Hong kong model
PA	Australian model
PB	U.K. model
PP	CE(European) country model
MR	Chinese model
JU	Japanese model

4

U0041 KEY SWITCH PC BOARD BADIS-0374



BADIS-0374

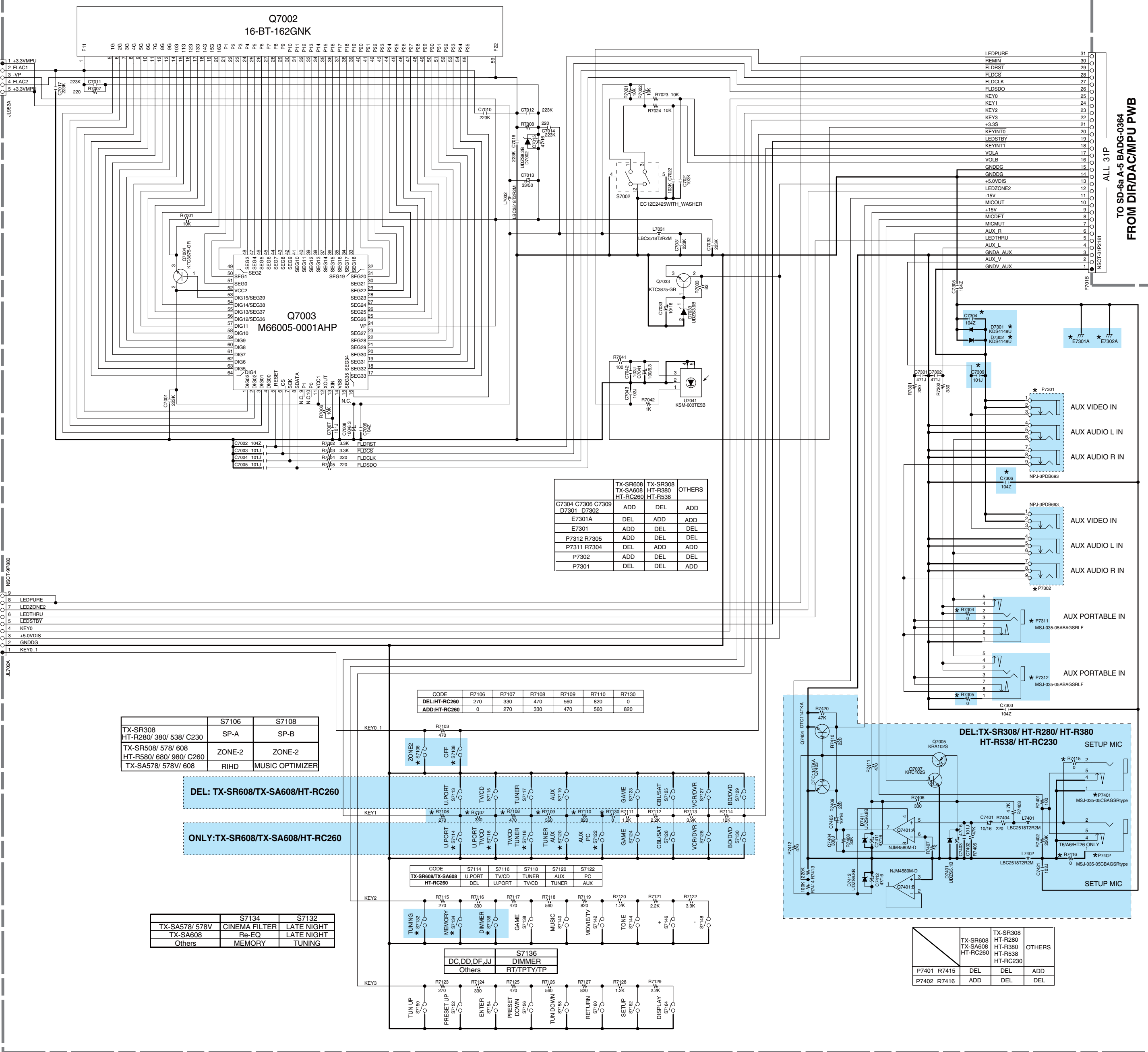
CODE	S7104
HT-R880	THX
TX-SR308/HT-R280/HT-R380/HT-R538 HT-R580/HT-R680/C230	MUSIC OPTIMIZER
TX-SR508/HT-R578 (DC,DD)	PURE AUDIO
TX-SR508/HT-R578/HT-R580/HT-R538 (EXCEPT DC,DD)	DEL
TX-SA578/HT-SA608	
TX-SR608/HT-RC260 (DC,DD)	

7

8

U0040 DISPLAY PC BOARD BADIS-0373

BADIS-0373



TX-SR308 HT-R280/380/538/C230	S7106	S7108
	SP-A	SP-B
TX-SR508/578/608 HT-R580/680/980/C260	ZONE-2	ZONE-2
TX-SA578/578V/608	RIHD	MUSIC OPTIMIZER

DEL: TX-SR608/TX-SA608/HT-RC260

ONLY: TX-SR608/TX-SA608/HT-RC260

TX-SA578/578V TX-SA608	S7134	S7132
Others	CINEMA FILTER Re-EO	LATE NIGHT TUNING

CODE	R7106	R7107	R7108	R7109	R7110	R7130
DEL:HT-RC260	270	330	470	560	820	0
ADD:HT-RC260	0	270	330	470	560	820

	TX-SR608 TX-SA608 HT-RC260	TX-SR308 HT-R380 HT-R538	OTHERS
C7304 C7306 C7309	ADD	DEL	ADD
D7301 D7302	ADD	DEL	ADD
E7301A	DEL	ADD	ADD
E7301	ADD	DEL	DEL
P7312 R7305	ADD	DEL	DEL
P7311 R7304	DEL	ADD	ADD
P7302	ADD	DEL	DEL
P7301	DEL	DEL	ADD

	TX-SR608 TX-SA608 HT-RC260	TX-SR308 HT-R380 HT-R538 HT-RC230	OTHERS
P7401 R7415	DEL	DEL	ADD
P7402 R7416	ADD	DEL	DEL

SCHEMATIC DIAGRAMS-11

Power Supply Section

U0043 POWER SUPPLY PC BOARD BAETC-0376/ BAETC-0390

- ・印は火災、感電の危険に関与する部品の為、必ず指定部品を使用の事。
 ・電圧表示は無信号時に測定した直流電圧を示す。
 (単位V、入力抵抗100KΩ/V以上の電圧計)
 ・記入なきコンデンサの単位はμF/50Vである。
 例 030→3pF 330→33pF 331→330pF 333→0.033μF
 ・本配線図は基本配線図につき性能改善等により予告なく変更する事がある。

- * THE COMPONENTS IDENTIFIED BY MARK  ARE CRITICAL FOR SAFETY.
 REPLACE ONLY WITH PART NUMBER SPECIFIED.
 * VOLTAGE (MEASURED WITH VOLT METER) IS DC VOLTAGE. (NO INPUT SIGNAL)
 * ELECTROLYTIC CAPACITORS () ARE IN μF/VV.
 * ALL CAPACITORS ARE IN pF/50V UNLESS OTHERWISE NOTED.
 EX) 030→3pF 330→33pF 331→330pF 333→0.033μF
 * CIRCUIT IS SUBJECT TO CHANGE FOR IMPROVEMENT.

CAUTION



FOR CONTINUED PROTECTION
 AGAINST FIRE HAZARD, REPLACE
 ONLY WITH FUSE OF SAME TYPE
 AND RATING INDICATED.

ATTENTION



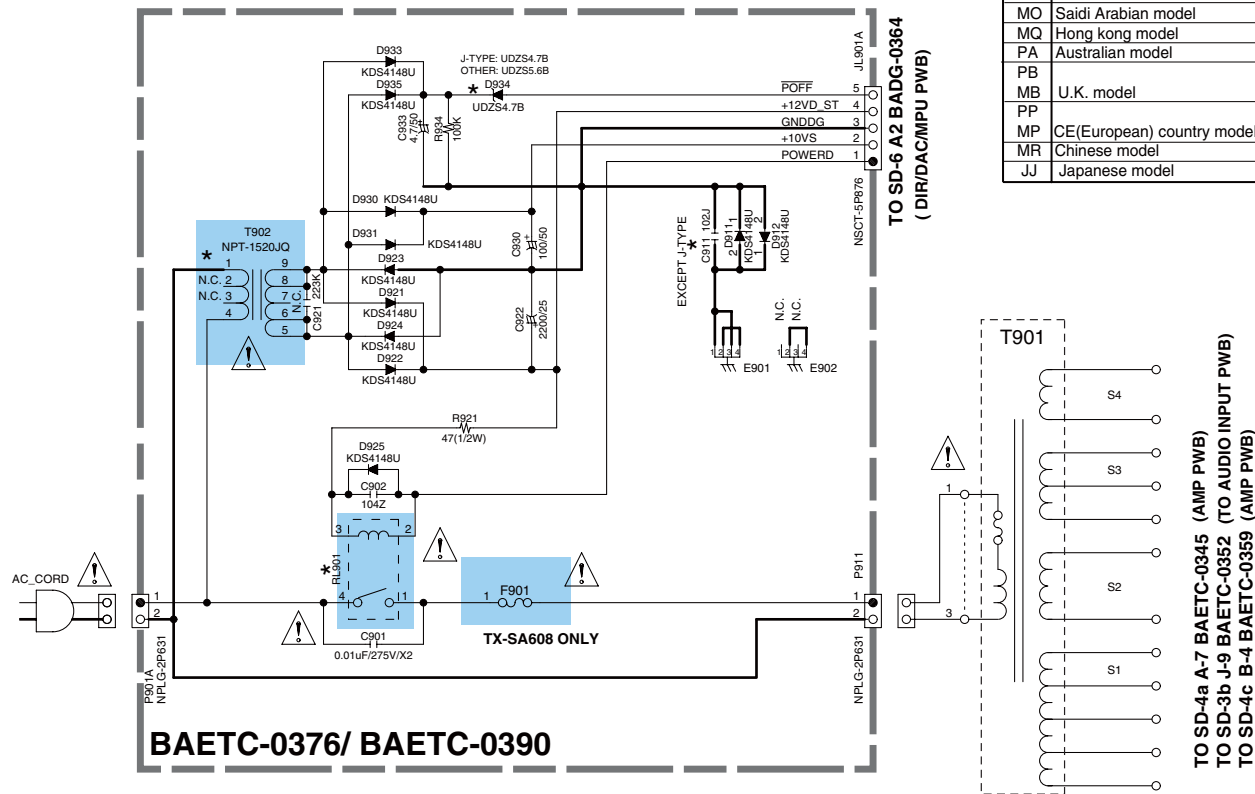
AFIN D'ASSURER UNE PROTECTION
 PERMANENTE CONTRE LES RISQUES
 D'INCENDIE, REMPLACER UNIQUEMENT
 PAR UN FUSIBLE DE MEME TYPE
 ET CALIBRATION COMME INDIQUE.



THIS SYMBOL LOCATED NEAR THE FUSE INDICATES
 THAT THE FUSE USED IS SLOW OPERATING TYPE
 FOR CONTINUED PROTECTION AGAINST FIRE FUSE
 HAZARD, REPLACE WITH SAME TYPE FUSE. FOR FUSE
 RATING REFER TO THE MAKING ADJACENT TO THE SYMBOL.



CE SYMBOLE INDIQUE QUE LE FUSIBLE UTILISE EST
 A LENT, E POUR UNE PROTECTION PERMANENTE. UTILISER
 QUE DES FUSIBLES DE MEME TYPE. CE DERNIER EST
 INDIQUE LA QU LE PRESENT SYMBOL EST APPOSE.



<NOTE>

DC	Canadian model
DD	USA model
DF	Taiwanese model
MO	Saudi Arabian model
MQ	Hong kong model
PA	Australian model
PB	
MB	U.K. model
PP	
MP	CE(European) country model
MR	Chinese model
JJ	Japanese model

TO SD-4a A-7 BAETC-0345 (AMP PWB)
 TO SD-3b J-9 BAETC-0352 (TO AUDIO INPUT PWB)
 TO SD-4c B-4 BAETC-0359 (AMP PWB)

<T902>

TYPE	TX-SR308/HT-R380 TX-SR508/HT-R580 TX-SR578/TX-SR608 DTR-30.2	HT-R280/HT-R680 HT-R980/HT-RC230 HT-RC260/DTR20.2	HT-R538	TXSA578 TX-SA608
DC/ DD/ DF	NPT-1520JQ	NPT-1520JQ	---	---
MO/ MQ/ MR/ PA/ PP/ PB	NPT-1520GQ	---	NPT-1520GQ	---
JJ	---	---	---	NPT-1520JQ

<F901>

TYPE	8A 125V	8A 125V	---	---
DC/ DD/ DF	8A 125V	8A 125V	---	---
MO/ MQ/ MR/ PA/ PP/ PB	T4A L250V	---	T4A L250V	---
JJ	---	---	---	10A 125V

<RL901>

TYPE	NRL-1P5A	NRL-1P5A	---	---
DC/ DD/ DF	NRL-1P5A	NRL-1P5A	---	---
MO/ MQ/ MR/ PA/ PP/ PB	NRL-1P5A	---	NRL-1P5A	---
JJ	---	---	---	NRL-1P10A

<T901>

TYPE	DD/ DC/ DF	PA/ PP/ PB	MO/ MQ/ MR	JJ
TX-SR308 HT-R280 HT-R380 HT-R538 HT-RC230	NPT-1589D	NPT-1589P	NPT-1589M	---
TX-SR508 TX-SR578 TX-SA578 HT-R580 HT-R680 HT-R980	NPT-1594D	NPT-1594P	NPT-1594M	NPT-1594J
TX-SR608 HT-RC260 DTR-20.2 DTR-30.2	NPT-1592D	NPT-1592M	NPT-1592M	NPT-1592J

SCHEMATIC DIAGRAMS-15

HDMI RX_TX SECTION

1

2

3

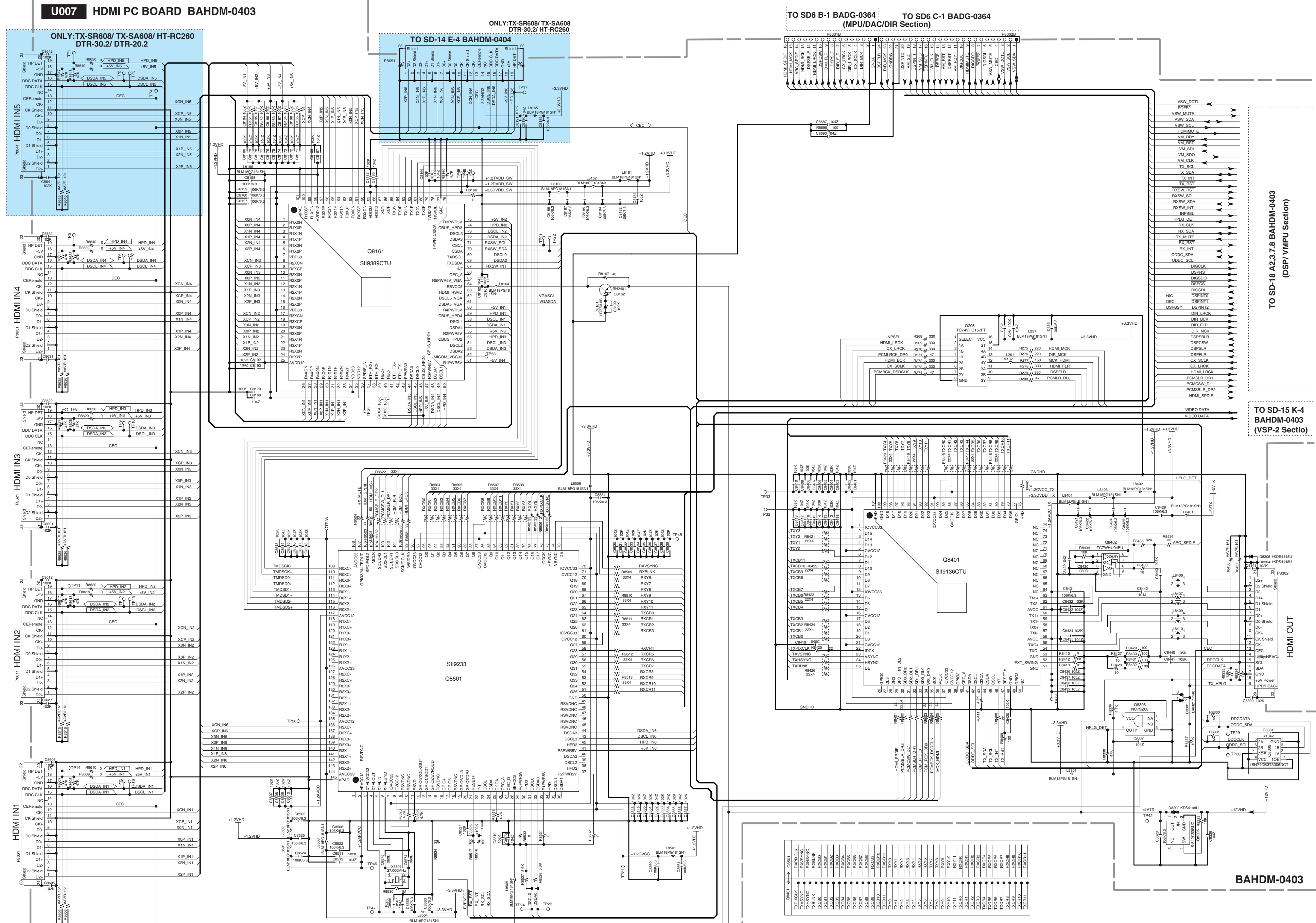
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5

6

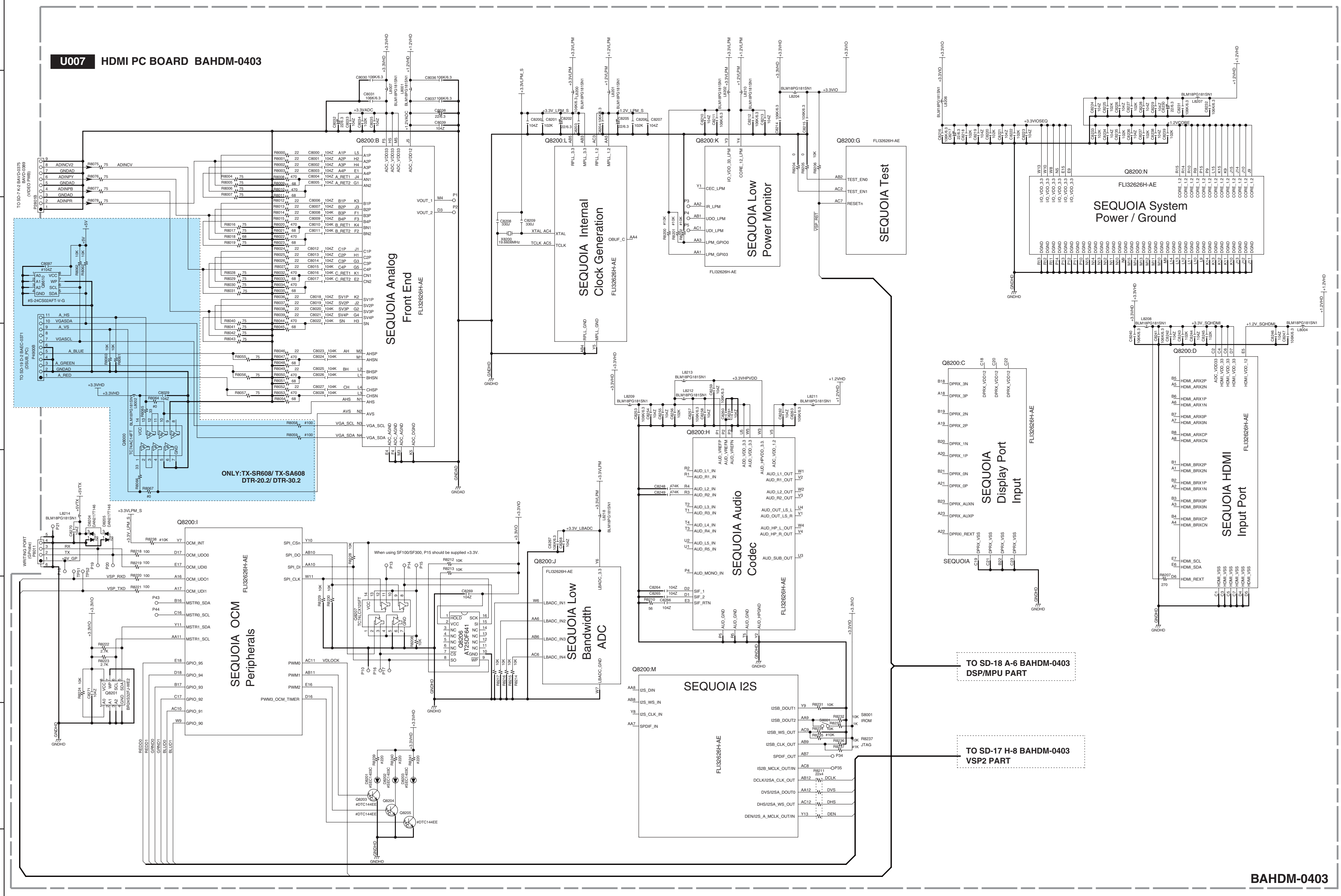
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8



SCHEMATIC DIAGRAMS-16

HDMI VSP-1 SECTION





A B C D E F G H

PRINTED CIRCUIT BOARD VIEWS-1_1
AMPLIFIER SECTION

U0010 BAAF-0348 (AMPLIFIER PC BOARD)
A-side(Component side)

U0011 BAPS-0349 (FL TUBE -VP PC BOARD)
A-side(Component side)

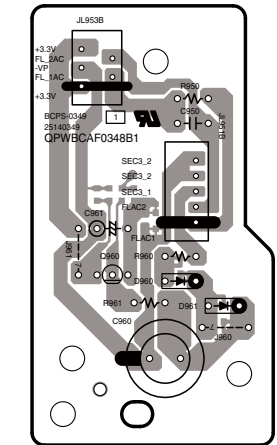
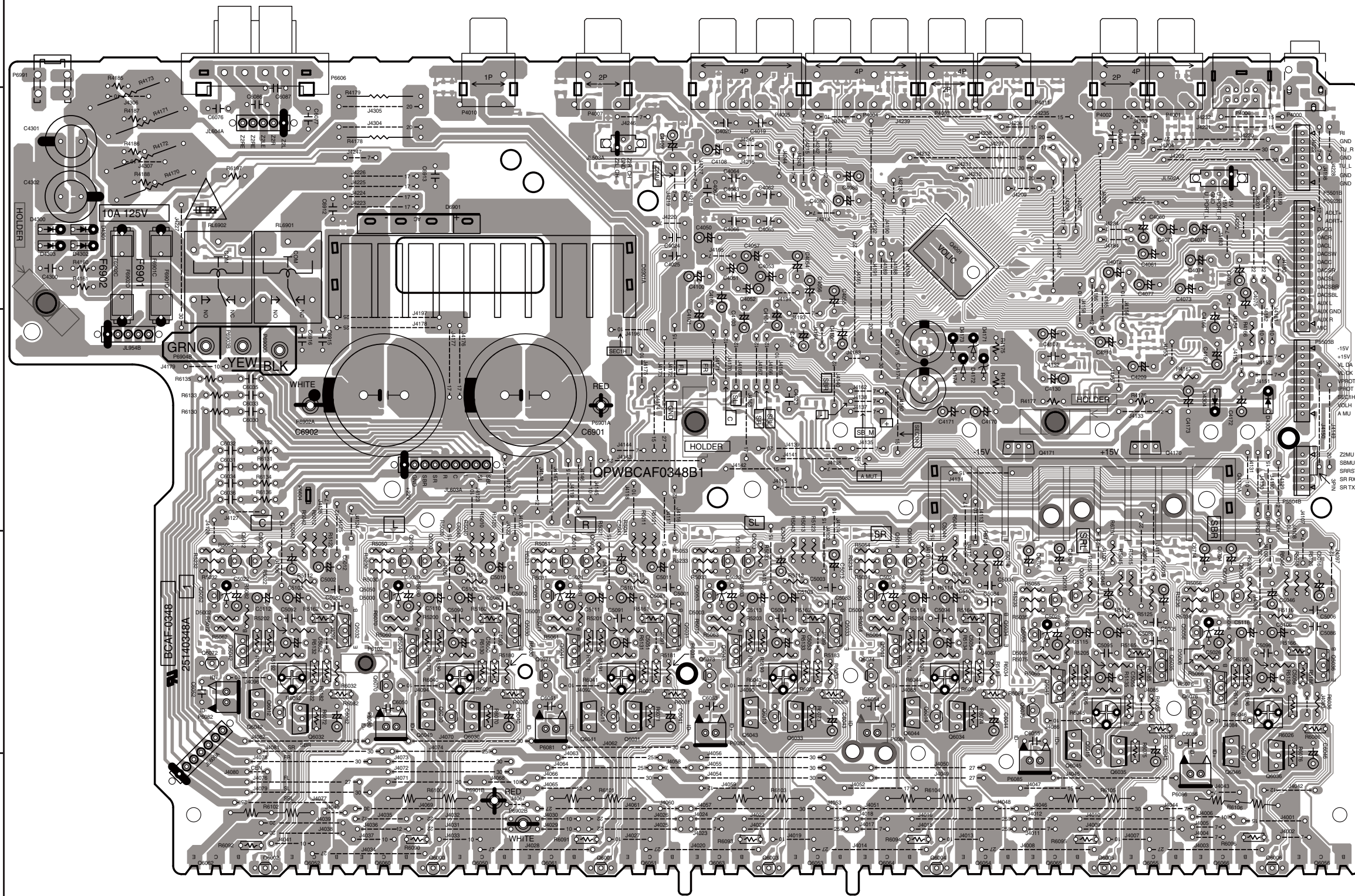
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2

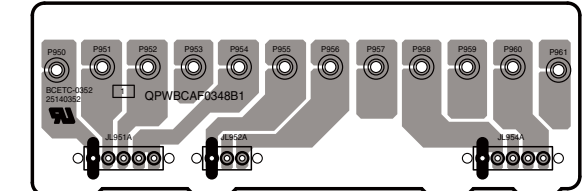
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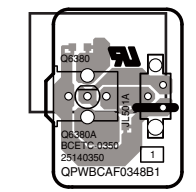
5



U0014 BAETC-0352 (TRANS TRM PC BOARD)
A-side(Component side)



U0012 BAETC-0350 (THERMAL SEN PC BOARD)
A-side(Component side)



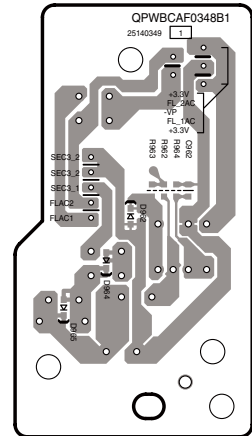
A B C D E F G H

PRINTED CIRCUIT BOARD VIEWS-1_2
AMPLIFIER SECTION

1

U0011

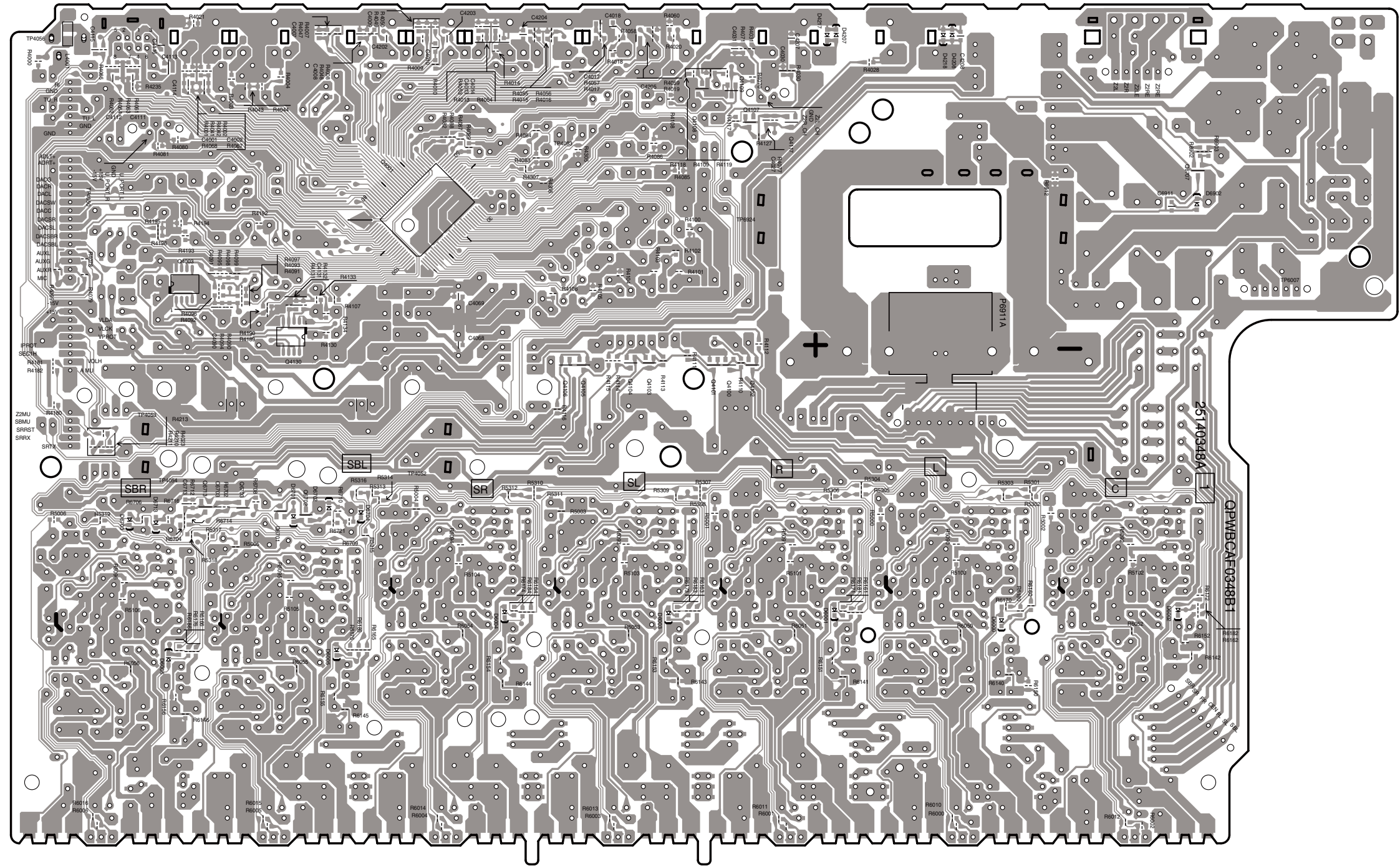
BAPS-0349 (FL TUBE -VP PC BOARD)
B-side(Soldering side)



2

U0010

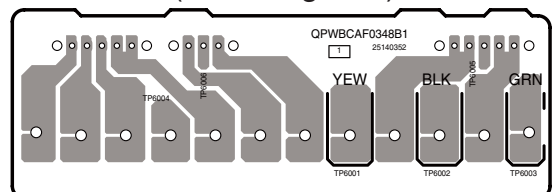
BAAF-0348 (AMPLIFIER PC BOARD)
B-side(Soldering side)



3

U0014

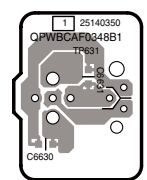
BAETC-0352 (TRANS TRM PC BOARD)
B-side(Soldering side)



4

U0012

BAETC-0350(THERMAL SEN PC BOARD)
B-side(Soldering side)

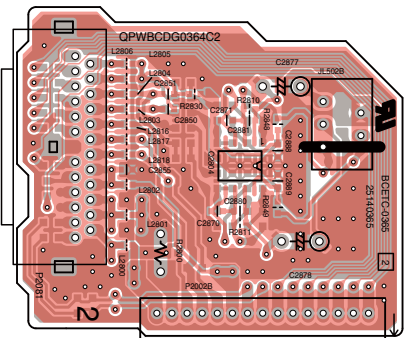


5

PRINTED CIRCUIT BOARD VIEWS-3
DAC/ MPU SECTION

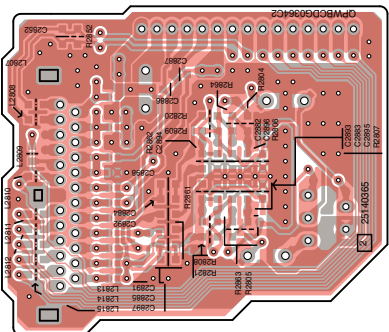
U0031

BAETC-0365 (U-PORT PC BOARD)
A-side(Component side)



U0031

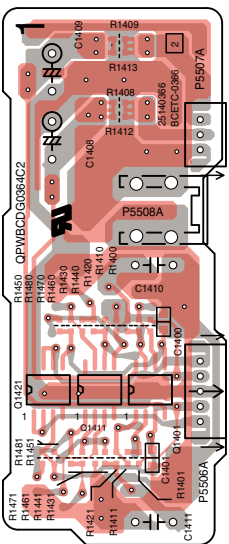
BAETC-0365 (U-PORT PC BOARD)
B-side(Soldering side)



U0032

Japanese Model Only

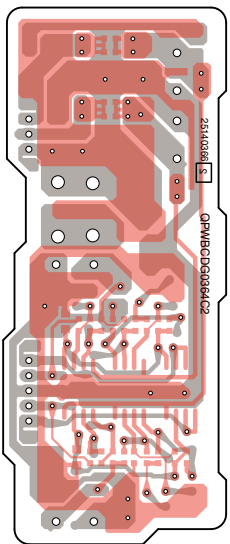
BAETC-0366 (VLSC PC BOARD)
A-side(Component side)



U0032

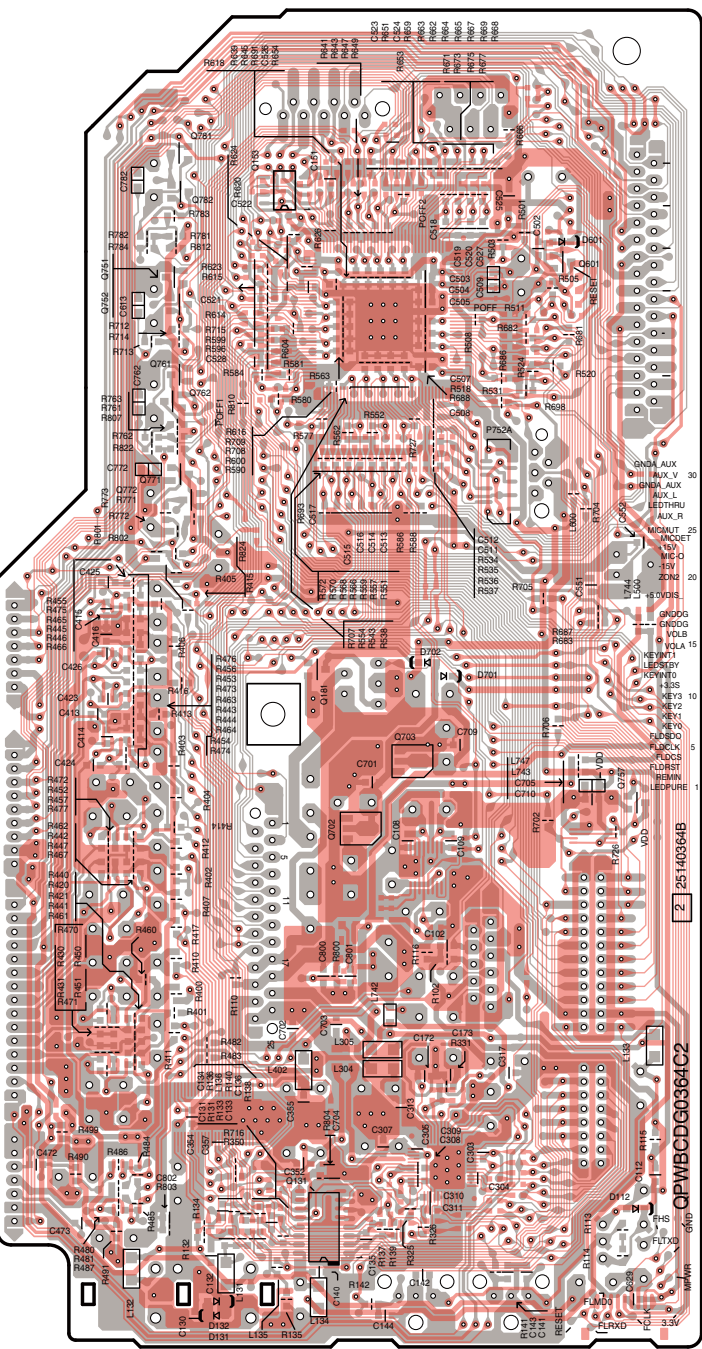
Japanese Model Only

BAETC-0366 (VLSC PC BOARD)
B-side(Soldering side)



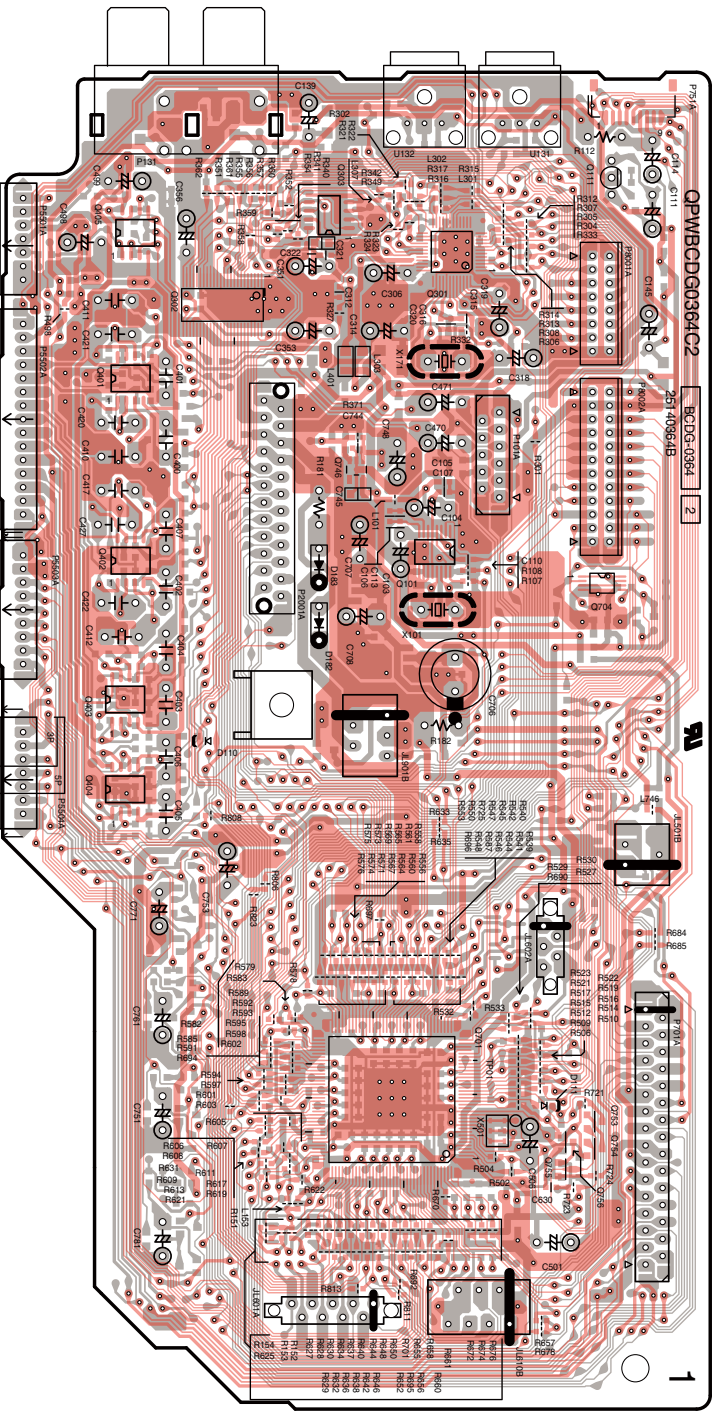
U0030

BADG-0364 (MPU/DAC PC BOARD)
B-side(Soldering side)



U0030

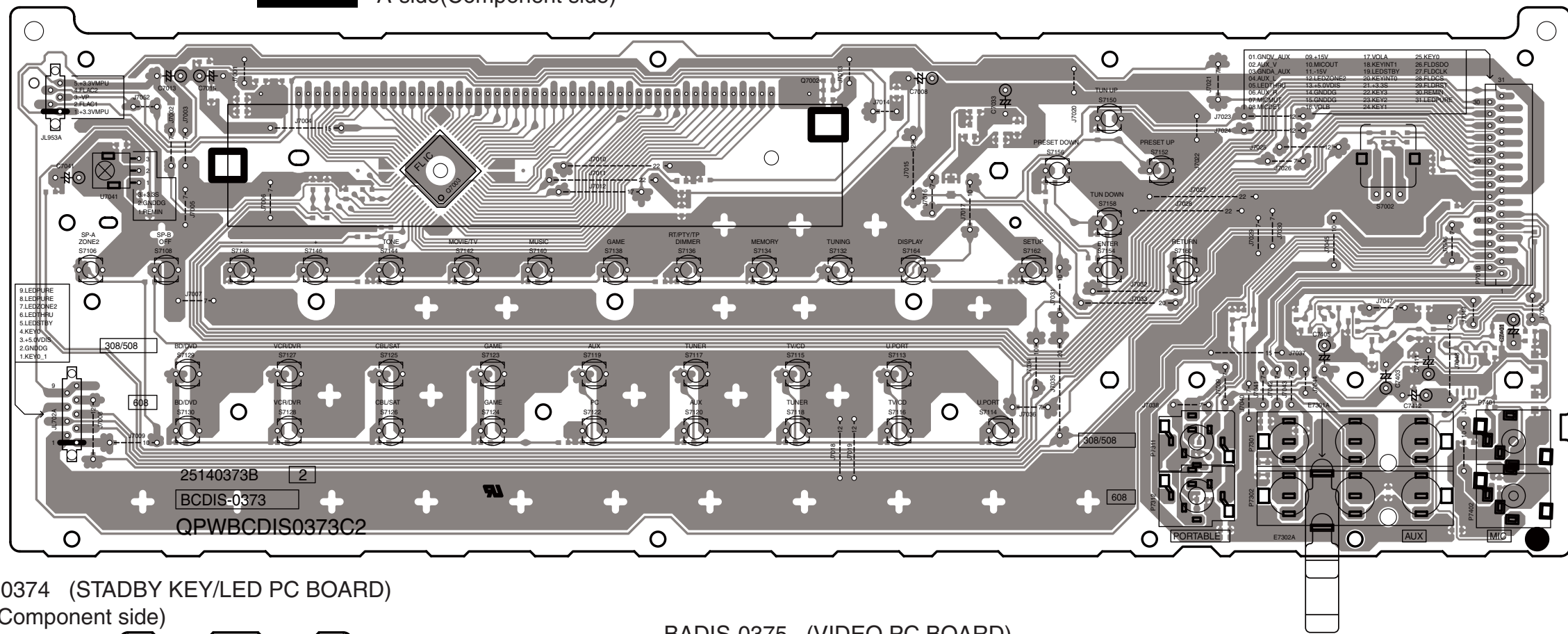
BADG-0364 (MPU/DAC PC BOARD)
A-side(Component side)



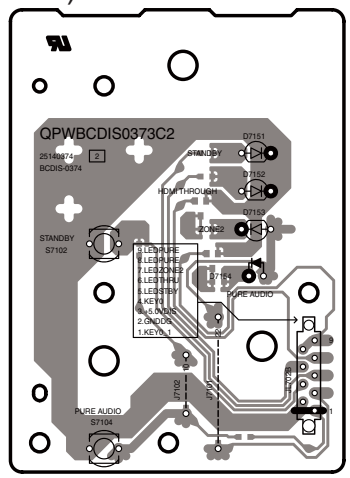
A B C D E F G H

PRINTED CIRCUIT BOARD VIEW-4_1
DISPLAY SECTION

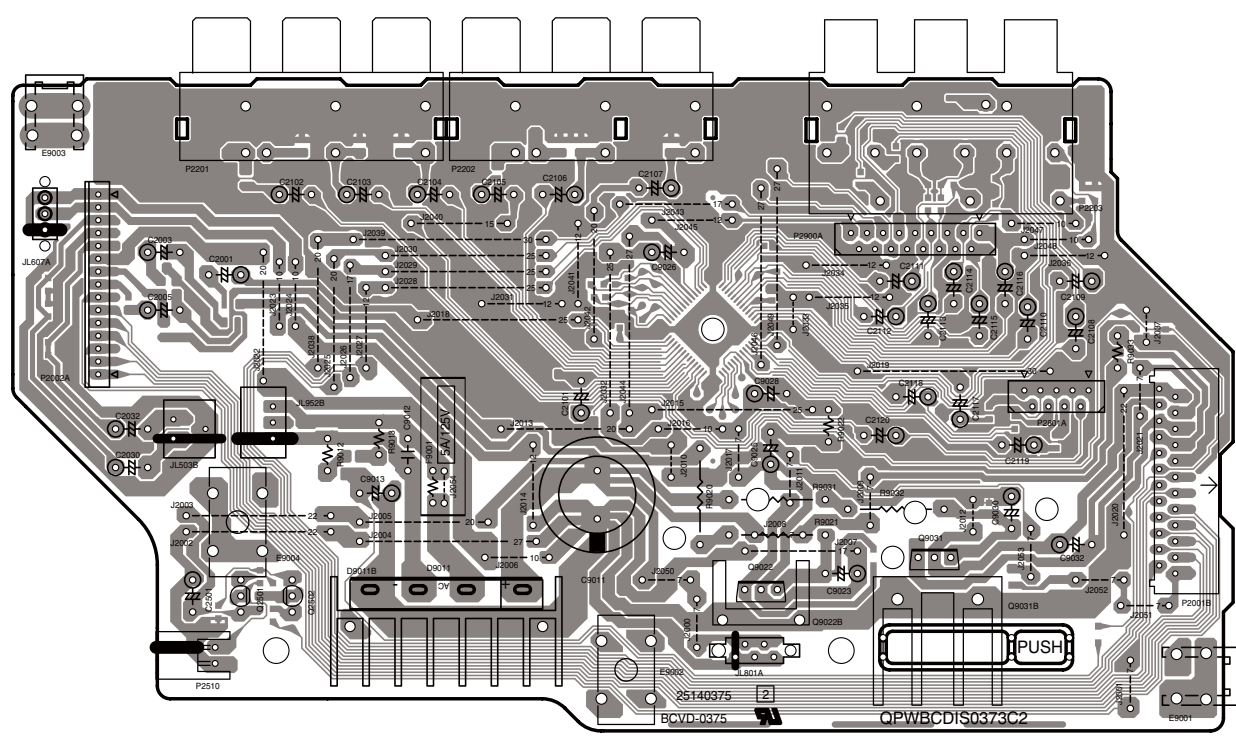
U0040 BADIS-0373 (DISPLAY PC BOARD)
A-side(Component side)



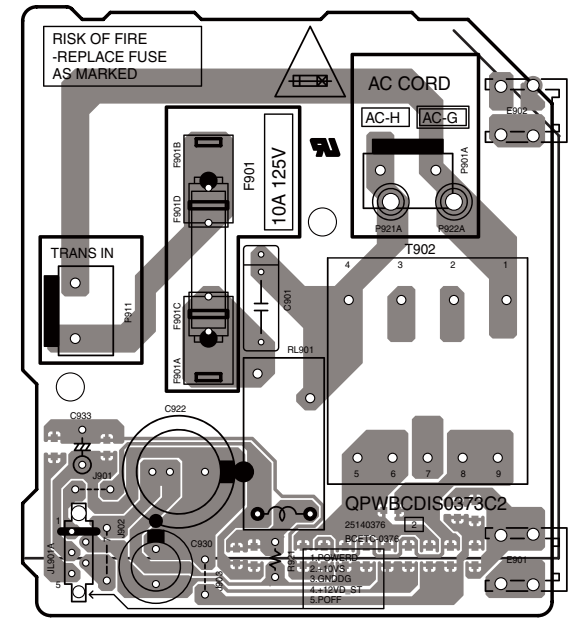
U0041 BADIS-0374 (STADBY KEY/LED PC BOARD)
A-side(Component side)



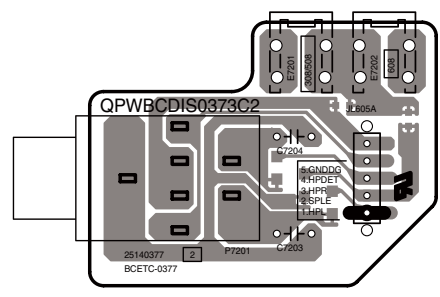
U0042 BADIS-0375 (VIDEO PC BOARD)
A-side(Component side)



U0043 BAETC-0376 (POW SUPPLY PC BOARD)
A-side(Component side)



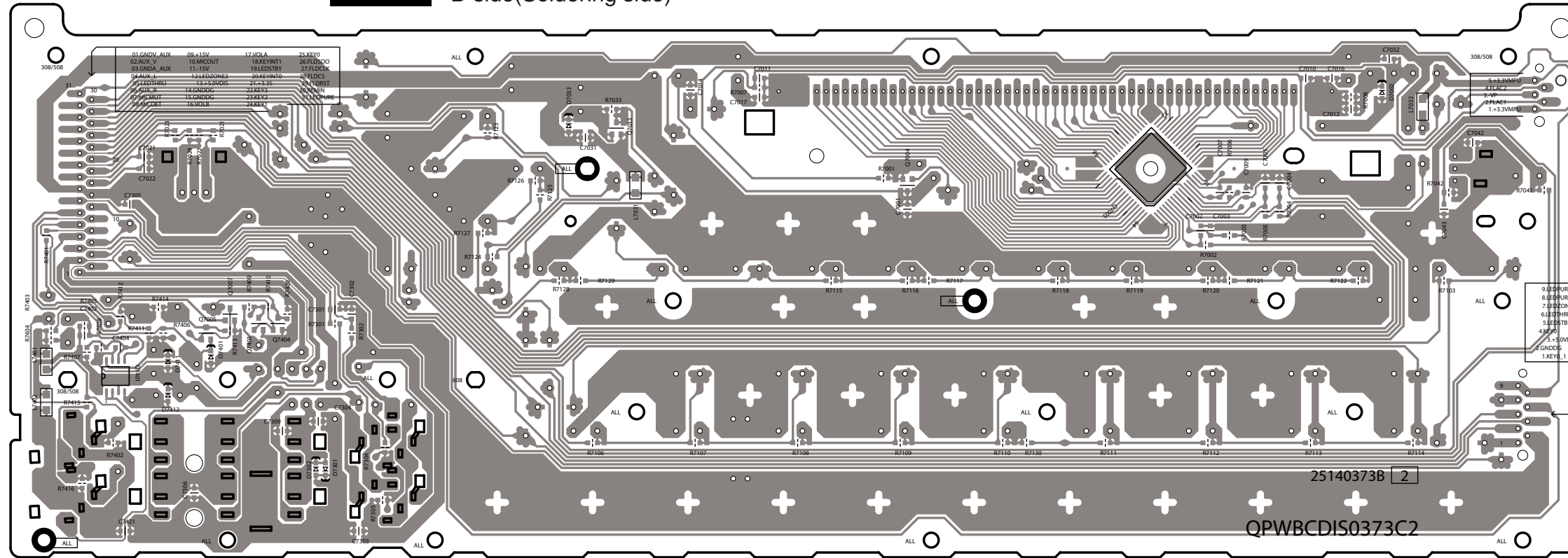
U0044 BAETC-0377 (HP JACK PC BOARD)
A-side(Component side)



PRINTED CIRCUIT BOARD VIEWS-4_2 DISPLAY SECTION

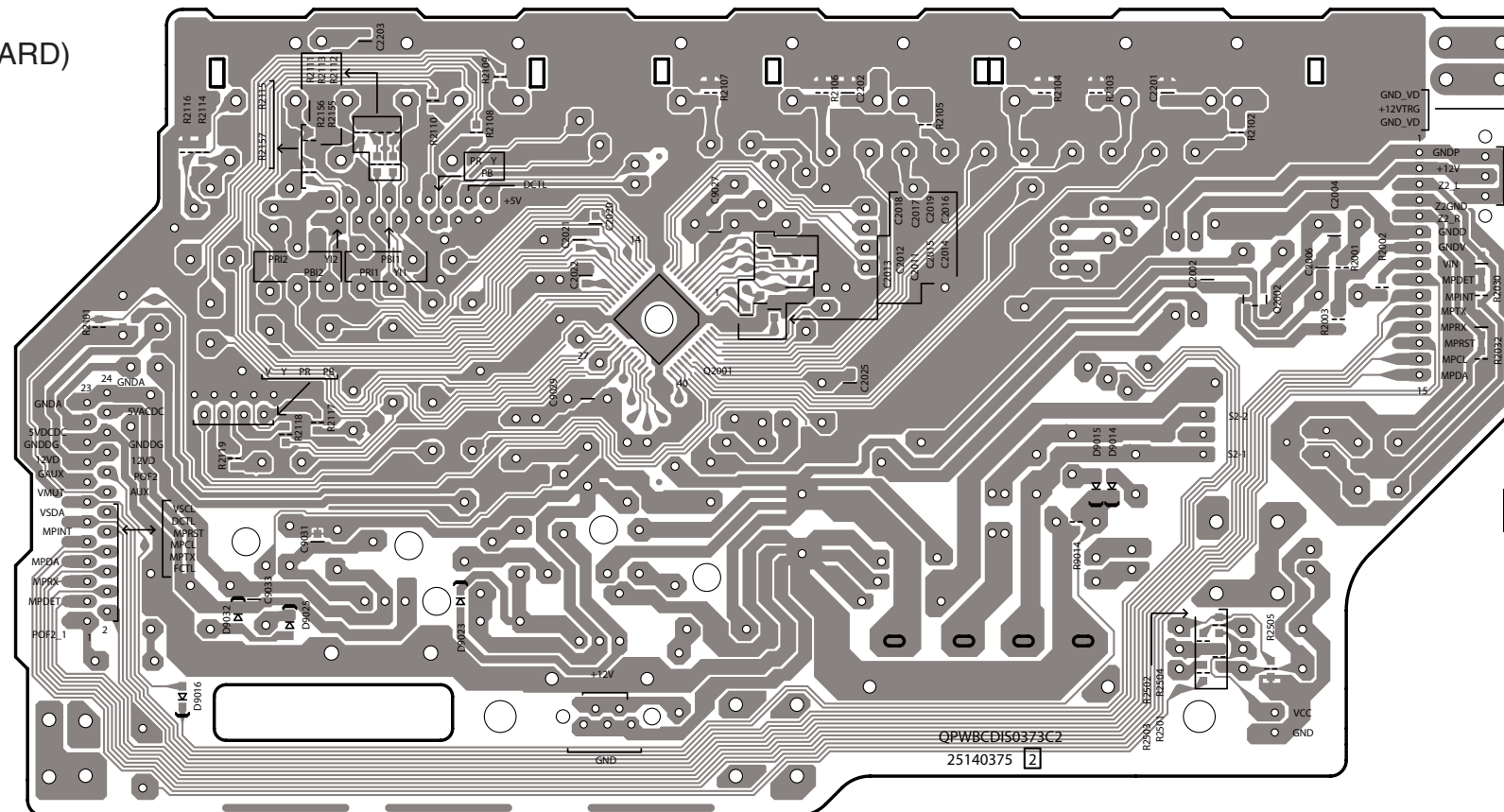
U0040

BADIS-0373 (DISPLAY PC BOARD)
B-side(Soldering side)



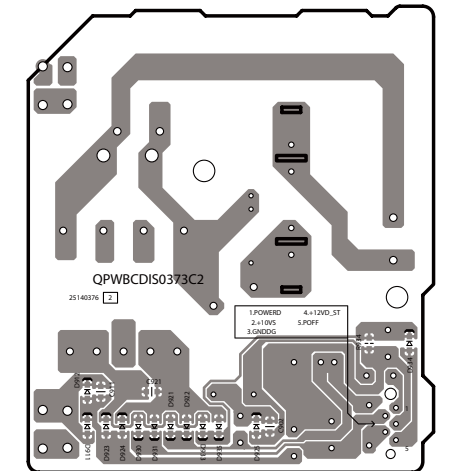
U0042

BADIS-0375 (VIDEO PC BOARD)
B-side(Soldering side)



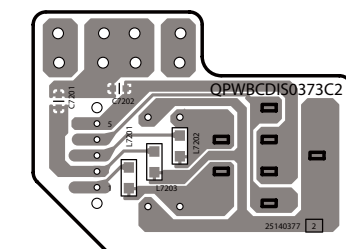
U0041

BADIS-0376 (STADBY KEY/LED PC BOARD)
B-side(Soldering side)



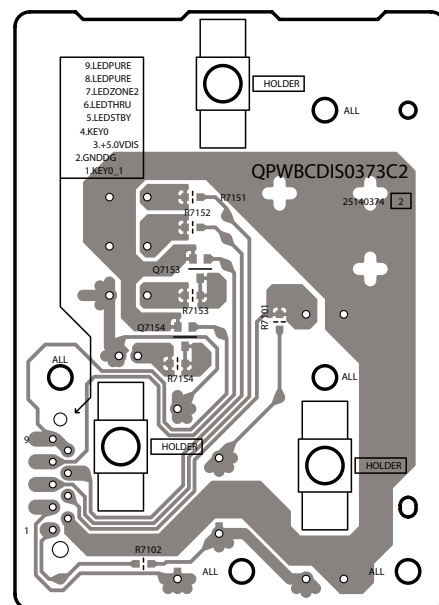
U0044

BAETC-0377 (HP JACK PC BOARD)
B-side(Soldering side)



U0043

BAETC-0374 (POW SUPPLY PC BOARD)
B-side(Soldering side)



PRINTED CIRCUIT BOARD VIEWS-6 SP-TRM SECTION

U0061

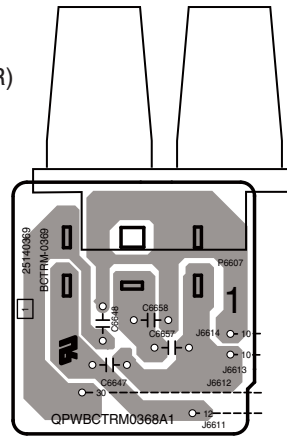
BATRM-0369 (Z2 SP-TRM PC BOARD)
B-side(Soldering side)

ONLY:

TX-SR608_(MP/MB/MO/MA/MQ/MR)
TX-SA608/ DTR-30.2

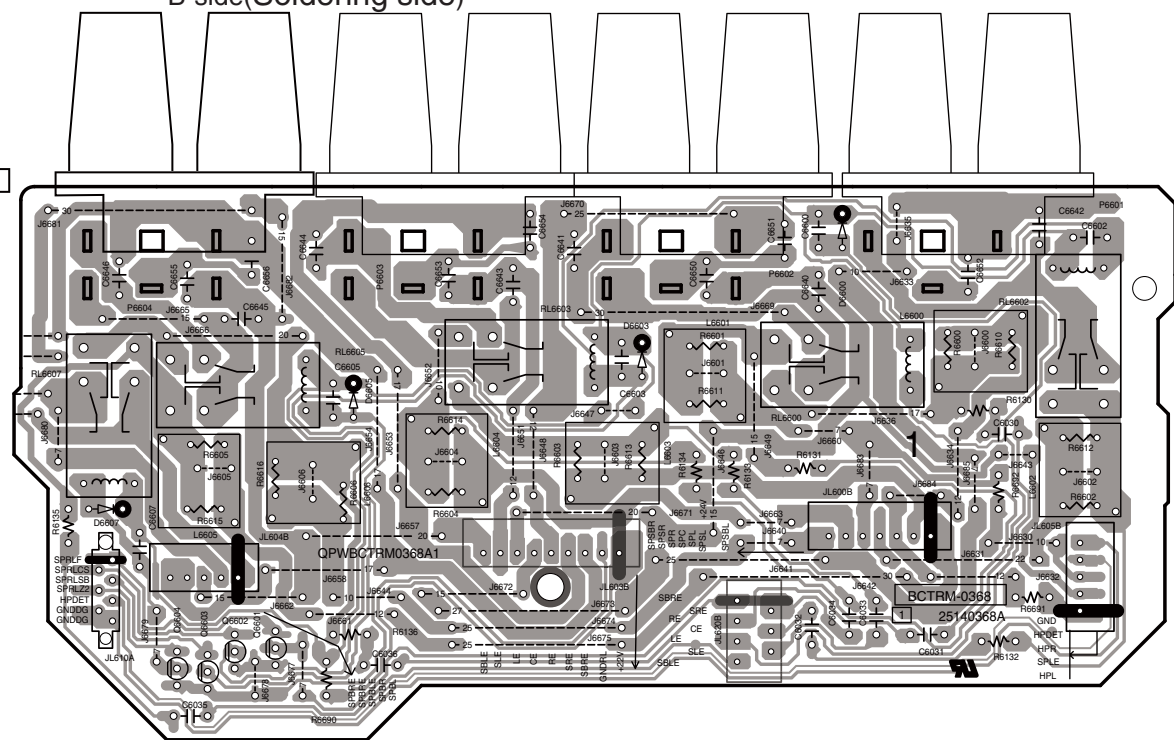
NOTE

MO	Saudi Arabian model
MQ	Hong kong model
MA	Australian model
MB	U.K. model
PP/MP	CE(European) country model
MR	Chinese model



U0060

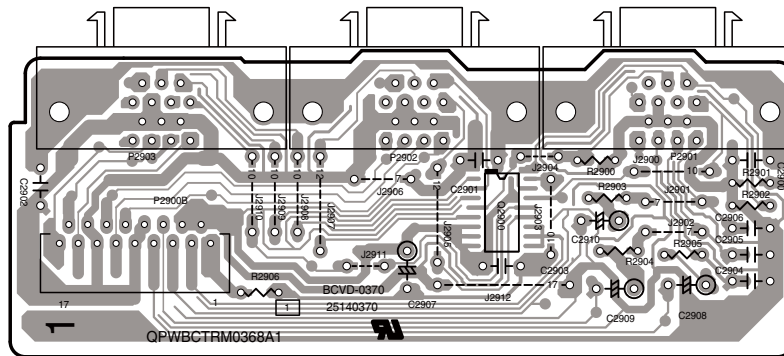
BATRM-0368 (SP-TRM PC BOARD)
B-side(Soldering side)



U0062

Japanese Model Only

BAVD-0370 (D-TRM PC BOARD)
B-side(Soldering side)

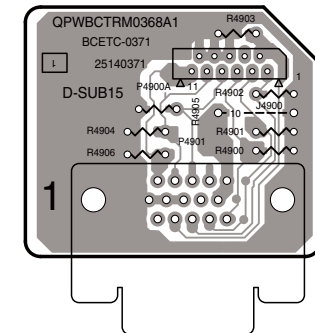


U0063

BAETC-0371 (D-SUB PC BOARD)
B-side(Soldering side)

Only:

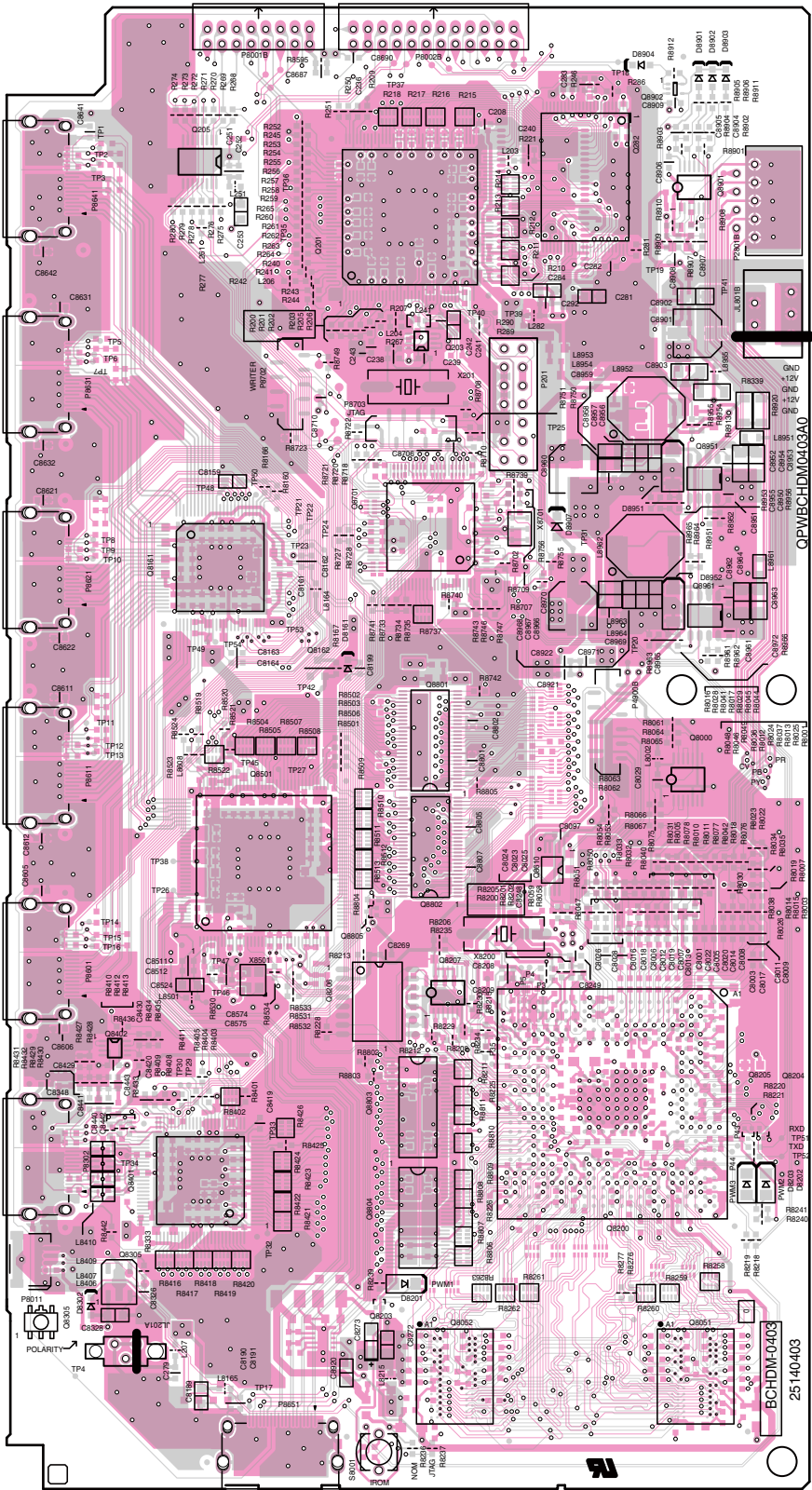
TX-SA608/ TX-SR608
DTR-20.2/ DTR-30.2



PRINTED CIRCUIT BOARD VIEWS-7
HDMI SECTION

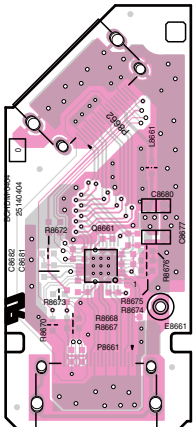
U0070

BAHDM-0403 (HDMI PC BOARD)
A-side(Component side)



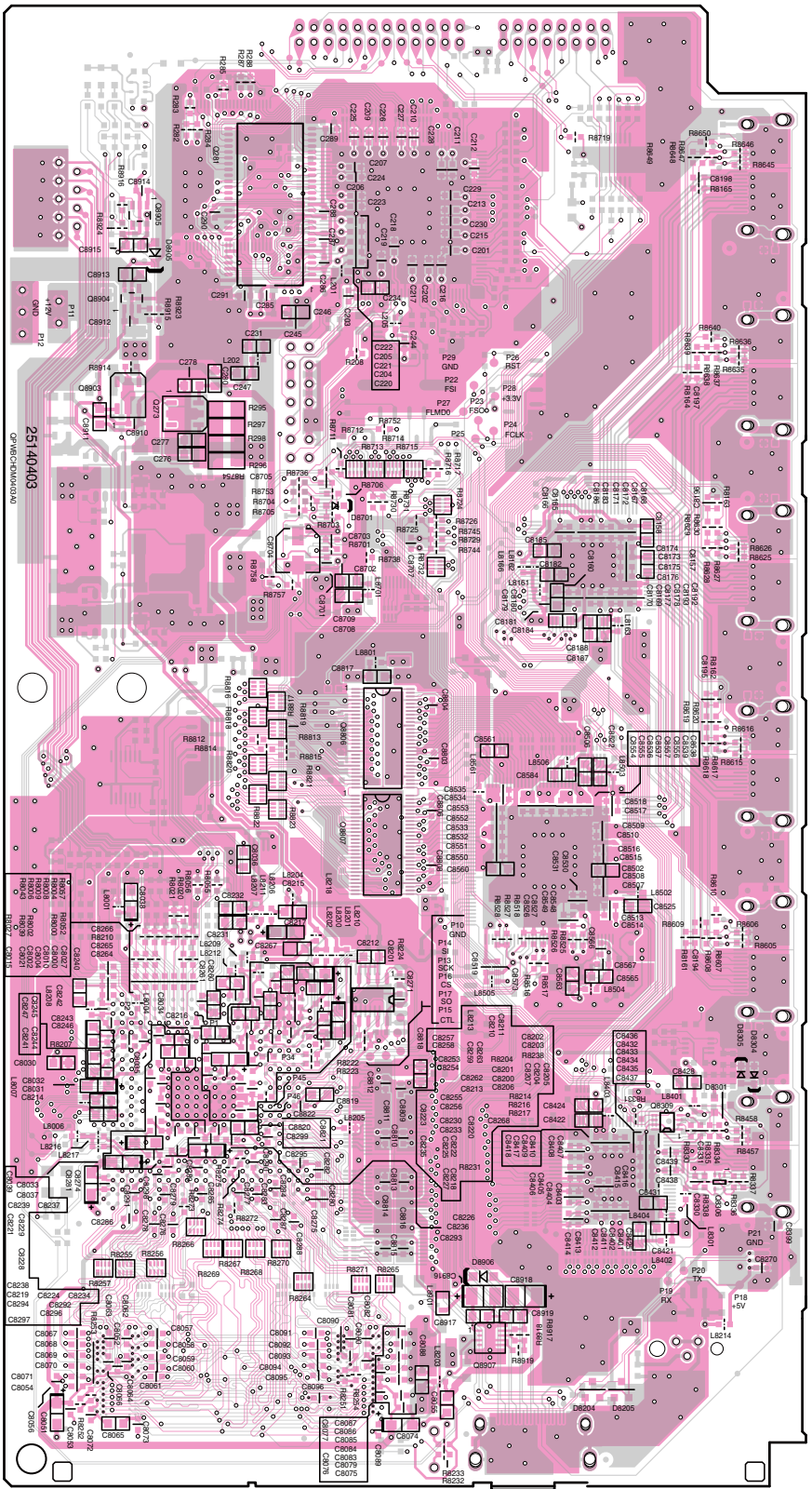
U0071

BAHDM-0404
(FRONT HDMI PC BOARD)
A-side(Component side)



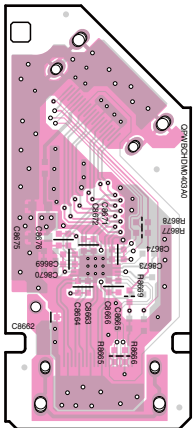
U0070

BAHDM-0403 (HDMI PC BOARD)
B-side(Soldering side)



U0071

BAHDM-0404
(FRONT HDMI PC BOARD)
B-side(Soldering side)



HT-R680

<Note>

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

NOTE : THE COMPONENTS IDENTIFIED BY THE MARK ! ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE ONLY WITH PART NUMBER SPECIFIED.

<Notes>

 : Black model

HT-R680 in "HTiB(HT-S6300)"

<CMDC> : 120V,Canadian model

HT-R680 in "HTiB(HT-S7300)"

<C2MDC> : 120V,Canadian model

HT-R680

REF. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[SEMI CONDUCTOR]					
Q6050	TR	2SC4468-P	1	2202526	<B C2MDC, CMDC>
Q6050 or	TR	2SC4468-O	(1)	2202523	<B C2MDC, CMDC>
Q6050 or	TR	2SC4468-Y	(1)	2202524	<B C2MDC, CMDC>
Q6050 or	TR	2SC5198-R	(1)	2203062	<B C2MDC, CMDC>
Q6050 or	TR	2SC5198-O	(1)	2203063	<B C2MDC, CMDC>
Q6050A	ISO SHEET	AC238	2	223024	<B C2MDC, CMDC>
Q6050B	ISO SHEET	ISO SHEET	6	223050	<B C2MDC, CMDC>
Q6051	TR	2SC4468-P	1	2202526	<B C2MDC, CMDC>
Q6051 or	TR	2SC4468-O	(1)	2202523	<B C2MDC, CMDC>
Q6051 or	TR	2SC4468-Y	(1)	2202524	<B C2MDC, CMDC>
Q6051 or	TR	2SC5198-R	(1)	2203062	<B C2MDC, CMDC>
Q6051 or	TR	2SC5198-O	(1)	2203063	<B C2MDC, CMDC>
Q6052	TR	2SC4468-P	1	2202526	<B C2MDC, CMDC>
Q6052 or	TR	2SC4468-O	(1)	2202523	<B C2MDC, CMDC>
Q6052 or	TR	2SC4468-Y	(1)	2202524	<B C2MDC, CMDC>
Q6052 or	TR	2SC5198-R	(1)	2203062	<B C2MDC, CMDC>
Q6052 or	TR	2SC5198-O	(1)	2203063	<B C2MDC, CMDC>
Q6053	TR	2SC4468-P	1	2202526	<B C2MDC, CMDC>
Q6053 or	TR	2SC4468-O	(1)	2202523	<B C2MDC, CMDC>
Q6053 or	TR	2SC4468-Y	(1)	2202524	<B C2MDC, CMDC>
Q6053 or	TR	2SC5198-R	(1)	2203062	<B C2MDC, CMDC>
Q6053 or	TR	2SC5198-O	(1)	2203063	<B C2MDC, CMDC>
Q6053 or	TR	KTC5242A-R	(1)	2203952	<B C2MDC, CMDC>
Q6053 or	TR	KTC5242A-O	(1)	2203953	<B C2MDC, CMDC>
Q6054	TR	2SC4468-P	1	2202526	<B C2MDC, CMDC>
Q6054 or	TR	2SC4468-O	(1)	2202523	<B C2MDC, CMDC>
Q6054 or	TR	2SC4468-Y	(1)	2202524	<B C2MDC, CMDC>
Q6054 or	TR	2SC5198-R	(1)	2203062	<B C2MDC, CMDC>
Q6054 or	TR	2SC5198-O	(1)	2203063	<B C2MDC, CMDC>
Q6054 or	TR	KTC5242A-R	(1)	2203952	<B C2MDC, CMDC>

Q6054 or	TR	KTC5242A-O	(1)	2203953	<B C2MDC, CMDC>
Q6055	TR	2SC4468-P	1	2202526	<B C2MDC, CMDC>
Q6055 or	TR	2SC4468-O	(1)	2202523	<B C2MDC, CMDC>
Q6055 or	TR	2SC4468-Y	(1)	2202524	<B C2MDC, CMDC>
Q6055 or	TR	2SC5198-R	(1)	2203062	<B C2MDC, CMDC>
Q6055 or	TR	2SC5198-O	(1)	2203063	<B C2MDC, CMDC>
Q6055 or	TR	KTC5242A-R	(1)	2203952	<B C2MDC, CMDC>
Q6055 or	TR	KTC5242A-O	(1)	2203953	<B C2MDC, CMDC>
Q6056	TR	2SC4468-P	1	2202526	<B C2MDC, CMDC>
Q6056 or	TR	2SC4468-O	(1)	2202523	<B C2MDC, CMDC>
Q6056 or	TR	2SC4468-Y	(1)	2202524	<B C2MDC, CMDC>
Q6056 or	TR	2SC5198-R	(1)	2203062	<B C2MDC, CMDC>
Q6056 or	TR	2SC5198-O	(1)	2203063	<B C2MDC, CMDC>
Q6056 or	TR	KTC5242A-R	(1)	2203952	<B C2MDC, CMDC>
Q6056 or	TR	KTC5242A-O	(1)	2203953	<B C2MDC, CMDC>
Q6060	TR	2SA1695-P	1	2202516	<B C2MDC, CMDC>
Q6060 or	TR	2SA1695-O	(1)	2202513	<B C2MDC, CMDC>
Q6060 or	TR	2SA1695-Y	(1)	2202514	<B C2MDC, CMDC>
Q6060 or	TR	2SA1941-R	(1)	2203052	<B C2MDC, CMDC>
Q6060 or	TR	2SA1941-O	(1)	2203053	<B C2MDC, CMDC>
Q6061	TR	2SA1695-P	1	2202516	<B C2MDC, CMDC>
Q6061 or	TR	2SA1695-O	(1)	2202513	<B C2MDC, CMDC>
Q6061 or	TR	2SA1695-Y	(1)	2202514	<B C2MDC, CMDC>
Q6061 or	TR	2SA1941-R	(1)	2203052	<B C2MDC, CMDC>
Q6061 or	TR	2SA1941-O	(1)	2203053	<B C2MDC, CMDC>
Q6062	TR	2SA1695-P	1	2202516	<B C2MDC, CMDC>
Q6062 or	TR	2SA1695-O	(1)	2202513	<B C2MDC, CMDC>
Q6062 or	TR	2SA1695-Y	(1)	2202514	<B C2MDC, CMDC>
Q6062 or	TR	2SA1941-R	(1)	2203052	<B C2MDC, CMDC>
Q6062 or	TR	2SA1941-O	(1)	2203053	<B C2MDC, CMDC>
Q6063	TR	2SA1695-P	1	2202516	<B C2MDC, CMDC>
Q6063 or	TR	2SA1695-O	(1)	2202513	<B C2MDC, CMDC>
Q6063 or	TR	2SA1695-Y	(1)	2202514	<B C2MDC, CMDC>
Q6063 or	TR	2SA1941-R	(1)	2203052	<B C2MDC, CMDC>
Q6063 or	TR	2SA1941-O	(1)	2203053	<B C2MDC, CMDC>
Q6063 or	TR	KTA1962A-R	(1)	2203942	<B C2MDC, CMDC>
Q6063 or	TR	KTA1962A-O	(1)	2203943	<B C2MDC, CMDC>
Q6064	TR	2SA1695-P	1	2202516	<B C2MDC, CMDC>
Q6064 or	TR	2SA1695-O	(1)	2202513	<B C2MDC, CMDC>
Q6064 or	TR	2SA1695-Y	(1)	2202514	<B C2MDC, CMDC>
Q6064 or	TR	2SA1941-R	(1)	2203052	<B C2MDC, CMDC>
Q6064 or	TR	2SA1941-O	(1)	2203053	<B C2MDC, CMDC>
Q6064 or	TR	KTA1962A-R	(1)	2203942	<B C2MDC, CMDC>

Q6064 or	TR	KTA1962A-O	(1)	2203943		<B C2MDC, CMDC>
Q6065	TR	2SA1695-P	1	2202516		<B C2MDC, CMDC>
Q6065 or	TR	2SA1695-O	(1)	2202513		<B C2MDC, CMDC>
Q6065 or	TR	2SA1695-Y	(1)	2202514		<B C2MDC, CMDC>
Q6065 or	TR	2SA1941-R	(1)	2203052		<B C2MDC, CMDC>
Q6065 or	TR	2SA1941-O	(1)	2203053		<B C2MDC, CMDC>
Q6065 or	TR	KTA1962A-R	(1)	2203942		<B C2MDC, CMDC>
Q6065 or	TR	KTA1962A-O	(1)	2203943		<B C2MDC, CMDC>
Q6066	TR	2SA1695-P	1	2202516		<B C2MDC, CMDC>
Q6066 or	TR	2SA1695-O	(1)	2202513		<B C2MDC, CMDC>
Q6066 or	TR	2SA1695-Y	(1)	2202514		<B C2MDC, CMDC>
Q6066 or	TR	2SA1941-R	(1)	2203052		<B C2MDC, CMDC>
Q6066 or	TR	2SA1941-O	(1)	2203053		<B C2MDC, CMDC>
Q6066 or	TR	KTA1962A-R	(1)	2203942		<B C2MDC, CMDC>
Q6066 or	TR	KTA1962A-O	(1)	2203943		<B C2MDC, CMDC>
[CHASSIS SCREW]						
A001	CHASSIS	TX-SR507	1		NSP	
A003	BOTTOM LEG	---	4	27175432C		
A005	CUSHION	---	4		NSP	
A007	SCREW	3TTB+8B(3CM)SR	4		NSP	
A009	HOLDER	KGLS-8RT	3		NSP	
A010	HOLDER	KGPS-8RF	1		NSP	
A011	HOLDER	KGLS-10RT	1		NSP	
A013	HOLDER	KGPS-14RF	2		NSP	
A015	HOLDER	KGPS-14RF	1		NSP	
A017	HOLDER	KGLS-16S	1		NSP	
A019	HOLDER	KGPS-16RF	1		NSP	
A021	HOLDER	KGLS-22S	2		NSP	
A023	HOLDER	KGLS-22S	1		NSP	
A025	SCREW	4TTC+8C(3BC)	4		NSP	
A030	HEAT SINK	507	1		NSP	
A032	RETAINER	(HL)	1		NSP	
A034	RETAINER	(HR)	1		NSP	
A036	SCREW	3TTB+8B(3CM)SR	4		NSP	
A038	SCREW	3TTB+8B(3CM)SR	2		NSP	
A040	SCREW	3TTB+8B(3CM)SR	4		NSP	
A042	SCREW	3TTB+8B(3CM)SR	2		NSP	
A044	HOLDER	KGLS-8RT	1		NSP	
A050	SCREW	3SMS8W.SW+14B(CU)	14		NSP	
A051	ISO PLT	(HT-R)	1		NSP	
A052	RIVET	P3535	3		NSP	
A053	TAPE	TAPE(CLOTH-16U)	1		NSP	
A054	SCREW	3TTB+8B(3CM)SR	1		NSP	

T901	P TRANS	NPT-1590D	1	2301974	!	<B C2MDC, CMDC>
[SW TRM]						
F6901	FUSE	10A-UL/T-233	1	252330GR	!	<B C2MDC, CMDC>
F6901 or	FUSE	10A-T/UL-ST2	(1)	252333GR	!	<B C2MDC, CMDC>
F6902	FUSE	10A-UL/T-233	1	252330GR	!	<B C2MDC, CMDC>
F6902 or	FUSE	10A-T/UL-ST2	(1)	252333GR	!	<B C2MDC, CMDC>
F901	FUSE	8A-UL/T-233	1	252329GR	!	<B C2MDC, CMDC>
F901 or	FUSE	8A-T/UL-ST2	(1)	252261GR	!	<B C2MDC, CMDC>
P101	FFC	NCFC7-111512	1	2047111512		
P2801	FFC	NCFC7-091012	1	2047091012		
P701	FFC	NCFC7-312012	1	2047312012		
P901	AC CORD	AS-UC-2	1	253368AYUN	!	<B C2MDC, CMDC>
P901 or	AC CORD	AS-UC-2	(1)	253368BLTK	!	<B C2MDC, CMDC>
[TUNER UNIT]						
U001	AF-AS(Amplifier Asy) U0010+U0011+U0012+U0013+U0014	BAAF-0348-1A *	1	1B247548-1A	N	<B C2MDC, CMDC>
U0010	AF-ASAF-AS(Amplifier Asy)	BAAF-0348-1A	1	1B2475348-1A	N	<B C2MDC, CMDC>
U0011	PWB(FL Tube -VP)	BAPS-0349-1A	1	1B2475349-1A	N	<B C2MDC, CMDC>
U0012	PWB(Thermal Sensor)	BAETC-0350-1A	1	1B2475350-1A	N	<B C2MDC, CMDC>
U0013	WB(Thermal Sensor FIX)	BAETC-0351-1A	1		N, NSP	<B C2MDC, CMDC>
U0014	PWB(Trans Terminal FIX)	BAETC-0352-1A	1	1B2475352-1A	N	<B C2MDC, CMDC>
U003	DG-AS(MPU DIR DAC U-port Asy) U0030+U0031	BADG-0364-1Q *	1	1B247564-1Q	N	<B C2MDC, CMDC>
U0030	DG-AS(MPU DIR DAC Asy)	BADG-0364-1Q	1	1B2475364-1Q	N	<B C2MDC, CMDC>
U0031	PWB(U-port)	BAETC-0365-1Q	1	1B2475365-1Q	N	<B C2MDC, CMDC>
U004	DIS-AS(Disply Video Pow-supply HP Asy) U0040+U0041+U0042+U0043+U0044	BADIS-0373-1K *	1	1B247573-1K	N	<B C2MDC, CMDC>
U0040	DIS-AS(Disply Video Pow-supply HP Asy)	BADIS-0373-1K	1	1B2475373-1K	N	<B C2MDC, CMDC>
U0041	PWB(Stadby-Key/ LED)	BADIS-0374-1K	1	Included in "REF,NO, U0040"	N	<B C2MDC, CMDC>
U0042	PWB(Video Asy)	BAVD-0375-1K	1	1B2475375-1K	N	<B C2MDC, CMDC>
U0043	PWB(Power Supply Asy)	BAETC-0376-1K	1	1B2475376-1K	N	<B C2MDC, CMDC>
U0044	PWB(HP-Jack Asy)	BAETC-0377-1K	1	1B2475377-1K	N	<B C2MDC, CMDC>
U006	TRM-AS(Speakers Terminal Asy) U0060+U0061	BATRM-0368-1A *	1	1B247568-1A	N	<B C2MDC, CMDC>
U0060	TRM-AS(Speakers Terminal Asy)	BATRM-0368-1A	1	1B2475368-1A	N	<B C2MDC, CMDC>
U0064	PWB(reserve)	BAETC-0372-1A	1		N, NSP	<B C2MDC, CMDC>
U007	HDM-AS(HDMI Asy)	BAHDM-0403-1A *	1	1B247503-1A	N	<B C2MDC, CMDC>
U010	TUNER UNIT	FAEH06-A01US	1	240166		<B C2MDC, CMDC>

HT-R680

PACKING PROCEDURES PARTS LIST

REF. NO	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)		REMARKS
[PACKING]						
A601	PAD	(AS)HT-S7300	1	29092503	N	<B C2MDC>
A601	PAD	(AS)307C	1	29092482B		<B CMDC>
A605	POLY BAG	w850xd650	1	29100245		
A606	TAPE	(SEROHAN)NITTO NO.29	1	29110149		
A608	SHEET	T0.5x600x500	1	29096097		
A611	TAPE	(SEROHAN)NITTO NO.29	1	29110149		
A704A	LABEL	(DES)680BMDC	{ 1}	29391094	N	<B CMDC>
A704A	LABEL	(DES)680C2DC	{ 1}	29391172A	N	<B C2MDC>
[ACCESSARY]						
A672	POLY BAG	w250xd350	1	29100250A		<B C2MDC, CMDC>
A674	POLY BAG	D250xd300xW300(t0.04)	1	29100256A		
A676	TAPE	(SEROHAN)NITTO NO.29	1	29110149		
A801	INS MANUAL	En(HT-S6300)	1	29400232A	N	
A802	INS MANUAL	U2FrEs(HT-S6300)	1	29400255A	N	<B C2MDC, CMDC>
A805	INS MANUAL	En(QSS HT-S7300)	1	29400407A	N	<B C2MDC>
A810	INS MANUAL	En(QSS HT-S6300)	1	29400233A	N	<B CMDC>
A823	INS MANUAL	U9(2010_Prepro)	1	29400269		
A826	INST SHEET	U11(2010_RIHD)	1	29355782		<B C2MDC, CMDC>
A855	REMO CON	RC-764M	1	24140764		
A856	MIC	MIC-5001	1	245043		
A858	ANT COIL	NMA-3057	1	232140		
A859	FM ANT AS	Type W	1	292191		
A861	BATTERY	R6/AA(UM-3)	2	3010194		<B C2MDC, CMDC>
A861 or	BATTERY	R6/AA(UM-3)	(2)	3010054		<B C2MDC, CMDC>
A885	WRNTY CARD	(ONKYO)	1	29365135		<B C2MDC, CMDC>

HT-R680

PC BOARD PARTS LIST

U001	AF-AS(Amplifier Asy)	BAAF-0348-1A *	1	1B247548-1A	N	<B C2MDC, CMDC>
U0010	U0010+U0011+U0012+U0013+U0014	BAAF-0348-1A	1	1B2475348-1A	N	<B C2MDC, CMDC>
U0011	AF-ASAF-AS(Amplifier Asy)	BAPS-0349-1A	1	1B2475349-1A	N	<B C2MDC, CMDC>
U0012	PWB(FL Tube -VP)	BAETC-0350-1A	1	1B2475350-1A	N	<B C2MDC, CMDC>
U0013	PWB(Thermal Sensor)	BAETC-0351-1A	1	1B2475351-1A	N, NSP	<B C2MDC, CMDC>
U0014	WB(Thermal Sensor FIX)	BAETC-0352-1A	1	1B2475352-1A	N	<B C2MDC, CMDC>

CIRCUIT	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)		REMARKS
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[SEMI CONDUCTOR]

D4171	ZENER D	MTZJ6.2B	1	224470622T		
D4172	ZENER D	MTZJ6.2B	1	224470622T		
D4173	DIODE	1SS133	1	223163T		
D4174	DIODE	1SS133	1	223163T		
D4207	C-DIODE	KDS4148U	1		NSP	<B C2MDC, CMDC>
D4207 or	C-DIODE	1SS352	(1)		NSP	<B C2MDC, CMDC>
D4207 or	C-DIODE	MA2J111	(1)		NSP	<B C2MDC, CMDC>
D4208	C-DIODE	KDS4148U	1		NSP	
D4208 or	C-DIODE	1SS352	(1)		NSP	
D4208 or	C-DIODE	MA2J111	(1)		NSP	
D4217	C-DIODE	KDS4148U	1		NSP	<B C2MDC, CMDC>
D4217 or	C-DIODE	1SS352	(1)		NSP	<B C2MDC, CMDC>
D4217 or	C-DIODE	MA2J111	(1)		NSP	<B C2MDC, CMDC>
D4218	C-DIODE	KDS4148U	1		NSP	
D4218 or	C-DIODE	1SS352	(1)		NSP	
D4218 or	C-DIODE	MA2J111	(1)		NSP	
D4300	DIODE	RL1N4003	1	22380260T		
D4301	DIODE	RL1N4003	1	22380260T		
D4302	DIODE	RL1N4003	1	22380260T		
D4303	DIODE	RL1N4003	1	22380260T		
D4304	DIODE	RL1N4003	1	22380260T		
D4305	DIODE	RL1N4003	1	22380260T		
D5000	ZENER D	MTZJ5.6B	1	224470562T		
D5001	ZENER D	MTZJ5.6B	1	224470562T		
D5002	ZENER D	MTZJ5.6B	1	224470562T		
D5003	ZENER D	MTZJ5.6B	1	224470562T		
D5004	ZENER D	MTZJ5.6B	1	224470562T		
D5005	ZENER D	MTZJ5.6B	1	224470562T		
D5006	ZENER D	MTZJ5.6B	1	224470562T		
D6000	C-DIODE	KDS4148U	1		NSP	
D6000 or	C-DIODE	1SS352	(1)		NSP	
D6000 or	C-DIODE	MA2J111	(1)		NSP	
D6001	C-DIODE	KDS4148U	1		NSP	
D6001 or	C-DIODE	1SS352	(1)		NSP	
D6001 or	C-DIODE	MA2J111	(1)		NSP	
D6002	C-DIODE	KDS4148U	1		NSP	
D6002 or	C-DIODE	1SS352	(1)		NSP	
D6002 or	C-DIODE	MA2J111	(1)		NSP	
D6003	C-DIODE	KDS4148U	1		NSP	
D6003 or	C-DIODE	1SS352	(1)		NSP	
D6003 or	C-DIODE	MA2J111	(1)		NSP	
D6004	C-DIODE	KDS4148U	1		NSP	

D6004 or	C-DIODE	1SS352	(1)		NSP	
D6004 or	C-DIODE	MA2J111	(1)		NSP	
D6005	C-DIODE	KDS4148U	1		NSP	
D6005 or	C-DIODE	1SS352	(1)		NSP	
D6005 or	C-DIODE	MA2J111	(1)		NSP	
D6006	C-DIODE	KDS4148U	1		NSP	
D6006 or	C-DIODE	1SS352	(1)		NSP	
D6006 or	C-DIODE	MA2J111	(1)		NSP	
D6701	C-DIODE	KDS4148U	1		NSP	
D6701 or	C-DIODE	1SS352	(1)		NSP	
D6701 or	C-DIODE	MA2J111	(1)		NSP	
D6702	C-DIODE	KDS4148U	1		NSP	
D6702 or	C-DIODE	1SS352	(1)		NSP	
D6702 or	C-DIODE	MA2J111	(1)		NSP	
D6703	ZENER D	UDZS3.3B	1	224550330R2		
D6704	ZENER D	UDZS3.3B	1	224550330R2		
D6713	ZENER D	UDZS3.3B	1	224550330R2		
D6901	DIODE	D10XB60H	1	22380337		
D6901A	HEAT SINK	RAD-196	1	27160545		
D6901C	SCREW	3P+10FN(3BC)	1	82143010GR		
D6902	C-DIODE	KDS4148U	1		NSP	
D6902 or	C-DIODE	1SS352	(1)		NSP	
D6902 or	C-DIODE	MA2J111	(1)		NSP	
D960	DIODE	RL1N4003	1	22380260T		
D961	DIODE	RL1N4003	1	22380260T		
D962	ZENER D	UDZS36B	1	224553600R2		
Q4001	IC	R2A15218FP	1	22242605R3		
Q4003	IC	NJM4580M-D	1	22241448R2		
Q4100	TR	RN1441	1	2215410R2		
Q4101	TR	RN1441	1	2215410R2		
Q4102	TR	RN1441	1	2215410R2		
Q4103	TR	RN1441	1	2215410R2		
Q4104	TR	RN1441	1	2215410R2		
Q4105	TR	RN1441	1	2215410R2		
Q4106	TR	RN1441	1	2215410R2		
Q4107	TR	RN1441	1	2215410R2		
Q4108	TR	RN1441	1	2215410R2		<B C2MDC, CMDC>
Q4109	TR	RN1441	1	2215410R2		<B C2MDC, CMDC>
Q4117	TR	RN1441	1	2215410R2		
Q4130	IC	NJM4580M-D	1	22241448R2		
Q4170	IC	78M15HF(NJM78M15FA)	1	222780155JRC		
Q4170 or	IC	UPC78M15AHF-AZ	(1)	222780155NEC		
Q4170A	HEAT SINK	RAD-196	1	27160545		

Q4170B	SCREW	3P+10FN(3BC)	1	82143010GR		
Q4171	IC	79M15HF(NJM79M15FA)	1	222790155JRC		
Q4171 or	IC	UPC79M15HF-AZ	(1)	222790155NEC		
Q4171B	SCREW	3P+10FN(3BC)	1	82143010GR		
Q5000	TR	2SC2240-BL(TPE2_F)	1	2211406T		
Q5001	TR	2SC2240-BL(TPE2_F)	1	2211406T		
Q5002	TR	2SC2240-BL(TPE2_F)	1	2211406T		
Q5003	TR	2SC2240-BL(TPE2_F)	1	2211406T		
Q5004	TR	2SC2240-BL(TPE2_F)	1	2211406T		
Q5005	TR	2SC2240-BL(TPE2_F)	1	2211406T		
Q5006	TR	2SC2240-BL(TPE2_F)	1	2211406T		
Q5010	TR	2SC2240-BL(TPE2_F)	1	2211406T		
Q5011	TR	2SC2240-BL(TPE2_F)	1	2211406T		
Q5012	TR	2SC2240-BL(TPE2_F)	1	2211406T		
Q5013	TR	2SC2240-BL(TPE2_F)	1	2211406T		
Q5014	TR	2SC2240-BL(TPE2_F)	1	2211406T		
Q5015	TR	2SC2240-BL(TPE2_F)	1	2211406T		
Q5016	TR	2SC2240-BL(TPE2_F)	1	2211406T		
Q5030	TR	2SA949-Y(TPE6_F)	1	2211354T		<B C2MDC, CMDC>
Q5031	TR	2SA949-Y(TPE6_F)	1	2211354T		<B C2MDC, CMDC>
Q5032	TR	2SA949-Y(TPE6_F)	1	2211354T		<B C2MDC, CMDC>
Q5033	TR	2SA949-Y(TPE6_F)	1	2211354T		<B C2MDC, CMDC>
Q5034	TR	2SA949-Y(TPE6_F)	1	2211354T		<B C2MDC, CMDC>
Q5035	TR	2SA949-Y(TPE6_F)	1	2211354T		<B C2MDC, CMDC>
Q5036	TR	2SA949-Y(TPE6_F)	1	2211354T		<B C2MDC, CMDC>
Q5040	TR	2SC2229-Y(TPE6_F)	1	2211634T		<B C2MDC, CMDC>
Q5041	TR	2SC2229-Y(TPE6_F)	1	2211634T		<B C2MDC, CMDC>
Q5042	TR	2SC2229-Y(TPE6_F)	1	2211634T		<B C2MDC, CMDC>
Q5043	TR	2SC2229-Y(TPE6_F)	1	2211634T		<B C2MDC, CMDC>
Q5044	TR	2SC2229-Y(TPE6_F)	1	2211634T		<B C2MDC, CMDC>
Q5045	TR	2SC2229-Y(TPE6_F)	1	2211634T		<B C2MDC, CMDC>
Q5046	TR	2SC2229-Y(TPE6_F)	1	2211634T		<B C2MDC, CMDC>
Q5050	TR	2SC1815-GR	1	2211255T		
Q5051	TR	2SC1815-GR	1	2211255T		
Q5052	TR	2SC1815-GR	1	2211255T		
Q5053	TR	2SC1815-GR	1	2211255T		
Q5054	TR	2SC1815-GR	1	2211255T		
Q5055	TR	2SC1815-GR	1	2211255T		
Q5056	TR	2SC1815-GR	1	2211255T		
Q6000	TR	2SC1740S-S	1	2213285T		
Q6001	TR	2SC1740S-S	1	2213285T		
Q6002	TR	2SC1740S-S	1	2213285T		
Q6003	TR	2SC1740S-S	1	2213285T		

Q6004	TR	2SC1740S-S	1	2213285T		
Q6005	TR	2SC1740S-S	1	2213285T		
Q6006	TR	2SC1740S-S	1	2213285T		
Q6010	TR	2SC1740S-S	1	2213285T		
Q6011	TR	2SC1740S-S	1	2213285T		
Q6012	TR	2SC1740S-S	1	2213285T		
Q6013	TR	2SC1740S-S	1	2213285T		
Q6014	TR	2SC1740S-S	1	2213285T		
Q6015	TR	2SC1740S-S	1	2213285T		
Q6016	TR	2SC1740S-S	1	2213285T		
Q6030	TR	2SC5171(ONK_Q)	1	2203010		
Q6031	TR	2SC5171(ONK_Q)	1	2203010		
Q6032	TR	2SC5171(ONK_Q)	1	2203010		
Q6033	TR	2SC5171(ONK_Q)	1	2203010		
Q6033 or	TR	KTD2061-Y	(1)	2203434		
Q6034	TR	2SC5171(ONK_Q)	1	2203010		
Q6034 or	TR	KTD2061-Y	(1)	2203434		
Q6035	TR	2SC5171(ONK_Q)	1	2203010		
Q6035 or	TR	KTD2061-Y	(1)	2203434		
Q6036	TR	2SC5171(ONK_Q)	1	2203010		
Q6036 or	TR	KTD2061-Y	(1)	2203434		
Q6040	TR	2SA1930(ONK_Q)	1	2203000		
Q6041	TR	2SA1930(ONK_Q)	1	2203000		
Q6042	TR	2SA1930(ONK_Q)	1	2203000		
Q6043	TR	2SA1930(ONK_Q)	1	2203000		
Q6043 or	TR	KTB1369-Y	(1)	2203424		
Q6044	TR	2SA1930(ONK_Q)	1	2203000		
Q6044 or	TR	KTB1369-Y	(1)	2203424		
Q6045	TR	2SA1930(ONK_Q)	1	2203000		
Q6045 or	TR	KTB1369-Y	(1)	2203424		
Q6046	TR	2SA1930(ONK_Q)	1	2203000		
Q6046 or	TR	KTB1369-Y	(1)	2203424		
Q6070	TR	2SC2229-Y(TPE6_F)	1	2211634T		
Q6071	TR	2SC2229-Y(TPE6_F)	1	2211634T		
Q6072	TR	2SC2229-Y(TPE6_F)	1	2211634T		
Q6073	TR	2SC2229-Y(TPE6_F)	1	2211634T		
Q6074	TR	2SC2229-Y(TPE6_F)	1	2211634T		
Q6075	TR	2SC2229-Y(TPE6_F)	1	2211634T		
Q6076	TR	2SC2229-Y(TPE6_F)	1	2211634T		
Q6380	IC	LM61CIZ	1	22242212		
Q6380A	RETAINER	(PTH)	1	27141884-1		
Q6701	TR	2SC2712-GR	1	2213145R2		
Q6701 or	TR	KTC3875-GR	(1)	2216175R2		

Q6702	TR	2SC2712-GR	1	2213145R2		
Q6702 or	TR	KTC3875-GR	(1)	2216175R2		
Q6703	TR	2SA1163-BL(TE85L_F)	1	2216756R2		
Q6707	TR	2SC2712-GR	1	2213145R2		
Q6707 or	TR	KTC3875-GR	(1)	2216175R2		
Q6713	TR	2SA1163-BL(TE85L_F)	1	2216756R2		
Q960	TR	2SC2235-Y(TPE6_F)	1	2211654T		
Q960 or	TR	2SC2235-O(TPE6_F)	(1)	2211653T		
[TRANS COIL]						
L4001	CHOKE COIL	LBC2518T2R2M	1	231364M022R2		
[CAPACITOR]						
C4001	C-CERA C	CC725CH1H-152J1	1		NSP	<B C2MDC, CMDC>
C4002	C-CERA C	CC725CH1H-152J1	1		NSP	<B C2MDC, CMDC>
C4003	UPZ C	2AUPZTF221JE	1	376332214T		
C4004	UPZ C	2AUPZTF221JE	1	376332214T		
C4009	C-CERA C	CC725CH1H-221J1	1		NSP	
C4010	C-CERA C	CC725CH1H-221J1	1		NSP	
C4013	C-CERA C	CC725CH1H-221J1	1		NSP	
C4014	C-CERA C	CC725CH1H-221J1	1		NSP	
C4017	C-CERA C	CC725CH1H-221J1	1		NSP	
C4018	C-CERA C	CC725CH1H-221J1	1		NSP	
C4019	UPZ C	2AUPZTF221JE	1	376332214T		
C4020	UPZ C	2AUPZTF221JE	1	376332214T		
C4027	C-CERA C	CC725CH1H-221J1	1		NSP	
C4030	C-CERA C	CC725CH1H-221J1	1		NSP	<B C2MDC, CMDC>
C4031	C-CERA C	CC725CH1H-221J1	1		NSP	<B C2MDC, CMDC>
C4050	UTSP C	CE04W25V-47M(UTSP)	1	397554707T		
C4051	UTSP C	CE04W25V-47M(UTSP)	1	397554707T		
C4052	UTSP C	CE04W25V-47M(UTSP)	1	397554707T		
C4053	UTSP C	CE04W25V-47M(UTSP)	1	397554707T		
C4054	UTSP C	CE04W25V-47M(UTSP)	1	397554707T		
C4055	UTSP C	CE04W25V-47M(UTSP)	1	397554707T		
C4056	UTSP C	CE04W25V-47M(UTSP)	1	397554707T		
C4057	UTSP C	CE04W25V-47M(UTSP)	1	397554707T		
C4060	UTSP C	CE04W25V-47M(UTSP)	1	397554707T		
C4061	UTSP C	CE04W25V-47M(UTSP)	1	397554707T		
C4062	TF C	ECQ-V50V-474J	1	374724744T		
C4063	TF C	ECQ-V50V-823J	1	374728234T		
C4064	TF C	ECQ-V50V-223J	1	374722234T		
C4065	TF C	ECQ-V50V-474J	1	374724744T		
C4066	TF C	ECQ-V50V-823J	1	374728234T		
C4067	TF C	ECQ-V50V-223J	1	374722234T		
C4070	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		

C4071	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C4072	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C4073	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C4074	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C4075	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C4076	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C4077	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C4085	UTSP C	CE04W25V-47M(UTSP)	1	397554707T		
C4086	UTSP C	CE04W25V-47M(UTSP)	1	397554707T		
C4090	C-CERA C	CC725CH1H-101J1	1		NSP	
C4091	C-CERA C	CC725CH1H-101J1	1		NSP	
C4100	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C4101	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C4102	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C4103	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C4104	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C4105	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C4106	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C4107	UTSP C	CE04W25V-100M(UTSP)	1	397551017T		
C4108	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		<B C2MDC, CMDC>
C4109	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		<B C2MDC, CMDC>
C4130	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C4131	C-CERA C	CC725CH1H-221J1	1		NSP	
C4132	TF C	ECQ-V50V-103J	1	374721034T		
C4166	UTSP C	CE04W25V-220M(UTSP)	1	397552217T		
C4167	UTSP C	CE04W25V-220M(UTSP)	1	397552217T		
C4170	UTSP C	CE04W50V-10M(UTSP)	1	397581007T		
C4171	UTSP C	CE04W50V-10M(UTSP)	1	397581007T		
C4172	UTSP C	CE04W25V-220M(UTSP)	1	397552217T		
C4173	UTSP C	CE04W25V-220M(UTSP)	1	397552217T		
C4174	UTSP C	CE04W16V-470M(UTSP)	1	397544717T		
C4175	UTSP C	CE04W16V-470M(UTSP)	1	397544717T		
C4203	C-CERA C	CC725CH1H-102J1	1		NSP	
C4204	C-CERA C	CC725CH1H-102J1	1		NSP	
C4205	C-CERA C	CC725CH1H-102J1	1		NSP	
C4207	C-CERA C	CC725CH1H-102J1	1		NSP	<B C2MDC, CMDC>
C4208	C-CERA C	CC725CH1H-102J1	1		NSP	
C4209	UTSP C	CE04W25V-47M(UTSP)	1	397554707T		
C4210	UTSP C	CE04W25V-47M(UTSP)	1	397554707T		
C4300	TF C	ECQ-V50V-334J	1	374723344T		
C4301	VR C	CE04W35V-1000M(VR)	1	394661027S		
C4302	VR C	CE04W35V-470M(VR)	1	394664717T		
C5000	UPZ C	2AUPZTF221JE	1	376332214T		

C5001	UPZ C	2AUPZTF221JE	1	376332214T		
C5002	UPZ C	2AUPZTF221JE	1	376332214T		
C5003	UPZ C	2AUPZTF221JE	1	376332214T		
C5004	UPZ C	2AUPZTF221JE	1	376332214T		
C5005	UPZ C	2AUPZTF221JE	1	376332214T		
C5006	UPZ C	2AUPZTF221JE	1	376332214T		
C5010	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C5011	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C5012	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C5013	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C5014	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C5015	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C5016	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C5020	UTSP C	CE04W50V-10M(UTSP)	1	397581007T		
C5021	UTSP C	CE04W50V-10M(UTSP)	1	397581007T		
C5022	UTSP C	CE04W50V-10M(UTSP)	1	397581007T		
C5023	UTSP C	CE04W50V-10M(UTSP)	1	397581007T		
C5024	UTSP C	CE04W50V-10M(UTSP)	1	397581007T		
C5025	UTSP C	CE04W50V-10M(UTSP)	1	397581007T		
C5026	UTSP C	CE04W50V-10M(UTSP)	1	397581007T		
C5040	UTSP C	CE04W25V-220M(UTSP)	1	397552217T		
C5041	UTSP C	CE04W25V-220M(UTSP)	1	397552217T		
C5042	UTSP C	CE04W25V-220M(UTSP)	1	397552217T		
C5043	UTSP C	CE04W25V-220M(UTSP)	1	397552217T		
C5044	UTSP C	CE04W25V-220M(UTSP)	1	397552217T		
C5045	UTSP C	CE04W25V-220M(UTSP)	1	397552217T		
C5046	UTSP C	CE04W25V-220M(UTSP)	1	397552217T		
C5050	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C5051	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C5052	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C5053	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C5054	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C5055	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C5056	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C5080	CERA C	CC45SL50V-040C	1	345020401T		
C5081	CERA C	CC45SL50V-040C	1	345020401T		
C5082	CERA C	CC45SL50V-040C	1	345020401T		
C5083	CERA C	CC45SL50V-040C	1	345020401T		
C5084	CERA C	CC45SL50V-040C	1	345020401T		
C5085	CERA C	CC45SL50V-040C	1	345020401T		
C5086	CERA C	CC45SL50V-040C	1	345020401T		
C5090	UPZ C	2AUPZTF101JE	1	376331014T		
C5091	UPZ C	2AUPZTF101JE	1	376331014T		

C5092	UPZ C	2AUPZTF101JE	1	376331014T		
C5093	UPZ C	2AUPZTF101JE	1	376331014T		
C5094	UPZ C	2AUPZTF101JE	1	376331014T		
C5095	UPZ C	2AUPZTF101JE	1	376331014T		
C5096	UPZ C	2AUPZTF101JE	1	376331014T		
C5100	VR C	CE04W100V-22M(VR)	1	394692207T		
C5101	VR C	CE04W100V-22M(VR)	1	394692207T		
C5102	VR C	CE04W100V-22M(VR)	1	394692207T		
C5103	VR C	CE04W100V-22M(VR)	1	394692207T		
C5104	VR C	CE04W100V-22M(VR)	1	394692207T		
C5105	VR C	CE04W100V-22M(VR)	1	394692207T		
C5106	VR C	CE04W100V-22M(VR)	1	394692207T		
C5110	VR C	CE04W100V-22M(VR)	1	394692207T		
C5111	VR C	CE04W100V-22M(VR)	1	394692207T		
C5112	VR C	CE04W100V-22M(VR)	1	394692207T		
C5113	VR C	CE04W100V-22M(VR)	1	394692207T		
C5114	VR C	CE04W100V-22M(VR)	1	394692207T		
C5115	VR C	CE04W100V-22M(VR)	1	394692207T		
C5116	VR C	CE04W100V-22M(VR)	1	394692207T		
C6030	TF C	ECQ-V50V-473J	1	374724734T		
C6031	TF C	ECQ-V50V-473J	1	374724734T		
C6032	TF C	ECQ-V50V-473J	1	374724734T		
C6033	TF C	ECQ-V50V-473J	1	374724734T		
C6034	TF C	ECQ-V50V-473J	1	374724734T		
C6035	TF C	ECQ-V50V-473J	1	374724734T		
C6036	TF C	ECQ-V50V-473J	1	374724734T		
C6040	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C6041	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C6042	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C6043	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C6044	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C6045	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C6046	UTSP C	CE04W50V 47M(UTSP)	1	397584707T		
C6050	TF C	ECQ-V50V-103J	1	374721034T		
C6051	TF C	ECQ-V50V-103J	1	374721034T		
C6052	TF C	ECQ-V50V-103J	1	374721034T		
C6053	TF C	ECQ-V50V-103J	1	374721034T		
C6054	TF C	ECQ-V50V-103J	1	374721034T		
C6055	TF C	ECQ-V50V-103J	1	374721034T		
C6056	TF C	ECQ-V50V-103J	1	374721034T		
C6701	UTSP C	CE04W25V-100M(UTSP)	1	397551017T		
C6703	C-CERA C	CK725F1H-104Z1	1		NSP	
C6704	UTSP C	CE04W50V-1M(UTSP)	1	397580107T		

C6706	UTSP C	CE04W50V-10M(UTSP)	1	397581007T		
C6713	C-CERA C	CK725F1E-104Z1	1		NSP	
C6714	UTSP C	CE04W50V-1M(UTSP)	1	397580107T		
C6901	ELECT C	CE69W63V-8200MB	1	3504420		<B C2MDC, CMDC>
C6902	ELECT C	CE69W63V-8200MB	1	3504420		<B C2MDC, CMDC>
C6911	C-CERA C	CC725CH1H-102J1	1		NSP	
C6912	TF C	ECQ-V50V-334J	1	374723344T		
C6913	TF C	ECQ-V50V-334J	1	374723344T		
C950	TF C	ECQ-V50V-104J	1	374721044T		
C960	VR C	CE04W63V-220M(VR)	1	394672217T		
C961	VR C	CE04W50V-47M(VR)	1	394684707T		
C962	C-CERA C	CK725F1E-104Z1	1		NSP	
[RESISTOR]						
R4000	C-CARBON R	RN72K1J-331JE	1		NSP	
R4003	C-CARBON R	RN72K1J-331JE	1		NSP	
R4004	C-CARBON R	RN72K1J-331JE	1		NSP	
R4009	C-CARBON R	RN72K1J-331JE	1		NSP	
R4010	C-CARBON R	RN72K1J-331JE	1		NSP	
R4013	C-CARBON R	RN72K1J-331JE	1		NSP	
R4014	C-CARBON R	RN72K1J-331JE	1		NSP	
R4015	C-CARBON R	RN72K1J-222JE	1		NSP	
R4016	C-CARBON R	RN72K1J-222JE	1		NSP	
R4017	C-CARBON R	RN72K1J-331JE	1		NSP	
R4018	C-CARBON R	RN72K1J-331JE	1		NSP	
R4019	C-CARBON R	RN72K1J-331JE	1		NSP	
R4020	C-CARBON R	RN72K1J-331JE	1		NSP	
R4023	C-CARBON R	RN72K1J-000JE	1		NSP	
R4028	C-CARBON R	RN72K1J-101JE	1		NSP	
R4030	C-CARBON R	RN72K1J-331JE	1		NSP	<B C2MDC, CMDC>
R4031	C-CARBON R	RN72K1J-331JE	1		NSP	<B C2MDC, CMDC>
R4043	C-CARBON R	RN72K1J-104JE	1		NSP	
R4044	C-CARBON R	RN72K1J-104JE	1		NSP	
R4049	C-CARBON R	RN72K1J-104JE	1		NSP	
R4050	C-CARBON R	RN72K1J-104JE	1		NSP	
R4053	C-CARBON R	RN72K1J-104JE	1		NSP	
R4054	C-CARBON R	RN72K1J-104JE	1		NSP	
R4055	C-CARBON R	RN72K1J-224JE	1		NSP	
R4056	C-CARBON R	RN72K1J-224JE	1		NSP	
R4057	C-CARBON R	RN72K1J-104JE	1		NSP	
R4058	C-CARBON R	RN72K1J-104JE	1		NSP	
R4059	C-CARBON R	RN72K1J-104JE	1		NSP	
R4060	C-CARBON R	RN72K1J-104JE	1		NSP	
R4067	C-CARBON R	RN72K1J-104JE	1		NSP	<B C2MDC, CMDC>

R4068	C-CARBON R	RN72K1J-104JE	1		NSP	<B C2MDC, CMDC>
R4069	C-CARBON R	RN72K1J-224JE	1		NSP	
R4070	C-CARBON R	RN72K1J-222JE	1		NSP	<B C2MDC, CMDC>
R4071	C-CARBON R	RN72K1J-222JE	1		NSP	<B C2MDC, CMDC>
R4077	C-CARBON R	RN72K1J-223JE	1		NSP	
R4078	C-CARBON R	RN72K1J-473JE	1		NSP	
R4079	C-CARBON R	RN72K1J-473JE	1		NSP	
R4080	C-CARBON R	RN72K1J-104JE	1		NSP	
R4081	C-CARBON R	RN72K1J-104JE	1		NSP	
R4082	C-CARBON R	RN72K1J-104JE	1		NSP	
R4083	C-CARBON R	RN72K1J-000JE	1		NSP	
R4084	C-CARBON R	RN72K1J-000JE	1		NSP	
R4085	C-CARBON R	RN72K1J-182JE	1		NSP	
R4086	C-CARBON R	RN72K1J-182JE	1		NSP	
R4087	C-CARBON R	RN72K1J-103JE	1		NSP	
R4088	C-CARBON R	RN72K1J-103JE	1		NSP	
R4089	C-CARBON R	RN72K1J-000JE	1		NSP	
R4090	C-CARBON R	RN72K1J-123JE	1		NSP	
R4091	C-CARBON R	RN72K1J-223JE	1		NSP	
R4092	C-CARBON R	RN72K1J-331JE	1		NSP	
R4093	C-CARBON R	RN72K1J-332JE	1		NSP	
R4094	C-CARBON R	RN72K1J-103JE	1		NSP	
R4095	C-CARBON R	RN72K1J-103JE	1		NSP	
R4096	C-CARBON R	RN72K1J-331JE	1		NSP	
R4097	C-CARBON R	RN72K1J-332JE	1		NSP	
R4098	C-CARBON R	RN72K1J-123JE	1		NSP	
R4099	C-CARBON R	RN72K1J-223JE	1		NSP	
R4100	C-CARBON R	RN72K1J-224JE	1		NSP	
R4101	C-CARBON R	RN72K1J-224JE	1		NSP	
R4102	C-CARBON R	RN72K1J-224JE	1		NSP	
R4103	C-CARBON R	RN72K1J-224JE	1		NSP	
R4104	C-CARBON R	RN72K1J-224JE	1		NSP	
R4105	C-CARBON R	RN72K1J-224JE	1		NSP	
R4106	C-CARBON R	RN72K1J-224JE	1		NSP	
R4107	C-CARBON R	RN72K1J-224JE	1		NSP	
R4108	C-CARBON R	RN72K1J-224JE	1		NSP	<B C2MDC, CMDC>
R4109	C-CARBON R	RN72K1J-224JE	1		NSP	<B C2MDC, CMDC>
R4110	C-CARBON R	RN72K1J-222JE	1		NSP	
R4111	C-CARBON R	RN72K1J-222JE	1		NSP	
R4112	C-CARBON R	RN72K1J-222JE	1		NSP	
R4113	C-CARBON R	RN72K1J-222JE	1		NSP	
R4114	C-CARBON R	RN72K1J-222JE	1		NSP	
R4115	C-CARBON R	RN72K1J-222JE	1		NSP	

R4116	C-CARBON R	RN72K1J-222JE	1		NSP	
R4117	C-CARBON R	RN72K1J-271JE	1		NSP	
R4118	C-CARBON R	RN72K1J-222JE	1		NSP	<B C2MDC, CMDC>
R4119	C-CARBON R	RN72K1J-222JE	1		NSP	<B C2MDC, CMDC>
R4127	C-CARBON R	RN72K1J-101JE	1		NSP	
R4130	C-CARBON R	RN72K1J-221JE	1		NSP	
R4131	C-CARBON R	RN72K1J-473JE	1		NSP	
R4132	C-CARBON R	RN72K1J-153JE	1		NSP	
R4133	C-CARBON R	RN72K1J-122JE	1		NSP	
R4134	C-CARBON R	RN72K1J-103JE	1		NSP	
R4160	METAL R	RNU1WCJ-0.22	1	453632294T		<B C2MDC, CMDC>
R4161	METAL R	RNU1WCJ-0.22	1	453632294T		<B C2MDC, CMDC>
R4166	CARBON R	R16J-22	1	417342204T		
R4167	CARBON R	R16J-22	1	417342204T		
R4170	METAL O R	RS2WBJ-4.7	1	441720474F		<B C2MDC, CMDC>
R4171	METAL O R	RS2WBJ-12	1	441721204F		<B C2MDC, CMDC>
R4174	METAL O R	RS1WBJ-68	1	443626804T		
R4175	METAL O R	RS1WBJ-68	1	443626804T		
R4176	METAL O R	RS1WBJ-47	1	443624704T		
R4177	METAL O R	RS1WBJ-47	1	443624704T		
R4180	C-CARBON R	RN72K1J-224JE	1		NSP	<B C2MDC, CMDC>
R4181	C-CARBON R	RN72K1J-224JE	1		NSP	
R4182	C-CARBON R	RN72K1J-224JE	1		NSP	<B C2MDC, CMDC>
R4189	C-CARBON R	RN72K1J-224JE	1		NSP	
R4190	C-CARBON R	RN72K1J-224JE	1		NSP	
R4192	C-CARBON R	RN72K1J-224JE	1		NSP	
R4193	C-CARBON R	RN72K1J-224JE	1		NSP	
R4194	C-CARBON R	RN72K1J-224JE	1		NSP	
R4195	C-CARBON R	RN72K1J-224JE	1		NSP	
R4196	C-CARBON R	RN72K1J-224JE	1		NSP	
R4211	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>
R4213	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>
R4235	C-CARBON R	RN72K1J-000JE	1		NSP	
R4305	C-CARBON R	RN72K1J-512JE	1		NSP	
R4306	C-CARBON R	RN72K1J-512JE	1		NSP	
R4307	C-CARBON R	RN72K1J-512JE	1		NSP	
R5000	C-CARBON R	RN72K1J-102JE	1		NSP	
R5001	C-CARBON R	RN72K1J-102JE	1		NSP	
R5002	C-CARBON R	RN72K1J-102JE	1		NSP	
R5003	C-CARBON R	RN72K1J-102JE	1		NSP	
R5004	C-CARBON R	RN72K1J-102JE	1		NSP	
R5005	C-CARBON R	RN72K1J-102JE	1		NSP	
R5006	C-CARBON R	RN72K1J-102JE	1		NSP	

R5010	CARBON R	R16J-120K	1	417341244T		
R5011	CARBON R	R16J-120K	1	417341244T		
R5012	CARBON R	R16J-120K	1	417341244T		
R5013	CARBON R	R16J-120K	1	417341244T		
R5014	CARBON R	R16J-120K	1	417341244T		
R5015	CARBON R	R16J-120K	1	417341244T		
R5016	CARBON R	R16J-120K	1	417341244T		
R5020	CARBON R	R16J-330	1	417343314T		
R5021	CARBON R	R16J-330	1	417343314T		
R5022	CARBON R	R16J-330	1	417343314T		
R5023	CARBON R	R16J-330	1	417343314T		
R5024	CARBON R	R16J-330	1	417343314T		
R5025	CARBON R	R16J-330	1	417343314T		
R5026	CARBON R	R16J-330	1	417343314T		
R5030	CARBON R	R16J-120K	1	417341244T		
R5031	CARBON R	R16J-120K	1	417341244T		
R5032	CARBON R	R16J-120K	1	417341244T		
R5033	CARBON R	R16J-120K	1	417341244T		
R5034	CARBON R	R16J-120K	1	417341244T		
R5035	CARBON R	R16J-120K	1	417341244T		
R5036	CARBON R	R16J-120K	1	417341244T		
R5040	CARBON R	R16J-2.2K	1	417342224T		
R5041	CARBON R	R16J-2.2K	1	417342224T		
R5042	CARBON R	R16J-2.2K	1	417342224T		
R5043	CARBON R	R16J-2.2K	1	417342224T		
R5044	CARBON R	R16J-2.2K	1	417342224T		
R5045	CARBON R	R16J-2.2K	1	417342224T		
R5046	CARBON R	R16J-2.2K	1	417342224T		
R5050	CARBON R	R16J-4.7K	1	417344724T		
R5051	CARBON R	R16J-4.7K	1	417344724T		
R5052	CARBON R	R16J-4.7K	1	417344724T		
R5053	CARBON R	R16J-4.7K	1	417344724T		
R5054	CARBON R	R16J-4.7K	1	417344724T		
R5055	CARBON R	R16J-4.7K	1	417344724T		
R5056	CARBON R	R16J-4.7K	1	417344724T		
R5060	CARBON R	R16J-1.2K	1	417341224T		
R5061	CARBON R	R16J-1.2K	1	417341224T		
R5062	CARBON R	R16J-1.2K	1	417341224T		
R5063	CARBON R	R16J-1.2K	1	417341224T		
R5064	CARBON R	R16J-1.2K	1	417341224T		
R5065	CARBON R	R16J-1.2K	1	417341224T		
R5066	CARBON R	R16J-1.2K	1	417341224T		
R5070	CARBON R	R16J-1K	1	417341024T		

R5071	CARBON R	R16J-1K	1	417341024T		
R5072	CARBON R	R16J-1K	1	417341024T		
R5073	CARBON R	R16J-1K	1	417341024T		
R5074	CARBON R	R16J-1K	1	417341024T		
R5075	CARBON R	R16J-1K	1	417341024T		
R5076	CARBON R	R16J-1K	1	417341024T		
R5080	CARBON R	R16J-1K	1	417341024T		
R5081	CARBON R	R16J-1K	1	417341024T		
R5082	CARBON R	R16J-1K	1	417341024T		
R5083	CARBON R	R16J-1K	1	417341024T		
R5084	CARBON R	R16J-1K	1	417341024T		
R5085	CARBON R	R16J-1K	1	417341024T		
R5086	CARBON R	R16J-1K	1	417341024T		
R5090	C-CARBON R	RN72K1J-104JE	1		NSP	
R5091	C-CARBON R	RN72K1J-104JE	1		NSP	
R5092	C-CARBON R	RN72K1J-104JE	1		NSP	
R5093	C-CARBON R	RN72K1J-104JE	1		NSP	
R5094	C-CARBON R	RN72K1J-104JE	1		NSP	
R5095	C-CARBON R	RN72K1J-104JE	1		NSP	
R5096	C-CARBON R	RN72K1J-104JE	1		NSP	
R5100	C-CARBON R	RN72K1J-104JE	1		NSP	
R5101	C-CARBON R	RN72K1J-104JE	1		NSP	
R5102	C-CARBON R	RN72K1J-104JE	1		NSP	
R5103	C-CARBON R	RN72K1J-104JE	1		NSP	
R5104	C-CARBON R	RN72K1J-104JE	1		NSP	
R5105	C-CARBON R	RN72K1J-104JE	1		NSP	
R5106	C-CARBON R	RN72K1J-104JE	1		NSP	
R5110	CARBON R	R16J-1K	1	417341024T		
R5111	CARBON R	R16J-1K	1	417341024T		
R5112	CARBON R	R16J-1K	1	417341024T		
R5113	CARBON R	R16J-1K	1	417341024T		
R5114	CARBON R	R16J-1K	1	417341024T		
R5115	CARBON R	R16J-1K	1	417341024T		
R5116	CARBON R	R16J-1K	1	417341024T		
R5120	CARBON R	R16J-120K	1	417341244T		
R5121	CARBON R	R16J-120K	1	417341244T		
R5122	CARBON R	R16J-120K	1	417341244T		
R5123	CARBON R	R16J-120K	1	417341244T		
R5124	CARBON R	R16J-120K	1	417341244T		
R5125	CARBON R	R16J-120K	1	417341244T		
R5126	CARBON R	R16J-120K	1	417341244T		
R5130	CARBON R	R16J-22K	1	417342234T		
R5131	CARBON R	R16J-22K	1	417342234T		

R5132	CARBON R	R16J-22K	1	417342234T		
R5133	CARBON R	R16J-22K	1	417342234T		
R5134	CARBON R	R16J-22K	1	417342234T		
R5135	CARBON R	R16J-22K	1	417342234T		
R5136	CARBON R	R16J-22K	1	417342234T		
R5160	NF CARBON R	R25J-100	1	415471014T		
R5161	NF CARBON R	R25J-100	1	415471014T		
R5162	NF CARBON R	R25J-100	1	415471014T		
R5163	NF CARBON R	R25J-100	1	415471014T		
R5164	NF CARBON R	R25J-100	1	415471014T		
R5165	NF CARBON R	R25J-100	1	415471014T		
R5166	NF CARBON R	R25J-100	1	415471014T		
R5170	NF CARBON R	R25J-100	1	415471014T		
R5171	NF CARBON R	R25J-100	1	415471014T		
R5172	NF CARBON R	R25J-100	1	415471014T		
R5173	NF CARBON R	R25J-100	1	415471014T		
R5174	NF CARBON R	R25J-100	1	415471014T		
R5175	NF CARBON R	R25J-100	1	415471014T		
R5176	NF CARBON R	R25J-100	1	415471014T		
R5180	NF CARBON R	R25J-10	1	415471004T		
R5181	NF CARBON R	R25J-10	1	415471004T		
R5182	NF CARBON R	R25J-10	1	415471004T		
R5183	NF CARBON R	R25J-10	1	415471004T		
R5184	NF CARBON R	R25J-10	1	415471004T		
R5185	NF CARBON R	R25J-10	1	415471004T		
R5186	NF CARBON R	R25J-10	1	415471004T		
R5190	NF CARBON R	R25J-10	1	415471004T		
R5191	NF CARBON R	R25J-10	1	415471004T		
R5192	NF CARBON R	R25J-10	1	415471004T		
R5193	NF CARBON R	R25J-10	1	415471004T		
R5194	NF CARBON R	R25J-10	1	415471004T		
R5195	NF CARBON R	R25J-10	1	415471004T		
R5196	NF CARBON R	R25J-10	1	415471004T		
R5200	CARBON R	R16J-22K	1	417342234T		
R5201	CARBON R	R16J-22K	1	417342234T		
R5202	CARBON R	R16J-22K	1	417342234T		
R5203	CARBON R	R16J-22K	1	417342234T		
R5204	CARBON R	R16J-22K	1	417342234T		
R5205	CARBON R	R16J-22K	1	417342234T		
R5206	CARBON R	R16J-22K	1	417342234T		
R5230	CARBON R	R16J-120K	1	417341244T		
R5231	CARBON R	R16J-120K	1	417341244T		
R5232	CARBON R	R16J-120K	1	417341244T		

R5233	CARBON R	R16J-120K	1	417341244T		
R5234	CARBON R	R16J-120K	1	417341244T		
R5235	CARBON R	R16J-120K	1	417341244T		
R5236	CARBON R	R16J-120K	1	417341244T		
R5301	C-CARBON R	RN72K1J-000JE	1		NSP	
R5302	C-CARBON R	RN72K1J-000JE	1		NSP	
R5303	C-CARBON R	RN72K1J-000JE	1		NSP	
R5304	C-CARBON R	RN72K1J-000JE	1		NSP	
R5305	C-CARBON R	RN72K1J-000JE	1		NSP	
R5306	C-CARBON R	RN72K1J-000JE	1		NSP	
R5307	C-CARBON R	RN72K1J-000JE	1		NSP	
R5308	C-CARBON R	RN72K1J-000JE	1		NSP	
R5309	C-CARBON R	RN72K1J-000JE	1		NSP	
R5310	C-CARBON R	RN72K1J-000JE	1		NSP	
R5311	C-CARBON R	RN72K1J-000JE	1		NSP	
R5312	C-CARBON R	RN72K1J-000JE	1		NSP	
R5313	C-CARBON R	RN72K1J-000JE	1		NSP	
R5314	C-CARBON R	RN72K1J-000JE	1		NSP	
R5315	C-CARBON R	RN72K1J-000JE	1		NSP	
R5316	C-CARBON R	RN72K1J-000JE	1		NSP	
R5317	C-CARBON R	RN72K1J-000JE	1		NSP	
R5318	C-CARBON R	RN72K1J-000JE	1		NSP	
R5319	C-CARBON R	RN72K1J-000JE	1		NSP	
R6000	C-CARBON R	RN72K1J-562JE	1		NSP	
R6001	C-CARBON R	RN72K1J-562JE	1		NSP	
R6002	C-CARBON R	RN72K1J-562JE	1		NSP	
R6003	C-CARBON R	RN72K1J-562JE	1		NSP	
R6004	C-CARBON R	RN72K1J-562JE	1		NSP	
R6005	C-CARBON R	RN72K1J-562JE	1		NSP	
R6006	C-CARBON R	RN72K1J-562JE	1		NSP	
R6010	C-CARBON R	RN72K1J-392JE	1		NSP	
R6011	C-CARBON R	RN72K1J-392JE	1		NSP	
R6012	C-CARBON R	RN72K1J-392JE	1		NSP	
R6013	C-CARBON R	RN72K1J-392JE	1		NSP	
R6014	C-CARBON R	RN72K1J-392JE	1		NSP	
R6015	C-CARBON R	RN72K1J-392JE	1		NSP	
R6016	C-CARBON R	RN72K1J-392JE	1		NSP	
R6020	NF CARBON R	R25J-2.2	1	415470224T		
R6021	NF CARBON R	R25J-2.2	1	415470224T		
R6022	NF CARBON R	R25J-2.2	1	415470224T		
R6023	NF CARBON R	R25J-2.2	1	415470224T		
R6024	NF CARBON R	R25J-2.2	1	415470224T		
R6025	NF CARBON R	R25J-2.2	1	415470224T		

R6026	NF CARBON R	R25J-2.2	1	415470224T		
R6030	CARBON R	R16J-470	1	417344714T		
R6031	CARBON R	R16J-470	1	417344714T		
R6032	CARBON R	R16J-470	1	417344714T		
R6033	CARBON R	R16J-470	1	417344714T		
R6034	CARBON R	R16J-470	1	417344714T		
R6035	CARBON R	R16J-470	1	417344714T		
R6036	CARBON R	R16J-470	1	417344714T		
R6040	TRIM R	N06HR2KBC	1	5210390T		
R6041	TRIM R	N06HR2KBC	1	5210390T		
R6042	TRIM R	N06HR2KBC	1	5210390T		
R6043	TRIM R	N06HR2KBC	1	5210390T		
R6044	TRIM R	N06HR2KBC	1	5210390T		
R6045	TRIM R	N06HR2KBC	1	5210390T		
R6046	TRIM R	N06HR2KBC	1	5210390T		
R6050	C-CARBON R	RN72K1J-332JE	1		NSP	
R6051	C-CARBON R	RN72K1J-332JE	1		NSP	
R6052	C-CARBON R	RN72K1J-332JE	1		NSP	
R6053	C-CARBON R	RN72K1J-332JE	1		NSP	
R6054	C-CARBON R	RN72K1J-332JE	1		NSP	
R6055	C-CARBON R	RN72K1J-332JE	1		NSP	
R6056	C-CARBON R	RN72K1J-332JE	1		NSP	
R6070	NF CARBON R	R25J-100	1	415471014T		
R6071	NF CARBON R	R25J-100	1	415471014T		
R6072	NF CARBON R	R25J-100	1	415471014T		
R6073	NF CARBON R	R25J-100	1	415471014T		
R6074	NF CARBON R	R25J-100	1	415471014T		
R6075	NF CARBON R	R25J-100	1	415471014T		
R6076	NF CARBON R	R25J-100	1	415471014T		
R6080	NF CARBON R	R25J-0.22	1	415472294T		
R6081	NF CARBON R	R25J-0.22	1	415472294T		
R6082	NF CARBON R	R25J-0.22	1	415472294T		
R6083	NF CARBON R	R25J-0.22	1	415472294T		
R6084	NF CARBON R	R25J-0.22	1	415472294T		
R6085	NF CARBON R	R25J-0.22	1	415472294T		
R6086	NF CARBON R	R25J-0.22	1	415472294T		
R6090	NF CARBON R	R25J-0.22	1	415472294T		
R6091	NF CARBON R	R25J-0.22	1	415472294T		
R6092	NF CARBON R	R25J-0.22	1	415472294T		
R6093	NF CARBON R	R25J-0.22	1	415472294T		
R6094	NF CARBON R	R25J-0.22	1	415472294T		
R6095	NF CARBON R	R25J-0.22	1	415472294T		
R6096	NF CARBON R	R25J-0.22	1	415472294T		

R6100	METAL PR	MPR2W+2W 0R22	1	4000234		
R6100 or	METAL P R	RF-2EGPJR22	(1)	4000243		
R6101	METAL PR	MPR2W+2W 0R22	1	4000234		
R6101 or	METAL P R	RF-2EGPJR22	(1)	4000243		
R6102	METAL PR	MPR2W+2W 0R22	1	4000234		
R6102 or	METAL P R	RF-2EGPJR22	(1)	4000243		
R6103	METAL PR	MPR2W+2W 0R22	1	4000234		
R6103 or	METAL P R	RF-2EGPJR22	(1)	4000243		
R6104	METAL PR	MPR2W+2W 0R22	1	4000234		
R6104 or	METAL P R	RF-2EGPJR22	(1)	4000243		
R6105	METAL PR	MPR2W+2W 0R22	1	4000234		
R6105 or	METAL P R	RF-2EGPJR22	(1)	4000243		
R6106	METAL PR	MPR2W+2W 0R22	1	4000234		
R6106 or	METAL P R	RF-2EGPJR22	(1)	4000243		
R6130	METAL R	RNU1WCJ-8.2	1	453630824T		
R6131	METAL R	RNU1WCJ-8.2	1	453630824T		
R6132	METAL R	RNU1WCJ-8.2	1	453630824T		
R6133	METAL R	RNU1WCJ-8.2	1	453630824T		
R6134	METAL R	RNU1WCJ-8.2	1	453630824T		
R6135	METAL R	RNU1WCJ-8.2	1	453630824T		
R6136	METAL R	RNU1WCJ-8.2	1	453630824T		
R6140	C-CARBON R	RN72K1J-563JE	1		NSP	
R6141	C-CARBON R	RN72K1J-563JE	1		NSP	
R6142	C-CARBON R	RN72K1J-563JE	1		NSP	
R6143	C-CARBON R	RN72K1J-563JE	1		NSP	
R6144	C-CARBON R	RN72K1J-563JE	1		NSP	
R6145	C-CARBON R	RN72K1J-563JE	1		NSP	
R6146	C-CARBON R	RN72K1J-563JE	1		NSP	
R6150	C-CARBON R	RN72K1J-103JE	1		NSP	
R6151	C-CARBON R	RN72K1J-103JE	1		NSP	
R6152	C-CARBON R	RN72K1J-103JE	1		NSP	
R6153	C-CARBON R	RN72K1J-103JE	1		NSP	
R6154	C-CARBON R	RN72K1J-103JE	1		NSP	
R6155	C-CARBON R	RN72K1J-103JE	1		NSP	
R6156	C-CARBON R	RN72K1J-103JE	1		NSP	
R6160	C-CARBON R	RN72K1J-333JE	1		NSP	
R6161	C-CARBON R	RN72K1J-333JE	1		NSP	
R6162	C-CARBON R	RN72K1J-333JE	1		NSP	
R6163	C-CARBON R	RN72K1J-333JE	1		NSP	
R6164	C-CARBON R	RN72K1J-333JE	1		NSP	
R6165	C-CARBON R	RN72K1J-333JE	1		NSP	
R6166	C-CARBON R	RN72K1J-333JE	1		NSP	
R6170	C-CARBON R	RN72K1J-473JE	1		NSP	

R6171	C-CARBON R	RN72K1J-473JE	1		NSP	
R6172	C-CARBON R	RN72K1J-473JE	1		NSP	
R6173	C-CARBON R	RN72K1J-473JE	1		NSP	
R6174	C-CARBON R	RN72K1J-473JE	1		NSP	
R6175	C-CARBON R	RN72K1J-473JE	1		NSP	
R6176	C-CARBON R	RN72K1J-473JE	1		NSP	
R6180	C-CARBON R	RN72K1J-473JE	1		NSP	
R6181	C-CARBON R	RN72K1J-473JE	1		NSP	
R6182	C-CARBON R	RN72K1J-473JE	1		NSP	
R6183	C-CARBON R	RN72K1J-473JE	1		NSP	
R6184	C-CARBON R	RN72K1J-473JE	1		NSP	
R6185	C-CARBON R	RN72K1J-473JE	1		NSP	
R6186	C-CARBON R	RN72K1J-473JE	1		NSP	
R6197	METAL R	RNU1WCJ-8.2	1	453630824T		<B C2MDC, CMDC>
R6701	CARBON R	R16J-22K	1	417342234T		
R6702	C-CARBON R	RN72K1J-103JE	1		NSP	
R6704	C-CARBON R	RN72K1J-473JE	1		NSP	
R6706	C-CARBON R	RN72K1J-224JE	1		NSP	
R6708	C-CARBON R	RN72K1J-333JE	1		NSP	
R6709	C-CARBON R	RN72K1J-562JE	1		NSP	
R6710	C-CARBON R	RN72K1J-562JE	1		NSP	
R6712	C-CARBON R	RN72K1J-103JE	1		NSP	
R6714	C-CARBON R	RN72K1J-473JE	1		NSP	
R6716	C-CARBON R	RN72K1J-224JE	1		NSP	
R6902	C-CARBON R	RN72K1J-102JE	1		NSP	
R6903	C-CARBON R	RN72K1J-473JE	1		NSP	
R6912	C-CARBON R	RN72K1J-000JE	1		NSP	
R950	METAL O R	RS1WBJ-10	1	443621004T		
R960	METAL R	RNU1/2WCJ-8.2	1	453530824T		
R961	METAL R	RNU1/2WCJ-3.3	1	453530334T		
R962	C-CARBON R	RN72K1J-822JE	1		NSP	
R963	C-CARBON R	RN72K1J-822JE	1		NSP	
R964	C-CARBON R	RN72K1J-333JE	1		NSP	
[SW TRM]						
F6901C	FUSE HOL	NSCT-1P2031	1	25052133T		
F6901D	FUSE HOL	NSCT-1P2031	1	25052133T		
F6902C	FUSE HOL	NSCT-1P2031	1	25052133T		
F6902D	FUSE HOL	NSCT-1P2031	1	25052133T		
JL501A	WIRE HOL	NSCT-3P874	1	25051087		
JL502A	WIRE HOL	NSCT-5P876	1	25051089		
JL503A	WIRE HOL	NSCT-3P874	1	25051087		<B C2MDC, CMDC>
JL600A	WIRE HOL	NSCT-7P898	1	25051111		
JL603A	WIRE HOL	NSCT-9P900	1	25051113		

JL604A	WIRE HOL	NSCT-5P896	1	25051109		
JL951A	WIRE HOL	NSCT-5P896	1	25051109		
JL951B	SOCKET	NSCT-5P97	1	25050269		
JL952A	WIRE HOL	NSCT-3P894	1	25051107		
JL953B	WIRE TRAP	NPLG-5P588	1	25055626		
JL954A	WIRE HOL	NSCT-5P896	1	25051109		
JL954B	WIRE HOL	NSCT-5P896	1	25051109		
P4000	ST JACK	MSJ-035-22	1	25045887		
P4000 or	JACK	YKB21-5130	(1)	25045387		
P4002	PIN JACK	NPJ-2PDWR595	1	25045815		<B C2MDC, CMDC>
P4003	PIN JACK	NPJ-2PDWR558	1	25045776		
P4003 or	PIN JACK	NPJ-2PDBL185	(1)	25045333		
P4004	PIN JACK	NPJ-4PDWWRR624	1	25045845		
P4004 or	PIN JACK	NPJ-4PDBL162	(1)	25045303		
P4005	PIN JACK	NPJ-4PDWWRR624	1	25045845		
P4005 or	PIN JACK	NPJ-4PDBL162	(1)	25045303		
P4007	PIN JACK	NPJ-2PDWR558	1	25045776		<B C2MDC, CMDC>
P4007 or	PIN JACK	NPJ-2PDBL185	(1)	25045333		<B C2MDC, CMDC>
P4010	PIN JACK	NPJ-1PDP555	1	25045773		
P5501B	PLUG	NPLG-7P0962	1	25056012		
P5502B	PLUG	NPLG-15P0970	1	25056020		
P5503B	PLUG	NPLG-9P0964	1	25056014		
P5504B	PLUG	NPLG-3P0958	1	25056008		<B C2MDC, CMDC>
P6080	PLUG	NPLG-2P29	1	25055038		
P6081	PLUG	NPLG-2P29	1	25055038		
P6082	PLUG	NPLG-2P29	1	25055038		
P6083	PLUG	NPLG-2P29	1	25055038		
P6084	PLUG	NPLG-2P29	1	25055038		
P6085	PLUG	NPLG-2P29	1	25055038		
P6086	PLUG	NPLG-2P29	1	25055038		
P6102	HOLDER	(CRAMP) UA-0 V0	1		NSP	
P6604	WS CLAMP	CB-71683(L=50)	1		NSP	
P6606	TRM	NTM-4PDM422	1	25060494		
P6900	CRIMP AS	CRIMP AS	1	20799165UL		
P6901	CRIMP AS	CRIMP AS	1	2069925202UL		
P6902	CRIMP AS	CRIMP AS	1	2069925189UL		
P6903	CRIMP AS	UL1015#18SIN-SVH 200 YEL	1	20799172UL		
P6904	CRIMP AS	CRIMP AS	1	20799164UL		
P6911A	RETAINER	(BUS)	1		NSP	
P6991	TRM-423(SCREW)	NEJITANSI ST3	1		NSP	
RL6901	RELAY	NRL-1P10A-DC12-196	1	25065707	N	
RL6901 or	RELAY	NRL-1P10A-DC12-197	(1)	25065708	N	
RL6901 or	RELAY	NRL-1P10A-DC12-198	(1)	25065709		

RL6902	RELAY	NRL-1P10A-DC12-196	1	25065707	N	
RL6902 or	RELAY	NRL-1P10A-DC12-197	(1)	25065708	N	
RL6902 or	RELAY	NRL-1P10A-DC12-198	(1)	25065709		

HT-R680

PC BOARD PARTS LIST

U003	DG-AS(MPU DIR DAC U-port Asy) U0030+U0031	BADG-0364-1Q *	1	1B247564-1Q	N	<B C2MDC, CMDC>
U0030	DG-AS(MPU DIR DAC Asy)	BADG-0364-1Q	1	1B2475364-1Q	N	<B C2MDC, CMDC>
U0031	PWB(U-port)	BAETC-0365-1Q	1	1B2475365-1Q	N	<B C2MDC, CMDC>

CIRCUIT	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[SEMI CONDUCTOR]					
D110	C-DIODE	KDS4148U	1		NSP
D110 or	C-DIODE	1SS352	(1)		NSP
D110 or	C-DIODE	MA2J111	(1)		NSP
D111	C-DIODE	KDS4148U	1		NSP
D111 or	C-DIODE	1SS352	(1)		NSP
D111 or	C-DIODE	MA2J111	(1)		NSP
D112	ZENER D	UDZS10B	1	224551000R2	<B C2MDC, CMDC>
D131	C-DIODE	KDS4148U	1		NSP
D131 or	C-DIODE	1SS352	(1)		NSP
D131 or	C-DIODE	MA2J111	(1)		NSP
D132	C-DIODE	KDS4148U	1		NSP
D132 or	C-DIODE	1SS352	(1)		NSP
D132 or	C-DIODE	MA2J111	(1)		NSP
D182	DIODE	RL1N4003	1	22380260T	
D183	DIODE	RL1N4003	1	22380260T	
D601	C-DIODE	KDS4148U	1		NSP
D601 or	C-DIODE	1SS352	(1)		NSP
D601 or	C-DIODE	MA2J111	(1)		NSP
D701	C-DIODE	KDS4148U	1		NSP
D701 or	C-DIODE	1SS352	(1)		NSP
D701 or	C-DIODE	MA2J111	(1)		NSP
D702	C-DIODE	KDS4148U	1		NSP
D702 or	C-DIODE	1SS352	(1)		NSP
D702 or	C-DIODE	MA2J111	(1)		NSP
Q111	TR	2SC2235-Y(TPE6_F)	1	2211654T	<B C2MDC, CMDC>
Q131	IC	TC74HCU04AF	1	222740046R2TO	
Q131 or	IC	74HCU04F	(1)	222740046R2	
Q153	IC	R1EX25064ASA00A	1	22242581R2	
Q153 or	IC	M95640-WMN6TP	(1)	22242643R2	N
Q181	TR	KRC105S	1	2217290R2	

Q181 or	TR	RN1405	(1)	2214500R2		
Q2804	IC	NJM4580M-D	1	22241448R2		
Q301	IC	PCM9210PTR	1	22242629R2	N	
Q302	IC	PCM1690DCAR	1	22242599R2		
Q401	IC	NJM4580M-D	1	22241448R2		
Q402	IC	NJM4580M-D	1	22241448R2		
Q403	IC	NJM4580M-D	1	22241448R2		
Q404	IC	NJM4580M-D	1	22241448R2		<B C2MDC, CMDC>
Q405	IC	NJM4580M-D	1	22241448R2		<B C2MDC, CMDC>
Q601	TR	KRC104S	1	2216210R2		
Q601 or	TR	RN1404	(1)	2214490R2		
Q701	IC (MMPU)	MPD70F3746(03530)IC(FLASH	1	222W0079R303530		
Q702	IC	S-812C33AUA-C2N	1	22242222R2		
Q703	IC	S-812C56AUA-C3K	1	22242207R2		
Q704	IC	SN74CB3Q3305PWR	1	22242258R2		
Q746	IC	XC6221B332MR	1	22242633R2		
Q751	TR	KRC104S	1	2216210R2		
Q751 or	TR	RN1404	(1)	2214490R2		
Q752	TR	KRA102S	1	2216220R2		
Q752 or	TR	RN2402	(1)	2214530R2		
Q753	TR	KRA107S	1	2216350R2		
Q753 or	TR	RN2407(TE85L_F)	(1)	2216360R2		
Q754	TR	KRC102S	1	2216190R2		
Q754 or	TR	RN1402	(1)	2214470R2		
Q755	TR	KRA107S	1	2216350R2		
Q755 or	TR	RN2407(TE85L_F)	(1)	2216360R2		
Q756	TR	KRC102S	1	2216190R2		
Q756 or	TR	RN1402	(1)	2214470R2		
Q757	TR	KRC107S	1	2216340R2		
Q757 or	TR	RN1407	(1)	2216260R2		
Q761	TR	KRC104S	1	2216210R2		<B C2MDC, CMDC>
Q761 or	TR	RN1404	(1)	2214490R2		<B C2MDC, CMDC>
Q762	TR	KRA102S	1	2216220R2		<B C2MDC, CMDC>
Q762 or	TR	RN2402	(1)	2214530R2		<B C2MDC, CMDC>
Q771	TR	KRC104S	1	2216210R2		<B C2MDC, CMDC>
Q771 or	TR	RN1404	(1)	2214490R2		<B C2MDC, CMDC>
Q772	TR	KRA102S	1	2216220R2		<B C2MDC, CMDC>
Q772 or	TR	RN2402	(1)	2214530R2		<B C2MDC, CMDC>
[TRANS COIL]						
L131	CHOKE COIL	LBC2518T2R2M	1	231364M022R2		
L132	CHOKE COIL	LBC2518T2R2M	1	231364M022R2		<B C2MDC, CMDC>
L133	CHOKE COIL	LBC2518T470M	1	231364M470R2		
L134	CHOKE COIL	LBC2518T470M	1	231364M470R2		

L135	C-CARBON R	RN72K1J-000JE	1	435030004R1		
L136	C-CARBON R	RN72K1J-000JE	1	435030004R1		<B C2MDC, CMDC>
L153	CORE	BLM18PG181SN1D	1	2350005R1		
L2800	CORE	BLM18PG181SN1D	1	2350005R1		
L2801	CORE	BLM18PG181SN1D	1	2350005R1		
L2802	CORE	BLM18PG181SN1D	1	2350005R1		
L2803	EMIFIL	BK1608LM182-T	1	230958R1		
L2804	EMIFIL	BK1608LM182-T	1	230958R1		
L2805	EMIFIL	BK1608LM182-T	1	230958R1		
L2806	EMIFIL	BK1608LM182-T	1	230958R1		
L2807	EMIFIL	BK1608LM182-T	1	230958R1		
L2808	EMIFIL	BK1608LM182-T	1	230958R1		
L2809	EMIFIL	BK1608LM182-T	1	230958R1		
L2810	EMIFIL	BK1608LM182-T	1	230958R1		
L2811	EMIFIL	BK1608LM182-T	1	230958R1		
L2812	EMIFIL	BK1608LM182-T	1	230958R1		
L2813	EMIFIL	BK1608LM182-T	1	230958R1		
L2814	EMIFIL	BK1608LM182-T	1	230958R1		
L2815	EMIFIL	BK1608LM182-T	1	230958R1		
L2816	EMIFIL	BK1608LM182-T	1	230958R1		
L2817	EMIFIL	BK1608LM182-T	1	230958R1		
L2818	EMIFIL	BK1608LM182-T	1	230958R1		
L301	EMIFIL	BK1608LM182-T	1	230958R1		
L302	EMIFIL	BK1608LM182-T	1	230958R1		
L303	CHOKE COIL	LBC2518T4R7M	1	231364M047R2		
L304	CHOKE COIL	LBC2518T4R7M	1	231364M047R2		
L305	CHOKE COIL	LBC2518T4R7M	1	231364M047R2		
L307	C-CARBON R	RN72K1J-000JE	1	435030004R1		
L401	CHOKE COIL	LBC2518T4R7M	1	231364M047R2		
L402	CHOKE COIL	LBC2518T4R7M	1	231364M047R2		
L500	CORE	BLM18PG181SN1D	1	2350005R1		
L742	CHOKE COIL	BLM21PG221SN1	1	230949R2		
L743	CORE	BLM18PG181SN1D	1	2350005R1		
L744	CORE	BLM18PG181SN1D	1	2350005R1		
L746	CORE	BLM18PG181SN1D	1	2350005R1		
L747	CORE	BLM18PG181SN1D	1	2350005R1		
X171	CRYSTAL	HC-49US24.576MHz	1	3010490T	N	
X501	CERA LOCK	CSTCR5M00G53-B0	1	3010356R2		
[CAPACITOR]						
C102	C-CERA C	CK725F1E-104Z1	1		NSP	<B C2MDC, CMDC>
C111	UTSP C	CE04W25V-47M(UTSP)	1	397554707T		<B C2MDC, CMDC>
C112	C-CERA C	CK725F1E-104Z1	1		NSP	<B C2MDC, CMDC>
C114	UTSP C	CE04W25V-47M(UTSP)	1	397554707T		<B C2MDC, CMDC>

C130	C-CERA C	CK725F1E-104Z1	1		NSP	
C131	C-CERA C	CC725CH1H-101J1	1		NSP	
C132	C-CERA C	CC725CH1H-101J1	1		NSP	<B C2MDC, CMDC>
C133	C-CERA C	CK725B1C-104K1	1		NSP	
C134	C-CERA C	CK725B1C-104K1	1		NSP	<B C2MDC, CMDC>
C135	C-CERA C	CC725CH1H-080D1	1		NSP	
C136	C-CERA C	CC725CH1H-080D1	1		NSP	<B C2MDC, CMDC>
C139	UTSP C	CE04W10V-220M(UTSP)	1	397532217T		
C140	C-CERA C	CK725F1E-104Z1	1		NSP	
C141	C-CERA C	CK725F1E-104Z1	1		NSP	
C142	C-CERA C	CK725F1E-104Z1	1		NSP	
C143	C-CERA C	CC725CH1H-330J1	1		NSP	
C144	C-CERA C	CC725CH1H-330J1	1		NSP	
C145	UTSP C	CE04W10V-220M(UTSP)	1	397532217T		
C151	C-CERA C	CK725F1E-104Z1	1		NSP	
C172	C-CERA C	CC725CH1H-180J1	1		NSP	
C173	C-CERA C	CC725CH1H-180J1	1		NSP	
C2850	C-CERA C	CC725CH1H-471J1	1		NSP	
C2851	C-CERA C	CC725CH1H-471J1	1		NSP	
C2852	C-CERA C	CC725CH1H-470J1	1		NSP	
C2855	C-CERA C	CK725F1E-104Z1	1		NSP	
C2870	C-CERA C	CC725CH1H-101J1	1		NSP	
C2871	C-CERA C	CC725CH1H-101J1	1		NSP	
C2877	UTSP C	CE04W50V-10M(UTSP)	1	397581007T		
C2878	UTSP C	CE04W50V-10M(UTSP)	1	397581007T		
C2880	C-CERA C	CC725CH1H-101J1	1		NSP	
C2881	C-CERA C	CC725CH1H-101J1	1		NSP	
C2882	C-CERA C	CC725CH1H-101J1	1		NSP	
C2883	C-CERA C	CC725CH1H-101J1	1		NSP	
C2884	C-CERA C	CK725B1A-105K1	1		NSP	
C2885	C-CERA C	CK725B1A-105K1	1		NSP	
C2886	C-CERA C	CC725CH1H-471J1	1		NSP	
C2887	C-CERA C	CC725CH1H-471J1	1		NSP	
C2888	C-CERA C	CK725F1E-104Z1	1		NSP	
C2889	C-CERA C	CK725F1E-104Z1	1		NSP	
C2891	C-CERA C	CK725B1A-105K1	1		NSP	
C2892	C-CERA C	CK725B1A-105K1	1		NSP	
C2893	C-CERA C	CC725CH1H-471J1	1		NSP	
C2894	C-CERA C	CC725CH1H-471J1	1		NSP	
C2895	C-CERA C	CC725CH1H-471J1	1		NSP	
C2896	C-CERA C	CC725CH1H-471J1	1		NSP	
C2897	C-CERA C	CK725B1A-105K1	1		NSP	
C2898	C-CERA C	CK725B1A-105K1	1		NSP	

C305	C-CERA C	CK725F1E-104Z1	1		NSP	
C306	UTSP C	CE04W10V-470M(UTSP)	1	397534717T		
C307	C-CERA C	CK725F1E-104Z1	1		NSP	
C312	C-CERA C	CC725CH1H-221J1	1		NSP	
C313	C-CERA C	CK725F1E-104Z1	1		NSP	
C314	UTSP C	CE04W10V-470M(UTSP)	1	397534717T		
C315	C-CERA C	CK725B1H-472K1	1		NSP	
C316	C-CERA C	CK725B1H-473K1	1		NSP	
C317	C-CERA C	CK725F1E-104Z1	1		NSP	
C318	UTSP C	CE04W10V-470M(UTSP)	1	397534717T		
C319	UTSJ C	CE04W25V-47M(UTSJ)	1	398054707AT		<B C2MDC, CMDC>
C320	C-CERA C	CK725B1H-223K1	1		NSP	
C351	UTSP C	CE04W10V-470M(UTSP)	1	397534717T		
C352	C-CERA C	CK725F1E-104Z1	1		NSP	
C353	UTSP C	CE04W10V-470M(UTSP)	1	397534717T		
C354	C-CERA C	CK725F1E-104Z1	1		NSP	
C355	C-CERA C	CK725F1E-104Z1	1		NSP	
C356	UTSJ C	CE04W25V-47M(UTSJ)	1	398054707AT		<B C2MDC, CMDC>
C357	C-CERA C	CK725F1E-104Z1	1		NSP	
C400	UPZ C	2AUPZTF471JE	1	376334714T		<B C2MDC, CMDC>
C401	UPZ C	2AUPZTF471JE	1	376334714T		<B C2MDC, CMDC>
C402	UPZ C	2AUPZTF471JE	1	376334714T		
C403	UPZ C	2AUPZTF471JE	1	376334714T		
C404	UPZ C	2AUPZTF471JE	1	376334714T		
C405	UPZ C	2AUPZTF471JE	1	376334714T		<B C2MDC, CMDC>
C406	UPZ C	2AUPZTF471JE	1	376334714T		<B C2MDC, CMDC>
C407	UPZ C	2AUPZTF471JE	1	376334714T		
C410	UPZ C	2AUPZTF101JE	1	376331014T		<B C2MDC, CMDC>
C411	UPZ C	2AUPZTF101JE	1	376331014T		<B C2MDC, CMDC>
C412	UPZ C	2AUPZTF101JE	1	376331014T		
C413	C-CERA C	CC725CH1H-101J1	1		NSP	
C414	C-CERA C	CC725CH1H-101J1	1		NSP	
C415	C-CERA C	CC725CH1H-101J1	1		NSP	<B C2MDC, CMDC>
C416	C-CERA C	CC725CH1H-101J1	1		NSP	<B C2MDC, CMDC>
C417	UPZ C	2AUPZTF101JE	1	376331014T		
C420	UPZ C	2AUPZTF101JE	1	376331014T		<B C2MDC, CMDC>
C421	UPZ C	2AUPZTF101JE	1	376331014T		<B C2MDC, CMDC>
C422	UPZ C	2AUPZTF101JE	1	376331014T		
C423	C-CERA C	CC725CH1H-101J1	1		NSP	
C424	C-CERA C	CC725CH1H-101J1	1		NSP	
C425	C-CERA C	CC725CH1H-101J1	1		NSP	<B C2MDC, CMDC>
C426	C-CERA C	CC725CH1H-101J1	1		NSP	<B C2MDC, CMDC>
C427	UPZ C	2AUPZTF101JE	1	376331014T		

C470	UTSP C	CE04W50V-10M(UTSP)	1	397581007T		<B C2MDC, CMDC>
C471	UTSP C	CE04W50V-10M(UTSP)	1	397581007T		<B C2MDC, CMDC>
C472	C-CERA C	CK725B1A-105K1	1		NSP	<B C2MDC, CMDC>
C473	C-CERA C	CK725B1A-105K1	1		NSP	<B C2MDC, CMDC>
C498	UTSP C	CE04W25V-100M(UTSP)	1	397551017T		
C499	UTSP C	CE04W25V-100M(UTSP)	1	397551017T		
C501	UTSP C	CE04W50V-4.7M(UTSP)	1	397580477T		
C502	C-CERA C	CK725F1E-104Z1	1		NSP	
C503	C-CERA C	CK725F1E-104Z1	1		NSP	
C504	C-CERA C	CK725F1E-104Z1	1		NSP	
C505	C-CERA C	CK725F1E-104Z1	1		NSP	
C507	C-CERA C	CK725F1E-104Z1	1		NSP	
C508	C-CERA C	CK725F1E-104Z1	1		NSP	
C509	C-CERA C	CK725B0J-106K	1		NSP	
C511	C-CERA C	CK725B1H-102K1	1		NSP	
C512	C-CERA C	CK725B1H-102K1	1		NSP	
C513	C-CERA C	CC725CH1H-101J1	1		NSP	
C514	C-CERA C	CC725CH1H-101J1	1		NSP	
C515	C-CERA C	CC725CH1H-101J1	1		NSP	<B C2MDC, CMDC>
C516	C-CERA C	CC725CH1H-101J1	1		NSP	<B C2MDC, CMDC>
C517	C-CERA C	CK725F1E-104Z1	1		NSP	<B C2MDC, CMDC>
C518	C-CERA C	CK725B1H-102K1	1		NSP	
C519	C-CERA C	CK725B1H-102K1	1		NSP	
C520	C-CERA C	CK725B1H-102K1	1		NSP	
C522	C-CERA C	CK725F1E-104Z1	1		NSP	
C523	C-CERA C	CK725B1H-102K1	1		NSP	
C524	C-CERA C	CK725B1H-102K1	1		NSP	
C525	C-CERA C	CK725F1E-104Z1	1		NSP	
C526	C-CERA C	CK725B1H-102K1	1		NSP	
C527	C-CERA C	CK725B1H-102K1	1		NSP	
C528	C-CERA C	CK725F1E-104Z1	1		NSP	
C551	C-CERA C	CK725F1E-104Z1	1		NSP	
C552	C-CERA C	CK725F1E-104Z1	1		NSP	
C613	C-CERA C	CK732B1C-474K	1		NSP	
C629	C-CERA C	CK725F1E-104Z1	1		NSP	
C701	C-CERA C	CK725F1E-104Z1	1		NSP	
C705	C-CERA C	CK725B0J-106K	1		NSP	
C706	UTSP C	CE04W16V-470M(UTSP)	1	397544717T		
C707	UTSP C	CE04W10V-100M(UTSP)	1	397531017T		
C708	UTSP C	CE04W10V-470M(UTSP)	1	397534717T		
C709	C-CERA C	CK725F1E-104Z1	1		NSP	
C710	C-CERA C	CK725F1E-104Z1	1		NSP	
C744	C-CERA C	CK725F1E-104Z1	1		NSP	

C745	C-CERA C	CK725B0J-106K	1		NSP	
C748	UTSP C	CE04W10V-100M(UTSP)	1	397531017T		
C751	UTSP C	CE04W50V-0.47M(UTSP)	1	397584797T		
C753	UTSP C	CE04W10V-470M(UTSP)	1	397534717T		
C761	UTSP C	CE04W50V-0.47M(UTSP)	1	397584797T		<B C2MDC, CMDC>
C762	C-CERA C	CK732B1C-474K	1		NSP	<B C2MDC, CMDC>
C771	UTSP C	CE04W50V-0.47M(UTSP)	1	397584797T		<B C2MDC, CMDC>
C772	C-CERA C	CK732B1C-474K	1		NSP	<B C2MDC, CMDC>
C800	C-CERA C	CK725F1E-104Z1	1		NSP	
C801	C-CERA C	CK725B1H-103K1	1		NSP	
C802	C-CERA C	CK725F1E-104Z1	1		NSP	
[RESISTOR]						
R110	C-CARBON R	RN72K1J-103JE	1		NSP	
R112	METAL O R	RS1/2WBJ-10	1	443521004T		<B C2MDC, CMDC>
R113	C-CARBON R	RN72K1J-221JE	1		NSP	<B C2MDC, CMDC>
R114	C-CARBON R	RN72K1J-221JE	1		NSP	<B C2MDC, CMDC>
R115	C-CARBON R	RN72K1J-333JE	1		NSP	<B C2MDC, CMDC>
R131	C-CARBON R	RN72K1J-750JE	1		NSP	
R132	C-CARBON R	RN72K1J-750JE	1		NSP	<B C2MDC, CMDC>
R133	C-CARBON R	RN72K1J-100JE	1		NSP	
R134	C-CARBON R	RN72K1J-100JE	1		NSP	<B C2MDC, CMDC>
R137	C-CARBON R	RN72K1J-103JE	1		NSP	
R138	C-CARBON R	RN72K1J-103JE	1		NSP	<B C2MDC, CMDC>
R139	C-CARBON R	RN72K1J-823JE	1		NSP	
R140	C-CARBON R	RN72K1J-823JE	1		NSP	<B C2MDC, CMDC>
R141	C-CARBON R	RN72K1J-470JE	1		NSP	
R142	C-CARBON R	RN72K1J-470JE	1		NSP	
R151	C-CARBON R	RN72K1J-103JE	1		NSP	
R152	C-CARBON R	RN72K1J-103JE	1		NSP	
R153	C-CARBON R	RN72K1J-222JE	1		NSP	
R154	C-CARBON R	RN72K1J-103JE	1		NSP	
R181	METAL R	RNU1/2WCJ-4.7	1	453530474T		
R182	METAL R	RNU1/2WCJ-1	1	453530104T		
R2800	THERMISTOR	FUSB090F	1	4000252T		
R2804	C-CARBON R	RN72K1J-123JE	1		NSP	
R2805	C-CARBON R	RN72K1J-123JE	1		NSP	
R2806	C-CARBON R	RN72K1J-223JE	1		NSP	
R2807	C-CARBON R	RN72K1J-223JE	1		NSP	
R2808	C-CARBON R	RN72K1J-123JE	1		NSP	
R2809	C-CARBON R	RN72K1J-123JE	1		NSP	
R2810	C-CARBON R	RN72K1J-223JE	1		NSP	
R2811	C-CARBON R	RN72K1J-223JE	1		NSP	
R2820	C-CARBON R	RN72K1J-471JE	1		NSP	

R2821	C-CARBON R	RN72K1J-471JE	1		NSP	
R2830	C-CARBON R	RN72K1J-105JE	1		NSP	
R2848	C-CARBON R	RN72K1J-000JE	1		NSP	
R2849	C-CARBON R	RN72K1J-000JE	1		NSP	
R2852	C-CARBON R	RN72K1J-750JE	1		NSP	
R2861	C-CARBON R	RN72K1J-103JE	1		NSP	
R2862	C-CARBON R	RN72K1J-103JE	1		NSP	
R2863	C-CARBON R	RN72K1J-103JE	1		NSP	
R2864	C-CARBON R	RN72K1J-103JE	1		NSP	
R301	C-CARBON R	RN72K1J-470JE	1		NSP	
R302	C-CARBON R	RN72K1J-000JE	1		NSP	
R304	C-CARBON R	RN72K1J-221JE	1		NSP	
R305	C-CARBON R	RN72K1J-221JE	1		NSP	
R306	C-CARBON R	RN72K1J-330JE	1		NSP	
R307	C-CARBON R	RN72K1J-331JE	1		NSP	
R308	C-CARBON R	RN72K1J-331JE	1		NSP	
R312	C-CARBON R	RN72K1J-470JE	1		NSP	
R313	C-CARBON R	RN72K1J-470JE	1		NSP	
R314	C-CARBON R	RN72K1J-151JE	1		NSP	
R315	C-CARBON R	RN72K1J-151JE	1		NSP	
R316	C-CARBON R	RN72K1J-470JE	1		NSP	
R317	C-CARBON R	RN72K1J-331JE	1		NSP	
R321	C-CARBON R	RN72K1J-331JE	1		NSP	
R322	C-CARBON R	RN72K1J-331JE	1		NSP	
R323	C-CARBON R	RN72K1J-331JE	1		NSP	<B C2MDC, CMDC>
R324	C-CARBON R	RN72K1J-331JE	1		NSP	
R325	C-CARBON R	RN72K1J-331JE	1		NSP	
R326	C-CARBON R	RN72K1J-331JE	1		NSP	
R327	C-CARBON R	RN72K1J-221JE	1		NSP	
R331	C-CARBON R	RN72K1J-221JE	1		NSP	
R332	C-CARBON R	RN72K1J-681JE	1		NSP	
R333	C-CARBON R	RN72K1J-221JE	1		NSP	
R341	C-CARBON R	RN72K1J-000JE	1		NSP	
R350	C-CARBON R	RN72K1J-331JE	1		NSP	
R351	C-CARBON R	RN72K1J-331JE	1		NSP	
R352	C-CARBON R	RN72K1J-331JE	1		NSP	
R354	C-CARBON R	RN72K1J-221JE	1		NSP	
R355	C-CARBON R	RN72K1J-220JE	1		NSP	
R356	C-CARBON R	RN72K1J-220JE	1		NSP	
R357	C-CARBON R	RN72K1J-220JE	1		NSP	
R358	C-CARBON R	RN72K1J-220JE	1		NSP	
R359	C-CARBON R	RN72K1J-220JE	1		NSP	
R360	C-CARBON R	RN72K1J-220JE	1		NSP	

R361	C-CARBON R	RN72K1J-331JE	1		NSP	
R362	C-CARBON R	RN72K1J-472JE	1		NSP	
R371	C-CARBON R	RN72K1J-102JE	1		NSP	
R400	C-CARBON R	RN72K1J-153JE	1		NSP	
R401	C-CARBON R	RN72K1J-153JE	1		NSP	
R402	C-CARBON R	RN72K1J-153JE	1		NSP	
R403	C-CARBON R	RN72K1J-153JE	1		NSP	
R404	C-CARBON R	RN72K1J-153JE	1		NSP	
R405	C-CARBON R	RN72K1J-153JE	1		NSP	<B C2MDC, CMDC>
R406	C-CARBON R	RN72K1J-153JE	1		NSP	<B C2MDC, CMDC>
R407	C-CARBON R	RN72K1J-153JE	1		NSP	
R410	C-CARBON R	RN72K1J-153JE	1		NSP	
R411	C-CARBON R	RN72K1J-153JE	1		NSP	
R412	C-CARBON R	RN72K1J-153JE	1		NSP	
R413	C-CARBON R	RN72K1J-153JE	1		NSP	
R414	C-CARBON R	RN72K1J-153JE	1		NSP	
R415	C-CARBON R	RN72K1J-153JE	1		NSP	<B C2MDC, CMDC>
R416	C-CARBON R	RN72K1J-153JE	1		NSP	<B C2MDC, CMDC>
R417	C-CARBON R	RN72K1J-153JE	1		NSP	
R420	C-CARBON R	RN72K1J-103JE	1		NSP	<B C2MDC, CMDC>
R421	C-CARBON R	RN72K1J-103JE	1		NSP	<B C2MDC, CMDC>
R430	C-CARBON R	RN72K1J-103JE	1		NSP	<B C2MDC, CMDC>
R431	C-CARBON R	RN72K1J-103JE	1		NSP	<B C2MDC, CMDC>
R440	C-CARBON R	RN72K1J-123JE	1		NSP	<B C2MDC, CMDC>
R441	C-CARBON R	RN72K1J-123JE	1		NSP	<B C2MDC, CMDC>
R442	C-CARBON R	RN72K1J-223JE	1		NSP	
R443	C-CARBON R	RN72K1J-223JE	1		NSP	
R444	C-CARBON R	RN72K1J-223JE	1		NSP	
R445	C-CARBON R	RN72K1J-223JE	1		NSP	<B C2MDC, CMDC>
R446	C-CARBON R	RN72K1J-223JE	1		NSP	<B C2MDC, CMDC>
R447	C-CARBON R	RN72K1J-223JE	1		NSP	
R450	C-CARBON R	RN72K1J-123JE	1		NSP	<B C2MDC, CMDC>
R451	C-CARBON R	RN72K1J-123JE	1		NSP	<B C2MDC, CMDC>
R452	C-CARBON R	RN72K1J-223JE	1		NSP	
R453	C-CARBON R	RN72K1J-223JE	1		NSP	
R454	C-CARBON R	RN72K1J-223JE	1		NSP	
R455	C-CARBON R	RN72K1J-223JE	1		NSP	<B C2MDC, CMDC>
R456	C-CARBON R	RN72K1J-223JE	1		NSP	<B C2MDC, CMDC>
R457	C-CARBON R	RN72K1J-223JE	1		NSP	
R460	C-CARBON R	RN72K1J-182JE	1		NSP	<B C2MDC, CMDC>
R461	C-CARBON R	RN72K1J-182JE	1		NSP	<B C2MDC, CMDC>
R462	C-CARBON R	RN72K1J-182JE	1		NSP	
R463	C-CARBON R	RN72K1J-182JE	1		NSP	

R464	C-CARBON R	RN72K1J-182JE	1		NSP	
R465	C-CARBON R	RN72K1J-182JE	1		NSP	<B C2MDC, CMDC>
R466	C-CARBON R	RN72K1J-182JE	1		NSP	<B C2MDC, CMDC>
R467	C-CARBON R	RN72K1J-182JE	1		NSP	
R470	C-CARBON R	RN72K1J-182JE	1		NSP	<B C2MDC, CMDC>
R471	C-CARBON R	RN72K1J-182JE	1		NSP	<B C2MDC, CMDC>
R472	C-CARBON R	RN72K1J-182JE	1		NSP	
R473	C-CARBON R	RN72K1J-182JE	1		NSP	
R474	C-CARBON R	RN72K1J-182JE	1		NSP	
R475	C-CARBON R	RN72K1J-182JE	1		NSP	<B C2MDC, CMDC>
R476	C-CARBON R	RN72K1J-182JE	1		NSP	<B C2MDC, CMDC>
R477	C-CARBON R	RN72K1J-182JE	1		NSP	
R480	C-CARBON R	RN72K1J-273JE	1		NSP	<B C2MDC, CMDC>
R481	C-CARBON R	RN72K1J-273JE	1		NSP	<B C2MDC, CMDC>
R482	C-CARBON R	RN72K1J-223JE	1		NSP	<B C2MDC, CMDC>
R483	C-CARBON R	RN72K1J-223JE	1		NSP	<B C2MDC, CMDC>
R484	C-CARBON R	RN72K1J-103JE	1		NSP	<B C2MDC, CMDC>
R485	C-CARBON R	RN72K1J-103JE	1		NSP	<B C2MDC, CMDC>
R486	C-CARBON R	RN72K1J-103JE	1		NSP	<B C2MDC, CMDC>
R487	C-CARBON R	RN72K1J-103JE	1		NSP	<B C2MDC, CMDC>
R490	C-CARBON R	RN72K1J-102JE	1		NSP	<B C2MDC, CMDC>
R491	C-CARBON R	RN72K1J-102JE	1		NSP	<B C2MDC, CMDC>
R498	C-CARBON R	RN72K1J-100JE	1		NSP	
R499	C-CARBON R	RN72K1J-100JE	1		NSP	
R501	C-CARBON R	RN72K1J-473JE	1		NSP	
R503	C-CARBON R	RN72K1J-103JE	1		NSP	
R504	C-CARBON R	RN72K1J-000JE	1		NSP	
R505	C-CARBON R	RN72K1J-103JE	1		NSP	
R506	C-CARBON R	RN72K1J-221JE	1		NSP	
R508	C-CARBON R	RN72K1J-105JE	1		NSP	
R509	C-CARBON R	RN72K1J-221JE	1		NSP	
R510	C-CARBON R	RN72K1J-470JE	1		NSP	
R511	C-CARBON R	RN72K1J-473JE	1		NSP	
R512	C-CARBON R	RN72K1J-221JE	1		NSP	
R514	C-CARBON R	RN72K1J-470JE	1		NSP	
R515	C-CARBON R	RN72K1J-470JE	1		NSP	
R516	C-CARBON R	RN72K1J-470JE	1		NSP	
R517	C-CARBON R	RN72K1J-470JE	1		NSP	
R518	C-CARBON R	RN72K1J-103JE	1		NSP	
R519	C-CARBON R	RN72K1J-470JE	1		NSP	
R520	C-CARBON R	RN72K1J-103JE	1		NSP	
R521	C-CARBON R	RN72K1J-470JE	1		NSP	
R522	C-CARBON R	RN72K1J-470JE	1		NSP	

R523	C-CARBON R	RN72K1J-470JE	1		NSP	
R524	C-CARBON R	RN72K1J-103JE	1		NSP	<B C2MDC, CMDC>
R527	C-CARBON R	RN72K1J-470JE	1		NSP	
R529	C-CARBON R	RN72K1J-470JE	1		NSP	
R530	C-CARBON R	RN72K1J-470JE	1		NSP	
R531	C-CARBON R	RN72K1J-103JE	1		NSP	
R532	C-CARBON R	RN72K1J-472JE	1		NSP	
R533	C-CARBON R	RN72K1J-472JE	1		NSP	
R534	C-CARBON R	RN72K1J-223JE	1		NSP	
R535	C-CARBON R	RN72K1J-223JE	1		NSP	
R536	C-CARBON R	RN72K1J-223JE	1		NSP	
R537	C-CARBON R	RN72K1J-223JE	1		NSP	
R538	C-CARBON R	RN72K1J-103JE	1		NSP	
R543	C-CARBON R	RN72K1J-103JE	1		NSP	
R544	C-CARBON R	RN72K1J-221JE	1		NSP	
R545	C-CARBON R	RN72K1J-221JE	1		NSP	
R546	C-CARBON R	RN72K1J-221JE	1		NSP	
R547	C-CARBON R	RN72K1J-221JE	1		NSP	
R548	C-CARBON R	RN72K1J-221JE	1		NSP	
R550	C-CARBON R	RN72K1J-470JE	1		NSP	
R551	C-CARBON R	RN72K1J-103JE	1		NSP	
R552	C-CARBON R	RN72K1J-103JE	1		NSP	
R553	C-CARBON R	RN72K1J-470JE	1		NSP	
R554	C-CARBON R	RN72K1J-103JE	1		NSP	
R556	C-CARBON R	RN72K1J-470JE	1		NSP	
R557	C-CARBON R	RN72K1J-103JE	1		NSP	
R558	C-CARBON R	RN72K1J-470JE	1		NSP	
R559	C-CARBON R	RN72K1J-272JE	1		NSP	
R562	C-CARBON R	RN72K1J-103JE	1		NSP	
R563	C-CARBON R	RN72K1J-103JE	1		NSP	
R565	C-CARBON R	RN72K1J-470JE	1		NSP	<B C2MDC, CMDC>
R566	C-CARBON R	RN72K1J-222JE	1		NSP	<B C2MDC, CMDC>
R567	C-CARBON R	RN72K1J-470JE	1		NSP	<B C2MDC, CMDC>
R568	C-CARBON R	RN72K1J-222JE	1		NSP	<B C2MDC, CMDC>
R569	C-CARBON R	RN72K1J-102JE	1		NSP	<B C2MDC, CMDC>
R570	C-CARBON R	RN72K1J-273JE	1		NSP	<B C2MDC, CMDC>
R571	C-CARBON R	RN72K1J-102JE	1		NSP	<B C2MDC, CMDC>
R572	C-CARBON R	RN72K1J-273JE	1		NSP	<B C2MDC, CMDC>
R573	C-CARBON R	RN72K1J-221JE	1		NSP	
R574	C-CARBON R	RN72K1J-470JE	1		NSP	
R575	C-CARBON R	RN72K1J-470JE	1		NSP	
R576	C-CARBON R	RN72K1J-470JE	1		NSP	
R578	C-CARBON R	RN72K1J-470JE	1		NSP	

R579	C-CARBON R	RN72K1J-470JE	1		NSP	
R580	C-CARBON R	RN72K1J-103JE	1		NSP	
R581	C-CARBON R	RN72K1J-103JE	1		NSP	
R582	C-CARBON R	RN72K1J-221JE	1		NSP	
R583	C-CARBON R	RN72K1J-221JE	1		NSP	
R584	C-CARBON R	RN72K1J-103JE	1		NSP	
R585	C-CARBON R	RN72K1J-221JE	1		NSP	
R586	C-CARBON R	RN72K1J-103JE	1		NSP	
R587	C-CARBON R	RN72K1J-221JE	1		NSP	
R588	C-CARBON R	RN72K1J-103JE	1		NSP	
R589	C-CARBON R	RN72K1J-470JE	1		NSP	
R590	C-CARBON R	RN72K1J-103JE	1		NSP	
R591	C-CARBON R	RN72K1J-470JE	1		NSP	
R592	C-CARBON R	RN72K1J-470JE	1		NSP	
R593	C-CARBON R	RN72K1J-221JE	1		NSP	
R594	C-CARBON R	RN72K1J-221JE	1		NSP	
R595	C-CARBON R	RN72K1J-221JE	1		NSP	
R596	C-CARBON R	RN72K1J-103JE	1		NSP	
R597	C-CARBON R	RN72K1J-470JE	1		NSP	
R598	C-CARBON R	RN72K1J-221JE	1		NSP	
R599	C-CARBON R	RN72K1J-103JE	1		NSP	
R600	C-CARBON R	RN72K1J-103JE	1		NSP	
R601	C-CARBON R	RN72K1J-470JE	1		NSP	
R602	C-CARBON R	RN72K1J-470JE	1		NSP	
R603	C-CARBON R	RN72K1J-470JE	1		NSP	
R604	C-CARBON R	RN72K1J-103JE	1		NSP	
R605	C-CARBON R	RN72K1J-221JE	1		NSP	
R606	C-CARBON R	RN72K1J-470JE	1		NSP	
R607	C-CARBON R	RN72K1J-470JE	1		NSP	
R608	C-CARBON R	RN72K1J-470JE	1		NSP	
R609	C-CARBON R	RN72K1J-102JE	1		NSP	
R611	C-CARBON R	RN72K1J-102JE	1		NSP	
R613	C-CARBON R	RN72K1J-102JE	1		NSP	
R614	C-CARBON R	RN72K1J-103JE	1		NSP	
R616	C-CARBON R	RN72K1J-103JE	1		NSP	
R617	C-CARBON R	RN72K1J-221JE	1		NSP	
R618	C-CARBON R	RN72K1J-103JE	1		NSP	
R619	C-CARBON R	RN72K1J-470JE	1		NSP	
R620	C-CARBON R	RN72K1J-103JE	1		NSP	
R621	C-CARBON R	RN72K1J-221JE	1		NSP	
R622	C-CARBON R	RN72K1J-470JE	1		NSP	
R623	C-CARBON R	RN72K1J-103JE	1		NSP	
R625	C-CARBON R	RN72K1J-470JE	1		NSP	

R626	C-CARBON R	RN72K1J-103JE	1		NSP	
R627	C-CARBON R	RN72K1J-000JE	1		NSP	
R628	C-CARBON R	RN72K1J-221JE	1		NSP	
R629	C-CARBON R	RN72K1J-221JE	1		NSP	
R630	C-CARBON R	RN72K1J-221JE	1		NSP	
R631	C-CARBON R	RN72K1J-470JE	1		NSP	
R632	C-CARBON R	RN72K1J-470JE	1		NSP	
R634	C-CARBON R	RN72K1J-470JE	1		NSP	
R636	C-CARBON R	RN72K1J-470JE	1		NSP	
R638	C-CARBON R	RN72K1J-470JE	1		NSP	
R639	C-CARBON R	RN72K1J-103JE	1		NSP	
R640	C-CARBON R	RN72K1J-470JE	1		NSP	
R641	C-CARBON R	RN72K1J-103JE	1		NSP	
R642	C-CARBON R	RN72K1J-221JE	1		NSP	
R643	C-CARBON R	RN72K1J-103JE	1		NSP	
R644	C-CARBON R	RN72K1J-221JE	1		NSP	
R645	C-CARBON R	RN72K1J-103JE	1		NSP	
R646	C-CARBON R	RN72K1J-221JE	1		NSP	
R647	C-CARBON R	RN72K1J-103JE	1		NSP	
R648	C-CARBON R	RN72K1J-221JE	1		NSP	
R650	C-CARBON R	RN72K1J-221JE	1		NSP	
R651	C-CARBON R	RN72K1J-103JE	1		NSP	
R652	C-CARBON R	RN72K1J-102JE	1		NSP	
R653	C-CARBON R	RN72K1J-105JE	1		NSP	
R654	C-CARBON R	RN72K1J-103JE	1		NSP	
R655	C-CARBON R	RN72K1J-221JE	1		NSP	
R656	C-CARBON R	RN72K1J-221JE	1		NSP	
R658	C-CARBON R	RN72K1J-221JE	1		NSP	
R659	C-CARBON R	RN72K1J-273JE	1		NSP	
R660	C-CARBON R	RN72K1J-221JE	1		NSP	
R661	C-CARBON R	RN72K1J-221JE	1		NSP	
R662	C-CARBON R	RN72K1J-103JE	1		NSP	<B C2MDC, CMDC>
R663	C-CARBON R	RN72K1J-103JE	1		NSP	<B C2MDC, CMDC>
R664	C-CARBON R	RN72K1J-103JE	1		NSP	<B C2MDC, CMDC>
R665	C-CARBON R	RN72K1J-333JE	1		NSP	<B C2MDC, CMDC>
R666	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>
R668	C-CARBON R	RN72K1J-103JE	1		NSP	<B C2MDC, CMDC>
R669	C-CARBON R	RN72K1J-333JE	1		NSP	<B C2MDC, CMDC>
R670	C-CARBON R	RN72K1J-472JE	1		NSP	
R671	C-CARBON R	RN72K1J-272JE	1		NSP	
R672	C-CARBON R	RN72K1J-472JE	1		NSP	
R673	C-CARBON R	RN72K1J-272JE	1		NSP	
R674	C-CARBON R	RN72K1J-472JE	1		NSP	

R675	C-CARBON R	RN72K1J-272JE	1		NSP	
R676	C-CARBON R	RN72K1J-472JE	1		NSP	
R677	C-CARBON R	RN72K1J-272JE	1		NSP	
R681	C-CARBON R	RN72K1J-473JE	1		NSP	
R682	C-CARBON R	RN72K1J-103JE	1		NSP	
R683	C-CARBON R	RN72K1J-103JE	1		NSP	
R684	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>
R685	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>
R686	C-CARBON R	RN72K1J-103JE	1		NSP	
R687	C-CARBON R	RN72K1J-103JE	1		NSP	
R688	C-CARBON R	RN72K1J-103JE	1		NSP	
R691	C-CARBON R	RN72K1J-103JE	1		NSP	
R693	C-CARBON R	RN72K1J-103JE	1		NSP	
R694	C-CARBON R	RN72K1J-221JE	1		NSP	
R695	C-CARBON R	RN72K1J-221JE	1		NSP	
R696	C-CARBON R	RN72K1J-470JE	1		NSP	
R697	C-CARBON R	RN72K1J-470JE	1		NSP	
R701	C-CARBON R	RN72K1J-000JE	1		NSP	
R702	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>
R705	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>
R708	C-CARBON R	RN72K1J-103JE	1		NSP	
R709	C-CARBON R	RN72K1J-103JE	1		NSP	
R712	C-CARBON R	RN72K1J-102JE	1		NSP	
R713	C-CARBON R	RN72K1J-222JE	1		NSP	
R714	C-CARBON R	RN72K1J-103JE	1		NSP	
R715	C-CARBON R	RN72K1J-103JE	1		NSP	
R716	C-CARBON R	RN72K1J-470JE	1		NSP	
R721	C-CARBON R	RN72K1J-103JE	1		NSP	
R723	C-CARBON R	RN72K1J-101JE	1		NSP	
R724	C-CARBON R	RN72K1J-101JE	1		NSP	
R725	C-CARBON R	RN72K1J-221JE	1		NSP	
R726	C-CARBON R	RN72K1J-273JE	1		NSP	
R761	C-CARBON R	RN72K1J-103JE	1		NSP	<B C2MDC, CMDC>
R762	C-CARBON R	RN72K1J-222JE	1		NSP	<B C2MDC, CMDC>
R763	C-CARBON R	RN72K1J-102JE	1		NSP	<B C2MDC, CMDC>
R771	C-CARBON R	RN72K1J-103JE	1		NSP	<B C2MDC, CMDC>
R772	C-CARBON R	RN72K1J-222JE	1		NSP	<B C2MDC, CMDC>
R773	C-CARBON R	RN72K1J-102JE	1		NSP	<B C2MDC, CMDC>
R801	C-CARBON R	RN72K1J-000JE	1		NSP	
R806	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>
R808	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>
R810	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>
R822	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>

[SW TRM]						
JL501B	WIRE TRAP	NPLG-3P586	1	25055624		
JL502B	WIRE TRAP	NPLG-5P588	1	25055626		
JL610B	WIRE TRAP	NPLG-7P590	1	25055628		<B C2MDC, CMDC>
JL901B	WIRE TRAP	NPLG-5P588	1	25055626		
P101A	SOCKET	NSCT-11P2104	1	25052207		<B C2MDC, CMDC>
P131	PIN JACK	NPJ-2PDO0626	1	25045847		<B C2MDC, CMDC>
P131 or	PIN JACK	NPJ-2PDO445	(1)	25045640		<B C2MDC, CMDC>
P2001A	SOCKET	IMSA-9142S-24A	1	25053234		
P2002B	SOCKET	NSCT-15P2195	1	25052298		
P2081	SOCKET	NNA1-01-006	1	25053357		
P5501A	SOCKET	NSCT-7P2187	1	25052290		
P5502A	SOCKET	NSCT-15P2195	1	25052298		
P5503A	SOCKET	NSCT-9P2189	1	25052292		
P5504A	SOCKET	NSCT-3P2183	1	25052286		<B C2MDC, CMDC>
P701A	SOCKET	NSCT-31P2124	1	25052227		
P751A	SOCKET	IMSA-9618S-09A	1	25053334R2		
P8001A	PLUG	IMSA-9111B-16	1	25056620		
P8002A	PLUG	IMSA-9111B-24	1	25056625		
[TUNER UNIT]						
U131	PHT CP	JSR1165-001recieving	1	24120143		
U132	PHT CP	JSR1165-001recieving	1	24120143		

HT-R680

PC BOARD PARTS LIST

U004	DIS-AS(Disply Video Pow-supply HP Asy) U0040+U0041+U0042+U0043+U0044	BADIS-0373-1K *	1	1B247573-1K	N	<B C2MDC, CMDC>
U0040	DIS-AS(Disply Video Pow-supply HP Asy)	BADIS-0373-1K	1	1B2475373-1K	N	<B C2MDC, CMDC>
U0041	PWB(Stadby-Key/ LED)	BADIS-0374-1K	1	Included in "REF.NO, U0040	N	<B C2MDC, CMDC>
U0042	PWB(Video Asy)	BAVD-0375-1K	1	1B2475375-1K	N	<B C2MDC, CMDC>
U0043	PWB(Power Supply Asy)	BAETC-0376-1K	1	1B2475376-1K	N	<B C2MDC, CMDC>
U0044	PWB(HP-Jack Asy)	BAETC-0377-1K	1	1B2475377-1K	N	<B C2MDC, CMDC>

CIRCUIT PART NAME		DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS	
[SEMI CONDUCTOR]						
D7002	ZENER D	UDZS8.2B	1	224550820R2		
D7033	ZENER D	UDZS3.9B	1	224550390R2		
D7151	LED	SLI-343URC-TE7	1	225449T		
D7152	LED	SLI-343Y8C-TE7	1	225490T	N	
D7153	LED	SLR-342MGTE7P	1	225455T		<B C2MDC, CMDC>
D7301	C-DIODE	KDS4148U	1		NSP	<B C2MDC, CMDC>
D7301 or	C-DIODE	1SS352	(1)		NSP	<B C2MDC, CMDC>
D7301 or	C-DIODE	MA2J111	(1)		NSP	<B C2MDC, CMDC>

D7302	C-DIODE	KDS4148U	1		NSP	<B C2MDC, CMDC>
D7302 or	C-DIODE	1SS352	(1)		NSP	<B C2MDC, CMDC>
D7302 or	C-DIODE	MA2J111	(1)		NSP	<B C2MDC, CMDC>
D7401	ZENER D	UDZS5.1B	1	224550510R2		<B C2MDC, CMDC>
D7411	ZENER D	UDZS6.8B	1	224550680R2		<B C2MDC, CMDC>
D7412	ZENER D	UDZS6.8B	1	224550680R2		<B C2MDC, CMDC>
D9011	DIODE	D5SBA20	1	22380130		<B C2MDC, CMDC>
D9011A	SCREW	3P+10FN(3BC)	1	82143010GR		<B C2MDC, CMDC>
D9011B	HEAT SINK	RAD-083	1	27160271		<B C2MDC, CMDC>
D9014	C-DIODE	KDS4148U	1		NSP	
D9014 or	C-DIODE	1SS352	(1)		NSP	
D9014 or	C-DIODE	MA2J111	(1)		NSP	
D9015	C-DIODE	KDS4148U	1		NSP	
D9015 or	C-DIODE	1SS352	(1)		NSP	
D9015 or	C-DIODE	MA2J111	(1)		NSP	
D9016	ZENER D	UDZS6.2B	1	224550620R2		<B C2MDC, CMDC>
D9023	C-DIODE	KDS4148U	1		NSP	
D9023 or	C-DIODE	1SS352	(1)		NSP	
D9023 or	C-DIODE	MA2J111	(1)		NSP	
D9025	C-DIODE	KDS4148U	1		NSP	
D9025 or	C-DIODE	1SS352	(1)		NSP	
D9025 or	C-DIODE	MA2J111	(1)		NSP	
D9032	C-DIODE	KDS4148U	1		NSP	
D9032 or	C-DIODE	1SS352	(1)		NSP	
D9032 or	C-DIODE	MA2J111	(1)		NSP	
D911	C-DIODE	KDS4148U	1		NSP	
D911 or	C-DIODE	1SS352	(1)		NSP	
D911 or	C-DIODE	MA2J111	(1)		NSP	
D912	C-DIODE	KDS4148U	1		NSP	
D912 or	C-DIODE	1SS352	(1)		NSP	
D912 or	C-DIODE	MA2J111	(1)		NSP	
D921	C-DIODE	KDS4148U	1		NSP	
D921 or	C-DIODE	1SS352	(1)		NSP	
D921 or	C-DIODE	MA2J111	(1)		NSP	
D922	C-DIODE	KDS4148U	1		NSP	
D922 or	C-DIODE	1SS352	(1)		NSP	
D922 or	C-DIODE	MA2J111	(1)		NSP	
D923	C-DIODE	KDS4148U	1		NSP	
D923 or	C-DIODE	1SS352	(1)		NSP	
D923 or	C-DIODE	MA2J111	(1)		NSP	
D924	C-DIODE	KDS4148U	1		NSP	
D924 or	C-DIODE	1SS352	(1)		NSP	
D924 or	C-DIODE	MA2J111	(1)		NSP	

D925	C-DIODE	KDS4148U	1		NSP	
D925 or	C-DIODE	1SS352	(1)		NSP	
D925 or	C-DIODE	MA2J111	(1)		NSP	
D930	C-DIODE	KDS4148U	1		NSP	
D930 or	C-DIODE	1SS352	(1)		NSP	
D930 or	C-DIODE	MA2J111	(1)		NSP	
D931	C-DIODE	KDS4148U	1		NSP	
D931 or	C-DIODE	1SS352	(1)		NSP	
D931 or	C-DIODE	MA2J111	(1)		NSP	
D933	C-DIODE	KDS4148U	1		NSP	
D933 or	C-DIODE	1SS352	(1)		NSP	
D933 or	C-DIODE	MA2J111	(1)		NSP	
D934	ZENER D	UDZS5.6B	1	224550560R2		<B C2MDC, CMDC>
D935	C-DIODE	KDS4148U	1		NSP	
D935 or	C-DIODE	1SS352	(1)		NSP	
D935 or	C-DIODE	MA2J111	(1)		NSP	
Q2001	IC	NJW1326FH2	1	22242583R3		
Q2002	IC	NJM2505AF	1	22242490R2		<B C2MDC, CMDC>
Q2002 or	IC	BH7673G-TR	(1)	22242661R2		<B C2MDC, CMDC>
Q7002	FL TUBE	16-BT-162GNK	1	212273		
Q7002A	HOLDER	(FL)	1	27191222C		
Q7003	IC	M66005-0001AHP	1	22242208R3		
Q7004	TR	KTC3875-GR	1	2216175R2		
Q7005	TR	KRA102S	1	2216220R2		<B C2MDC, CMDC>
Q7007	TR	KRC102S	1	2216190R2		<B C2MDC, CMDC>
Q7033	TR	KTC3875-GR	1	2216175R2		
Q7153	TR	DTC123JKA	1	2216690R2		<B C2MDC, CMDC>
Q7401	IC	NJM4580M-D	1	22241448R2		<B C2MDC, CMDC>
Q7403	TR	DTC114TKA	1	2216670R2		<B C2MDC, CMDC>
Q7404	TR	DTC114TKA	1	2216670R2		<B C2MDC, CMDC>
Q9022	IC	78M05(NJM78M05FA)	1	222780055JRC		
Q9022 or	IC	78M05AHF(MPC78M05AHF)	(1)	222780055NEC		
Q9022A	SCREW	3P+6FN(3BC)	1		NSP	
Q9022B	HEAT SINK	RAD-157	1		NSP	
Q9031	IC	MPC2905BHF	1	22278005DBNE		
Q9031A	SCREW	3P+10FN(3BC)	1		NSP	
Q9031B	HEAT SINK	RAD-140	1		NSP	
[TRANS COIL]						
L7031	CHOKE COIL	LBC2518T2R2M	1	231364M022R2		
L7032	CHOKE COIL	LBC2518T2R2M	1	231364M022R2		
L7201	CHOKE COIL	LBC2518T2R2M	1	231364M022R2		
L7202	CHOKE COIL	LBC2518T2R2M	1	231364M022R2		
L7203	CHOKE COIL	LBC2518T2R2M	1	231364M022R2		

L7401	CHOKE COIL	LBC2518T2R2M	1	231364M022R2		<B C2MDC, CMDC>
L7402	CHOKE COIL	LBC2518T2R2M	1	231364M022R2		<B C2MDC, CMDC>
T902	P TRANS	NPT-1520JQ	1	2301812A	!	<B C2MDC, CMDC>
[CAPACITOR]						
C2001	VR C	CE04W50V-10M(VR)	1	394681007T		<B C2MDC, CMDC>
C2002	C-CERA C	CK725F1E-104Z1	1		NSP	<B C2MDC, CMDC>
C2003	VR C	CE04W6.3V-470M(VR)	1	394624717T		<B C2MDC, CMDC>
C2004	C-CERA C	CC725CH1H-470J1	1		NSP	<B C2MDC, CMDC>
C2005	VR C	CE04W6.3V-470M(VR)	1	394624717T		<B C2MDC, CMDC>
C2006	C-CERA C	CC725CH1H-470J1	1		NSP	<B C2MDC, CMDC>
C2011	C-CERA C	CK725F1A-105Z1	1		NSP	
C2012	C-CERA C	CK725F1A-105Z1	1		NSP	
C2013	C-CERA C	CK725F1A-105Z1	1		NSP	
C2014	C-CERA C	CK725F1A-105Z1	1		NSP	
C2015	C-CERA C	CK725F1A-105Z1	1		NSP	
C2016	C-CERA C	CK725F1A-105Z1	1		NSP	
C2017	C-CERA C	CK725F1A-105Z1	1		NSP	
C2018	C-CERA C	CK725F1A-105Z1	1		NSP	
C2019	C-CERA C	CK725F1A-105Z1	1		NSP	
C2020	C-CERA C	CK725F1A-105Z1	1		NSP	
C2021	C-CERA C	CK725F1A-105Z1	1		NSP	
C2022	C-CERA C	CK725F1A-105Z1	1		NSP	
C2030	UTSP C	CE04W50V-10M(UTSP)	1	397581007T		<B C2MDC, CMDC>
C2031	C-CERA C	CC725CH1H-471J1	1		NSP	<B C2MDC, CMDC>
C2032	UTSP C	CE04W50V-10M(UTSP)	1	397581007T		<B C2MDC, CMDC>
C2033	C-CERA C	CC725CH1H-471J1	1		NSP	<B C2MDC, CMDC>
C2101	VR C	CE04W50V-10M(VR)	1	394681007T		<B C2MDC, CMDC>
C2102	VR C	CE04W6.3V-470M(VR)	1	394624717T		
C2103	VR C	CE04W50V-10M(VR)	1	394681007T		
C2104	VR C	CE04W50V-10M(VR)	1	394681007T		
C2105	VR C	CE04W6.3V-470M(VR)	1	394624717T		
C2106	VR C	CE04W50V-10M(VR)	1	394681007T		
C2107	VR C	CE04W50V-10M(VR)	1	394681007T		
C2108	VR C	CE04W6.3V-470M(VR)	1	394624717T		
C2109	VR C	CE04W6.3V-470M(VR)	1	394624717T		
C2110	VR C	CE04W6.3V-470M(VR)	1	394624717T		
C2111	VR C	CE04W50V-1M(VR)	1	394680107T		
C2112	VR C	CE04W50V-1M(VR)	1	394680107T		
C2113	VR C	CE04W50V-1M(VR)	1	394680107T		
C2114	VR C	CE04W50V-1M(VR)	1	394680107T		
C2115	VR C	CE04W50V-1M(VR)	1	394680107T		
C2116	VR C	CE04W50V-1M(VR)	1	394680107T		
C2117	VR C	CE04W6.3V-470M(VR)	1	394624717T		<B C2MDC, CMDC>

C2118	VR C	CE04W6.3V-470M(VR)	1	394624717T		<B C2MDC, CMDC>
C2119	VR C	CE04W6.3V-470M(VR)	1	394624717T		<B C2MDC, CMDC>
C2120	VR C	CE04W6.3V-470M(VR)	1	394624717T		<B C2MDC, CMDC>
C2201	C-CERA C	CK725B1H-102K1	1		NSP	
C2202	C-CERA C	CK725B1H-102K1	1		NSP	
C2203	C-CERA C	CK725B1H-103K1	1		NSP	
C7001	C-CERA C	CK725B1H-223K1	1		NSP	
C7002	C-CERA C	CK725F1E-104Z1	1		NSP	
C7003	C-CERA C	CC725CH1H-101J1	1		NSP	
C7004	C-CERA C	CC725CH1H-101J1	1		NSP	
C7005	C-CERA C	CC725CH1H-101J1	1		NSP	
C7007	C-CERA C	CC725CH1H-101J1	1		NSP	
C7008	ELECT C	CE04W6.3V-100M	1	355721019T		
C7009	C-CERA C	CK725F1E-104Z1	1		NSP	
C7010	C-CERA C	CK725B1H-223K1	1		NSP	
C7011	C-CERA C	CK725B1H-223K1	1		NSP	
C7012	C-CERA C	CK725B1H-223K1	1		NSP	
C7013	ELECT C	CE04W50V-33M	1	355783309T		
C7014	C-CERA C	CK725B1H-223K1	1		NSP	
C7015	ELECT C	CE04W16V-47M(S)	1	353744709T		
C7016	C-CERA C	CK725B1H-223K1	1		NSP	
C7017	C-CERA C	CK725B1H-223K1	1		NSP	
C7021	C-CERA C	CK725B1H-103K1	1		NSP	
C7022	C-CERA C	CK725B1H-103K1	1		NSP	
C7031	C-CERA C	CK725B1H-223K1	1		NSP	
C7032	C-CERA C	CK725B1H-223K1	1		NSP	
C7033	ELECT C	CE04W16V-10M(S)	1	353741009T		
C7041	ELECT C	CE04W6.3V-100M(S)	1	353721019T		
C7042	C-CERA C	CC725CH1H-102J1	1		NSP	
C7043	C-CERA C	CC725CH1H-102J1	1		NSP	
C7201	C-CERA C	CC725CH1H-102J1	1		NSP	
C7202	C-CERA C	CK725B1H-223K1	1		NSP	<B C2MDC, CMDC>
C7203	MKT C	B32529C0102J289	1	376491024T		<B C2MDC, CMDC>
C7204	MKT C	B32529C0102J289	1	376491024T		<B C2MDC, CMDC>
C7301	C-CERA C	CC725CH1H-471J1	1		NSP	
C7302	C-CERA C	CC725CH1H-471J1	1		NSP	
C7303	C-CERA C	CK725F1E-104Z1	1		NSP	
C7304	C-CERA C	CK725F1E-104Z1	1		NSP	<B C2MDC, CMDC>
C7305	C-CERA C	CK725F1E-104Z1	1		NSP	
C7306	C-CERA C	CK725F1E-104Z1	1		NSP	<B C2MDC, CMDC>
C7309	C-CERA C	CC725CH1H-101J1	1		NSP	<B C2MDC, CMDC>
C7401	ELECT C	CE04W16V-10M(S)	1	353741009T		<B C2MDC, CMDC>
C7402	C-CERA C	CC725CH1H-101J1	1		NSP	<B C2MDC, CMDC>

C7403	ELECT C	CE04W16V-47M(S)	1	353744709T		<B C2MDC, CMDC>
C7404	C-CERA C	CC725CH1H-330J1	1		NSP	<B C2MDC, CMDC>
C7405	ELECT C	CE04W16V-10M(S)	1	353741009T		<B C2MDC, CMDC>
C7411	ELECT C	CE04W16V-47M(S)	1	353744709T		<B C2MDC, CMDC>
C7412	ELECT C	CE04W16V-47M(S)	1	353744709T		<B C2MDC, CMDC>
C7421	C-CERA C	CC725CH1H-102J1	1		NSP	<B C2MDC, CMDC>
C901	IS C	LE103-C3.5	1	3800042S		
C901 or	IS C	ECQU2A103MLC	(1)	3800039S		
C9011	VR C	CE04W16V-10000M(VR)	1	394641037S		
C9012	TF C	ECQ-V50V-334J	1	374723344T		
C9013	VR C	CE04W50V-4.7M(VR)	1	394680477T		
C902	C-CERA C	CK725F1E-104Z1	1		NSP	
C9023	VR C	CE04W50V-10M(VR)	1	394681007T		
C9025	VR C	CE04W6.3V-470M(VR)	1	394624717T		
C9026	VR C	CE04W6.3V-470M(VR)	1	394624717T		
C9027	C-CERA C	CK725F1E-104Z1	1		NSP	
C9028	VR C	CE04W6.3V-470M(VR)	1	394624717T		
C9029	C-CERA C	CK725F1E-104Z1	1		NSP	
C9030	VR C	CE04W25V-220M(VR)	1	394652217T		
C9031	C-CERA C	CK725F1E-104Z1	1		NSP	
C9032	VR C	CE04W6.3V-470M(VR)	1	394624717T		
C911	C-CERA C	CC725CH1H-102J1	1	342101024R1		<B C2MDC, CMDC>
C921	C-CERA C	CK725B1H-223K1	1		NSP	
C922	VR C	CE04W25V-2200M(VR)	1		NSP	
C930	UTSP C	CE04W50V-100M(UTSP)	1	397581017T		
C933	UTSP C	CE04W50V-4.7M(UTSP)	1	397580477T		
[RESISTOR]						
R2001	C-CARBON R	RN72K1J-220JE	1		NSP	<B C2MDC, CMDC>
R2002	C-CARBON R	RN72K1J-220JE	1		NSP	<B C2MDC, CMDC>
R2003	C-CARBON R	RN72K1J-105JE	1		NSP	<B C2MDC, CMDC>
R2030	C-CARBON R	RN72K1J-224JE	1		NSP	<B C2MDC, CMDC>
R2032	C-CARBON R	RN72K1J-224JE	1		NSP	<B C2MDC, CMDC>
R2101	C-CARBON R	RN72K1J-750JE	1		NSP	<B C2MDC, CMDC>
R2102	C-CARBON R	RN72K1J-750JE	1		NSP	
R2103	C-CARBON R	RN72K1J-750JE	1		NSP	
R2104	C-CARBON R	RN72K1J-750JE	1		NSP	
R2105	C-CARBON R	RN72K1J-750JE	1		NSP	
R2106	C-CARBON R	RN72K1J-750JE	1		NSP	
R2107	C-CARBON R	RN72K1J-750JE	1		NSP	
R2108	C-CARBON R	RN72K1J-750JE	1		NSP	
R2109	C-CARBON R	RN72K1J-750JE	1		NSP	
R2110	C-CARBON R	RN72K1J-750JE	1		NSP	
R2111	C-CARBON R	RN72K1J-750JE	1		NSP	

R2112	C-CARBON R	RN72K1J-750JE	1		NSP	
R2113	C-CARBON R	RN72K1J-750JE	1		NSP	
R2114	C-CARBON R	RN72K1J-750JE	1		NSP	
R2115	C-CARBON R	RN72K1J-750JE	1		NSP	
R2116	C-CARBON R	RN72K1J-750JE	1		NSP	
R2117	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>
R2118	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>
R2119	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>
R2155	C-CARBON R	RN72K1J-000JE	1		NSP	
R2156	C-CARBON R	RN72K1J-000JE	1		NSP	
R2157	C-CARBON R	RN72K1J-000JE	1		NSP	
R7001	C-CARBON R	RN72K1J-103JE	1		NSP	
R7002	C-CARBON R	RN72K1J-332JE	1		NSP	
R7003	C-CARBON R	RN72K1J-332JE	1		NSP	
R7004	C-CARBON R	RN72K1J-221JE	1		NSP	
R7005	C-CARBON R	RN72K1J-221JE	1		NSP	
R7006	C-CARBON R	RN72K1J-103JE	1		NSP	
R7007	C-CARBON R	RN72K1J-221JE	1		NSP	
R7008	C-CARBON R	RN72K1J-221JE	1		NSP	
R7021	C-CARBON R	RN72K1J-103JE	1		NSP	
R7022	C-CARBON R	RN72K1J-103JE	1		NSP	
R7023	C-CARBON R	RN72K1J-103JE	1		NSP	
R7024	C-CARBON R	RN72K1J-103JE	1		NSP	
R7033	C-CARBON R	RN72K1J-820JE	1		NSP	
R7041	C-CARBON R	RN72K1J-101JE	1		NSP	
R7042	C-CARBON R	RN72K1J-102JE	1		NSP	
R7101	C-CARBON R	RN72K1J-271JE	1		NSP	
R7102	C-CARBON R	RN72K1J-331JE	1		NSP	
R7103	C-CARBON R	RN72K1J-471JE	1		NSP	
R7106	C-CARBON R	RN72K1J-271JE	1		NSP	<B C2MDC, CMDC>
R7107	C-CARBON R	RN72K1J-331JE	1		NSP	<B C2MDC, CMDC>
R7108	C-CARBON R	RN72K1J-471JE	1		NSP	<B C2MDC, CMDC>
R7109	C-CARBON R	RN72K1J-561JE	1		NSP	<B C2MDC, CMDC>
R7110	C-CARBON R	RN72K1J-821JE	1		NSP	<B C2MDC, CMDC>
R7111	C-CARBON R	RN72K1J-122JE	1		NSP	
R7112	C-CARBON R	RN72K1J-222JE	1		NSP	
R7113	C-CARBON R	RN72K1J-392JE	1		NSP	
R7114	C-CARBON R	RN72K1J-123JE	1		NSP	
R7115	C-CARBON R	RN72K1J-271JE	1		NSP	
R7116	C-CARBON R	RN72K1J-331JE	1		NSP	
R7117	C-CARBON R	RN72K1J-471JE	1		NSP	
R7118	C-CARBON R	RN72K1J-561JE	1		NSP	
R7119	C-CARBON R	RN72K1J-821JE	1		NSP	

R7120	C-CARBON R	RN72K1J-122JE	1		NSP	
R7121	C-CARBON R	RN72K1J-222JE	1		NSP	
R7122	C-CARBON R	RN72K1J-392JE	1		NSP	
R7123	C-CARBON R	RN72K1J-271JE	1		NSP	
R7124	C-CARBON R	RN72K1J-331JE	1		NSP	
R7125	C-CARBON R	RN72K1J-471JE	1		NSP	
R7126	C-CARBON R	RN72K1J-561JE	1		NSP	
R7127	C-CARBON R	RN72K1J-821JE	1		NSP	
R7128	C-CARBON R	RN72K1J-122JE	1		NSP	
R7129	C-CARBON R	RN72K1J-222JE	1		NSP	
R7130	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>
R7151	C-CARBON R	RN72K1J-222JE	1		NSP	
R7152	C-CARBON R	RN72K1J-222JE	1		NSP	
R7153	C-CARBON R	RN72K1J-181JE	1		NSP	<B C2MDC, CMDC>
R7301	C-CARBON R	RN72K1J-331JE	1		NSP	
R7302	C-CARBON R	RN72K1J-331JE	1		NSP	
R7304	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>
R7401	C-CARBON R	RN72K1J-101JE	1		NSP	<B C2MDC, CMDC>
R7402	C-CARBON R	RN72K1J-224JE	1		NSP	<B C2MDC, CMDC>
R7403	C-CARBON R	RN72K1J-472JE	1		NSP	<B C2MDC, CMDC>
R7404	C-CARBON R	RN72K1J-221JE	1		NSP	<B C2MDC, CMDC>
R7405	C-CARBON R	RN72K1J-473JE	1		NSP	<B C2MDC, CMDC>
R7406	C-CARBON R	RN72K1J-331JE	1		NSP	<B C2MDC, CMDC>
R7407	C-CARBON R	RN72K1J-102JE	1		NSP	<B C2MDC, CMDC>
R7408	C-CARBON R	RN72K1J-333JE	1		NSP	<B C2MDC, CMDC>
R7409	C-CARBON R	RN72K1J-221JE	1		NSP	<B C2MDC, CMDC>
R7410	C-CARBON R	RN72K1J-221JE	1		NSP	<B C2MDC, CMDC>
R7411	C-CARBON R	RN72K1J-471JE	1		NSP	<B C2MDC, CMDC>
R7412	C-CARBON R	RN72K1J-471JE	1		NSP	<B C2MDC, CMDC>
R7413	C-CARBON R	RN72K1J-224JE	1		NSP	<B C2MDC, CMDC>
R7414	C-CARBON R	RN72K1J-104JE	1		NSP	<B C2MDC, CMDC>
R7415	C-CARBON R	RN72K1J-000JE	1		NSP	<B C2MDC, CMDC>
R7420	C-CARBON R	RN72K1J-473JE	1		NSP	<B C2MDC, CMDC>
R9012	METAL R	RNU1/2WCJ-1	1	453530104T		
R9013	METAL R	RNU1/2WCJ-1	1	453530104T		
R9014	C-CARBON R	RN72K1J-104JE	1		NSP	
R9020	METAL O R	RS1WBJ-8.2	1	441620824F		
R9021	METAL O R	RS1WBJ-8.2	1	441620824F		
R9022	METAL R	RNU1/2WCJ-1	1	453530104T		
R9031	METAL R	RNU2WCJ-3.3	1	452730334F		
R9032	METAL R	RNU2WCJ-3.3	1	452730334F		
R9033	METAL R	RNU1/2WCJ-1	1	453530104T		
R921	METAL O R	RS1/2WBJ-47	1	443524704T		

R934	C-CARBON R	RN72K1J-104JE	1		NSP	
[SW TRM]						
E7201	TRM-423(SCREW)	NEJITANSI ST3	1		NSP	<B C2MDC, CMDC>
E7301A	RETAINER	(EARTH)	1		NSP	<B C2MDC, CMDC>
E9001	TRM-423(SCREW)	NEJITANSI ST3	1		NSP	
E9002	RETAINER	(JOINT)	1		NSP	<B C2MDC, CMDC>
E9003	TRM-423(SCREW)	NEJITANSI ST3	1		NSP	
E901	TRM-423(SCREW)	NEJITANSI ST3	1		NSP	
E902	TRM-423(SCREW)	NEJITANSI ST3	1		NSP	
F9001	FUSE	5A-UL-125V	1	252385T		<B C2MDC, CMDC>
F901C	FUSE HOL	NSCT-1P2031	1	25052133T		<B C2MDC, CMDC>
F901D	FUSE HOL	NSCT-1P2031	1	25052133T		<B C2MDC, CMDC>
F901E	LABEL	LABEL	1	29360842		<B C2MDC, CMDC>
JL503B	WIRE TRAP	NPLG-3P586	1	25055624		<B C2MDC, CMDC>
JL605A	WIRE HOL	NSCT-5P896	1	25051109		
JL702A	WIRE HOL	NSCT-9P880	1	25051093		
JL702B	WIRE HOL	NSCT-9P880	1	25051093		
JL801A	WIRE HOL	NSCT-5P876	1	25051089		
JL901A	WIRE HOL	NSCT-5P876	1	25051089		
JL952B	SOCKET	NSCT-3P95	1	25050267		
JL953A	WIRE HOL	NSCT-5P876	1	25051089		
P2001B	PLUG	IMSA-9142B-24A	1	25056602		
P2002A	PLUG	NPLG-15P0970	1	25056020		<B C2MDC, CMDC>
P2201	PIN JACK	NPJ-3PDYYY560	1	25045778		
P2202	PIN JACK	NPJ-3PDYYY560	1	25045778		
P2203	PIN JACK	NPJ-9PDGLRGLRGLR563	1	25045781		
P2203 or	PIN JACK	NPJ-9PDGLR519	(1)	25045731		
P2801A	SOCKET	NSCT-9P2102	1	25052205		<B C2MDC, CMDC>
P701B	SOCKET	NSCT-31P2161	1	25052264		
P7201	ST JACK	MSJ-064-05A SR	1	25045783		
P7201 or	ST JACK	YKB21-5005	(1)	25045724		
P7301	PIN JACK	NPJ-3PDB693	1	25045925		<B C2MDC, CMDC>
P7311	ST JACK	MSJ-035-05A BAG SR LF	1	25045927		<B C2MDC, CMDC>
P7401	ST JACK	MSJ-035-05C B AG SR type	1	25045879		<B C2MDC, CMDC>
P901A	PLUG	NPLG-2P631	1	25055675		
P901A or	PLUG	1-1123724-2	(1)	25056402		
P911	PLUG	NPLG-2P631	1	25055675		
P911 or	PLUG	1-1123724-2	(1)	25056402		
RL901	RELAY	NRL-1P5A-DC9-179	1	25065669		<B C2MDC, CMDC>
S7002	R ENCODE	EC12E2425WITH WASHER	1	25065655W		
S7102	PUSH SW	NPS-111-S681	1	25035718T		
S7104	PUSH SW	NPS-111-S681	1	25035718T		<B C2MDC, CMDC>
S7106	PUSH SW	NPS-111-S681	1	25035718T		

S7108	PUSH SW	NPS-111-S681	1	25035718T		
S7113	PUSH SW	NPS-111-S681	1	25035718T		<B C2MDC, CMDC>
S7115	PUSH SW	NPS-111-S681	1	25035718T		<B C2MDC, CMDC>
S7117	PUSH SW	NPS-111-S681	1	25035718T		<B C2MDC, CMDC>
S7119	PUSH SW	NPS-111-S681	1	25035718T		<B C2MDC, CMDC>
S7123	PUSH SW	NPS-111-S681	1	25035718T		<B C2MDC, CMDC>
S7125	PUSH SW	NPS-111-S681	1	25035718T		<B C2MDC, CMDC>
S7127	PUSH SW	NPS-111-S681	1	25035718T		<B C2MDC, CMDC>
S7129	PUSH SW	NPS-111-S681	1	25035718T		<B C2MDC, CMDC>
S7132	PUSH SW	NPS-111-S681	1	25035718T		
S7134	PUSH SW	NPS-111-S681	1	25035718T		
S7136	PUSH SW	NPS-111-S681	1	25035718T		
S7138	PUSH SW	NPS-111-S681	1	25035718T		
S7140	PUSH SW	NPS-111-S681	1	25035718T		
S7142	PUSH SW	NPS-111-S681	1	25035718T		
S7144	PUSH SW	NPS-111-S681	1	25035718T		
S7146	PUSH SW	NPS-111-S681	1	25035718T		
S7148	PUSH SW	NPS-111-S681	1	25035718T		
S7150	PUSH SW	NPS-111-S681	1	25035718T		
S7152	PUSH SW	NPS-111-S681	1	25035718T		
S7154	PUSH SW	NPS-111-S681	1	25035718T		
S7156	PUSH SW	NPS-111-S681	1	25035718T		
S7158	PUSH SW	NPS-111-S681	1	25035718T		
S7160	PUSH SW	NPS-111-S681	1	25035718T		
S7162	PUSH SW	NPS-111-S681	1	25035718T		
S7164	PUSH SW	NPS-111-S681	1	25035718T		
[TUNER UNIT]						
U7041	REMO SENS	KSM-603TE5B	1	24130019		

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PC BOARD PARTS LIST

U006	TRM-AS(Speakers Terminal Asy) U0060+U0061	BATRM-0368-1A *	1	1B247568-1A	N	<B C2MDC, CMDC>
U0060	TRM-AS(Speakers Terminal Asy)	BATRM-0368-1A	1	1B2475368-1A	N	<B C2MDC, CMDC>
U0064	PWB(reserve)	BAETC-0372-1A	1	1B2475372-1A	N, NSP	<B C2MDC, CMDC>

CIRCUIT PART NAME		DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[SEMI CONDUCTOR]					
D6600	DIODE	1SS133	1	223163T	
D6603	DIODE	1SS133	1	223163T	
D6605	DIODE	1SS133	1	223163T	<B C2MDC, CMDC>
D6607	DIODE	1SS133	1	223163T	<B C2MDC, CMDC>
Q6601	TR	KRC105M	1	2215830T	

Q6601 or	TR	RN1205	(1)	2214660T		
Q6602	TR	KRC105M	1	2215830T		
Q6602 or	TR	RN1205	(1)	2214660T		
Q6603	TR	KRC105M	1	2215830T		<B C2MDC, CMDC>
Q6603 or	TR	RN1205	(1)	2214660T		<B C2MDC, CMDC>
Q6604	TR	KRC105M	1	2215830T		<B C2MDC, CMDC>
Q6604 or	TR	RN1205	(1)	2214660T		<B C2MDC, CMDC>
[CAPACITOR]						
C6600	TF C	ECQ-V50V-103J	1	374721034T		
C6602	TF C	ECQ-V50V-103J	1	374721034T		
C6603	TF C	ECQ-V50V-103J	1	374721034T		
C6605	TF C	ECQ-V50V-103J	1	374721034T		<B C2MDC, CMDC>
C6607	TF C	ECQ-V50V-103J	1	374721034T		<B C2MDC, CMDC>
[RESISTOR]						
R6690	METAL O R	RS1/2WBJ-10	1	443521004T		<B C2MDC, CMDC>
R6691	METAL O R	RS1/2WBJ-390	1	443523914T		
R6692	METAL O R	RS1/2WBJ-390	1	443523914T		
[SW TRM]						
JL600B	SOCKET	NSCT-7P99	1	25050271		
JL603B	SOCKET	NSCT-9P101	1	25050273		
JL604B	SOCKET	NSCT-5P97	1	25050269		<B C2MDC, CMDC>
JL605B	SOCKET	NSCT-5P97	1	25050269		
JL610A	WIRE HOL	NSCT-7P878	1	25051091		
P6601	TRM	NTM-2PDMCR400	1	25060472		
P6602	TRM	NTM-4PDMNRR420	1	25060492		
P6603	TRM	NTM-4PDMNRR420	1	25060492		
P6604	TRM	NTM-4PDMNRR420	1	25060492		<B C2MDC, CMDC>
RL6600	RELAY	NRL-2P5A-DC24-129	1	25065563A		
RL6600 or	RELAY	NRL-2P5A-DC24-193	(1)	25065703		
RL6602	RELAY	NRL-2P5A-DC24-129	1	25065563A		
RL6602 or	RELAY	NRL-2P5A-DC24-193	(1)	25065703		
RL6603	RELAY	NRL-2P5A-DC24-129	1	25065563A		
RL6603 or	RELAY	NRL-2P5A-DC24-193	(1)	25065703		
RL6605	RELAY	NRL-2P5A-DC24-129	1	25065563A		<B C2MDC, CMDC>
RL6605 or	RELAY	NRL-2P5A-DC24-193	(1)	25065703		<B C2MDC, CMDC>
RL6607	RELAY	NRL-2P5A-DC24-129	1	25065563A		<B C2MDC, CMDC>
RL6607 or	RELAY	NRL-2P5A-DC24-193	(1)	25065703		<B C2MDC, CMDC>
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PC BOARD PARTS LIST						
U007	HDM-AS(HDMI Asy)	BAHDM-0403-1A *	1	1B247503-1A	N	<B C2MDC, CMDC>

CIRCUIT	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[SEMI CONDUCTOR]					
D8161	ZENER D	UDZS3.6B	1	224550360R2	
D8204	DIODE	DAN217T146	1	223285R2	
D8204 or	C-DIODE	1SS226(TE85L_F)	(1)		NSP
D8205	DIODE	DAN217T146	1	223285R2	
D8205 or	C-DIODE	1SS226(TE85L_F)	(1)		NSP
D8301	DIODE	DAN217T146	1	223285R2	
D8301 or	C-DIODE	1SS226(TE85L_F)	(1)		NSP
D8302	C-DIODE	KDS4148U	1		NSP
D8302 or	C-DIODE	1SS352	(1)		NSP
D8302 or	C-DIODE	MA2J111	(1)		NSP
D8302 or	C-DIODE	MA2J11110GL	(1)		NSP
D8701	C-DIODE	KDS4148U	1		NSP
D8701 or	C-DIODE	1SS352	(1)		NSP
D8701 or	C-DIODE	MA2J111	(1)		NSP
D8701 or	C-DIODE	MA2J11110GL	(1)		NSP
D8901	C-DIODE	KDS4148U	1		NSP
D8901 or	C-DIODE	1SS352	(1)		NSP
D8901 or	C-DIODE	MA2J111	(1)		NSP
D8901 or	C-DIODE	MA2J11110GL	(1)		NSP
D8902	C-DIODE	KDS4148U	1		NSP
D8902 or	C-DIODE	1SS352	(1)		NSP
D8902 or	C-DIODE	MA2J111	(1)		NSP
D8902 or	C-DIODE	MA2J11110GL	(1)		NSP
D8903	C-DIODE	KDS4148U	1		NSP
D8903 or	C-DIODE	1SS352	(1)		NSP
D8903 or	C-DIODE	MA2J111	(1)		NSP
D8903 or	C-DIODE	MA2J11110GL	(1)		NSP
D8904	C-DIODE	KDS4148U	1		NSP
D8904 or	C-DIODE	1SS352	(1)		NSP
D8904 or	C-DIODE	MA2J111	(1)		NSP
D8904 or	C-DIODE	MA2J11110GL	(1)		NSP
D8906	DIODE	RB070M-30	1	22380361R2	
D8906 or	C-DIODE	CRS09(TE85L_Q)	(1)		NSP
D8951	DIODE	XBS303V17R	1	22380365R2	N
D8952	DIODE	XBS303V17R	1	22380365R2	N
Q201	IC	D788E001BRFP266Z	1	22242502R3	
Q203	IC	TC7WU04FU(TE12L_F)	1	22240935R2	
Q205	IC	TC74VHC157FT	1	22274157ER2TO	
Q273	IC	XC6220B121PR	1	22242626R2	
Q281	IC	K4S641632N-LC60	1	22242603R2	
Q281 or	IC	EM638165TS-7G	(1)	22242607R2	

Q282	IC (DSP, Flash memory)	ES29LV160ET(03736)	1	222W0069R303736		
Q282 or	IC (DSP, Flash memory)	S29AL016J70(03736)	(1)	222W0100R303736		
Q282 or	IC (DSP, Flash memory)	ES29LV160FT7(03736)	(1)	222W0101R303736		
Q282 or	IC (DSP, Flash memory)	MX29LV160D(03736)	(1)	222W0104R303736		
Q8051	IC	NT5TU32M16CG-25C	1	22242635R3	N	
Q8052	IC	NT5TU32M16CG-25C	1	22242635R3	N	
Q8161	IC	SII9389CTU	1	22242628R3	N	
Q8162	TR	RN2401(TE85L_F)	1	2214520R2		
Q8200	IC	FLI32626H-AE	1	22242634R3	N	
Q8201	IC	BR24S32FJ-WE2	1	22242569R2		
Q8201 or	IC	M24C32-WMN6TP	(1)	22242644R2	N	
Q8201 or	IC	R1EX24032ASAS0A	(1)	22242668R2	N	
Q8206	IC (VSP sequoia, Flash memory)	AT25DF641S3(0355)	1	222W0110R20355	N	
Q8206 or	IC	EN25P64-100FIP	(1)	222W0114R2	N	
Q8207	IC	TC74LCX125FT(EL_K)	1	22274125BR2TO		
Q8305	IC	S-812C50BUC-C5ET2G	1	22242407R2		
Q8306	IC	NC7SZ08P5X_F042	1	22242482R2		
Q8306 or	IC	TC7SZ08FU(TE85L_F)	(1)	22242071R2TO		
Q8401	IC	SII9136CTU	1	22242630R3	N	
Q8402	IC	TC7WHU04FU(TE12L)	1	22242231R2		
Q8501	IC	SII9233ACTU	1	22242582R3		
Q8701	IC (VMPU)	MPD70F3740GC(03545)	1	222W0096R303545		
Q8801	IC	TC74VCX162827	1	22242395R2		
Q8802	IC	TC74VCX162827	1	22242395R2		
Q8803	IC	TC74VCX162827	1	22242395R2		
Q8804	IC	TC74VCX162827	1	22242395R2		
Q8805	TR	DTC144EE	1	2216390R2		
Q8805 or	TR	KRC404E	(1)	2216450R2		
Q8806	IC	TC74VCX162827	1	22242395R2		
Q8807	IC	TC74VCX162827	1	22242395R2		
Q8901	IC	TC74VHCT08AFT	1	22274008GR2TO		
Q8901 or	IC	TC74VHCT08AFT (EKJ)	(1)	22274008G1R2TO		
Q8902	IC	NC7SZ08P5X_F042	1	22242482R2		
Q8903	IC	S-812C50BUC-C5ET2G	1	22242407R2		
Q8904	IC	XC6221B332MR	1	22242633R2	N	
Q8905	IC	XC6221B122MR	1	22242631R2	N	
Q8907	IC	CM3202-02DE	1	22242641R2	N	
Q8951	IC	MP2363DN-LF-Z	1	22242627R2		
Q8961	IC	MP2363DN-LF-Z	1	22242627R2		
[TRANS COIL]						
L201	CORE	BLM18PG181SN1D	1	2350005R1		
L202	CORE	BLM18PG121SN1D	1	2350006R1		
L203	C-CARBON R	RN72K1J-000JE	1	435030004R1		

L204	EMIFIL	BK1608LM182-T	1	230958R1		
L205	CORE	BLM18PG181SN1D	1	2350005R1		
L206	EMIFIL	BK1608LM182-T	1	230958R1		
L207	CORE	BLM18PG181SN1D	1	2350005R1		
L241	CORE	NFM18PC105R0J3D	1	2350014R1		
L251	CORE	BLM18PG181SN1D	1	2350005R1		
L261	EMIFIL	BK1608LM182-T	1	230958R1		
L282	CORE	BLM18PG181SN1D	1	2350005R1		
L8001	CORE	BLM18PG181SN1D	1	2350005R1		
L8004	CORE	BLM18PG181SN1D	1	2350005R1		
L8006	CORE	BLM18PG181SN1D	1	2350005R1		
L8007	CORE	BLM18PG181SN1D	1	2350005R1		
L8161	CORE	BLM18PG181SN1D	1	2350005R1		
L8162	CORE	BLM18PG181SN1D	1	2350005R1		
L8163	CORE	BLM18PG181SN1D	1	2350005R1		
L8164	CORE	BLM18PG181SN1D	1	2350005R1		
L8166	CORE	BLM18PG181SN1D	1	2350005R1		
L8200	CORE	BLM18PG181SN1D	1	2350005R1		
L8201	CORE	BLM18PG181SN1D	1	2350005R1		
L8202	CORE	BLM18PG181SN1D	1	2350005R1		
L8203	CORE	BLM18PG181SN1D	1	2350005R1		
L8204	CORE	BLM18PG181SN1D	1	2350005R1		
L8205	CORE	BLM18PG181SN1D	1	2350005R1		
L8206	CORE	BLM18PG181SN1D	1	2350005R1		
L8207	CORE	BLM18PG121SN1D	1	2350006R1		
L8208	CORE	BLM18PG181SN1D	1	2350005R1		
L8209	CORE	BLM18PG181SN1D	1	2350005R1		
L8210	CORE	BLM18PG181SN1D	1	2350005R1		
L8211	CORE	BLM18PG181SN1D	1	2350005R1		
L8212	CORE	BLM18PG181SN1D	1	2350005R1		
L8213	CORE	BLM18PG181SN1D	1	2350005R1		
L8214	CORE	BLM18PG181SN1D	1	2350005R1		
L8215	C-CARBON R	RN72K1J-000JE	1		NSP	
L8216	CORE	BLM18PG181SN1D	1	2350005R1		
L8217	CORE	BLM18PG181SN1D	1	2350005R1		
L8218	CORE	BLM18PG181SN1D	1	2350005R1		
L8301	CORE	BLM18PG181SN1D	1	2350005R1		
L8401	CORE	BLM18PG181SN1D	1	2350005R1		
L8402	CORE	BLM18PG181SN1D	1	2350005R1		
L8403	CORE	BLM18PG181SN1D	1	2350005R1		
L8404	CORE	BLM18PG181SN1D	1	2350005R1		
L8406	C-R NET	MNR12E0APJ000	1	43464900002R2		
L8407	C-R NET	MNR12E0APJ000	1	43464900002R2		

L8409	C-R NET	MNR12E0APJ000	1	43464900002R2		
L8410	C-R NET	MNR12E0APJ000	1	43464900002R2		
L8501	CORE	BLM18PG181SN1D	1	2350005R1		
L8502	CORE	BLM18PG181SN1D	1	2350005R1		
L8503	CORE	BLM18PG181SN1D	1	2350005R1		
L8504	CORE	BLM18PG181SN1D	1	2350005R1		
L8505	CORE	BLM18PG181SN1D	1	2350005R1		
L8506	CORE	BLM18PG181SN1D	1	2350005R1		
L8561	CORE	BLM18PG181SN1D	1	2350005R1		
L8608	EMIFIL	BK1608LM182-T	1	230958R1		
L8701	CORE	BLM18PG181SN1D	1	2350005R1		
L8801	CORE	BLM18PG181SN1D	1	2350005R1		
L8901	CHOKE COIL	BLM21PG221SN1	1	230949R2		
L8951	CHOKE COIL	BLM21PG221SN1	1	230949R2		
L8952	CHOKE COIL	0182-7E08Q-100M-RA	1	231396M100R2		
L8953	CHOKE COIL	BLM21PG221SN1	1	230949R2		
L8954	CHOKE COIL	BLM21PG221SN1	1	230949R2		
L8955	CORE	BLM18PG181SN1D	1	2350005R1		
L8961	CHOKE COIL	BLM21PG221SN1	1	230949R2		
L8962	CHOKE COIL	0182-7E08Q-100M-RA	1	231396M100R2		
L8963	CHOKE COIL	BLM21PG221SN1	1	230949R2		
L8964	CHOKE COIL	BLM21PG221SN1	1	230949R2		
X201	CRYSTAL	HC-49USSMD17.734MHz	1	3010488R2	N	
X8200	CRYSTAL	HC-49USSMD19.6608MHz	1	3010489R2	N	
X8501	CRYSTAL	DSX321G-27MHz	1	3010487R2	N	
X8701	CERA LOCK	CSTCR5M00G53-B0	1	3010356R2		
[CAPACITOR]						
C201	C-CERA C	CK725F1E-104Z1	1		NSP	
C202	C-CERA C	CK725B1H-102K1	1		NSP	
C203	C-CERA C	CK725F1E-104Z1	1		NSP	
C204	C-CERA C	CK725B1H-102K1	1		NSP	
C205	C-CERA C	CK725F1E-104Z1	1		NSP	
C206	C-CERA C	CK725B1H-102K1	1		NSP	
C207	C-CERA C	CK725F1E-104Z1	1		NSP	
C208	C-CERA C	CK725B1H-102K1	1		NSP	
C209	C-CERA C	CK725F1E-104Z1	1		NSP	
C210	C-CERA C	CK725B1H-102K1	1		NSP	
C211	C-CERA C	CK725F1E-104Z1	1		NSP	
C212	C-CERA C	CK725B1H-102K1	1		NSP	
C213	C-CERA C	CK725F1E-104Z1	1		NSP	
C215	C-CERA C	CK725B1H-102K1	1		NSP	
C216	C-CERA C	CK725F1E-104Z1	1		NSP	
C217	C-CERA C	CK725B1H-102K1	1		NSP	

C218	C-CERA C	CK725F1E-104Z1	1		NSP	
C219	C-CERA C	CK725B1H-102K1	1		NSP	
C220	C-CERA C	CK725F1E-104Z1	1		NSP	
C221	C-CERA C	CK725B1H-102K1	1		NSP	
C222	C-CERA C	CK725F1E-104Z1	1		NSP	
C223	C-CERA C	CK725B1H-102K1	1		NSP	
C224	C-CERA C	CK725F1E-104Z1	1		NSP	
C225	C-CERA C	CK725B1H-102K1	1		NSP	
C226	C-CERA C	CK725F1E-104Z1	1		NSP	
C227	C-CERA C	CK725B1H-102K1	1		NSP	
C228	C-CERA C	CK725F1E-104Z1	1		NSP	
C229	C-CERA C	CK725B1H-102K1	1		NSP	
C230	C-CERA C	CK725F1E-104Z1	1		NSP	
C231	C-CERA C	CK725B0J-106K	1		NSP	
C234	C-CERA C	CK725B0J-106K	1		NSP	
C238	C-CERA C	CC725CH1H-100D1	1		NSP	
C239	C-CERA C	CC725CH1H-100D1	1		NSP	
C241	C-CERA C	CK725B0J-106K	1		NSP	
C242	C-CERA C	CK725F1E-104Z1	1		NSP	
C243	C-CERA C	CC725CH1H-101J1	1		NSP	
C244	C-CERA C	CK725F1E-104Z1	1		NSP	
C245	C-CERA C	CK725F1A-105Z1	1		NSP	
C246	C-CERA C	CK725B0J-106K	1		NSP	
C247	C-CERA C	CK725B0J-106K	1		NSP	
C251	C-CERA C	CK725F1E-104Z1	1		NSP	
C252	C-CERA C	CK725B1H-102K1	1		NSP	
C253	C-CERA C	CK725B0J-106K	1		NSP	
C276	C-CERA C	CK725B0J-106K	1		NSP	
C277	C-CERA C	CK725B0J-106K	1		NSP	
C278	C-CERA C	CK725B0J-106K	1		NSP	
C279	C-CERA C	CK725F1E-104Z1	1		NSP	
C280	C-CERA C	CK725B0J-106K	1		NSP	
C281	C-CERA C	CK725B0J-106K	1		NSP	
C282	C-CERA C	CK725F1E-104Z1	1		NSP	
C283	C-CERA C	CC725CH1H-102J1	1		NSP	
C284	C-CERA C	CK725B0J-106K	1		NSP	
C285	C-CERA C	CK725F1E-104Z1	1		NSP	
C286	C-CERA C	CK725B1H-102K1	1		NSP	
C287	C-CERA C	CK725F1E-104Z1	1		NSP	
C288	C-CERA C	CK725B1H-102K1	1		NSP	
C289	C-CERA C	CK725F1E-104Z1	1		NSP	
C290	C-CERA C	CK725B1H-102K1	1		NSP	
C291	C-CERA C	CK725F1E-104Z1	1		NSP	

C292	C-CERA C	CK725B1H-102K1	1		NSP	
C8000	C-CERA C	CK725F1E-104Z1	1		NSP	
C8001	C-CERA C	CK725F1E-104Z1	1		NSP	
C8002	C-CERA C	CK725F1E-104Z1	1		NSP	
C8003	C-CERA C	CK725F1E-104Z1	1		NSP	
C8004	C-CERA C	CK725F1E-104Z1	1		NSP	
C8005	C-CERA C	CK725F1E-104Z1	1		NSP	
C8006	C-CERA C	CK725F1E-104Z1	1		NSP	
C8007	C-CERA C	CK725F1E-104Z1	1		NSP	
C8008	C-CERA C	CK725B1C-104K1	1		NSP	
C8009	C-CERA C	CK725F1E-104Z1	1		NSP	
C8010	C-CERA C	CK725B1C-104K1	1		NSP	
C8011	C-CERA C	CK725B1C-104K1	1		NSP	
C8012	C-CERA C	CK725F1E-104Z1	1		NSP	
C8013	C-CERA C	CK725F1E-104Z1	1		NSP	
C8014	C-CERA C	CK725F1E-104Z1	1		NSP	
C8015	C-CERA C	CK725B1C-104K1	1		NSP	
C8016	C-CERA C	CK725B1C-104K1	1		NSP	
C8017	C-CERA C	CK725B1C-104K1	1		NSP	
C8018	C-CERA C	CK725F1E-104Z1	1		NSP	
C8019	C-CERA C	CK725F1E-104Z1	1		NSP	
C8020	C-CERA C	CK725B1C-104K1	1		NSP	
C8021	C-CERA C	CK725F1E-104Z1	1		NSP	
C8022	C-CERA C	CK725B1C-104K1	1		NSP	
C8023	C-CERA C	CK725B1C-104K1	1		NSP	
C8024	C-CERA C	CK725B1C-104K1	1		NSP	
C8025	C-CERA C	CK725B1C-104K1	1		NSP	
C8026	C-CERA C	CK725B1C-104K1	1		NSP	
C8027	C-CERA C	CK725B1C-104K1	1		NSP	
C8028	C-CERA C	CK725B1C-104K1	1		NSP	
C8030	C-CERA C	CK725B0J-106K	1		NSP	
C8031	C-CERA C	CK725B0J-106K	1		NSP	
C8032	CHIP TANTAL	TCSCS0J226MAAR	1	396522207R2		
C8032 or	CHIP TANTAL	F93-6.3V-22M	(1)	395522207R2		
C8032 or	CHIP TANTAL	TEESVA0J226M8R	(1)	398422207R2		
C8033	C-CERA C	CK725F1E-104Z1	1		NSP	
C8034	C-CERA C	CK725B1H-102K1	1		NSP	
C8035	C-CERA C	CK725F1E-104Z1	1		NSP	
C8036	C-CERA C	CK725B0J-106K	1		NSP	
C8037	C-CERA C	CK725B0J-106K	1		NSP	
C8038	CHIP TANTAL	TCSCS0J226MAAR	1	396522207R2		
C8038 or	CHIP TANTAL	F93-6.3V-22M	(1)	395522207R2		
C8038 or	CHIP TANTAL	TEESVA0J226M8R	(1)	398422207R2		

C8039	C-CERA C	CK725F1E-104Z1	1		NSP
C8051	CHIP TANTAL	TCSCS0J226MAAR	1	396522207R2	
C8051 or	CHIP TANTAL	F93-6.3V-22M	(1)	395522207R2	
C8051 or	CHIP TANTAL	TEESVA0J226M8R	(1)	398422207R2	
C8052	C-CERA C	CK725F1A-105Z1	1		NSP
C8053	C-CERA C	CK725F1E-104Z1	1		NSP
C8054	C-CERA C	CK725B1H-102K1	1		NSP
C8055	C-CERA C	CK725B0J-106K	1		NSP
C8056	C-CERA C	CK725F1E-104Z1	1		NSP
C8057	C-CERA C	CK725B1H-102K1	1		NSP
C8058	C-CERA C	CK725B1H-103K1	1		NSP
C8059	C-CERA C	CK725B1H-102K1	1		NSP
C8060	C-CERA C	CK725B1H-103K1	1		NSP
C8061	C-CERA C	CK725B1H-102K1	1		NSP
C8062	C-CERA C	CK725B1H-103K1	1		NSP
C8063	C-CERA C	CK725B1H-102K1	1		NSP
C8064	C-CERA C	CK725B1H-103K1	1		NSP
C8065	C-CERA C	CK725B0J-106K	1		NSP
C8066	C-CERA C	CK725B1H-102K1	1		NSP
C8067	C-CERA C	CK725B1H-103K1	1		NSP
C8068	C-CERA C	CK725B1H-102K1	1		NSP
C8069	C-CERA C	CK725B1H-103K1	1		NSP
C8070	C-CERA C	CK725B1H-102K1	1		NSP
C8071	C-CERA C	CK725B1H-103K1	1		NSP
C8072	C-CERA C	CK725B1H-102K1	1		NSP
C8073	C-CERA C	CK725B1H-103K1	1		NSP
C8074	CHIP TANTAL	TCSCS0J226MAAR	1	396522207R2	
C8074 or	CHIP TANTAL	F93-6.3V-22M	(1)	395522207R2	
C8074 or	CHIP TANTAL	TEESVA0J226M8R	(1)	398422207R2	
C8075	C-CERA C	CK725F1A-105Z1	1		NSP
C8076	C-CERA C	CK725F1E-104Z1	1		NSP
C8077	C-CERA C	CK725B1H-102K1	1		NSP
C8079	C-CERA C	CK725F1E-104Z1	1		NSP
C8080	C-CERA C	CK725B1H-102K1	1		NSP
C8081	C-CERA C	CK725B1H-103K1	1		NSP
C8082	C-CERA C	CK725B1H-102K1	1		NSP
C8083	C-CERA C	CK725B1H-103K1	1		NSP
C8084	C-CERA C	CK725B1H-102K1	1		NSP
C8085	C-CERA C	CK725B1H-103K1	1		NSP
C8086	C-CERA C	CK725B1H-102K1	1		NSP
C8087	C-CERA C	CK725B1H-103K1	1		NSP
C8088	C-CERA C	CK725B0J-106K	1		NSP
C8089	C-CERA C	CK725B1H-102K1	1		NSP

C8090	C-CERA C	CK725B1H-103K1	1		NSP	
C8091	C-CERA C	CK725B1H-102K1	1		NSP	
C8092	C-CERA C	CK725B1H-103K1	1		NSP	
C8093	C-CERA C	CK725B1H-102K1	1		NSP	
C8094	C-CERA C	CK725B1H-103K1	1		NSP	
C8095	C-CERA C	CK725B1H-102K1	1		NSP	
C8096	C-CERA C	CK725B1H-103K1	1		NSP	
C8157	C-CERA C	CK725B0J-106K	1		NSP	
C8158	C-CERA C	CK725B0J-106K	1		NSP	
C8159	C-CERA C	CK725B0J-106K	1		NSP	
C8160	C-CERA C	CK725B0J-106K	1		NSP	
C8161	C-CERA C	CK725B1H-102K1	1		NSP	
C8162	C-CERA C	CK725F1E-104Z1	1		NSP	
C8163	C-CERA C	CK725B1A-105K1	1		NSP	
C8164	C-CERA C	CK725B1A-105K1	1		NSP	
C8165	C-CERA C	CK725F1E-104Z1	1		NSP	
C8166	C-CERA C	CK725B1H-102K1	1		NSP	
C8167	C-CERA C	CK725F1E-104Z1	1		NSP	
C8168	C-CERA C	CK725B1H-102K1	1		NSP	
C8169	C-CERA C	CK725F1E-104Z1	1		NSP	
C8170	C-CERA C	CK725B1H-102K1	1		NSP	
C8171	C-CERA C	CK725F1E-104Z1	1		NSP	
C8172	C-CERA C	CK725B1H-102K1	1		NSP	
C8173	C-CERA C	CK725F1E-104Z1	1		NSP	
C8174	C-CERA C	CK725B1H-102K1	1		NSP	
C8175	C-CERA C	CK725F1E-104Z1	1		NSP	
C8176	C-CERA C	CK725B1H-102K1	1		NSP	
C8177	C-CERA C	CK725F1E-104Z1	1		NSP	
C8178	C-CERA C	CK725B1H-102K1	1		NSP	
C8179	C-CERA C	CK725F1E-104Z1	1		NSP	
C8180	C-CERA C	CK725B1H-102K1	1		NSP	
C8181	C-CERA C	CK725F1A-105Z1	1		NSP	
C8182	C-CERA C	CK725B0J-106K	1		NSP	
C8183	C-CERA C	CK725B1H-102K1	1		NSP	
C8184	C-CERA C	CK725B0J-106K	1		NSP	
C8185	C-CERA C	CK725B0J-106K	1		NSP	
C8186	C-CERA C	CK725F1E-104Z1	1		NSP	
C8187	C-CERA C	CK725B0J-106K	1		NSP	
C8188	C-CERA C	CK725B0J-106K	1		NSP	
C8189	C-CERA C	CK725B0J-106K	1		NSP	
C8192	C-CERA C	CK725B1H-102K1	1		NSP	
C8193	C-CERA C	CK725F1E-104Z1	1		NSP	
C8194	C-CERA C	CK725F1A-105Z1	1		NSP	

C8195	C-CERA C	CK725F1A-105Z1	1		NSP	
C8196	C-CERA C	CK725F1A-105Z1	1		NSP	
C8197	C-CERA C	CK725F1A-105Z1	1		NSP	
C8198	C-CERA C	CK725F1A-105Z1	1		NSP	
C8199	C-CERA C	CK725B1H-102K1	1		NSP	
C8200	C-CERA C	CK725F1E-104Z1	1		NSP	
C8201	C-CERA C	CK725B1H-102K1	1		NSP	
C8202	CHIP TANTAL	TCSCS0J226MAAR	1	396522207R2		
C8202 or	CHIP TANTAL	F93-6.3V-22M	(1)	395522207R2		
C8202 or	CHIP TANTAL	TEESVA0J226M8R	(1)	398422207R2		
C8203	C-CERA C	CK725B0J-106K	1		NSP	
C8204	C-CERA C	CK725B0J-106K	1		NSP	
C8205	CHIP TANTAL	TCSCS0J226MAAR	1	396522207R2		
C8205 or	CHIP TANTAL	F93-6.3V-22M	(1)	395522207R2		
C8205 or	CHIP TANTAL	TEESVA0J226M8R	(1)	398422207R2		
C8206	C-CERA C	CK725B1H-102K1	1		NSP	
C8207	C-CERA C	CK725F1E-104Z1	1		NSP	
C8208	C-CERA C	CC725CH1H-330J1	1		NSP	
C8209	C-CERA C	CC725CH1H-330J1	1		NSP	
C8210	C-CERA C	CK725F1E-104Z1	1		NSP	
C8211	C-CERA C	CK725B0J-106K	1		NSP	
C8212	C-CERA C	CK725B0J-106K	1		NSP	
C8213	C-CERA C	CK725F1E-104Z1	1		NSP	
C8214	C-CERA C	CK725B0J-106K	1		NSP	
C8215	C-CERA C	CK725B0J-106K	1		NSP	
C8216	C-CERA C	CK725B0J-106K	1		NSP	
C8217	CHIP TANTAL	TCSCS0J226MAAR	1	396522207R2		
C8217 or	CHIP TANTAL	F93-6.3V-22M	(1)	395522207R2		
C8217 or	CHIP TANTAL	TEESVA0J226M8R	(1)	398422207R2		
C8218	C-CERA C	CK725B1H-102K1	1		NSP	
C8219	C-CERA C	CK725F1E-104Z1	1		NSP	
C8220	C-CERA C	CK725B1H-102K1	1		NSP	
C8221	C-CERA C	CK725F1E-104Z1	1		NSP	
C8222	C-CERA C	CK725B1H-102K1	1		NSP	
C8223	C-CERA C	CK725F1E-104Z1	1		NSP	
C8224	C-CERA C	CK725F1E-104Z1	1		NSP	
C8225	C-CERA C	CK725B1H-102K1	1		NSP	
C8226	C-CERA C	CK725F1E-104Z1	1		NSP	
C8227	C-CERA C	CK725B1H-102K1	1		NSP	
C8228	C-CERA C	CK725F1E-104Z1	1		NSP	
C8229	C-CERA C	CK725F1E-104Z1	1		NSP	
C8230	CHIP TANTAL	TCSCS0J226MAAR	1	396522207R2		
C8230 or	CHIP TANTAL	F93-6.3V-22M	(1)	395522207R2		

C8230 or	CHIP TANTAL	TEESVA0J226M8R	(1)	398422207R2		
C8231	C-CERA C	CK725B0J-106K	1		NSP	
C8232	C-CERA C	CK725B0J-106K	1		NSP	
C8233	C-CERA C	CK725B1H-102K1	1		NSP	
C8234	C-CERA C	CK725F1E-104Z1	1		NSP	
C8235	C-CERA C	CK725B1H-102K1	1		NSP	
C8236	C-CERA C	CK725F1E-104Z1	1		NSP	
C8237	C-CERA C	CK725B1H-102K1	1		NSP	
C8238	C-CERA C	CK725F1E-104Z1	1		NSP	
C8239	C-CERA C	CK725B1H-102K1	1		NSP	
C8240	C-CERA C	CK725B0J-106K	1		NSP	
C8241	C-CERA C	CK725B0J-106K	1		NSP	
C8242	C-CERA C	CK725F1E-104Z1	1		NSP	
C8243	C-CERA C	CK725B1H-102K1	1		NSP	
C8244	C-CERA C	CK725F1E-104Z1	1		NSP	
C8245	C-CERA C	CK725B1H-102K1	1		NSP	
C8246	C-CERA C	CK725F1E-104Z1	1		NSP	
C8247	C-CERA C	CK725B0J-106K	1		NSP	
C8253	C-CERA C	CK725B0J-106K	1		NSP	
C8254	C-CERA C	CK725F1E-104Z1	1		NSP	
C8255	C-CERA C	CK725F1E-104Z1	1		NSP	
C8256	C-CERA C	CK725B1H-102K1	1		NSP	
C8257	C-CERA C	CK725B0J-106K	1		NSP	
C8258	C-CERA C	CK725F1E-104Z1	1		NSP	
C8259	C-CERA C	CK725F1E-104Z1	1		NSP	
C8260	C-CERA C	CK725B0J-106K	1		NSP	
C8261	C-CERA C	CK725F1E-104Z1	1		NSP	
C8262	C-CERA C	CK725F1E-104Z1	1		NSP	
C8263	C-CERA C	CK725B0J-106K	1		NSP	
C8264	C-CERA C	CK725F1E-104Z1	1		NSP	
C8265	C-CERA C	CK725F1E-104Z1	1		NSP	
C8266	C-CERA C	CK725F1E-104Z1	1		NSP	
C8267	C-CERA C	CK725B0J-106K	1		NSP	
C8268	C-CERA C	CK725F1E-104Z1	1		NSP	
C8269	C-CERA C	CK725F1E-104Z1	1		NSP	
C8270	C-CERA C	CK725F1E-104Z1	1		NSP	
C8271	C-CERA C	CK725F1E-104Z1	1		NSP	
C8272	C-CERA C	CK725B0J-106K	1		NSP	
C8273	CHIP TANTAL	TCSCS0J226MAAR	1	396522207R2		
C8273 or	CHIP TANTAL	F93-6.3V-22M	(1)	395522207R2		
C8273 or	CHIP TANTAL	TEESVA0J226M8R	(1)	398422207R2		
C8274	C-CERA C	CK725B1H-102K1	1		NSP	
C8275	C-CERA C	CK725B1H-103K1	1		NSP	

C8276	C-CERA C	CK725B1H-102K1	1		NSP	
C8277	C-CERA C	CK725B1H-103K1	1		NSP	
C8278	C-CERA C	CK725B1H-102K1	1		NSP	
C8279	C-CERA C	CK725B1H-103K1	1		NSP	
C8280	C-CERA C	CK725B1H-102K1	1		NSP	
C8281	CHIP TANTAL	TCSCS0J226MAAR	1	396522207R2		
C8281 or	CHIP TANTAL	F93-6.3V-22M	(1)	395522207R2		
C8281 or	CHIP TANTAL	TEESVA0J226M8R	(1)	398422207R2		
C8282	C-CERA C	CK725B1H-102K1	1		NSP	
C8283	C-CERA C	CK725B1H-103K1	1		NSP	
C8284	C-CERA C	CK725B1H-102K1	1		NSP	
C8285	C-CERA C	CK725B1H-103K1	1		NSP	
C8286	C-CERA C	CK725B1H-102K1	1		NSP	
C8287	C-CERA C	CK725B1H-103K1	1		NSP	
C8288	C-CERA C	CK725B1H-102K1	1		NSP	
C8289	C-CERA C	CK725F1E-104Z1	1		NSP	
C8290	C-CERA C	CK725B1H-102K1	1		NSP	
C8291	C-CERA C	CK725F1E-104Z1	1		NSP	
C8292	C-CERA C	CK725F1A-105Z1	1		NSP	
C8293	CHIP TANTAL	TCSCS0J226MAAR	1	396522207R2		
C8293 or	CHIP TANTAL	F93-6.3V-22M	(1)	395522207R2		
C8293 or	CHIP TANTAL	TEESVA0J226M8R	(1)	398422207R2		
C8294	CHIP TANTAL	TCSCS0J226MAAR	1	396522207R2		
C8294 or	CHIP TANTAL	F93-6.3V-22M	(1)	395522207R2		
C8294 or	CHIP TANTAL	TEESVA0J226M8R	(1)	398422207R2		
C8295	C-CERA C	CK725B1H-103K1	1		NSP	
C8296	C-CERA C	CK725B1H-103K1	1		NSP	
C8297	CHIP TANTAL	TCSCS0J226MAAR	1	396522207R2		
C8297 or	CHIP TANTAL	F93-6.3V-22M	(1)	395522207R2		
C8297 or	CHIP TANTAL	TEESVA0J226M8R	(1)	398422207R2		
C8298	C-CERA C	CK725B1H-103K1	1		NSP	
C8299	C-CERA C	CK725B1H-103K1	1		NSP	
C8326	C-CERA C	CK725F1E-104Z1	1		NSP	
C8328	C-CERA C	CK725B0J-106K	1		NSP	
C8330	C-CERA C	CK725F1E-104Z1	1		NSP	
C8348	C-CERA C	CK725B1H-102K1	1		NSP	
C8399	C-CERA C	CK725B1H-102K1	1		NSP	
C8401	C-CERA C	CK725F1E-104Z1	1		NSP	
C8402	C-CERA C	CK725B1H-103K1	1		NSP	
C8403	C-CERA C	CK725F1E-104Z1	1		NSP	
C8404	C-CERA C	CK725B1H-103K1	1		NSP	
C8405	C-CERA C	CK725F1E-104Z1	1		NSP	
C8406	C-CERA C	CK725B1H-103K1	1		NSP	

C8407	C-CERA C	CK725F1E-104Z1	1		NSP	
C8408	C-CERA C	CK725B1H-103K1	1		NSP	
C8409	C-CERA C	CK725F1E-104Z1	1		NSP	
C8410	C-CERA C	CK725B1H-103K1	1		NSP	
C8411	C-CERA C	CK725F1E-104Z1	1		NSP	
C8412	C-CERA C	CK725B1H-103K1	1		NSP	
C8413	C-CERA C	CK725F1E-104Z1	1		NSP	
C8414	C-CERA C	CK725B1H-103K1	1		NSP	
C8415	C-CERA C	CK725F1E-104Z1	1		NSP	
C8416	C-CERA C	CK725B1H-103K1	1		NSP	
C8417	C-CERA C	CK725F1E-104Z1	1		NSP	
C8418	C-CERA C	CK725B1H-103K1	1		NSP	
C8419	C-CERA C	CC725CH1H-040C1	1		NSP	
C8420	C-CERA C	CK725B1H-102K1	1		NSP	
C8421	C-CERA C	CK725B0J-106K	1		NSP	
C8422	C-CERA C	CK725B0J-106K	1		NSP	
C8424	C-CERA C	CK725B0J-106K	1		NSP	
C8425	C-CERA C	CK725B0J-106K	1		NSP	
C8428	C-CERA C	CK725B0J-106K	1		NSP	
C8429	C-CERA C	CK725F1E-104Z1	1		NSP	
C8430	C-CERA C	CC725CH1H-080D1	1		NSP	
C8431	C-CERA C	CK725B0J-106K	1		NSP	
C8432	C-CERA C	CK725B1H-103K1	1		NSP	
C8433	C-CERA C	CK725F1E-104Z1	1		NSP	
C8434	C-CERA C	CK725B1H-103K1	1		NSP	
C8435	C-CERA C	CK725F1E-104Z1	1		NSP	
C8436	C-CERA C	CK725F1A-105Z1	1		NSP	
C8437	C-CERA C	CK725F1A-105Z1	1		NSP	
C8438	C-CERA C	CK725F1A-105Z1	1		NSP	
C8439	C-CERA C	CK725F1A-105Z1	1		NSP	
C8440	C-CERA C	CK725B1A-105K1	1		NSP	
C8441	C-CERA C	CK725B1A-105K1	1		NSP	
C8442	C-CERA C	CC725CH1H-101J1	1		NSP	
C8443	C-CERA C	CK725B1C-104K1	1		NSP	
C8502	C-CERA C	CK725B0J-106K	1		NSP	
C8506	C-CERA C	CK725B0J-106K	1		NSP	
C8507	C-CERA C	CK725B1H-102K1	1		NSP	
C8508	C-CERA C	CK725F1A-105Z1	1		NSP	
C8509	C-CERA C	CK725B1H-102K1	1		NSP	
C8510	C-CERA C	CK725F1A-105Z1	1		NSP	
C8511	C-CERA C	CK725B1H-102K1	1		NSP	
C8512	C-CERA C	CK725F1E-104Z1	1		NSP	
C8513	C-CERA C	CK725B1H-102K1	1		NSP	

C8514	C-CERA C	CK725F1E-104Z1	1		NSP	
C8515	C-CERA C	CK725B1H-102K1	1		NSP	
C8516	C-CERA C	CK725F1E-104Z1	1		NSP	
C8517	C-CERA C	CK725B1H-102K1	1		NSP	
C8518	C-CERA C	CK725F1E-104Z1	1		NSP	
C8519	C-CERA C	CK725B1H-102K1	1		NSP	
C8522	C-CERA C	CK725B0J-106K	1		NSP	
C8524	C-CERA C	CK725B0J-106K	1		NSP	
C8525	C-CERA C	CK725B0J-106K	1		NSP	
C8527	C-CERA C	CK725B1H-102K1	1		NSP	
C8530	C-CERA C	CK725F1E-104Z1	1		NSP	
C8531	C-CERA C	CK725B1H-102K1	1		NSP	
C8532	C-CERA C	CK725F1E-104Z1	1		NSP	
C8533	C-CERA C	CK725B1H-102K1	1		NSP	
C8534	C-CERA C	CK725F1E-104Z1	1		NSP	
C8535	C-CERA C	CK725B1H-102K1	1		NSP	
C8536	C-CERA C	CK725F1E-104Z1	1		NSP	
C8537	C-CERA C	CK725B1H-102K1	1		NSP	
C8538	C-CERA C	CK725F1E-104Z1	1		NSP	
C8539	C-CERA C	CK725B1H-102K1	1		NSP	
C8548	C-CERA C	CK725F1E-104Z1	1		NSP	
C8549	C-CERA C	CK725B1H-102K1	1		NSP	
C8550	C-CERA C	CK725F1E-104Z1	1		NSP	
C8551	C-CERA C	CK725B1H-102K1	1		NSP	
C8552	C-CERA C	CK725F1E-104Z1	1		NSP	
C8553	C-CERA C	CK725B1H-102K1	1		NSP	
C8554	C-CERA C	CK725F1E-104Z1	1		NSP	
C8555	C-CERA C	CK725B1H-102K1	1		NSP	
C8556	C-CERA C	CK725F1E-104Z1	1		NSP	
C8557	C-CERA C	CK725B1H-102K1	1		NSP	
C8560	C-CERA C	CK725B0J-106K	1		NSP	
C8561	C-CERA C	CK725B0J-106K	1		NSP	
C8563	C-CERA C	CK725B0J-106K	1		NSP	
C8565	C-CERA C	CK725B0J-106K	1		NSP	
C8566	C-CERA C	CK725B1H-102K1	1		NSP	
C8567	C-CERA C	CK725F1E-104Z1	1		NSP	
C8573	C-CERA C	CK725F1E-104Z1	1		NSP	
C8574	C-CERA C	CC725CH1H-060D1	1		NSP	
C8575	C-CERA C	CC725CH1H-060D1	1		NSP	
C8584	C-CERA C	CK725B0J-106K	1		NSP	
C8605	C-CERA C	CK725B1H-102K1	1		NSP	
C8606	C-CERA C	CK725B1H-102K1	1		NSP	
C8611	C-CERA C	CK725B1H-102K1	1		NSP	

C8612	C-CERA C	CK725B1H-102K1	1		NSP
C8621	C-CERA C	CK725B1H-102K1	1		NSP
C8622	C-CERA C	CK725B1H-102K1	1		NSP
C8631	C-CARBON R	RN72K1J-000JE	1	435030004R1	
C8632	C-CERA C	CK725B1H-102K1	1		NSP
C8687	C-CERA C	CK725F1E-104Z1	1		NSP
C8690	C-CERA C	CK725F1E-104Z1	1		NSP
C8701	C-CERA C	CK725F1E-104Z1	1		NSP
C8702	C-CERA C	CK725F1E-104Z1	1		NSP
C8703	C-CERA C	CK725F1A-105Z1	1		NSP
C8704	CHIP ELECT C	CEWX50V-4.7M	1	398180477R2	
C8705	C-CERA C	CK725F1A-105Z1	1		NSP
C8706	C-CERA C	CK725F1E-104Z1	1		NSP
C8707	C-CERA C	CK725F1E-104Z1	1		NSP
C8708	C-CERA C	CK725B0J-106K	1		NSP
C8709	C-CERA C	CK725B0J-106K	1		NSP
C8710	C-CERA C	CK725F1A-105Z1	1		NSP
C8801	C-CERA C	CK725F1E-104Z1	1		NSP
C8802	C-CERA C	CK725F1E-104Z1	1		NSP
C8803	C-CERA C	CK725F1E-104Z1	1		NSP
C8804	C-CERA C	CK725F1E-104Z1	1		NSP
C8805	C-CERA C	CK725F1E-104Z1	1		NSP
C8806	C-CERA C	CK725B1H-102K1	1		NSP
C8807	C-CERA C	CK725F1E-104Z1	1		NSP
C8808	C-CERA C	CK725B1H-102K1	1		NSP
C8809	C-CERA C	CK725F1E-104Z1	1		NSP
C8810	C-CERA C	CK725B1H-102K1	1		NSP
C8811	C-CERA C	CK725F1E-104Z1	1		NSP
C8812	C-CERA C	CK725B1H-102K1	1		NSP
C8813	C-CERA C	CK725F1E-104Z1	1		NSP
C8814	C-CERA C	CK725B1H-102K1	1		NSP
C8815	C-CERA C	CK725F1E-104Z1	1		NSP
C8816	C-CERA C	CK725B1H-102K1	1		NSP
C8817	C-CERA C	CK725B0J-106K	1		NSP
C8818	C-CERA C	CK725B0J-106K	1		NSP
C8819	C-CERA C	CK725B0J-106K	1		NSP
C8820	C-CERA C	CK725B0J-106K	1		NSP
C8821	C-CERA C	CK725B1H-102K1	1		NSP
C8822	C-CERA C	CK725F1E-104Z1	1		NSP
C8901	CHIP ELECT C	CEWX16V-100M	1	398141017R2	
C8902	C-CERA C	CK725B1E-106K	1		NSP
C8903	C-CERA C	CK725B1E-106K	1		NSP
C8904	C-CERA C	CK725B1A-105K1	1		NSP

C8905	C-CERA C	CK725B1A-105K1	1		NSP	
C8906	C-CERA C	CK725F1E-104Z1	1		NSP	
C8907	C-CERA C	CK725B1A-105K1	1		NSP	
C8908	C-CERA C	CK725B1A-105K1	1		NSP	
C8909	C-CERA C	CK725F1E-104Z1	1		NSP	
C8910	C-CERA C	CK725F1E-104Z1	1		NSP	
C8911	C-CERA C	CK725B0J-106K	1		NSP	
C8912	C-CERA C	CK725F1E-104Z1	1		NSP	
C8913	C-CERA C	CK725B0J-106K	1		NSP	
C8914	C-CERA C	CK725F1E-104Z1	1		NSP	
C8915	C-CERA C	CK725B0J-106K	1		NSP	
C8916	CHIP TANTAL	TCSCS0J107MBAR	1	396521017R2		
C8916 or	CHIP TANTAL	F93-6.3V-100M	(1)	395521017R2		
C8916 or	CHIP TANTAL	TEESVB20J107M8R	(1)	398421017R2		
C8917	C-CERA C	CK725B0J-106K	1		NSP	
C8918	CHIP TANTAL	TCSCS0J107MBAR	1	396521017R2		
C8918 or	CHIP TANTAL	F93-6.3V-100M	(1)	395521017R2		
C8918 or	CHIP TANTAL	TEESVB20J107M8R	(1)	398421017R2		
C8919	C-CERA C	CK725B0J-106K	1		NSP	
C8920	C-CERA C	CK725B0J-106K	1		NSP	
C8921	C-CERA C	CK725F1E-104Z1	1		NSP	
C8922	C-CERA C	CK725F1E-104Z1	1		NSP	
C8950	C-CERA C	CC725CH1H-151J1	1		NSP	
C8951	C-CERA C	CK725F1E-104Z1	1		NSP	
C8952	C-CERA C	CK725F1E-104Z1	1		NSP	
C8953	C-CERA C	CK725B1E-106K	1		NSP	
C8954	C-CERA C	CK725B1E-106K	1		NSP	
C8955	C-CERA C	CK725B1H-103K1	1		NSP	
C8956	C-CERA C	CK725B0J-106K	1		NSP	
C8957	C-CERA C	CK725B0J-106K	1		NSP	
C8958	C-CERA C	CK725B0J-106K	1		NSP	
C8959	C-CERA C	CK725F1A-105Z1	1		NSP	
C8960	CHIP ELECT C	CEWX16V-100M	1	398141017R2		
C8961	C-CERA C	CK725F1E-104Z1	1		NSP	
C8962	C-CERA C	CK725F1E-104Z1	1		NSP	
C8963	C-CERA C	CK725B1E-106K	1		NSP	
C8964	C-CERA C	CK725B1E-106K	1		NSP	
C8965	C-CERA C	CK725B1H-223K1	1		NSP	
C8966	C-CERA C	CK725B0J-106K	1		NSP	
C8967	C-CERA C	CK725B0J-106K	1		NSP	
C8968	C-CERA C	CK725B0J-106K	1		NSP	
C8969	C-CERA C	CK725F1A-105Z1	1		NSP	
C8970	CHIP ELECT C	CEWX16V-100M	1	398141017R2		

C8971	C-CERA C	CK725F1E-104Z1	1		NSP	
C8972	C-CERA C	CC725CH1H-331J1	1		NSP	
[RESISTOR]						
R200	C-CARBON R	RN72K1J-221JE	1		NSP	
R201	C-CARBON R	RN72K1J-103JE	1		NSP	
R202	C-CARBON R	RN72K1J-103JE	1		NSP	
R203	C-CARBON R	RN72K1J-103JE	1		NSP	
R205	C-CARBON R	RN72K1J-103JE	1		NSP	
R206	C-CARBON R	RN72K1J-221JE	1		NSP	
R207	C-CARBON R	RN72K1J-391JE	1		NSP	
R208	C-CARBON R	RN72K1J-103JE	1		NSP	
R209	C-CARBON R	RN72K1J-470JE	1		NSP	
R210	C-R NET	RM7LJ330X04	1	43484733004R2		
R211	C-R NET	RM7LJ330X04	1	43484733004R2		
R212	C-R NET	RM7LJ330X04	1	43484733004R2		
R213	C-R NET	RM7LJ330X04	1	43484733004R2		
R214	C-R NET	RM7LJ330X04	1	43484733004R2		
R215	C-R NET	RM7LJ330X04	1	43484733004R2		
R216	C-R NET	RM7LJ330X04	1	43484733004R2		
R217	C-R NET	RM7LJ330X04	1	43484733004R2		
R218	C-R NET	RM7LJ330X04	1	43484733004R2		
R221	C-CARBON R	RN72K1J-750JE	1		NSP	
R240	C-CARBON R	RN72K1J-331JE	1		NSP	
R241	C-CARBON R	RN72K1J-331JE	1		NSP	
R242	C-CARBON R	RN72K1J-470JE	1		NSP	
R243	C-CARBON R	RN72K1J-221JE	1		NSP	
R244	C-CARBON R	RN72K1J-470JE	1		NSP	
R245	C-CARBON R	RN72K1J-103JE	1		NSP	
R246	C-CARBON R	RN72K1J-000JE	1		NSP	
R250	C-CARBON R	RN72K1J-472JE	1		NSP	
R251	C-CARBON R	RN72K1J-221JE	1		NSP	
R252	C-CARBON R	RN72K1J-331JE	1		NSP	
R253	C-CARBON R	RN72K1J-470JE	1		NSP	
R254	C-CARBON R	RN72K1J-470JE	1		NSP	
R255	C-CARBON R	RN72K1J-470JE	1		NSP	
R256	C-CARBON R	RN72K1J-470JE	1		NSP	
R257	C-CARBON R	RN72K1J-470JE	1		NSP	
R258	C-CARBON R	RN72K1J-470JE	1		NSP	
R259	C-CARBON R	RN72K1J-331JE	1		NSP	
R260	C-CARBON R	RN72K1J-470JE	1		NSP	
R261	C-CARBON R	RN72K1J-470JE	1		NSP	
R262	C-CARBON R	RN72K1J-331JE	1		NSP	
R263	C-CARBON R	RN72K1J-331JE	1		NSP	

R264	C-CARBON R	RN72K1J-331JE	1		NSP	
R265	C-CARBON R	RN72K1J-470JE	1		NSP	
R267	C-CARBON R	RN72K1J-105JE	1		NSP	
R268	C-CARBON R	RN72K1J-331JE	1		NSP	
R269	C-CARBON R	RN72K1J-331JE	1		NSP	
R270	C-CARBON R	RN72K1J-331JE	1		NSP	
R271	C-CARBON R	RN72K1J-470JE	1		NSP	
R272	C-CARBON R	RN72K1J-331JE	1		NSP	
R273	C-CARBON R	RN72K1J-331JE	1		NSP	
R274	C-CARBON R	RN72K1J-470JE	1		NSP	
R275	C-CARBON R	RN72K1J-221JE	1		NSP	
R276	C-CARBON R	RN72K1J-221JE	1		NSP	
R277	C-CARBON R	RN72K1J-151JE	1		NSP	
R278	C-CARBON R	RN72K1J-331JE	1		NSP	
R279	C-CARBON R	RN72K1J-331JE	1		NSP	
R280	C-CARBON R	RN72K1J-470JE	1		NSP	
R281	C-CARBON R	RN72K1J-103JE	1		NSP	
R282	C-CARBON R	RN72K1J-103JE	1		NSP	
R283	C-CARBON R	RN72K1J-103JE	1		NSP	
R284	C-CARBON R	RN72K1J-103JE	1		NSP	
R285	C-CARBON R	RN72K1J-103JE	1		NSP	
R286	C-CARBON R	RN72K1J-331JE	1		NSP	
R287	C-CARBON R	RN72K1J-103JE	1		NSP	
R288	C-CARBON R	RN72K1J-103JE	1		NSP	
R289	C-CARBON R	RN72K1J-472JE	1		NSP	
R290	C-CARBON R	RN72K1J-472JE	1		NSP	
R295	C-CARBON R	RN72K2E-068JE	1		NSP	
R296	C-CARBON R	RN72K2E-068JE	1		NSP	
R297	C-CARBON R	RN72K2E-068JE	1		NSP	
R298	C-CARBON R	RN72K2E-068JE	1		NSP	
R8000	C-CARBON R	RN72K1J-220JE	1		NSP	
R8001	C-CARBON R	RN72K1J-220JE	1		NSP	
R8002	C-CARBON R	RN72K1J-220JE	1		NSP	
R8003	C-CARBON R	RN72K1J-220JE	1		NSP	
R8004	C-CARBON R	RN72K1J-750JE	1		NSP	
R8005	C-CARBON R	RN72K1J-750JE	1		NSP	
R8006	C-CARBON R	RN72K1J-750JE	1		NSP	
R8007	C-CARBON R	RN72K1J-750JE	1		NSP	
R8008	C-CARBON R	RN72K1J-471JE	1		NSP	
R8009	C-CARBON R	RN72K1J-680JE	1		NSP	
R8010	C-CARBON R	RN72K1J-471JE	1		NSP	
R8011	C-CARBON R	RN72K1J-680JE	1		NSP	
R8012	C-CARBON R	RN72K1J-220JE	1		NSP	

R8013	C-CARBON R	RN72K1J-220JE	1		NSP
R8014	C-CARBON R	RN72K1J-220JE	1		NSP
R8015	C-CARBON R	RN72K1J-220JE	1		NSP
R8016	C-CARBON R	RN72K1J-750JE	1		NSP
R8017	C-CARBON R	RN72K1J-750JE	1		NSP
R8018	C-CARBON R	RN72K1J-750JE	1		NSP
R8019	C-CARBON R	RN72K1J-750JE	1		NSP
R8020	C-CARBON R	RN72K1J-471JE	1		NSP
R8021	C-CARBON R	RN72K1J-680JE	1		NSP
R8022	C-CARBON R	RN72K1J-471JE	1		NSP
R8023	C-CARBON R	RN72K1J-680JE	1		NSP
R8024	C-CARBON R	RN72K1J-220JE	1		NSP
R8025	C-CARBON R	RN72K1J-220JE	1		NSP
R8026	C-CARBON R	RN72K1J-220JE	1		NSP
R8027	C-CARBON R	RN72K1J-220JE	1		NSP
R8028	C-CARBON R	RN72K1J-750JE	1		NSP
R8029	C-CARBON R	RN72K1J-750JE	1		NSP
R8030	C-CARBON R	RN72K1J-750JE	1		NSP
R8031	C-CARBON R	RN72K1J-750JE	1		NSP
R8032	C-CARBON R	RN72K1J-471JE	1		NSP
R8033	C-CARBON R	RN72K1J-680JE	1		NSP
R8034	C-CARBON R	RN72K1J-471JE	1		NSP
R8035	C-CARBON R	RN72K1J-680JE	1		NSP
R8036	C-CARBON R	RN72K1J-220JE	1		NSP
R8037	C-CARBON R	RN72K1J-220JE	1		NSP
R8038	C-CARBON R	RN72K1J-220JE	1		NSP
R8039	C-CARBON R	RN72K1J-220JE	1		NSP
R8040	C-CARBON R	RN72K1J-750JE	1		NSP
R8041	C-CARBON R	RN72K1J-750JE	1		NSP
R8042	C-CARBON R	RN72K1J-750JE	1		NSP
R8043	C-CARBON R	RN72K1J-750JE	1		NSP
R8044	C-CARBON R	RN72K1J-471JE	1		NSP
R8045	C-CARBON R	RN72K1J-680JE	1		NSP
R8046	C-CARBON R	RN72K1J-220JE	1		NSP
R8047	C-CARBON R	RN72K1J-471JE	1		NSP
R8048	C-CARBON R	RN72K1J-680JE	1		NSP
R8049	C-CARBON R	RN72K1J-220JE	1		NSP
R8050	C-CARBON R	RN72K1J-471JE	1		NSP
R8051	C-CARBON R	RN72K1J-680JE	1		NSP
R8052	C-CARBON R	RN72K1J-220JE	1		NSP
R8053	C-CARBON R	RN72K1J-471JE	1		NSP
R8054	C-CARBON R	RN72K1J-680JE	1		NSP
R8055	C-CARBON R	RN72K1J-750JE	1		NSP

R8056	C-CARBON R	RN72K1J-750JE	1		NSP
R8057	C-CARBON R	RN72K1J-750JE	1		NSP
R8075	C-CARBON R	RN72K1J-750JE	1		NSP
R8076	C-CARBON R	RN72K1J-750JE	1		NSP
R8077	C-CARBON R	RN72K1J-750JE	1		NSP
R8078	C-CARBON R	RN72K1J-750JE	1		NSP
R8160	C-CARBON R	RN72K1J-472JE	1		NSP
R8161	C-CARBON R	RN72K1J-104JE	1		NSP
R8162	C-CARBON R	RN72K1J-104JE	1		NSP
R8163	C-CARBON R	RN72K1J-104JE	1		NSP
R8164	C-CARBON R	RN72K1J-104JE	1		NSP
R8165	C-CARBON R	RN72K1J-104JE	1		NSP
R8166	C-CARBON R	RN72K1J-000JE	1		NSP
R8204	C-CARBON R	RN72K1J-000JE	1		NSP
R8205	C-CARBON R	RN72K1J-000JE	1		NSP
R8206	C-CARBON R	RN72K1J-103JE	1		NSP
R8207	C-CARBON R	RN72K1J-271JE	1		NSP
R8208	C-CARBON R	RN72K1J-103JE	1		NSP
R8210	C-CARBON R	RN72K1J-560JE	1		NSP
R8211	C-R NET	RM7LJ220X04	1	43484722004R2	
R8212	C-CARBON R	RN72K1J-103JE	1		NSP
R8213	C-CARBON R	RN72K1J-103JE	1		NSP
R8214	C-CARBON R	RN72K1J-103JE	1		NSP
R8215	C-CARBON R	RN72K1J-103JE	1		NSP
R8216	C-CARBON R	RN72K1J-103JE	1		NSP
R8217	C-CARBON R	RN72K1J-103JE	1		NSP
R8218	C-CARBON R	RN72K1J-101JE	1		NSP
R8219	C-CARBON R	RN72K1J-101JE	1		NSP
R8220	C-CARBON R	RN72K1J-101JE	1		NSP
R8221	C-CARBON R	RN72K1J-101JE	1		NSP
R8222	C-CARBON R	RN72K1J-272JE	1		NSP
R8223	C-CARBON R	RN72K1J-272JE	1		NSP
R8224	C-CARBON R	RN72K1J-103JE	1		NSP
R8225	C-R NET	RM7LJ220X04	1	43484722004R2	
R8226	C-R NET	RM7LJ220X04	1	43484722004R2	
R8228	C-CARBON R	RN72K1J-103JE	1		NSP
R8229	C-CARBON R	RN72K1J-103JE	1		NSP
R8230	C-CARBON R	RN72K1J-103JE	1		NSP
R8231	C-CARBON R	RN72K1J-103JE	1		NSP
R8232	C-CARBON R	RN72K1J-103JE	1		NSP
R8233	C-CARBON R	RN72K1J-102JE	1		NSP
R8234	C-CARBON R	RN72K1J-103JE	1		NSP
R8236	C-CARBON R	RN72K1J-103JE	1		NSP

R8251	C-CARBON R	RN72K1J-221JE	1		NSP	
R8252	C-CARBON R	RN72K1J-222JE	1		NSP	
R8253	C-CARBON R	RN72K1J-221JE	1		NSP	
R8254	C-CARBON R	RN72K1J-222JE	1		NSP	
R8255	C-R NET	RM7LJ220X04	1	43484722004R2		
R8256	C-R NET	RM7LJ220X04	1	43484722004R2		
R8257	C-R NET	RM7LJ220X04	1	43484722004R2		
R8258	C-R NET	RM7LJ220X04	1	43484722004R2		
R8259	C-R NET	RM7LJ220X04	1	43484722004R2		
R8260	C-R NET	RM7LJ220X04	1	43484722004R2		
R8261	C-R NET	RM7LJ220X04	1	43484722004R2		
R8262	C-R NET	RM7LJ220X04	1	43484722004R2		
R8263	C-R NET	RM7LJ220X04	1	43484722004R2		
R8264	C-R NET	RM7LJ220X04	1	43484722004R2		
R8265	C-R NET	RM7LJ220X04	1	43484722004R2		
R8266	C-R NET	RM7LJ220X04	1	43484722004R2		
R8267	C-R NET	RM7LJ220X04	1	43484722004R2		
R8268	C-R NET	RM7LJ220X04	1	43484722004R2		
R8269	C-R NET	RM7LJ220X04	1	43484722004R2		
R8270	C-R NET	RM7LJ220X04	1	43484722004R2		
R8271	C-R NET	RM7LJ220X04	1	43484722004R2		
R8272	C-CARBON R	RN72K1J-103JE	1		NSP	
R8273	C-CARBON R	RN72K1J-000JE	1		NSP	
R8274	C-CARBON R	RN72K1J-272FE	1		NSP	
R8275	C-CARBON R	RN72K1J-331FE	1		NSP	
R8276	C-CARBON R	RN72K1J-220JE	1		NSP	
R8277	C-CARBON R	RN72K1J-220JE	1		NSP	
R8330	C-CARBON R	RN72K1J-000JE	1		NSP	
R8331	C-CARBON R	RN72K1J-000JE	1		NSP	
R8333	C-CARBON R	RN72K1J-103JE	1		NSP	
R8334	C-CARBON R	RN72K1J-182JE	1		NSP	
R8335	C-CARBON R	RN72K1J-182JE	1		NSP	
R8336	C-CARBON R	RN72K1J-472JE	1		NSP	
R8337	C-CARBON R	RN72K1J-104JE	1		NSP	
R8338	C-CARBON R	RN72K1J-473JE	1		NSP	
R8339	C-CARBON R	RN72K2E-470JE	1		NSP	
R8401	C-CARBON R	RN72K1J-220JE	1		NSP	
R8402	C-R NET	RM7LJ220X04	1	43484722004R2		
R8403	C-CARBON R	RN72K1J-220JE	1		NSP	
R8404	C-CARBON R	RN72K1J-220JE	1		NSP	
R8405	C-CARBON R	RN72K1J-220JE	1		NSP	
R8408	C-CARBON R	RN72K1J-220JE	1		NSP	
R8409	C-CARBON R	RN72K1J-101JE	1		NSP	

R8410	C-CARBON R	RN72K1J-000JE	1		NSP	
R8411	C-CARBON R	RN72K1J-472JE	1		NSP	
R8412	C-CARBON R	RN72K1J-562JE	1		NSP	
R8413	C-CARBON R	RN72K1J-000JE	1		NSP	
R8416	C-R NET	RM7LJ220X04	1	43484722004R2		
R8417	C-R NET	RM7LJ220X04	1	43484722004R2		
R8418	C-R NET	RM7LJ220X04	1	43484722004R2		
R8419	C-R NET	RM7LJ220X04	1	43484722004R2		
R8420	C-R NET	RM7LJ220X04	1	43484722004R2		
R8421	C-R NET	RM7LJ220X04	1	43484722004R2		
R8422	C-R NET	RM7LJ220X04	1	43484722004R2		
R8423	C-R NET	RM7LJ220X04	1	43484722004R2		
R8424	C-R NET	RM7LJ220X04	1	43484722004R2		
R8425	C-CARBON R	RN72K1J-220JE	1		NSP	
R8426	C-R NET	RM7LJ220X04	1	43484722004R2		
R8427	C-CARBON R	RN72K1J-100JE	1		NSP	
R8428	C-CARBON R	RN72K1J-100JE	1		NSP	
R8429	C-CARBON R	RN72K1J-101JE	1		NSP	
R8430	C-CARBON R	RN72K1J-101JE	1		NSP	
R8431	C-CARBON R	RN72K1J-101JE	1		NSP	
R8432	C-CARBON R	RN72K1J-101JE	1		NSP	
R8433	C-CARBON R	RN72K1J-100JE	1		NSP	
R8434	C-CARBON R	RN72K1J-103JE	1		NSP	
R8435	C-CARBON R	RN72K1J-823JE	1		NSP	
R8436	C-CARBON R	RN72K1J-330JE	1		NSP	
R8442	C-CARBON R	RN72K1J-000JE	1		NSP	
R8501	C-CARBON R	RN72K1J-330JE	1		NSP	
R8502	C-CARBON R	RN72K1J-330JE	1		NSP	
R8503	C-CARBON R	RN72K1J-330JE	1		NSP	
R8504	C-R NET	RM7LJ330X04	1	43484733004R2		
R8505	C-R NET	RM7LJ330X04	1	43484733004R2		
R8506	C-CARBON R	RN72K1J-120JE	1		NSP	
R8507	C-R NET	RM7LJ330X04	1	43484733004R2		
R8508	C-R NET	RM7LJ330X04	1	43484733004R2		
R8509	C-R NET	RM7LJ330X04	1	43484733004R2		
R8510	C-R NET	RM7LJ330X04	1	43484733004R2		
R8511	C-R NET	RM7LJ330X04	1	43484733004R2		
R8512	C-R NET	RM7LJ330X04	1	43484733004R2		
R8513	C-R NET	RM7LJ330X04	1	43484733004R2		
R8516	C-CARBON R	RN72K1J-101JE	1		NSP	
R8517	C-CARBON R	RN72K1J-101JE	1		NSP	
R8518	C-CARBON R	RN72K1J-472JE	1		NSP	
R8519	C-CARBON R	RN72K1J-151JE	1		NSP	

R8520	C-CARBON R	RN72K1J-330JE	1		NSP	
R8521	C-CARBON R	RN72K1J-330JE	1		NSP	
R8522	C-R NET	RM7LJ330X04	1	43484733004R2		
R8523	C-CARBON R	RN72K1J-330JE	1		NSP	
R8524	C-CARBON R	RN72K1J-330JE	1		NSP	
R8525	C-CARBON R	RN72K1J-472JE	1		NSP	
R8526	C-CARBON R	RN72K1J-472JE	1		NSP	
R8527	C-CARBON R	RN72K1J-562JE	1		NSP	
R8528	C-CARBON R	RN72K1J-562JE	1		NSP	
R8530	C-CARBON R	RN72K1J-105JE	1		NSP	
R8531	C-CARBON R	RN72K1J-000JE	1		NSP	
R8532	C-CARBON R	RN72K1J-000JE	1		NSP	
R8533	C-CARBON R	RN72K1J-000JE	1		NSP	
R8534	C-CARBON R	RN72K1J-330JE	1		NSP	
R8595	C-CARBON R	RN72K1J-101JE	1		NSP	
R8607	C-CARBON R	RN72K1J-473JE	1		NSP	
R8608	C-CARBON R	RN72K1J-473JE	1		NSP	
R8609	C-CARBON R	RN72K1J-000JE	1		NSP	
R8610	C-CARBON R	RN72K1J-000JE	1		NSP	
R8617	C-CARBON R	RN72K1J-473JE	1		NSP	
R8618	C-CARBON R	RN72K1J-473JE	1		NSP	
R8619	C-CARBON R	RN72K1J-000JE	1		NSP	
R8620	C-CARBON R	RN72K1J-000JE	1		NSP	
R8627	C-CARBON R	RN72K1J-473JE	1		NSP	
R8628	C-CARBON R	RN72K1J-473JE	1		NSP	
R8629	C-CARBON R	RN72K1J-000JE	1		NSP	
R8630	C-CARBON R	RN72K1J-000JE	1		NSP	
R8637	C-CARBON R	RN72K1J-473JE	1		NSP	
R8638	C-CARBON R	RN72K1J-473JE	1		NSP	
R8639	C-CARBON R	RN72K1J-000JE	1		NSP	
R8640	C-CARBON R	RN72K1J-000JE	1		NSP	
R8701	C-CARBON R	RN72K1J-103JE	1		NSP	
R8702	C-CARBON R	RN72K1J-103JE	1		NSP	
R8703	C-CARBON R	RN72K1J-103JE	1		NSP	
R8704	C-CARBON R	RN72K1J-103JE	1		NSP	
R8705	C-CARBON R	RN72K1J-220JE	1		NSP	
R8706	C-CARBON R	RN72K1J-220JE	1		NSP	
R8707	C-CARBON R	RN72K1J-220JE	1		NSP	
R8708	C-CARBON R	RN72K1J-103JE	1		NSP	
R8709	C-CARBON R	RN72K1J-103JE	1		NSP	
R8710	C-CARBON R	RN72K1J-103JE	1		NSP	
R8711	C-CARBON R	RN72K1J-222JE	1		NSP	
R8712	C-R NET	RM7LJ222X04	1	43484722204R2		

R8713	C-R NET	RM7LJ222X04	1	43484722204R2		
R8714	C-R NET	RM7LJ222X04	1	43484722204R2		
R8715	C-R NET	RM7LJ103X04	1	43484710304R2		
R8716	C-CARBON R	RN72K1J-103JE	1		NSP	
R8717	C-CARBON R	RN72K1J-103JE	1		NSP	
R8718	C-CARBON R	RN72K1J-220JE	1		NSP	
R8719	C-CARBON R	RN72K1J-103JE	1		NSP	
R8720	C-CARBON R	RN72K1J-220JE	1		NSP	
R8721	C-CARBON R	RN72K1J-220JE	1		NSP	
R8722	C-CARBON R	RN72K1J-103JE	1		NSP	
R8723	C-CARBON R	RN72K1J-103JE	1		NSP	
R8724	C-R NET	RM7LJ103X04	1	43484710304R2		
R8725	C-CARBON R	RN72K1J-103JE	1		NSP	
R8726	C-CARBON R	RN72K1J-103JE	1		NSP	
R8727	C-CARBON R	RN72K1J-103JE	1		NSP	
R8728	C-CARBON R	RN72K1J-103JE	1		NSP	
R8729	C-CARBON R	RN72K1J-103JE	1		NSP	
R8730	C-CARBON R	RN72K1J-222JE	1		NSP	
R8731	C-CARBON R	RN72K1J-222JE	1		NSP	
R8732	C-R NET	RM7LJ103X04	1	43484710304R2		
R8733	C-CARBON R	RN72K1J-103JE	1		NSP	
R8734	C-CARBON R	RN72K1J-103JE	1		NSP	
R8735	C-CARBON R	RN72K1J-103JE	1		NSP	
R8736	C-CARBON R	RN72K1J-103JE	1		NSP	
R8738	C-CARBON R	RN72K1J-103JE	1		NSP	
R8739	C-CARBON R	RN72K1J-103JE	1		NSP	
R8740	C-CARBON R	RN72K1J-103JE	1		NSP	
R8741	C-CARBON R	RN72K1J-103JE	1		NSP	
R8742	C-CARBON R	RN72K1J-000JE	1		NSP	
R8743	C-CARBON R	RN72K1J-103JE	1		NSP	
R8744	C-CARBON R	RN72K1J-103JE	1		NSP	
R8745	C-CARBON R	RN72K1J-103JE	1		NSP	
R8746	C-CARBON R	RN72K1J-103JE	1		NSP	
R8747	C-CARBON R	RN72K1J-103JE	1		NSP	
R8749	C-CARBON R	RN72K1J-220JE	1		NSP	
R8750	C-CARBON R	RN72K1J-000JE	1		NSP	
R8751	C-CARBON R	RN72K1J-000JE	1		NSP	
R8752	C-CARBON R	RN72K1J-000JE	1		NSP	
R8753	C-CARBON R	RN72K1J-103JE	1		NSP	
R8754	C-CARBON R	RN72K1J-103JE	1		NSP	
R8755	C-CARBON R	RN72K1J-101JE	1		NSP	
R8756	C-CARBON R	RN72K1J-101JE	1		NSP	
R8757	C-CARBON R	RN72K1J-103JE	1		NSP	

R8758	C-CARBON R	RN72K1J-103JE	1		NSP	
R8802	C-CARBON R	RN72K1J-100JE	1		NSP	
R8803	C-CARBON R	RN72K1J-000JE	1		NSP	
R8804	C-CARBON R	RN72K1J-103JE	1		NSP	
R8805	C-CARBON R	RN72K1J-000JE	1		NSP	
R8806	C-R NET	RM7LJ220X04	1	43484722004R2		
R8807	C-R NET	RM7LJ220X04	1	43484722004R2		
R8808	C-R NET	RM7LJ220X04	1	43484722004R2		
R8809	C-R NET	RM7LJ220X04	1	43484722004R2		
R8810	C-R NET	RM7LJ220X04	1	43484722004R2		
R8811	C-R NET	RM7LJ220X04	1	43484722004R2		
R8812	C-CARBON R	RN72K1J-000JE	1		NSP	
R8813	C-CARBON R	RN72K1J-220JE	1		NSP	
R8814	C-CARBON R	RN72K1J-220JE	1		NSP	
R8815	C-CARBON R	RN72K1J-220JE	1		NSP	
R8816	C-R NET	RM7LJ220X04	1	43484722004R2		
R8817	C-R NET	RM7LJ220X04	1	43484722004R2		
R8818	C-R NET	RM7LJ220X04	1	43484722004R2		
R8819	C-R NET	RM7LJ220X04	1	43484722004R2		
R8820	C-R NET	RM7LJ220X04	1	43484722004R2		
R8821	C-R NET	RM7LJ220X04	1	43484722004R2		
R8822	C-R NET	RM7LJ220X04	1	43484722004R2		
R8823	C-R NET	RM7LJ220X04	1	43484722004R2		
R8901	C-CARBON R	RN72K1J-103JE	1		NSP	
R8902	C-CARBON R	RN72K1J-393JE	1		NSP	
R8903	C-CARBON R	RN72K1J-103JE	1		NSP	
R8904	C-CARBON R	RN72K1J-103JE	1		NSP	
R8905	C-CARBON R	RN72K1J-000JE	1		NSP	
R8906	C-CARBON R	RN72K1J-272JE	1		NSP	
R8907	C-CARBON R	RN72K1J-223JE	1		NSP	
R8908	C-CARBON R	RN72K1J-103JE	1		NSP	
R8909	C-CARBON R	RN72K1J-334JE	1		NSP	
R8910	C-CARBON R	RN72K1J-103JE	1		NSP	
R8911	C-CARBON R	RN72K1J-682JE	1		NSP	
R8912	C-CARBON R	RN72K1J-104JE	1		NSP	
R8913	C-CARBON R	RN72K2E-330JE	1		NSP	
R8914	C-CARBON R	RN72K1J-103JE	1		NSP	
R8915	C-CARBON R	RN72K1J-102JE	1		NSP	
R8916	C-CARBON R	RN72K1J-102JE	1		NSP	
R8917	C-CARBON R	RN72K1J-472JE	1		NSP	
R8918	C-CARBON R	RN72K1J-683JE	1		NSP	
R8919	C-CARBON R	RN72K1J-103JE	1		NSP	
R8920	C-CARBON R	RN72K2E-330JE	1		NSP	

R8924	C-CARBON R	RN72K1J-103JE	1		NSP	
R8951	C-CARBON R	RN72K1J-102JE	1		NSP	
R8952	C-CARBON R	RN72K1J-104JE	1		NSP	
R8953	C-CARBON R	RN72K1J-562JE	1		NSP	
R8954	C-CARBON R	RN72K1J-273FE	1		NSP	
R8956	C-CARBON R	RN72K1J-103FE	1		NSP	
R8961	C-CARBON R	RN72K1J-102JE	1		NSP	
R8962	C-CARBON R	RN72K1J-104JE	1		NSP	
R8963	C-CARBON R	RN72K1J-182JE	1		NSP	
R8964	C-CARBON R	RN72K1J-392FE	1		NSP	
R8965	C-CARBON R	RN72K1J-563FE	1		NSP	
R8966	C-CARBON R	RN72K1J-103FE	1		NSP	
[SW TRM]						
JL801B	WIRE TRAP	NPLG-5P588	1	25055626		
P2801B	SOCKET	NSCT-9P2139	1	25052242		
P8001B	SOCKET	IMSA-9111S-16L	1	25053258		
P8002B	SOCKET	IMSA-9111S-24L	1	25053259		
P8011	SOCKET	IMSA-9618S-04A	1	25053329R2		
P8302	SOCKET	HDMI(47266-4101)	1	25053389R3		
P8302 or	SOCKET	YKF45-7037V	(1)	25053253R3		
P8601	SOCKET	HDMI(47266-4101)	1	25053389R3		
P8601 or	SOCKET	YKF45-7037V	(1)	25053253R3		
P8611	SOCKET	HDMI(47266-4101)	1	25053389R3		
P8611 or	SOCKET	YKF45-7037V	(1)	25053253R3		
P8621	SOCKET	HDMI(47266-4101)	1	25053389R3		
P8621 or	SOCKET	YKF45-7037V	(1)	25053253R3		
P8631	SOCKET	HDMI(47266-4101)	1	25053389R3		
P8631 or	SOCKET	YKF45-7037V	(1)	25053253R3		
P8702	SOCKET	NSCT-9P2472	1	25052575R2		

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