

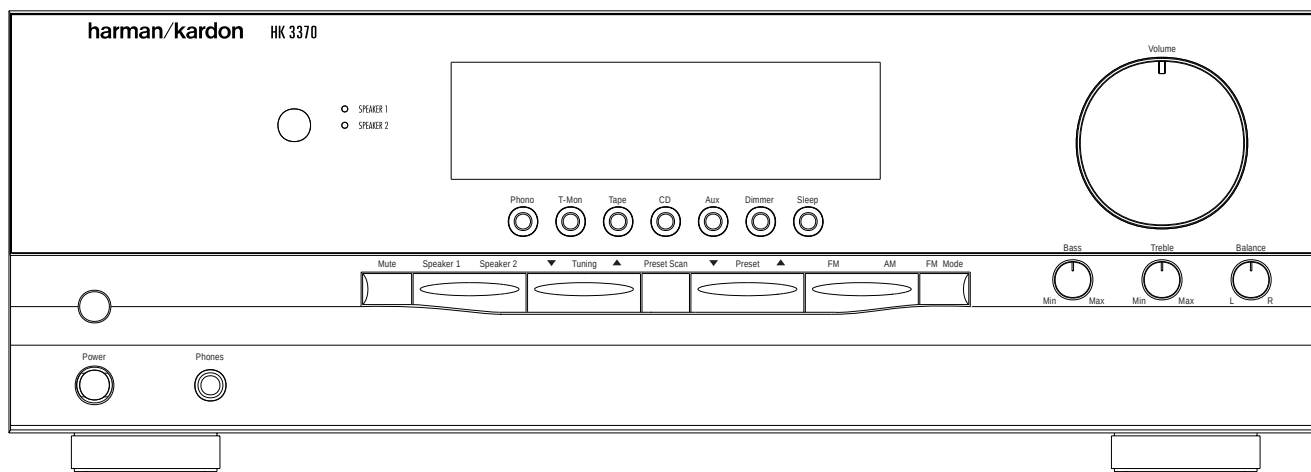
The Harman Kardon

Model HK 3370 / HK 3470

Manual A

STEREO RECEIVER

Technical Manual



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harman/kardon

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1. Technical Specification

FRONT AMP SECTION

	Nominal	Limit
Continuous Power Output (STEREO MODE), Input: CD	≥70W	≥65W
THD: 0.08%, 8ohms		
Both Channel Driven (20Hz - 20KHz) (STEREO MODE)	≥95W	≥90W
THD: 0.2%, 4ohms, Input: CD		
Both Channel Driven (20Hz - 20KHz)		
THD at 65W, 8ohms, Input: CD		
20Hz	≤0.05%	≤0.08%
1KHz	≤0.05%	≤0.08%
20KHz	≤0.05%	≤0.08%
IM Distortion at 50W, 8ohms,		
	≤0.05%	≤0.08%
Input Sensitivity for Rated Power Output (70W)		
Tape Monitor/CD/AUX/TAPE2	200mV	150-250mV
Phono	2.5mV	2.2-2.8mV
S/N Ratio Input Shorted at 1KHz 70W Output (WTD IHF-A)		
CD	≥100dB	≥95dB
Tone Control		
Bass: 100Hz	+10dB	+10±2dB
	-10dB	-10±2dB
Treble:	+10dB	+10±2dB
	-10dB	-10±2dB
Frequency Response at -3dB		
Mode: Stereo, Ref: 1KHz, 10Hz-120KHz 15Hz-100KHz		
Channel Crosstalk Input Shorted by 1Kohms		
100Hz	≥70dB	≥60dB
1KHz	≥70dB	≥60dB
10KHz	≥50dB	≥42dB

FM SECTION

	Nominal	Limit
Tuning Cover Range: 100KHz Step	87.50 - 108.00MHz	
Mono Usable Sensitivity (75ohms Input,98MHz)	≤12.2dbf	≤17.3dbf
Image Rejection (at 98MHz)	≥40dB	≥35W
IF Rejection (at 98MHz)	≥80dB	≥70W
50dB Quieting SEnsitivity (at 98MHz, 100% MOD.)		
IHF Band Pass Filter		
Stereo	≤41.2dbf	≤47.3dbf
Distortion (1KHz, 100% MOD. at 98MHz, 65dbf Input)		
IHF Band Pass Filter		
Mono	≤0.3%	≤0.5%
S/N Ratio (500 Input, 100% MOD. at 98MHz)		
IHF Band Pass Filter		
Stereo	≥65dB	≥60dB
Frequency Response (-3dB)		
De-Emphases: 75µs	20Hz - 15KHz	40Hz - 14KHz
AM suppression at 98MHz		
	≥52dB	≥47dB
Muting threshold (at 98MHz)	35.2dbf	31.2 - 39.2dbf
Overload Distortion at 98MHz	0.3%	1%
Capture Ratio at 65dbf	≤1.5dB	≤2.5dB
Stereo Separation (at 98MHz, 100% MOD.,500 µV Input)		
IHF Band Pass Filter	≥40dB	≥30dB
1KHz		
Tape out Level (at 98MHz)	50mV	350 - 650mV

GENERAL

Power Consumption	
At Rated Power All Channel Driven	436W
Idling at Minimum Volume Control	72W
Power Supplies	AC 120V, 60Hz
Dimensions (W×H×D)	
inches	17.4×6.1×16.3
mm	442×156×415
Weight (lbs/kgs)	24.6/11.2

AM SECTION

	Nominal	Limit
Tuning Cover Range: 10KHz Step	520 - 1710MHz	
Usable Sensitivity		
999/990KHz	≤500µV/ m	≤1000µV/ m
Image Rejection (at 999KHz)	≥35dB	≥30dB
AGC Figure of Merit (From 100mV/m at 999/1000KHz)	≥55dB	≥50dB
Distortion (999/1000Hz, 30% MOD. 50mV/m Input)	≤1.0%	≤1.5%
Frequency Response (999/1000KHz) at -6dB	80Hz - 2.3KHz	100Hz - 2KHz
Selectivity (at 999/1000Hz)		
9KHz / 10KHz	≥25dB	≥20dB
S/N Ratio (999/k1000KHz, WithAntenna Input 50mV/m)	≥40dB	≥35dB
Overload Distortion at 98MHz	≥1%	≥1.5%
Tape out Level at 999/1000KH (5mV/m Input)		

FRONT AMP SECTION

	Nominal	Limit
Continuous Power Output (STEREO MODE), Input: CD	≥100W	≥85W
THD: 0.08%, 8ohms		
Both Channel Driven (20Hz - 20KHz)		
(STEREO MODE)	≥130W	≥120W
THD: 0.2%, 4ohms, Input: CD		
Both Channel Driven (20Hz - 20KHz)		
THD at 65W, 8ohms, Input: CD		
20Hz	≤0.05%	≤0.08%
1KHz	≤0.05%	≤0.08%
20KHz	≤0.05%	≤0.08%
IM Distortion at 75W, 8ohms,		
	≤0.05%	≤0.08%
Input Sensitivity for Rated Power Output (100W)		
Tape Monitor/CD/AUX/TAPE2	200mV	150-250mV
Phono	2.5mV	2.2-2.8mV
S/N Ratio Input Shorted at 1KHz 100W Output (WTD IHF-A)		
CD	≥100dB	≥95dB
Tone Control		
Bass: 100Hz	+10dB	+10±2dB
	-10dB	-10±2dB
Treble:	+10dB	+10±2dB
	-10dB	-10±2dB
Frequency Response at -3dB		
Mode: Stereo, Ref: 1KHz, 10Hz-120KHz 15Hz-100KHz		
Channel Crosstalk Input Shorted by 1Kohms		
100Hz	≥70dB	≥60dB
1KHz	≥70dB	≥60dB
10KHz	≥50dB	≥42dB

FM SECTION

	Nominal	Limit
Tuning Cover Range: 100KHz Step	87.50 - 108.00MHz	
Mono Usable Sensitivity (75ohms Input,98MHz)		
	≤12.2dbf	≤17.3dbf
Image Rejection (at 98MHz)	≥40dB	≥35W
IF Rejection (at 98MHz)	≥80dB	≥70W
50dB Quieting SEnsitivity (at 98MHz, 100% MOD.)		
IHF Band Pass Filter		
Stereo	≤41.2dbf	≤47.3dbf
Distortion (1KHz, 100% MOD. at 98MHz, 65dbf Input)		
IHF Band Pass Filter		
Mono	≤0.3%	≤0.5%
S/N Ratio (500 Input, 100% MOD. at 98MHz)		
IHF Band Pass Filter		
Stereo	≥65dB	≥60dB
Frequency Response (-3dB)		
De-Emphases: 75μs	20Hz - 15KHz	40Hz - 14KHz
AM suppression at 98MHz		
	≥52dB	≥47dB
Muting threshold (at 98MHz)	35.2dbf	31.2 - 39.2dbf
Overload Distortion at 98MHz	0.3%	1%
Capture Ratio at 65dbf	≤1.5dB	≤2.5dB
Stereo Separation (at 98MHz, 100% MOD.,500 μV Input)		
IHF Band Pass Filter	≥40dB	≥30dB
1KHz		
Tape out Level (at 98MHz)	50mV	350 - 650mV

GENERAL

Power Consumption	
At Rated Power All Channel Driven	575W
Idling at Minimum Volume Control	72W
Power Supplies	AC 120V, 60Hz
Dimensions (W×H×D)	
inches	17.4×6.1×16.3
mm	442×156×415
Weight (lbs/kgs)	24.6/11.2

AM SECTION

	Nominal	Limit
Tuning Cover Range: 10KHz Step	520 - 1710MHz	
Usable Sensitivity		
999/990KHz	≤500μV/ m	≤1000μV/ m
Image Rejection (at 999KHz)	≥35dB	≥30dB
AGC Figure of Merit (From 100mV/m at 999/1000KHz)		
	≥55dB	≥50dB
Distortion (999/1000Hz, 30% MOD. 50mV/m Input)		
	≤1.0%	≤1.5%
Frequency Response (999/1000KHz) at -6dB		
	80Hz - 2.3KHz	100Hz - 2KHz
Selectivity (at 999/1000Hz)		
9KHz / 10KHz	≥25dB	≥20dB
S/N Ratio (999/k1000KHz, WithAntenna Input 50mV/m)		
	≥40dB	≥35dB
Overload Distortion at 98MHz		
	≥1%	≥1.5%
Tape out Level at 999/1000KH (5mV/m Input)		

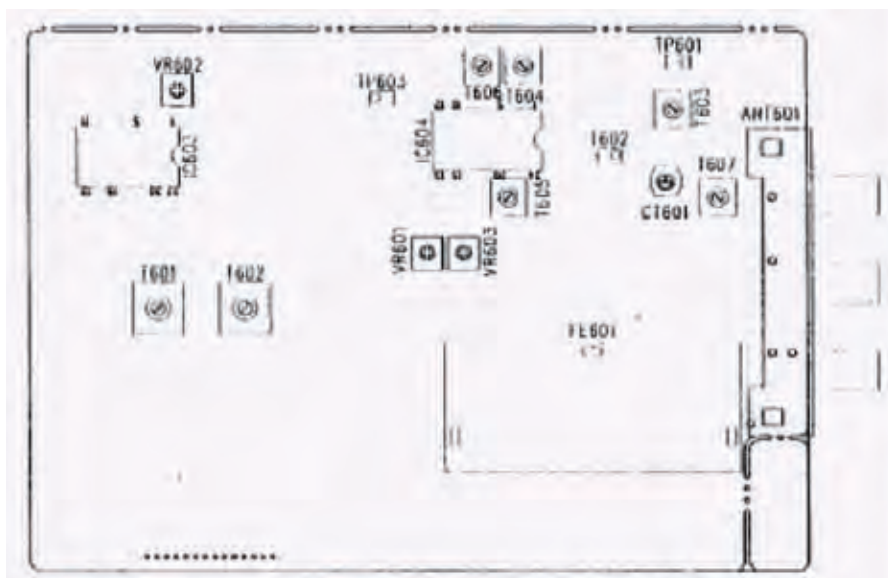
2. Alignment Procedures

1. Test Equipment Required.

- AM Standard Signal Generator (AM SSG)
- Oscilloscope
- AC Voltmeter
- FM Standard Signal Generator (FM SSG)
- Stereo Modulator
- Audio Generator
- Distortion Meter
- DC Voltmeter
- Frequency Counter

Note: Disconnect external FM antenna prior to alignment

2. Alignment and Test Points

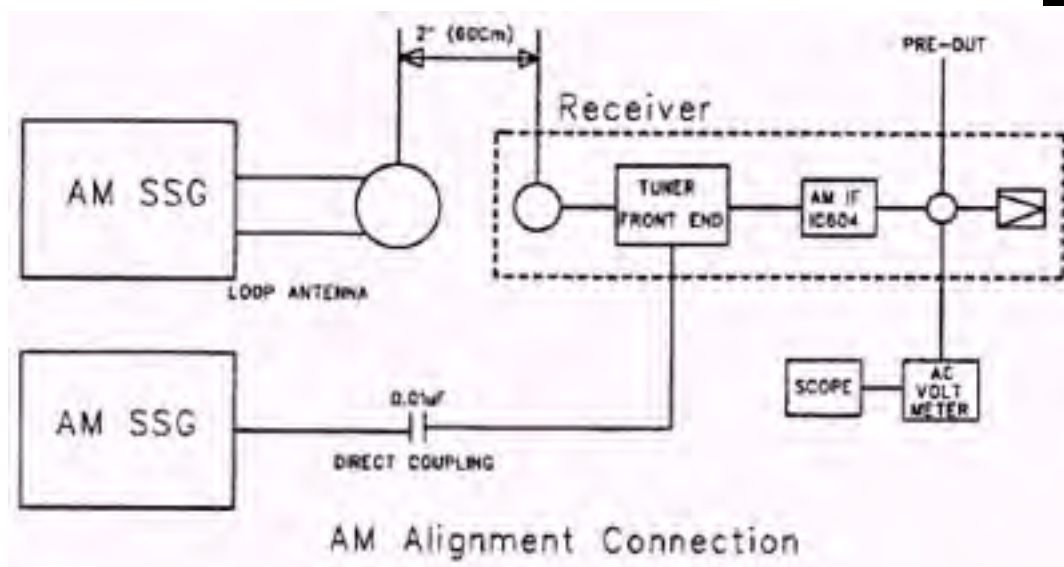


3. AM IF and RF Alingment

Preparation

1. Output of signal Generator should not be higher than necessary to obtain an optimum output reading.
2. Signal Generator Modulation: 30%
3. Switch: Press to AM.

Step	Signal Generator Frequency	Receiver Frequency on the Display	Equipment Connection	Adjustment Point	Adjust for
1	990KHz (400Hz,Mod.)	520KHz	DC Voltmeter TP601	T603	1.2V reading Maximum
2	600KHz (400Hz,Mod.)	600KHz	AC Voltmeter to TAPE OUT jack	T607	reading Maximum
3	1400KHz (400Hz,Mod.)	400KHz	AC Voltmeter to TAPE OUT jack	CT601	reading Maximum
4	990KHz (400Hz,Mod.)	990KHz	AC Voltmeter to TAPE OUT jack	T605	reading FL display "TUNED"
5	990KHz (400Hz,Mod.)	990KHz	same as Step 1	VR603	Indicator on receiver with AM SSG Output level of 800 μ V/m

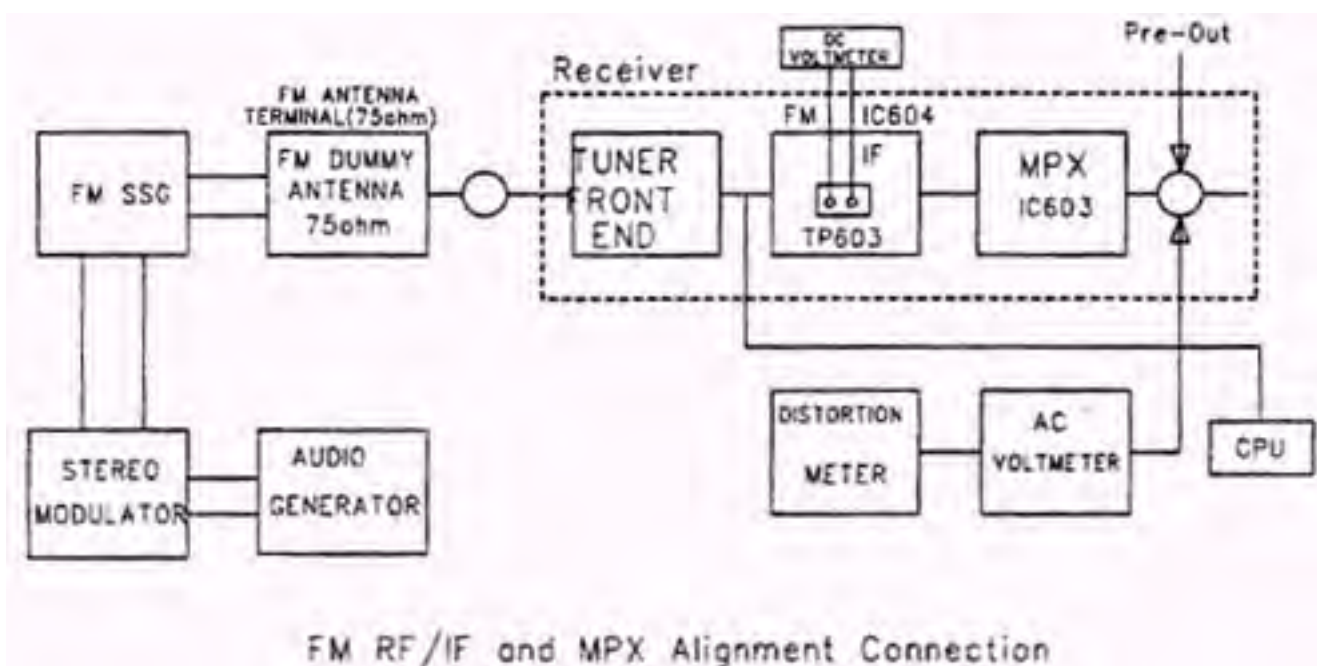


4. FM IF Alignment

Preparation

1. Signal Generator output should be no higher than necessary to obtain an optimum output reading.
2. Switch Press to FM
3. Signal Generator Deviation: 75KHz (HK 3370), 40KHz (HK 3470)

Step	Signal Generator Frequency	Receiver Frequency on the Display	Equipment Connection	Adjustment Point	Adjust for
1	98.0 MHz (1KHz, Mod.)	98.0 MHz	DC Voltmeter to TP602	T606	Zero reading on DC Voltmeter
2	98.0 MHz (1KHz, Mod.)	98.0 MHz	Distortion meter to TAPE OUT jack	T604	Minimum distortion
3	98.0 MHz (1KHz, Mod.)	98.0 MHz	Same as Step 1	VR601	FL display "TUNED" Indicator on receiver with FM SSG Output level of 35.2dbf



5. MPX Alignment, SM Alignment

Preparation

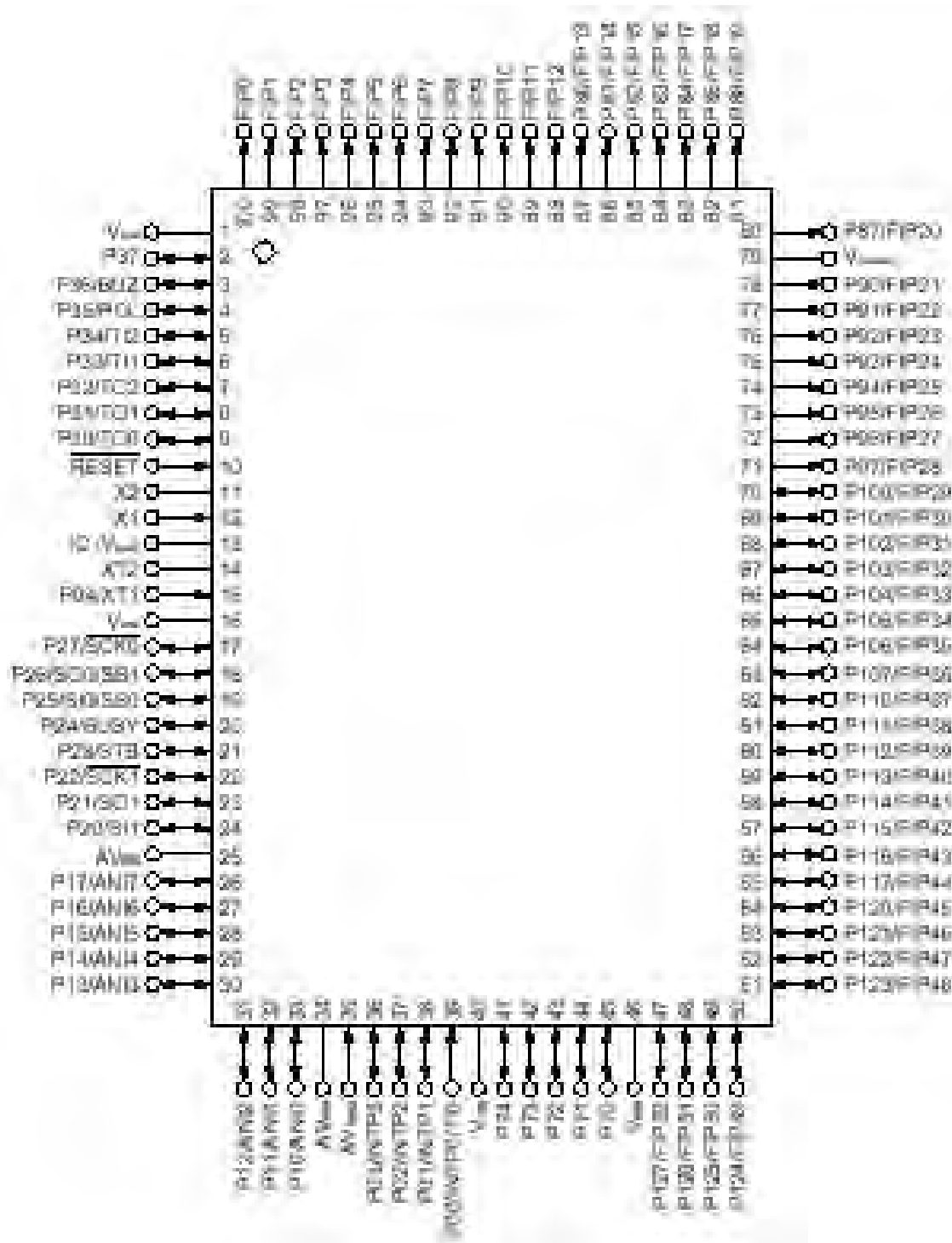
1. Switch: Press to FM
2. Tuner for 98MHz on band.
3. Signal Generator output level: 1000 μ V
4. Deviation: 75KHz (HK 3370), 40KHz (HK 3470) at 100% modulation to composite signal.
5. Connect Signal Generator to FM antenna terminal through FM dummy antenna (75 Ω).

Step	19KHz Modulation Level	Signal Generator Frequency Setting	Equipment Connection	Adjustment Point	Adjust for
1	7.5KHz, Mod.	Composite to channel 1KHz R	AC Voltmeter to TAPE OUT jack of R channel		Adjust for about 450mV of audio output
2	7.5KHz, Mod.	Composite to channel 1KHz L	AC Voltmeter to TAPE OUT jack of R channel	VR602	AC Voltmeter reading should be at least 40dB below.
3	7.5KHz, Mod.	Composite to channel 1KHz R	AC Voltmeter to TAPE OUT jack of L channel	VR602	Same as Step 2
If you could not obtain -40dB reading in Steps 2 and 3 (compared with Step 1), read just VR603 until you obtain -40dB readings for both steps 2 and 3. Normal is -45dB.					

3. Circuit Description

CPU(IC401) :uPD780204GF

1. Pin Configuration



2. Pin Description

uPD780204GF QFP Type

Pin No.	Pin Name	I/O	ACTIVE	PORT NAME	REMARK
1	Vdd	-	H	+5V	System power supply
2	P37	I	H	KR4	Key read 4
3	P36	I	H	KR3	Key read 3
4	P35	I	H	KR2	Key read 2
5	P34	I	H	KR1	Key read 1
6	P33	-	-	-	Not used
7	P32	-	-	-	Not used
8	P31	O	H/L	PWR_LED(RED)	L:AMBER L:GREEN H:RED
9	P30	O	H/L	PWR_LED(GRN)	L:STBY H:OPER L:PROT
10	RESET	I	L	System reset	Low reset
11	X2	-	-	OSC	Main system osc.
12	X1	I	-	OSC	-
13	Vpp	-	-	Connected to Vss	
14	XT2	-	-	-	Not used
15	P04/XT1	I	H/L	OPT_RDS	Rds on/off
16	Vdd	-	H	+5V	System power supply
17	P27	-	-		Not used
18	P26	-	-		Not used
19	P25	I	L	PWR_DOWN	Detect power off
20	P24	O	H	PWR_RLY	Power Relay on/off
21	P23	O	H	VR_UP	Volume up
22	P22	O	H	VR_DOWN	Volume Down
23	P21	I	L	PROTECT	Detect protection
24	P20	O	H	PWR_MUTE	Power Mute
25	AVss	-	L	GND	Analog ground
26	P17	O	H	PRE_MUTE	Pre mute
27	P16	O	H	TUNER_MUTE	Tuner mute
28	P15	I	H/L	IF_IN	IF conter in
29	P15	O	H	PLL CE	
30	P13	O	H	PLL CLOCK	
31	P12	O	H/L	PLL DATA	
32	P11	I	L	TUNED	Tuned in on : L
33	P10	I	L	STEREO	Stereo in on : L
34	Avdd	-	H	+5V	Analog power supply
35	Avref	-	L	GND	
36	P03	-	-		Not used
37	INTP2	I	L	RDS CLK	Rds clock in
38	P01	I	H	RDS DATA	Rds data in
39	P00	I	L	REMOCON IN	Remocon data in
40	Vss	-	L	GND	Ground
41	P74	O	H/L	78211 CLK	
42	P73	O	H/L	78211 CE	
43	P72	-	-		Not used
44	P71	-	-		Not used
45	P70	-	-		Not used
46	Vdd	-	H	+5V	

Pin No.	Pin Name	I/O	ACTIVE	PORT NAME	REMARK
47	P127	-	-	78211 DATA	Not used
48	P127	-	-		Not used
49	P125	-	-		Not used
50	P124	O	H/L		
51	P123	-	-		Not used
52	P122	-	-		Not used
53	P121	-	-		Not used
54	P120	-	-		Not used
55	P117	O	H	VMAX	VMAx on/off
56	P116	O	H	SPK1_RLY	Speaker1 relay on/off
57	P115	O	H	SPK2_RLY	Speaker2 relay on/off
58	P114	O	H	SPK1_LED	Speaker1 led on/off
59	P113	O	H	SPK2_LED	Speaker2 led on/off
60	P112	O	H	SPK12_LED	Speaker1/2 led on/off
61	P111	-	-		
62	P110	-	-		
63	P107	O	H	VR_LED	Volume led on/off
64	P106	I	H/L	OPT_STEP	L:E.U. , H:USA
65	P105	I	H/L	OPT_3400/3700	L:3400, H:3370
66	FIP33	O	H	S18	FIP segment output
67	FIP32	O	H	S17	FIP segment output
68	FIP31	O	H	S16	FIP segment output
69	FIP30	O	H	S15	FIP segment output
70	FIP29	O	H	S14	FIP segment output
71	FIP28	O	H	S13	FIP segment output
72	FIP27	O	H	S12	FIP segment output
73	FIP26	O	H	S11	FIP segment output
74	FIP25	O	H	S10	FIP segment output
75	FIP24	O	H	S9	FIP segment output
76	FIP23	O	H	S8	FIP segment output
77	FIP22	O	H	S7	FIP segment output
78	FIP21	O	H	S6	FIP segment output
79	Vload	-	-	Vload	FIP DRIVER VOLTAGE
80	FIP20	O	H	S5	FIP segment output
81	FIP19	O	H	S4	FIP segment output
82	FIP18	O	H	S3	FIP segment output
83	FIP17	O	H	S2	FIP segment output
84	FIP16	O	H	S1	FIP segment output
85	FIP15	O	H	G16	FIP grid output
86	FIP14	O	H	G15	FIP grid output
87	FIP13	O	H	G14	FIP grid output
88	FIP12	O	H	G13	FIP grid output
89	FIP11	O	H	G12	FIP grid output
90	FIP10	O	H	G11	FIP grid output
91	FIP9	O	H	G10	FIP grid output
92	FIP8	O	H	G9	FIP grid output
93	FIP7	O	H	G8	FIP grid output
94	FIP6	O	H	G7	FIP grid output
95	FIP5	O	H	G6	FIP grid output

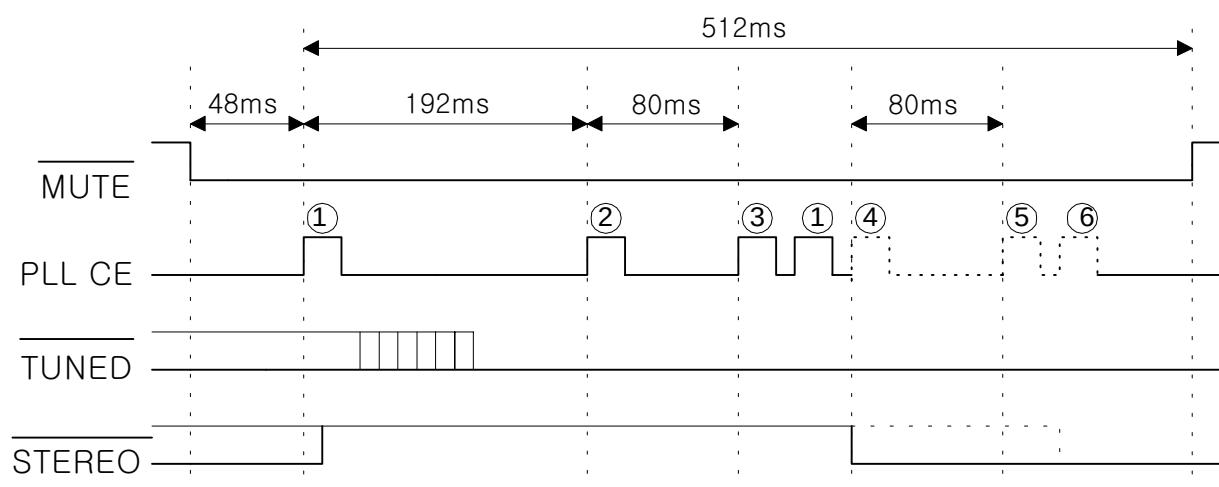
Pin No.	Pin Name	I/O	ACTIVE	PORT NAME	REMARK
96	FIP4	O	H	G5	FIP grid output
97	FIP3	O	H	G4	FIP grid output
98	FIP3	O	H	G3	FIP grid output
99	FIP1	O	H	G2	FIP grid output
100	FIP0	O	H	G1	FIP grid output

3. Timing Chart (IF Count)

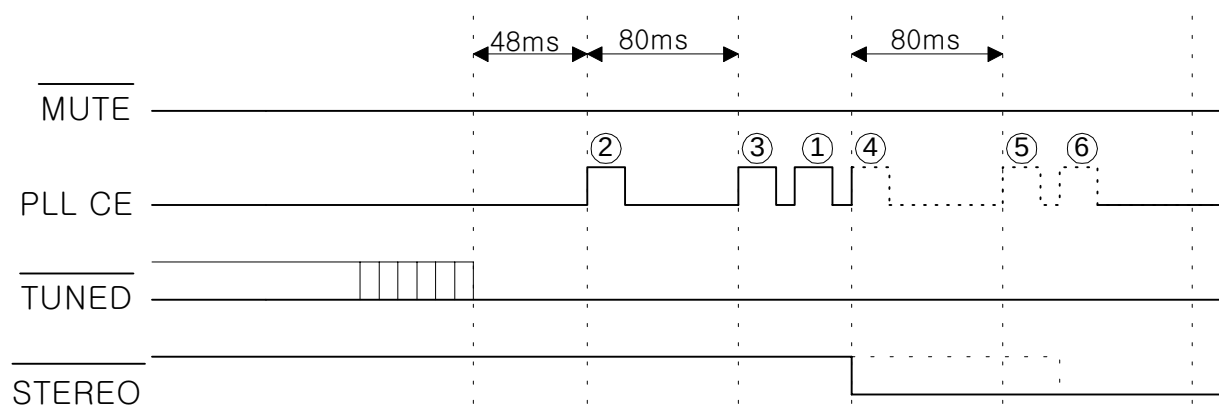
- ① PLL MODE 1
- ② PLL MODE 2
- ③ PLL MODE 3
- ④ PLL MODE 2
- ⑤ PLL MODE 3
- ⑥ PLL MODE 1

A dotted line (.....) : In case that IF COUNT is not proper, follow PLL MODE of ④ ⑤ ⑥

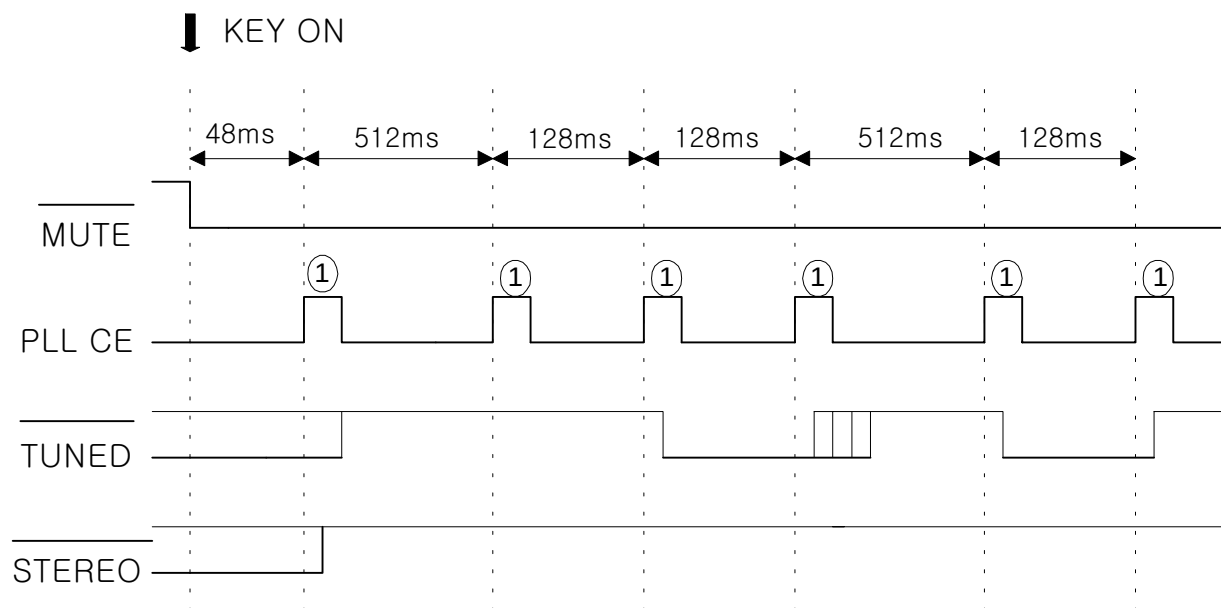
When changing BAND, selecting the PRESET STATION using TEN KEY and selecting the PRESET STATION using PRESET CHANNEL UP/DOWN



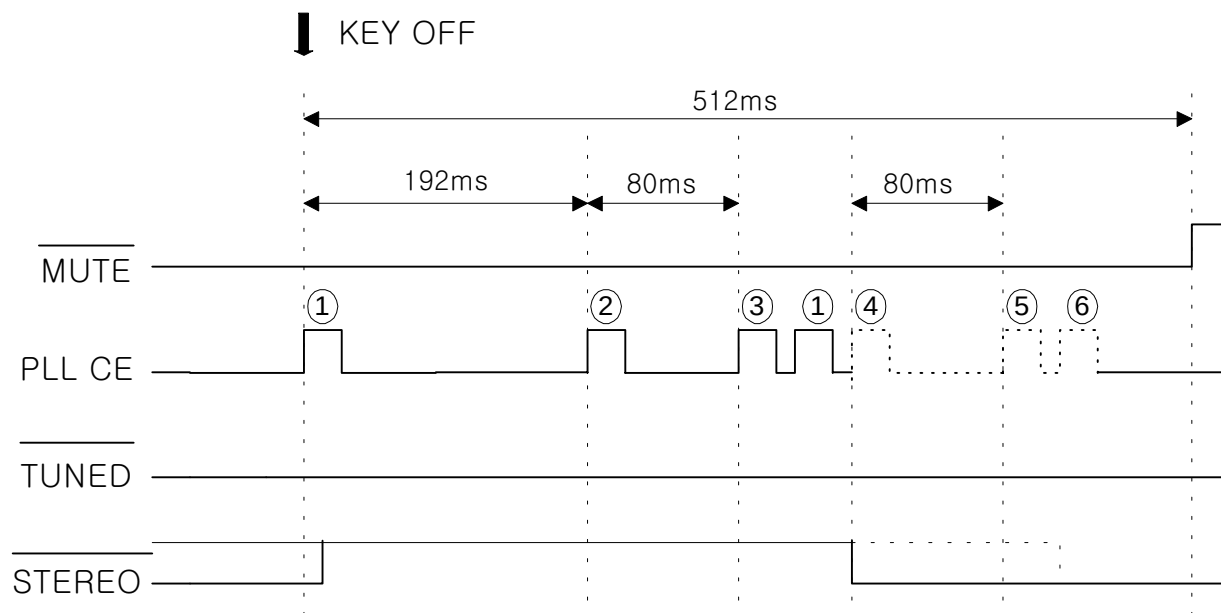
When IF COUNT is not proper in case that the frequency is not tuned



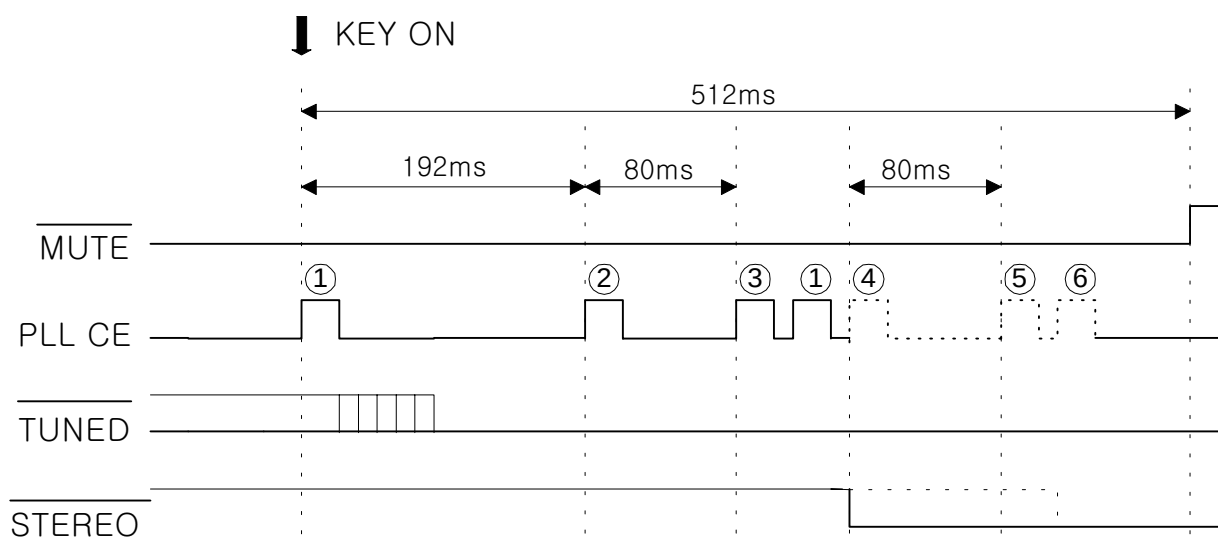
MANUAL TUNING UP/DOWN



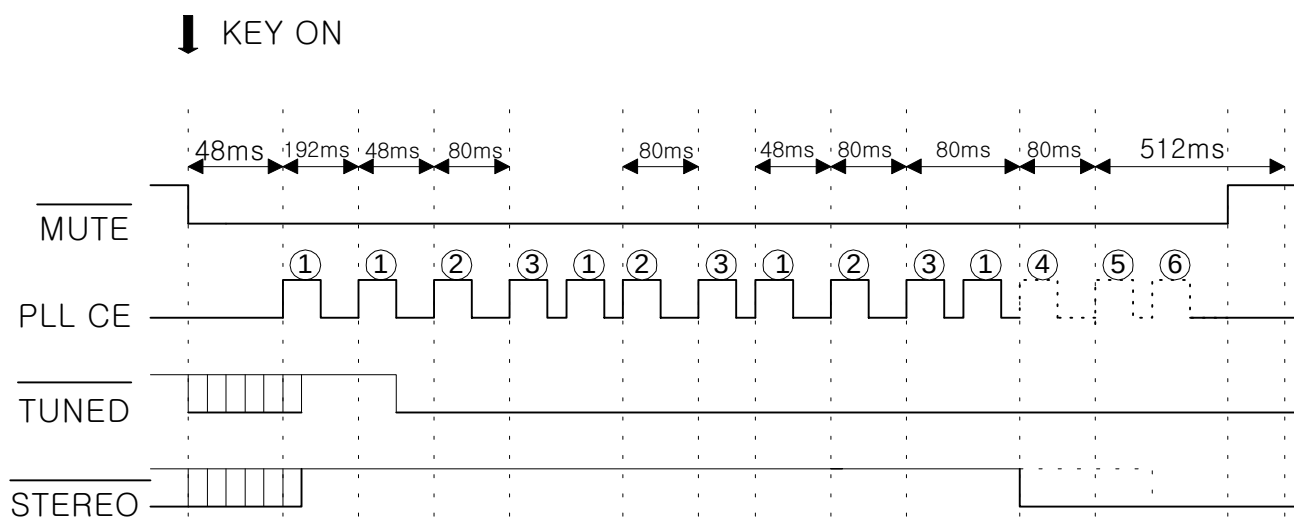
MANUAL TUNING UP/DOWN KEY OFF



- POWER ON



- AUTO TUNING UP/DOWN

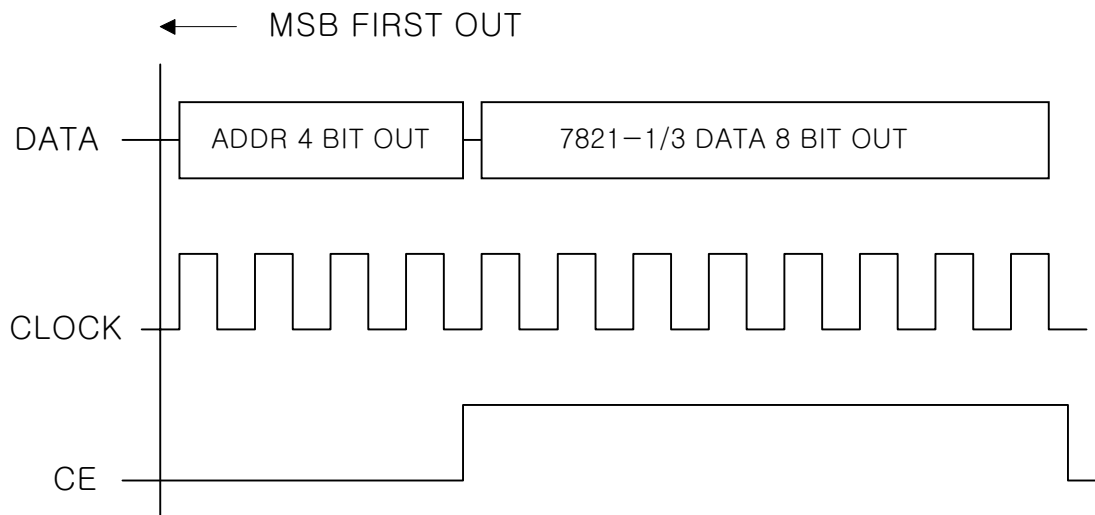


TUNED = HIGH
IFCNT =NG

TUNED = LOW
IFCNT =OK

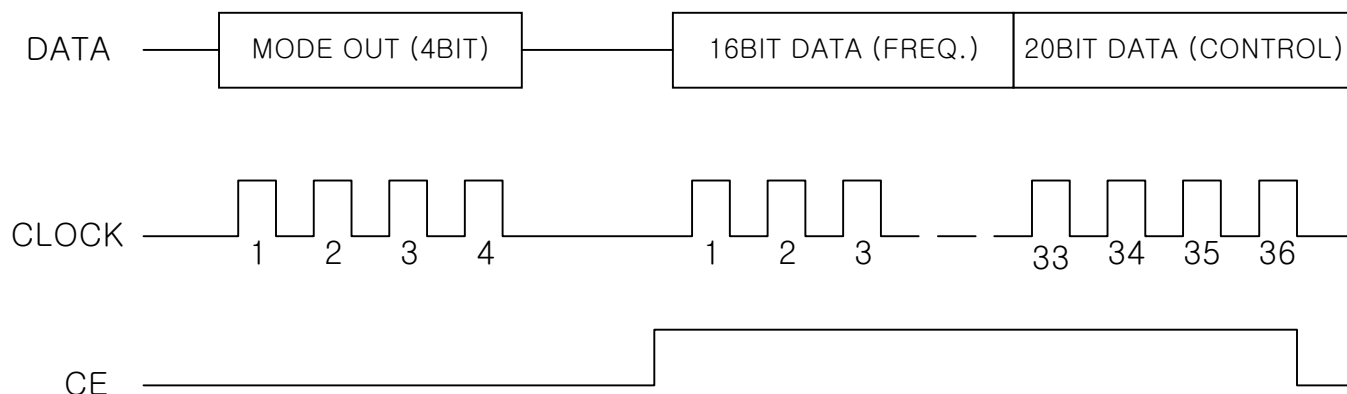
4. Pheriperal IC Operation

1) FUNCTION IC. : LC7821-1/3

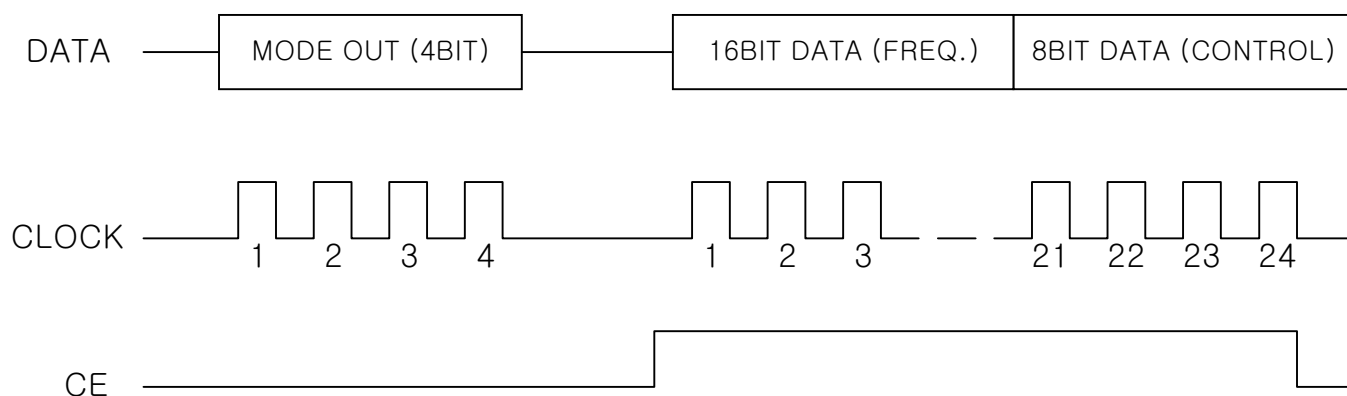


2) PLL IC. (LC7218)

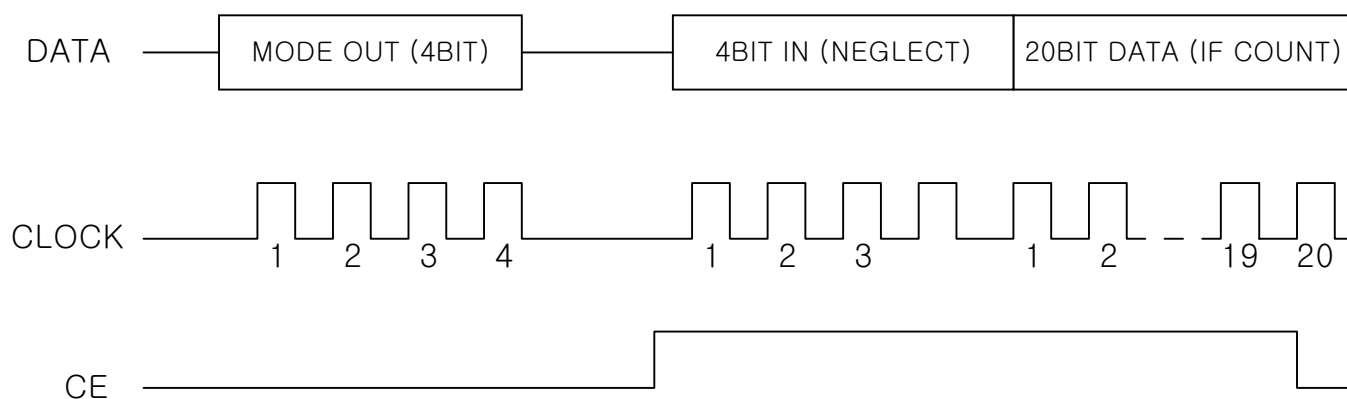
1) MODE 1 : FREQUENCY OUT/ TUNED CHECK



2) MODE 2 : FREQUENCY OUT/ OUTPUT CONTROL



3) MODE 3 : IF COUNT READ



5. DISASSEMBLY PROCEDURES

<1> CHASSIS-TOP(44) REMOVAL.

Remove 9 screws(A,K) and then remove the Chassis-top(44).

<2> FRONT PANEL ASS'Y(AA) REMOVAL.

1. Remove the Chassis-top(44), referring to the previous step <1>.
2. Disconnect the connector(CN 301, Card-cable) on the Front P. C. Board(d) from connector(CN 115) on the Main P. C. Board (i).
3. Disconnect the lead wire(CW 302, 5P) on the Front P. C. Board(d) from connector(CN 702) on the Volume P. C. Board (b).
4. Disconnect the connector(CN 801, 2P) on the Standby P. C. Board(g) from connector(CN 102) on the Main P. C. Board (i).
5. Remove 1 screw(l) of Chassis-panel(37) and then lead wire(H 801, 1P) on the Phones P. C. Board(e).
6. Disconnect the lead wire(CW 301, 7p) on the Front P. C. Board(d) from connector(CN 113) on the Main P. C. Board(i).
7. Disconnect the lead wire(CW 801, 3P) on the Phones P. C. Board(e) from connector(CN 401) on the Amp P. C. Board(h).
8. Remove 1 screw(l) of Chassis-panel(37) and then lead wire(H 501, 1P) on the Tone P. C. Board (c).
9. Disconnect the lead wire(CW 701, 10P) on the Volume P. C. Board(b) from connector (CN 109) on the Main P. C. Board(i).
10. Remove 9 screws(H, I) and then remove the Front Panel ASS'Y(AA).

<3> FRONT P. C. BOARD(d) REMOVAL.

1. Remove the Chassis-top(44), referring to the previous step<1>.
2. Remove the Front-panel ASS'Y(AA), referring to the previous step<2>.
3. Disconnect the lead wire(CW 302, 5P) from connector(CN 702) on the Volume P. C. Board(b).
4. Disconnect the connector(CN 302) from lead wire(CW 801,5P) on the Power P.C.Board (f).
5. Remove 15 screws(J) and then remove the Front P.C.Board(d).

<4> VOLUME P.C.BOARD(b) REMOVAL.

1. Remove the Chassis-top(44), referring to the previous step<1>.
2. Remove the Front-panel ASS'Y(AA), referring to the previous step<2>.
3. Disconnect the connector(CN 702) from lead wire(CW 302, 5P) on the Front P. C. Board(d).
4. Disconnect the connector(CN 703) from lead wire(CW 802, 2P) on the Volume2 P. C. Board(a).
5. Disconnect the connector(CN 701) from lead wire(CW 501, 10P) on the Tone P. C. Board(c).
6. Disconnect the lead wire(CW 701,10P) from connector(CN 109) on the Main P. C. Board(i).
7. Full out the Volume Knob(1).
8. Remove 1 hexagon nut(3), 1 washer(4) and then remove the Volume P. C. Board(b).

<5> VOLUME2 P. C. BOARD(a) ASS'Y(AD) REMOVAL.

1. Remove the Chassis-top(44), referring to the previous step<1>.
2. Remove the Front-panel ASS'Y(AA), referring to the previous step<2>.
3. Disconnect the lead wire(CW 802, 2P) from connector(CN 703) on the Volume P.C.Board(b).
4. Full out the Volume Knob(1).

<6> VOLUME2 P. C. BOARD(a) REMOVAL.

1. Remove the Chassis-top(44), referring to the previous step<1>.
2. Remove the Front-panel ASS'Y(AA), referring to the previous step<2>.
3. Remove the Volume P. C. Board(b) ASS'Y(AD), referring to the previous step<5>.
4. Full out the Volume2 P. C. Board(a).

<7> TONE P. C. BOARD(c) REMOVAL.

1. Remove the Chassis-top(44), referring to the previous step<1>.
2. Remove the Front-panel ASS'Y(AA), referring to the previous step<2>.
3. Disconnect the lead wire(CW 501, 10P) from connector(CN 701) on the Volume P. C. Board(b).
4. Pull out the Balance-knob(5).
5. Remove 4 screws(J) and then remove the Tone P. C. Board ASS'Y(AC).
6. Remove 4 hexagon nut(3) and then remove the Shield-balance(12).

<8> PHONES P. C. BOARD(e) REMOVAL.

1. Remove the Chassis-top(44), referring to the previous step<1>.
2. Remove the Front-panel ASS'Y(AA), referring to the previous step<2>.
3. Disconnect the lead wire(CW 801, 3P) from connector(CN 401) on the Amp P. C. Board(h).
4. Remove 2 screws(E) and then remove the Phones P. C. Board(e).

<9> POWER P. C. BOARD(f) REMOVAL.

1. Remove the Chassis-top(44), referring to the previous step<1>.
2. Remove the Front-panel ASS'Y(AA), referring to the previous step<2>.
3. Disconnect the lead wire(CW 801, 5P) from connector(CN 302) on the Front P. C. Board(d).
4. Remove 2 screws(J) and then remove the Power P. C. Board(f).

<10> STANDBY P. C. BOARD(g) REMOVAL.

1. Remove the Chassis-top(44), referring to the previous step<1>.
2. Remove the Front-panel ASS'Y(AA), referring to the previous step<2>.
3. Remove 2 screws(J) and then remove the Standby P. C. Board(g).

<11> TUNER P. C. BOARD(j) REMOVAL.

1. Remove the Chassis-top(44), referring to the previous step<1>.
2. Remove 21 screws(G,K) and then remove the Chassis-back(41).
3. Pull out the Tuner P. C. Board(j).

<12> RADIATOR ASS'Y(AB) REMOVAL.

1. Remove the Chassis-top(44), referring to the previous step<1>.
2. Disconnect the connector(CN 401) from lead wire(CW 801, 3P) on the Phones P. C. Board(e).
3. Disconnect the lead wire(CW 403, 4P) from connector(CN 111, CN 112) on the Main P. C. Board(i).
4. Disconnect the lead wire(CW 402, 10P) from connector(CN 107) on the Main P. C. Board(i).
5. Disconnect the lead wire(CW 401, 4P) from connector(CN 108) on the Main P. C. Board(i).
6. Remove 7 screws(I) and then pull out the Radiator Ass'Y(AB).

<13> AMP P. C. BOARD(h) REMOVAL.

1. Remove the Chassis-top(44), referring th the previous step<1>.
2. Remove the Radiator Ass'Y(AB), referring to the Previous step<12>.
3. Disconnect the connector(CN 402) from lead wire(posistor, 2P) on the Radiator-main (21).
4. Remove 4 screws(D) and then remove the Amp P. C. Board(h).

<14> POWER TRANS(38) REMOVAL.

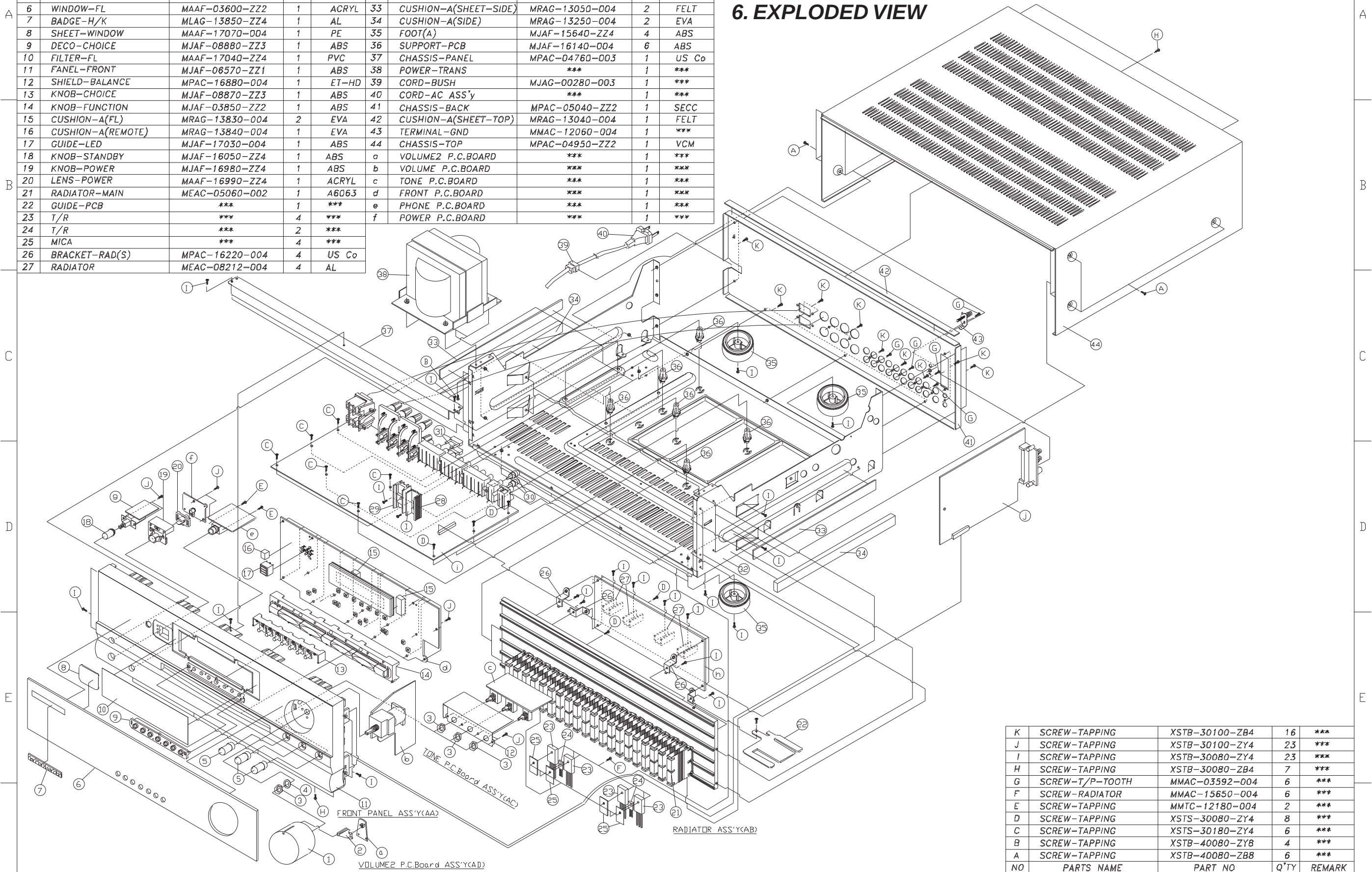
1. Remove the Chassis-top(44), referring to the previous step<1>.
2. Disconnect the lead wire(2P) from connector(CN 103) on the Main P. C. Board(i).
3. Disconnect the lead wire(3P) from connector(CN 104) on the Main P. C. Board(i).
4. Disconnect the lead wire(6P) from connector(CN 105) on the Main P. C. Board(i).
5. Disconnect the lead wire(3P) from connector(CN 106) on the Main P. C. Board(i).
6. Remove 4 screws(B) and then remove the Power trans(38).

<15> MAIN P. C. BOARD(i) REMOVAL.

1. Remove the Chassis-top(44), referring to the previous step<1>.
2. Remove the Tuner P. C. Board(j), referring to the previous step<11>.
3. Disconnect the connector(CN 109) from lead wire(CW 701, 10P) on the Volume P. C. Board(b).
4. Disconnect the connector(CN 108) from lead wire(CW 401, 4P) on the Amp P. C. Board(h).
5. Disconnect the connector(CN 115) from connector(CN 301, card cable) on the Front P. C. Board(d).
6. Disconnect the connector(CN 107) from lead wire(CW 402, 10P) on the Amp P. C. Board(h).
7. Disconnect the connector(CN 106) from lead wire(3P) on the Power-trans(38).
8. Disconnect the connector(CN 105) from lead wire(6P) on the Power-trans(38).
9. Disconnect the connector(CN 113) from lead wire(CW 301, 7P) on the Front P. C. Board(d).
10. Disconnect the connector(CN 104) from lead wire(3P) on the Power-trans(38).
11. Disconnect the connector(CN 111, CN 112) from lead wire(CW 403, 4P) on the Amp P. C. Board(h).
12. Disconnect the connector(CN 102) from lead wire(CN 801, 2P) on the Standby P. C. Board(g).
13. Disconnect the connector(CN 103) from lead wire(2P) on the Power-trans(38).
14. Disconnect the connector(CN 101) from Ac cord(40).

1					2					3					4					5					6					7					8				
NO	PARTS NAME	PART NO	Q'TY	REMARK	NO	PARTS NAME	PART NO	Q'TY	REMARK	NO	PARTS NAME	PART NO	Q'TY	REMARK	NO	PARTS NAME	PART NO	Q'TY	REMARK	NO	PARTS NAME	PART NO	Q'TY	REMARK	NO	PARTS NAME	PART NO	Q'TY	REMARK	NO	PARTS NAME	PART NO	Q'TY	REMARK	NO	PARTS NAME	PART NO	Q'TY	REMARK
1	KNOB-VOLUME	MJAF-16100-ZZ4	1	ABS	28	RADIATOR-TR	MEAC-08215-004	1	AL	g	STANDBY P.C.BOARD	***	1	***	9	STANDBY P.C.BOARD	***	1	***	h	AMP P.C.BOARD	***	1	***	10	FILTER-FL	MAAF-17040-ZZ4	1	PVC	37	CHASSIS-PANEL	MPAC-04760-003	1	US Co	i	MAIN P.C.BOARD	***	1	***
2	LENS-VOLUME	MAAF-16130-ZZ3	1	ACRYL	29	HEAT-SINK(TR)	MEAC-12693-004	1	AL	31	JACK-CONNECT	MMAC-17070-004	2	***	j	TUNER P.C.BOARD	***	1	***	32	CHASSIS-BOTTOM	MPAC-04812-002	1	US Co	11	FANEL-FRONT	MJAF-06570-ZZ1	1	ABS	38	POWER-TRANS	***	1	***	33	CUSHION-A(SHEET-SIDE)	MRAG-13050-004	2	FELT
3	NUT	***	4	***	30	PLUG-RCA	PLRC-00020-S30	2	***	32	CHASSIS-BOTTOM	MPAC-04812-002	1	US Co	34	CUSHION-A(SIDE)	MRAG-13250-004	2	EVA	33	CUSHION-A(SHEET-SIDE)	MRAG-13050-004	2	FELT	12	SHIELD-BALANCE	MPAC-16880-004	1	ET-HD	39	CORD-BUSH	MJAG-00280-003	1	***	34	CUSHION-A(SIDE)	MRAG-13250-004	2	EVA
4	WASHER	***	1	***	31	JACK-CONNECT	MMAC-17070-004	2	***	35	FOOT(A)	MJAF-15640-ZZ4	4	ABS	36	SUPPORT-PCB	MJAF-16140-004	6	ABS	35	FOOT(A)	MJAF-15640-ZZ4	4	ABS	13	KNOB-CHOICE	MJAF-08870-ZZ3	1	ABS	40	CORD-AC ASS'y	***	1	***	36	SUPPORT-PCB	MJAF-16140-004	6	ABS
5	KNOB-BALANCE	MJAF-16070-ZZ4	3	ABS	32	CHASSIS-BOTTOM	MPAC-04812-002	1	US Co	36	SUPPORT-PCB	MJAF-16140-004	6	ABS	37	CHASSIS-PANEL	MPAC-04760-003	1	US Co	36	SUPPORT-PCB	MJAF-16140-004	6	ABS	14	KNOB-FUNCTION	MJAF-03850-ZZ2	1	ABS	41	CHASSIS-BACK	MPAC-05040-ZZ2	1	SECC	37	CHASSIS-PANEL	MPAC-04760-003	1	US Co
6	WINDOW-FL	MAAF-03600-ZZ2	1	ACRYL	33	CUSHION-A(SHEET-SIDE)	MRAG-13050-004	2	FELT	38	POWER-TRANS	***	1	***	38	POWER-TRANS	***	1	***	37	CHASSIS-PANEL	MPAC-04760-003	1	US Co	15	CUSHION-A(FL)	MRAG-13830-004	2	EVA	42	CUSHION-A(SHEET-TOP)	MRAG-13040-004	1	FELT	38	POWER-TRANS	***	1	***
7	BADGE-H/K	MLAG-13850-ZZ4	1	AL	34	CUSHION-A(SIDE)	MRAG-13250-004	2	EVA	39	CORD-BUSH	MJAG-00280-003	1	***	39	CORD-BUSH	MJAG-00280-003	1	***	38	POWER-TRANS	***	1	***	16	SHEET-WINDOW	MAAF-17070-004	1	PE	43	TERMINAL-GND	MMAC-12060-004	1	***	39	CORD-BUSH	MJAG-00280-003	1	***
8	SHEET-WINDOW	MAAF-17070-004	1	PE	35	FOOT(A)	MJAF-15640-ZZ4	4	ABS	40	CORD-AC ASS'y	***	1	***	40	CORD-AC ASS'y	***	1	***	39	CORD-BUSH	MJAG-00280-003	1	***	17	GUIDE-LED	MJAF-17030-004	1	ABS	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM	40	CORD-AC ASS'y	***	1	***
9	DECO-CHOICE	MJAF-08880-ZZ3	1	ABS	36	SUPPORT-PCB	MJAF-16140-004	6	ABS	41	CHASSIS-BACK	MPAC-05040-ZZ2	1	SECC	41	CHASSIS-BACK	MPAC-05040-ZZ2	1	SECC	40	CORD-AC ASS'y	***	1	***	18	KNOB-STANDBY	MJAF-16050-ZZ4	1	ABS	a	VOLUME2 P.C.BOARD	***	1	***	41	CHASSIS-BACK	MPAC-05040-ZZ2	1	SECC
10	FILTER-FL	MAAF-17040-ZZ4	1	PVC	37	CHASSIS-PANEL	MPAC-04760-003	1	US Co	42	CUSHION-A(SHEET-TOP)	MRAG-13040-004	1	FELT	42	CUSHION-A(SHEET-TOP)	MRAG-13040-004	1	FELT	a	VOLUME2 P.C.BOARD	***	1	***	19	KNOB-POWER	MJAF-16980-ZZ4	1	ABS	b	VOLUME P.C.BOARD	***	1	***	42	CUSHION-A(SHEET-TOP)	MRAG-13040-004	1	FELT
11	FANEL-FRONT	MJAF-06570-ZZ1	1	ABS	38	POWER-TRANS	***	1	***	43	TERMINAL-GND	MMAC-12060-004	1	***	43	TERMINAL-GND	MMAC-12060-004	1	***	b	VOLUME P.C.BOARD	***	1	***	20	LENS-POWER	MAAF-16990-ZZ4	1	ACRYL	c	PHONE P.C.BOARD	***	1	***	43	TERMINAL-GND	MMAC-12060-004	1	***
12	SHIELD-BALANCE	MPAC-16880-004	1	ET-HD	39	CORD-BUSH	MJAG-00280-003	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM	c	PHONE P.C.BOARD	***	1	***	21	RADIATOR-MAIN	MEAC-05060-002	1	A6063	d	FRONT P.C.BOARD	***	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM
13	KNOB-CHOICE	MJAF-08870-ZZ3	1	ABS	40	CORD-AC ASS'y	***	1	***	a	VOLUME2 P.C.BOARD	***	1	***	a	VOLUME2 P.C.BOARD	***	1	***	d	FRONT P.C.BOARD	***	1	***	22	GUIDE-PCB	***	1	***	e	PHONE P.C.BOARD	***	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM
14	KNOB-FUNCTION	MJAF-03850-ZZ2	1	ABS	41	CHASSIS-BACK	MPAC-05040-ZZ2	1	SECC	b	VOLUME P.C.BOARD	***	1	***	b	VOLUME P.C.BOARD	***	1	***	e	PHONE P.C.BOARD	***	1	***	23	T/R	***	4	***	f	POWER P.C.BOARD	***	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM
15	CUSHION-A(FL)	MRAG-13830-004	2	EVA	42	CUSHION-A(SHEET-TOP)	MRAG-13040-004	1	FELT	c	PHONE P.C.BOARD	***	1	***	c	PHONE P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	24	T/R	***	2	***	f	POWER P.C.BOARD	***	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM
16	CUSHION-A(REMOTE)	MRAG-13840-004	1	EVA	43	TERMINAL-GND	MMAC-12060-004	1	***	d	FRONT P.C.BOARD	***	1	***	d	FRONT P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	25	MICA	***	4	***	f	POWER P.C.BOARD	***	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM
17	GUIDE-LED	MJAF-17030-004	1	ABS	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM	e	PHONE P.C.BOARD	***	1	***	e	PHONE P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	26	BRACKET-RAD(S)	MPAC-16220-004	4	US Co	f	POWER P.C.BOARD	***	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM
18	KNOB-STANDBY	MJAF-16050-ZZ4	1	ABS	a	VOLUME2 P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	27	RADIATOR	MEAC-08212-004	4	AL	f	POWER P.C.BOARD	***	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM
19	KNOB-POWER	MJAF-16980-ZZ4	1	ABS	b	VOLUME P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	27	RADIATOR	MEAC-08212-004	4	AL	f	POWER P.C.BOARD	***	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM
20	LENS-POWER	MAAF-16990-ZZ4	1	ACRYL	c	PHONE P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	27	RADIATOR	MEAC-08212-004	4	AL	f	POWER P.C.BOARD	***	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM
21	RADIATOR-MAIN	MEAC-05060-002	1	A6063	d	FRONT P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	27	RADIATOR	MEAC-08212-004	4	AL	f	POWER P.C.BOARD	***	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM
22	GUIDE-PCB	***	1	***	e	PHONE P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	27	RADIATOR	MEAC-08212-004	4	AL	f	POWER P.C.BOARD	***	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM
23	T/R	***	4	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	27	RADIATOR	MEAC-08212-004	4	AL	f	POWER P.C.BOARD	***	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM
24	T/R	***	2	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	27	RADIATOR	MEAC-08212-004	4	AL	f	POWER P.C.BOARD	***	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM
25	MICA	***	4	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	27	RADIATOR	MEAC-08212-004	4	AL	f	POWER P.C.BOARD	***	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM
26	BRACKET-RAD(S)	MPAC-16220-004	4	US Co	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	27	RADIATOR	MEAC-08212-004	4	AL	f	POWER P.C.BOARD	***	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM
27	RADIATOR	MEAC-08212-004	4	AL	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	f	POWER P.C.BOARD	***	1	***	27	RADIATOR	MEAC-08212-004	4	AL	f	POWER P.C.BOARD	***	1	***	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM

6. EXPLODED VIEW



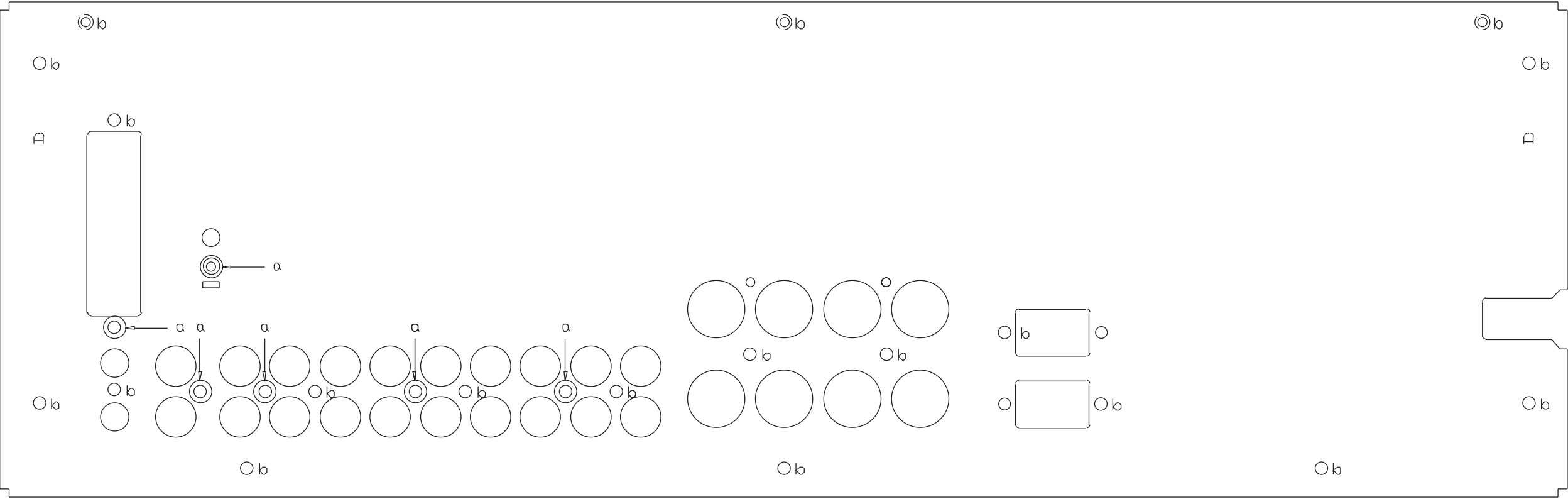
K	SCREW-TAPPING	XSTB-30100-ZB4	16	***
J	SCREW-TAPPING	XSTB-30100-ZY4	23	***
I	SCREW-TAPPING	XSTB-30080-ZY4	23	***
H	SCREW-TAPPING	XSTB-30080-ZB4	7	***
G	SCREW-T/P-TOOTH	MMAC-03592-004	6	***
F	SCREW-RADIATOR	MMAC-15650-004	6	***
E	SCREW-TAPPING	MMTC-12180-004	2	***
D	SCREW-TAPPING	XSTS-30080-ZY4	8	***
C	SCREW-TAPPING	XSTS-30180-ZY4	6	***
B	SCREW-TAPPING	XSTB-40080-ZY8	4	***
A	SCREW-TAPPING	XSTB-40080-ZB8	6	***
NO	PARTS NAME	PART NO	Q'TY	REMARK

1					2					3					4					5					6					7					8				
NO	PARTS NAME	PART NO	Q'TY	REMARK	NO	PARTS NAME	PART NO	Q'TY	REMARK	NO	PARTS NAME	PART NO	Q'TY	REMARK	NO	PARTS NAME	PART NO	Q'TY	REMARK	NO	PARTS NAME	PART NO	Q'TY	REMARK	NO	PARTS NAME	PART NO	Q'TY	REMARK										
1	KNOB-VOLUME	MJAF-16100-ZZ4	1	ABS	28	RADIATOR-TR	MEAC-08215-004	1	AL	g	STANDBY P.C.BOARD	***	1	***																									
2	LENS-VOLUME	MAAF-16130-ZZ3	1	ACRYL	29	HEAT-SINK(TR)	MEAC-12693-004	1	AL	h	AMP P.C.BOARD	***	1	***																									
3	NUT	***	4	***	30	PLUG-RCA	PLRC-00020-S30	2	***	i	MAIN P.C.BOARD	***	1	***																									
4	WASHER	***	1	***	31	JACK-CONNECT	MMAC-17070-004	2	***	j	TUNER P.C.BOARD	***	1	***																									
5	KNOB-BALANCE	MJAF-16070-ZZ4	3	ABS	32	CHASSIS-BOTTOM	MPAC-04812-002	1	US Co																														
6	WINDOW-FL	MAAF-03600-ZZ2	1	ACRYL	33	CUSHION-A(SHEET-SIDE)	MRAG-13050-004	2	FELT																														
7	BADGE-H/K	MLAG-13850-ZZ4	1	AL	34	CUSHION-A(SIDE)	MRAG-13250-004	2	EVA																														
8	SHEET-WINDOW	MAAF-17070-004	1	PE	35	FOOT(A)	MJAF-15640-ZZ4	4	ABS																														
9	DECO-CHOICE	MJAF-08880-ZZ3	1	ABS	36	SUPPORT-PCB	MJAF-16140-004	6	ABS																														
10	FILTER-FL	MAAF-17040-ZZ4	1	PVC	37	CHASSIS-PANEL	MPAC-04760-003	1	US Co																														
11	FANEL-FRONT	MJAF-06570-ZZ1	1	ABS	38	POWER-TRANS	***	1	***																														
12	SHIELD-BALANCE	MPAC-16880-004	1	ET-HD	39	CORD-BUSH	MJAG-00280-003	1	***																														
13	KNOB-CHOICE	MJAF-08870-ZZ3	1	ABS	40	CORD-AC ASS'y	***	1	***																														
14	KNOB-FUNCTION	MJAF-03850-ZZ2	1	ABS	41	CHASSIS-BACK	MPAC-05040-ZZ2	1	SECC																														
15	CUSHION-A(FL)	MRAG-13830-004	2	EVA	42	CUSHION-A(SHEET-TOP)	MRAG-13040-004	1	FELT																														
16	CUSHION-A(REMOTE)	MRAG-13840-004	1	EVA	43	TERMINAL-GND	MMAC-12060-004	1	***																														
17	GUIDE-LED	MJAF-17030-004	1	ABS	44	CHASSIS-TOP	MPAC-04950-ZZ2	1	VCM																														
18	KNOB-STANDBY	MJAF-16050-ZZ4	1	ABS	a	VOLUME2 P.C.BOARD	***	1	***																														
19	KNOB-POWER	MJAF-16980-ZZ4	1	ABS	b	VOLUME P.C.BOARD	***	1	***																														
20	LENS-POWER	MAAF-16990-ZZ4	1	ACRYL	c	TONE P.C.BOARD	***	1	***																														
21	RADIATOR-MAIN	MEAC-05060-002	1	A6063	d	FRONT P.C.BOARD	***	1	***																														
22	GUIDE-PCB	***	1	***	e	PHONE P.C.BOARD	***	1	***																														
23	T/R	***	4	***	f	POWER P.C.BOARD	***	1	***																														
24	T/R	***	2	***																																			
25	MICA	***	4	***																																			
26	BRACKET-RAD(S)	MPAC-16220-004	4	US Co																																			
27	RADIATOR	MEAC-08212-004	4	AL																																			

EXPLODED VIEW

K	SCREW-TAPPING	XSTB-30100-ZB4	16	***
J	SCREW-TAPPING	XSTB-30100-ZY4	23	***
I	SCREW-TAPPING	XSTB-30080-ZY4	23	***
H	SCREW-TAPPING	XSTB-30080-ZB4	7	***
G	SCREW-T/P-TOOTH	MMAC-03592-004	6	***
F	SCREW-RADIATOR	MMAC-15650-004	6	***
E	SCREW-TAPPING	MMTC-12180-004	2	***
D	SCREW-TAPPING	XSTS-30080-ZY4	8	***
C	SCREW-TAPPING	XSTS-30180-ZY4	6	***
B	SCREW-TAPPING	XSTB-40080-ZY8	4	***
A	SCREW-TAPPING	XSTB-40080-ZB8	6	***
NO	PARTS NAME	PART NO	Q'TY	REMARK

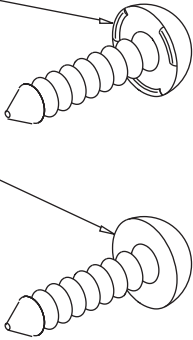
7. Principal Screw Location



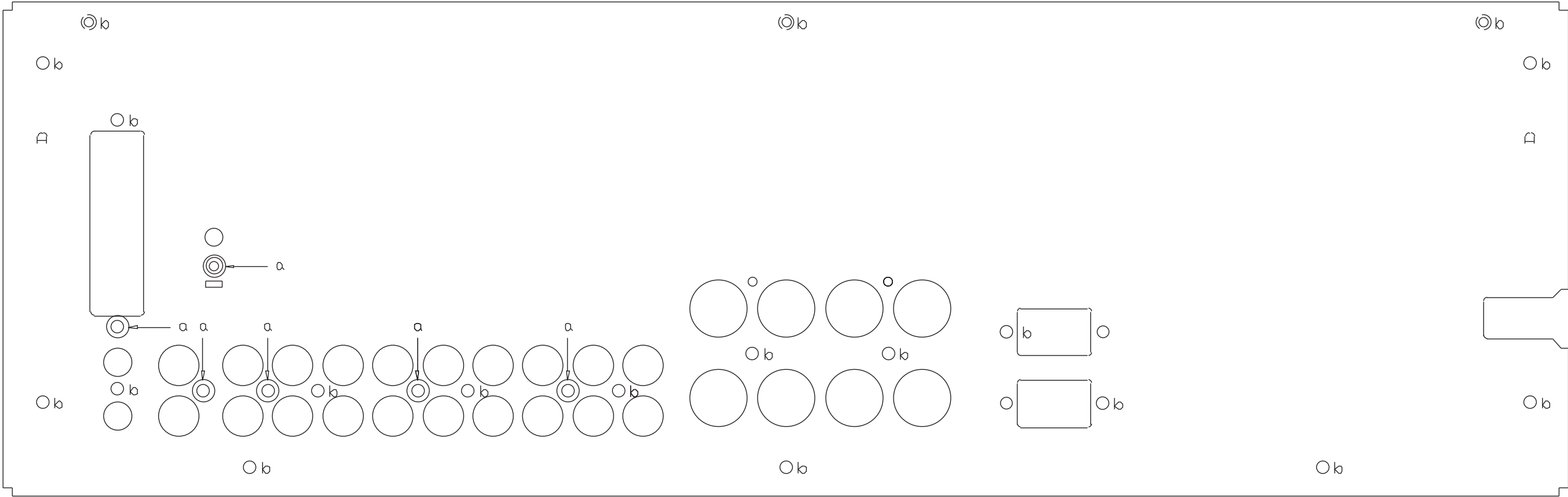
- * a POINT(6) : MMAC-16400-004 SCREW-T/P-TTOOTH(FOR GROUNDING)
- * b POINT(19) : XSTB-30100-ZB4 SCREW-TAPPING

MMAC-16400-004 SCREW-T/P-TTOOTH

XSTB-30100-ZB4 SCREW-TAPPING



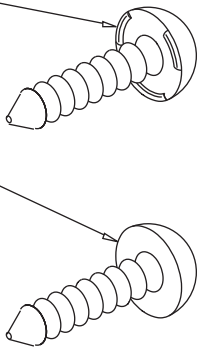
Principal Screw Location



- * a POINT(6) : MMAC-16400-004 SCREW-T/P-TOOTH(FOR GROUNDING)
- * b POINT(19) : XSTB-30100-ZB4 SCREW-TAPPING

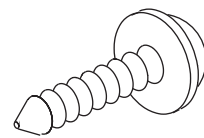
MMAC-16400-004 SCREW-T/P-TOOTH

XSTB-30100-ZB4 SCREW-TAPPING

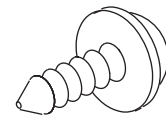


* HK-3370 : PRINCIPAL SCREW LOCATION

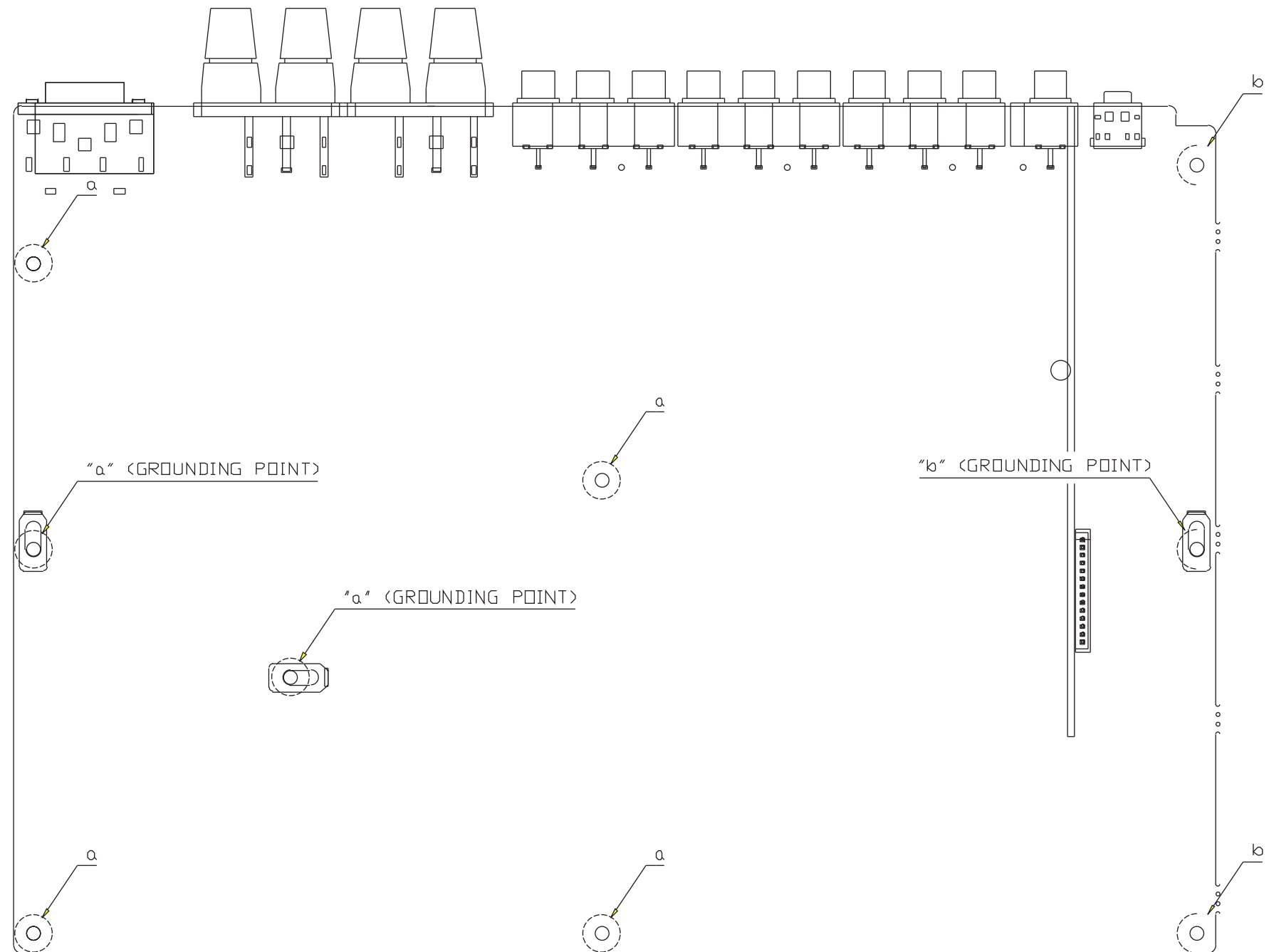
- * a POINT
- XSTS-30180-ZY4 SCREW-TAPPING



- * b POINT
- XSTS-30080-ZY4 SCREW-TAPPING

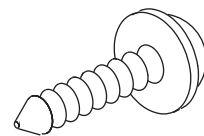


- * a POINT(6) : XSTS-30180-ZY4 SCREW-TAPPING
* b POINT(3) : XSTS-30080-ZY4 SCREW-TAPPING

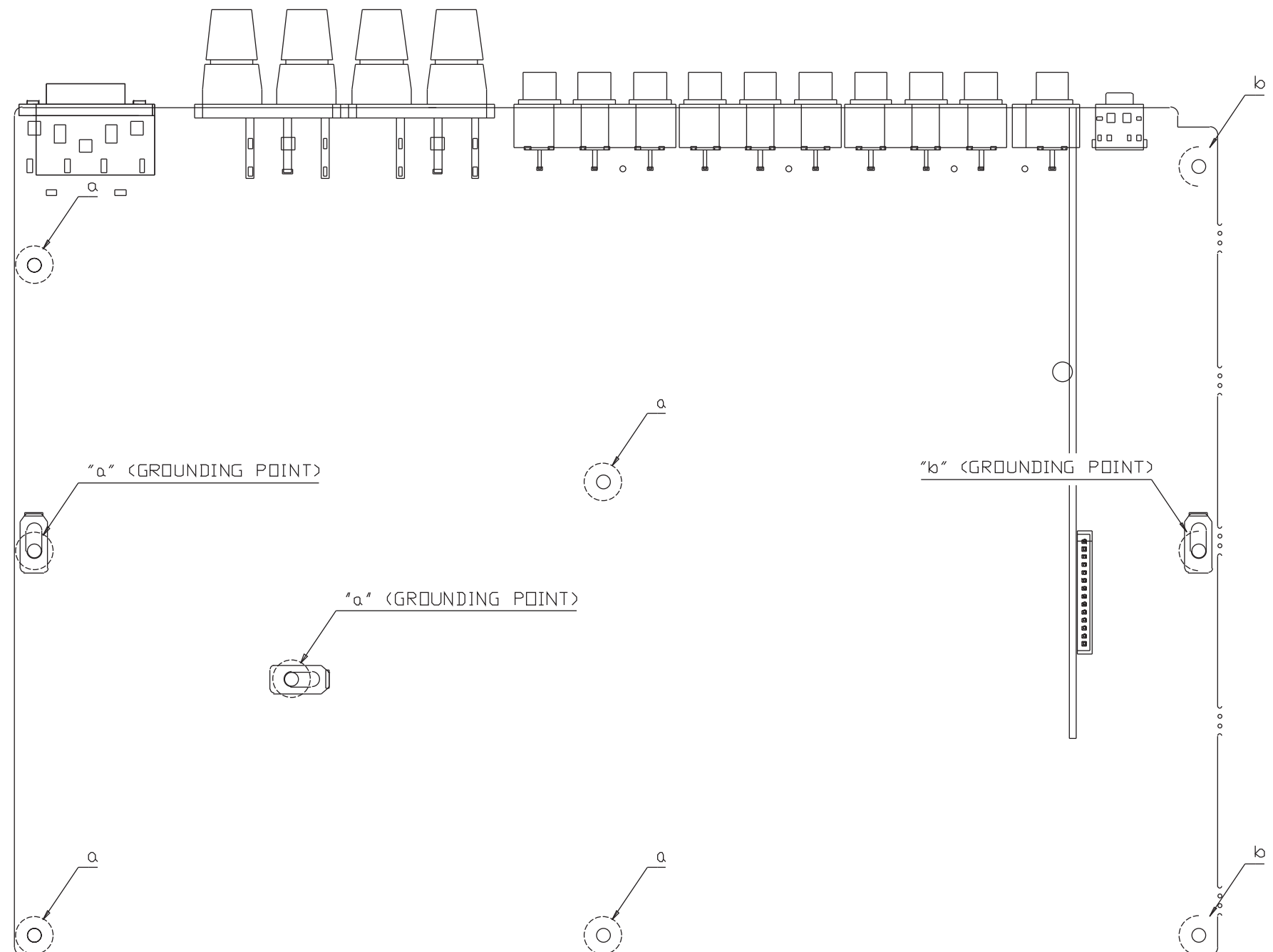
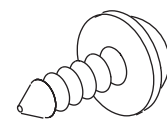


* HK-3470 : PRINCIPAL SCREW LOCATION

- * a POINT
- XSTS-30180-ZY4 SCREW-TAPPING



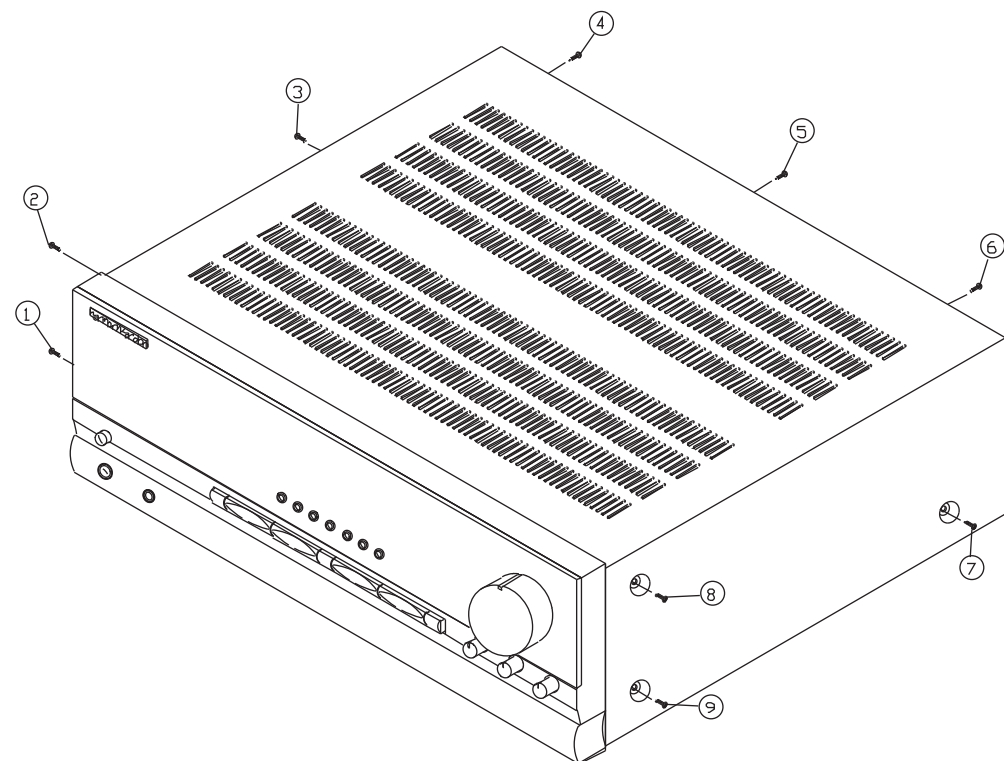
- * b POINT
- XSTS-30080-ZY4 SCREW-TAPPING



- * a POINT(6) : XSTS-30180-ZY4 SCREW-TAPPING
* b POINT(3) : XSTS-30080-ZY4 SCREW-TAPPING

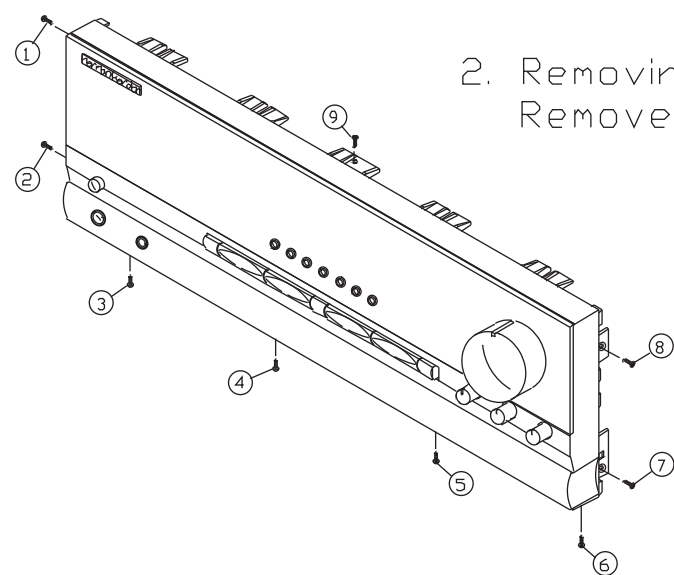
1. Removing the Chassis Top

Remove the screws ①-⑨



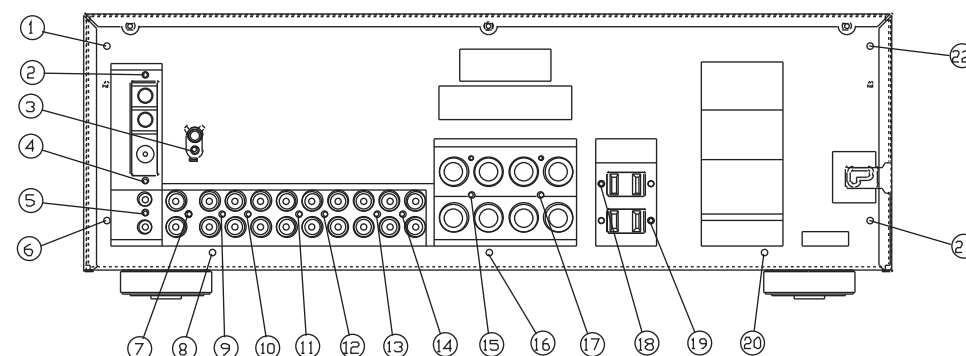
2. Removing the Front Panel

Remove the screws ①-⑨



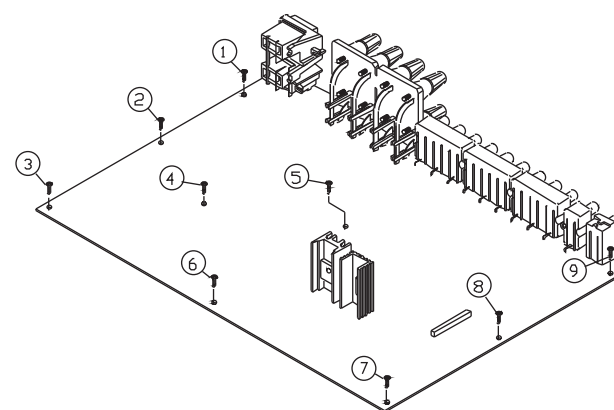
3. Removing the Rear Panel

Remove the screws ①-②②



4. Removing the Main PCB Block

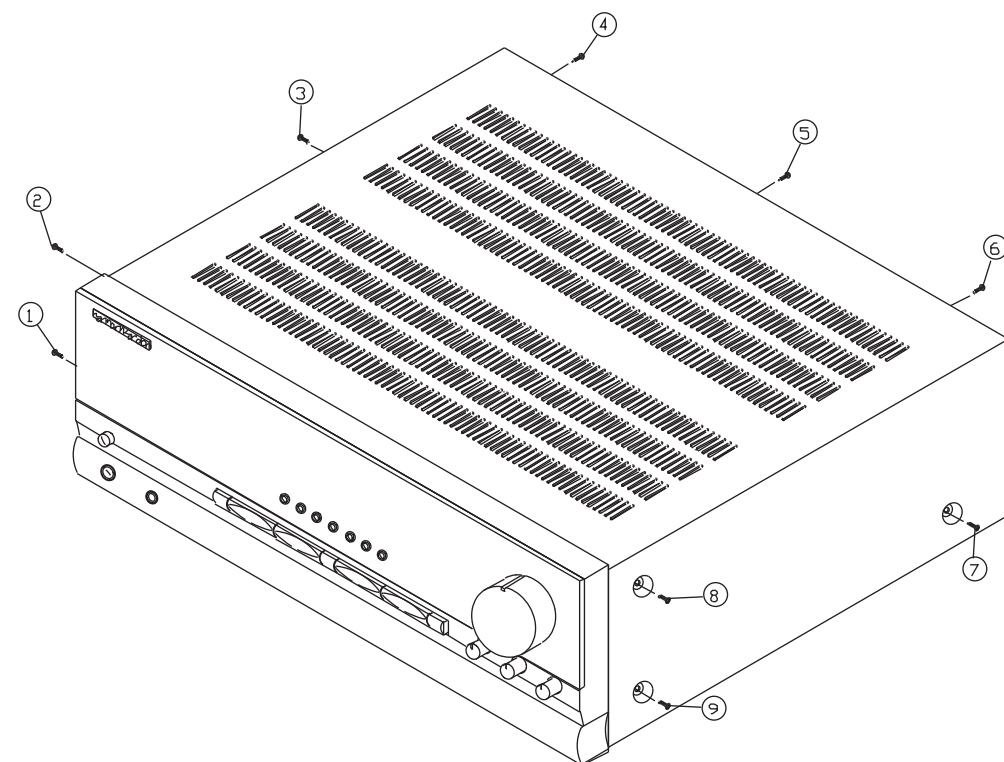
Remove the screws ①-⑨



HK 3470

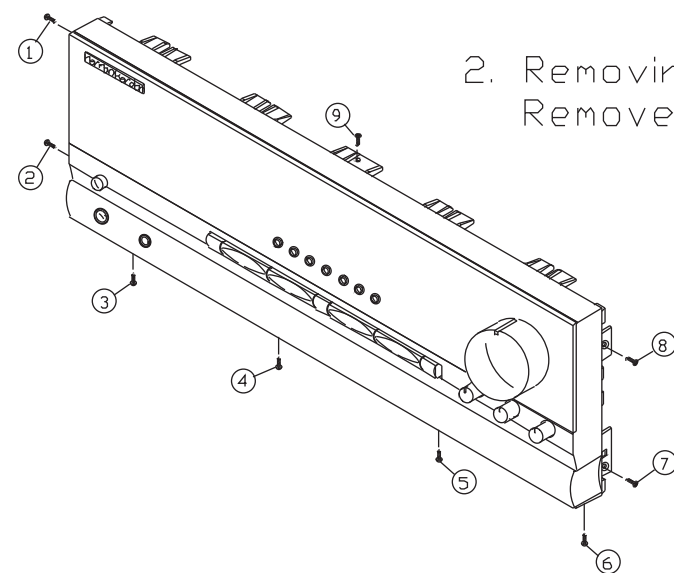
1. Removing the Chassis Top

Remove the screws ①-⑨



2. Removing the Front Panel

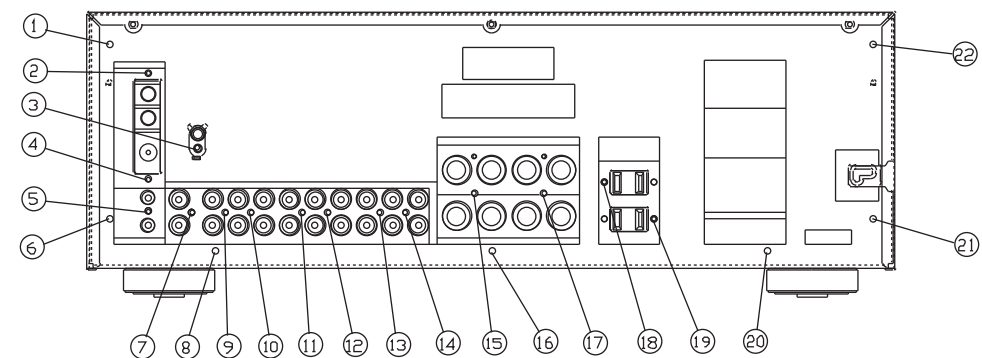
Remove the screws ①-⑨



HK 3470

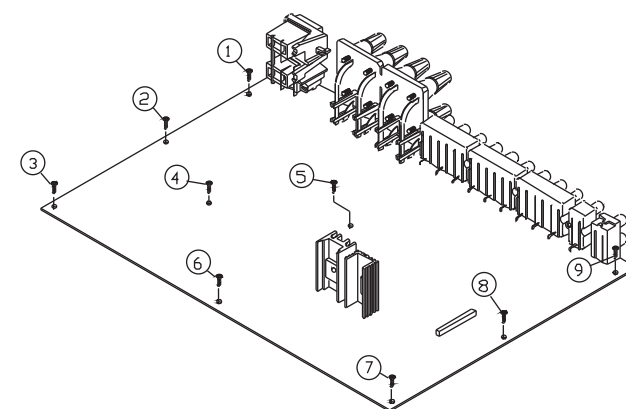
3. Removing the Rear Panel

Remove the screws ①-②②



4. Removing the Main PCB Block

Remove the screws ①-⑨



8. Part List

Ref. No.	Part No.	Description	
BLOCK SUB			
	ZBNG-00700-4ZL	BOND-ADHESIVE	#575
	ZBNG-01300-5ZL	LOCKER-SCREW	#1401B
#	ZGSI-01000-9PN	GREASE-SILICON	G-746
	ZSBR-00010-060	SOLDER-BAR	SN60
#	ZSWR-00010-F60	SOLDER-WIRE	D1.0 SN60
#	ZTOP-00701-50C	TAPE-OPP	
	ZTWF-01200-039	TAPE-DOUBLE FACE	TESA 4968 W = 3.0 t=0.32
#	ZZFX-00010-000	FLUX	ROSIN 28
	ZZTH-00010-000	DILUENT	ROSIN
BLOCK MECHA			
	ACRC-00670-000	ASS'Y-REMOCON	HK3370RC
	ANTL-00060-E50	ANTENNA-LOOP	AAN-007 19.5uH 7T 125x93
	ANTT-00054-075	ANTENNA-T TYPE	75ohm W/TER(Y)-1200m/m
	BAMN-00010-150	BATTERY MANGANESE	R03(AAAM) 1.5V 10.5x44.5
	FGFB-O2002-831	FUSE GLASS	2A 125V 51S
	FGFB-O3151-831	FUSE GLASS	315mA 125V 5x20 U/C SB
	FGFB-O5002-831	FUSE GLASS	5A 125V 5x20 U/C SB
	KDAC-0575D-H00	CORD-AC	KKP-10W WITH CORE
	LLA3-20401-E10	CARD CABLE	1.25x20Px400xCx(0.1x0.8)
	MAAF-03600-012	WINDOW-FL	HK3370 ACRYL T=3.0 (L
	MAAF-16130-014	LENS-VOLUME	HK3370 PMMA(IF-850)
	MAAF-16990-014	LENS-POWER	HK3370 ACRYL
	MAAF-17040-014	FILTER-FL	HK3370 PVC T0.5
	MAAF-17070-004	SHEET-WINDOW	PE(DRAFTING FILM)
	MEAC-05070-002	RADIATOR-MAIN	A6063 T-5
	MJAF-03580-012	KNOB-FUNCTION	HK3370 ABS
	MJAF-06570-011	PANEL-FRONT	HK3370 ABS
	MJAF-08870-013	KNOB-CHOICE	HK3370 ABS
	MJAF-08880-013	DECO-CHOICE	HK3370 ABS
	MJAF-15640-014	FOOT(A)	AVR200
	MJAF-16050-014	KNOB-STANDBY	AVR200 ABS-720
	MJAF-16070-014	KNOB-BALANCE	AVR200 ABS-720
	MJAF-16100-014	KNOB-VOLUME	HK3370 ABS-720
	MJAF-16140-004	SUPPORT-PCB	ABS-720
	MJAF-16980-014	KNOB-POWER	HK3370 ABS
	MJAF-17030-004	GUIDE-LED	ABS
	MJAG-00280-003	CORD-BUSH	NIFCO
	MJAG-04540-004	CABLE-TIE-L80	*
	MLAG-13850-014	BADGE-H/K	HK3370 AL
	MMAC-12060-004	TERMINAL-GND	
	MMAC-15650-004	SCREW-RADIATOR	
	MMAC-16400-004	SCREW-T/P-TOOTH	3X10 BLACK
	MMAC-17070-004	JACK-CONNECT	
	MMSC-00900-004	AIR-STAPLER	
	MMTC-00751-003	SCREW-TAPPING	BHW T2T 3x8 FE-ZY
	MPAC-04760-003	CHASSIS-PANEL	US Coating t1.0
	MPAC-04812-002	CHASSIS-BOTTOM	US COATING T1.2
	MPAC-04950-012	CHASSIS-TOP	AVR200 SECC(T0.6) + P
	MPAC-05040-012	CHASSIS-BACK	HK3370 SECC T0.8
	MPAC-16220-004	BRACKET-RADIATOR(S)	US COATING T1.0

Ref. No.	Part No.	Description	
BLOCK MECHA			
	MPAC-16880-004	SHIELD-BALANCE	ET-HD T0.5
	MRAG-13040-004	CUSHION-A	FELT 437x10x0.5 S
	MRAG-13050-004	CUSHION-A	FELT 250x10x0.5 S
	MRAG-13250-004	CUSHION-A	EVA T=5.0
	MWAW-00910-003	PALLETS	1040X1126X141
	PLRC-00020-S30	PLUG RCA	SHORT JACK
	PTAN-03790-CJU	POWER TRANSFORMER	A86-379C-U(120V 60Hz)
	TFMA-00100-D00	TRANSFORMER-MATCHING	MT115050 300ohm & 75ohm
Q209	TRSC-01680-SB0	TRANSISTOR N-H FREQ	2SC4137 TO-126FP
Q213	TRSC-01340-SJ0	TRANSISTOR P-H FREQ	2SC3856
Q214	TRSA-00950-SJ0	TRANSISTOR P-H FREQ	2SA-1492
Q224	TRSC-01680-SB0	TRANSISTOR N-H FREQ	2SC4137 TO-126FP
Q228	TRSC-01340-SJ0	TRANSISTOR P-H FREQ	2SC3856
Q229	TRSA-00950-SJ0	TRANSISTOR P-H FREQ	2SA-1492
Q239	TRSC-01680-SB0	TRANSISTOR N-H FREQ	2SC4137 TO-126FP
Q243	TRSC-01340-SJ0	TRANSISTOR P-H FREQ	2SC3856
Q244	TRSA-00950-SJ0	TRANSISTOR P-H FREQ	2SA-1492
Q254	TRSC-01680-SB0	TRANSISTOR N-H FREQ	2SC4137 TO-126FP
Q256	TRSC-01340-SJ0	TRANSISTOR P-H FREQ	2SC3856
Q259	TRSA-00950-SJ0	TRANSISTOR P-H FREQ	2SA-1492
Q269	TRSC-01680-SB0	TRANSISTOR N-H FREQ	2SC4137 TO-126FP
Q273	TRSC-01340-SJ0	TRANSISTOR P-H FREQ	2SC3856
Q274	TRSA-00950-SJ0	TRANSISTOR P-H FREQ	2SA-1492
	U348-9B350-480	WIRE-ASS'Y	1618#18-500 WHT 3P
	VSP0-00010-100	POSISTOR	P42T8D100BW23
	XSTB-30080-ZB4	SCREW-TAPPING	BHT2T 3x8 FE-ZB
	XSTB-30080-ZY4	SCREW-TAPPING	BHT2T 3x8 FE-ZY
	XSTB-30100-ZB4	SCREW-TAPPING	BHT2T 3x10 FE-ZB
	XSTB-30100-ZY4	SCREW-TAPPING	BHT2T 3x10 FE-ZY
	XSTB-40080-ZB8	SCREW-TAPPING	BHT3T 4x8 FE-ZB
	XSTB-40080-ZY8	SCREW-TAPPING	BHT3T 4x8 FE-ZY
	XSTS-30080-ZY4	SCREW-TAPPING	PHWT2T 3x8 FE-ZY
	XSTS-30180-ZY4	SCREW-TAPPING	PHWT2T 3x18 FE-ZY
	YGAP-14860-054	BOX-GIFT	HK3370 535X480X231 DW
	YSAP-12070-002	CUSHION-L/R	EPS
	YVAP-01862-004	POLY-BAG-F	*
	YVAP-13320-004	TOLON-SHEET	750x1200 0.5t
	7JJG-00212-001	PACKING WRAP	500mm*1400m
BLOCK MAIN PCB			
C101	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF K 50V B T
C102	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF K 50V B T
C119	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF K 50V B T
C120	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF K 50V B T
C134	CCAT-F103Z-AAF	CAPACITOR CERAMIC	0.01uF Z 25V F T
C135	CCAT-J473Z-AAF	CAPACITOR CERAMIC	0.047uF Z 50V F T
C136	CCAT-J473Z-AAF	CAPACITOR CERAMIC	0.047uF Z 50V F T
C137	CCAT-J473Z-AAF	CAPACITOR CERAMIC	0.047uF Z 50V F T
C139	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF M 50V 5x11 T
C140	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF M 50V 5x11 T
C141	CCAT-J102K-AAB	CAPACITOR CERAMIC	1000PF K 50V B T

Ref. No.	Part No.	Description
BLOCK MAIN PCB		
C142	CCAT-J102K-AAB	CAPACITOR CERAMIC 1000PF K 50V B T
C143	CEET-D101M-CI0	CAPACITOR E/ALUMINUM 100uF M 10V 5x11 T
C144	CEET-D101M-CI0	CAPACITOR E/ALUMINUM 100uF M 10V 5x11 T
C145	CFMT-N152J-CJ0	CAPACITOR F/POLYESTR 0.0015uF J 100V 5.4x12 T
C146	CFMT-N152J-CJ0	CAPACITOR F/POLYESTR 0.0015uF J 100V 5.4x12 T
C147	CFMT-N562J-DJ0	CAPACITOR F/POLYESTR 0.0056uF J 100V 5.8x12 T
C148	CFMT-N562J-DJ0	CAPACITOR F/POLYESTR 0.0056uF J 100V 5.8x12 T
C149	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM 4.7uF M 50V 5x11 T
C150	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM 4.7uF M 50V 5x11 T
C151	CFMT-N182J-CJ0	CAPACITOR F/POLYESTR 0.0018uF J 100V 5.5x12 T
C152	CFMT-N182J-CJ0	CAPACITOR F/POLYESTR 0.0018uF J 100V 5.5x12 T
C153	CEET-F470M-CI0	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C154	CEET-F470M-CI0	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C155	CEET-F470M-CI0	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C156	CEET-F470M-CI0	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C157	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM 1.0uF M 50V 5x11 T
C158	CCAT-J101K-AAB	CAPACITOR CERAMIC 100PF K 50V B T
C159	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM 4.7uF M 50V 5x11 T
C160	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM 4.7uF M 50V 5x11 T
C161	CEET-F470M-CI0	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C162	CEET-F470M-CI0	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C163	CEET-F470M-CI0	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C164	CEET-F470M-CI0	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C173	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM 4.7uF M 50V 5x11 T
C174	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM 4.7uF M 50V 5x11 T
C175	CCAT-J102K-AAB	CAPACITOR CERAMIC 1000PF K 50V B T
C176	CCAT-J102K-AAB	CAPACITOR CERAMIC 1000PF K 50V B T
C177	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM 4.7uF M 50V 5x11 T
C178	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM 4.7uF M 50V 5x11 T
C179	CEET-F470M-CI0	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C180	CEET-F470M-CI0	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C183	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM 1.0uF M 50V 5x11 T
C184	CACS-S472M-179	CAPACITOR AC DE7100F472M
C185	CFMT-N473J-GK0	CAPACITOR F/POLYESTR 0.047uF J 100V 8.9x13. T
C186	CFMT-N473J-GK0	CAPACITOR F/POLYESTR 0.047uF J 100V 8.9x13. T
C187	CFMT-N473J-GK0	CAPACITOR F/POLYESTR 0.047uF J 100V 8.9x13. T
C188	CEET-F102M-HN0	CAPACITOR E/ALUMINUM 1000uF M 25V 13x16 T
C189	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM 1.0uF M 50V 5x11 T
C190	CCAT-J104Z-AAF	CAPACITOR CERAMIC 0.1uF Z 50V F T
C191	CCAT-F223Z-AAF	CAPACITOR CERAMIC 0.022uF Z 25V F T
C192	CCAT-F223Z-AAF	CAPACITOR CERAMIC 0.022uF Z 25V F T
C194	CEET-J470M-DI0	CAPACITOR E/ALUMINUM 47uF M 50V 6.3x11 T
C195	CEET-J470M-DI0	CAPACITOR E/ALUMINUM 47uF M 50V 6.3x11 T
C196	CCCT-J104Z-OFF	CAPACITOR CERAMIC 0.1uF Z 50V F T
C197	CFMT-N103J-DE0	CAPACITOR F/POLYESTR 0.01uF J 100V 6x7 T
C198	CFMT-N103J-DE0	CAPACITOR F/POLYESTR 0.01uF J 100V 6x7 T
C199	CFMT-N103J-DE0	CAPACITOR F/POLYESTR 0.01uF J 100V 6x7 T
C200	CEET-E471M-FI1	CAPACITOR E/ALUMINUM 470uF M 16V 8x11.5 U T
C201	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM 1.0uF M 50V 5x11 T
C202	CCAT-J104Z-AAF	CAPACITOR CERAMIC 0.1uF Z 50V F T
C203	CFMT-N103J-DE0	CAPACITOR F/POLYESTR 0.01uF J 100V 6x7 T

Ref. No.	Part No.	Description
BLOCK MAIN PCB		
C204	CFMT-N103J-DE0	CAPACITOR F/POLYESTR 0.01uF J 100V 6x7 T
C205	CFMT-N103J-DE0	CAPACITOR F/POLYESTR 0.01uF J 100V 6x7 T
C206	CEEM-G222M-LR1	CAPACITOR E/ALUMINUM 2200uF M 35V 16x31.5 U M
C207	CEEM-G222M-LR1	CAPACITOR E/ALUMINUM 2200uF M 35V 16x31.5 U M
C208	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM 1.0uF M 50V 5x11 T
C209	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM 1.0uF M 50V 5x11 T
C210	CEET-G221M-HJ1	CAPACITOR E/ALUMINUM 220uF M 35V 10x12.5 U T
C211	CFMT-S104K-GI0	CAPACITOR F/POLYESTR 0.1uF K 250V 9.5x11 TL
C212	CFMT-S104K-GI0	CAPACITOR F/POLYESTR 0.1uF K 250V 9.5x11 TL
C213	CFMT-S104K-GI0	CAPACITOR F/POLYESTR 0.1uF K 250V 9.5x11 TL
C214	CFMT-S104K-GI0	CAPACITOR F/POLYESTR 0.1uF K 250V 9.5x11 TL
C215	CFMT-S104K-GI0	CAPACITOR F/POLYESTR 0.1uF K 250V 9.5x11 TL
C216	CEEZ-L104M-SV3	CAPACITOR E/ALUMINUM 10000uF M 63V 35x50 SMH
C217	CEEZ-L104M-SV3	CAPACITOR E/ALUMINUM 10000uF M 63V 35x50 SMH
C218	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM 1.0uF M 50V 5x11 T
C219	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM 1.0uF M 50V 5x11 T
C220	CFMT-N473J-GK0	CAPACITOR F/POLYESTR 0.047uF J 100V 8.9x13. T
C221	CFMT-N473J-GK0	CAPACITOR F/POLYESTR 0.047uF J 100V 8.9x13. T
C222	CFMT-N473J-GK0	CAPACITOR F/POLYESTR 0.047uF J 100V 8.9x13. T
C223	CFMT-N473J-GK0	CAPACITOR F/POLYESTR 0.047uF J 100V 8.9x13. T
	CEET-F220M-CI0	CAPACITOR E/ALUMINUM 22uF M 25V 5x11 T
D101	DDMR-00230-T10	DIODE-RECTIFIER GP60-04F(400V 6A)
D102	DDMR-00230-T10	DIODE-RECTIFIER GP60-04F(400V 6A)
D103	DDMR-00230-T10	DIODE-RECTIFIER GP60-04F(400V 6A)
D104	DDMR-00230-T10	DIODE-RECTIFIER GP60-04F(400V 6A)
D105	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D106	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D107	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D108	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D109	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D110	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D113	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D114	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D115	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D116	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D117	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D118	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D119	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D120	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D121	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D122	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D125	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D126	DDTR-00040-T10	DIODE-RECTIFIER 1N4004S(400V 1A 0.6mm) T
D124	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D111	DDTZ-G150C-SO0	DIODE ZENER MTZ15C 14.35-15.09 DO40 T
D112	DDTZ-G180C-SO0	DIODE ZENER MTZ18C 17.42-18.33 DO40 T
RL101	ESRY-00340-112	RELAY SDT-S-112DMR
RL102	ESRY-00370-24U	RELAY OSA-SS-224DM3(24V DC)
RL103	ESRY-00370-24U	RELAY OSA-SS-224DM3(24V DC)
IC102	ICDG-00260-S10	IC FUNCTION SELECTOR LC7821 DIP30S
IC107	ICOP-00131-SE0	IC DUAL OP AMP KA4558C DIP8

Ref. No.	Part No.	Description	
BLOCK MAIN PCB			
IC101	ICOP-00432-SG0	IC OP AMP	NJM2068DD DIP8
IC103	ICOP-00432-SG0	IC OP AMP	NJM2068DD DIP8
IC108	ICPC-00010-TB0	IC PHOTOCOUPLER	LTV817B DIP4
IC109	ICRG-00043-SE0	IC REGULATOR	KA7805 5V 3mm TO-220
IC110	ICRG-00043-SE0	IC REGULATOR	KA7805 5V 3mm TO-220
IC111	ICRG-00061-SE0	IC REGULATOR	KA7815 15V 3mm TO-220
IC112	ICRG-00251-SE0	IC REGULATOR	KA7915 15V 3mm TO-220
L101	KIOT-4470K-003	COIL-INDUCTOR	47uH K LAL02 T
L102	KIOT-4470K-003	COIL-INDUCTOR	47uH K LAL02 T
CN107	KNCW-00140-ATM	CONNECTOR-WAFER	5267-10A 2.5mm MILK
CN106	KNCW-00140-3TM	CONNECTOR-WAFER	5267-03A 2.5mm MILK
CN105	KNCW-00140-6TM	CONNECTOR-WAFER	5267-06A 2.5mm MILK
CN113	KNCW-00140-7TM	CONNECTOR-WAFER	5267-07A 2.5mm MILK
CN109	KNCW-00240-AT9	CONNECTOR-WAFER	53014-10 2.0mm WHT
CN108	KNCW-00240-4T9	CONNECTOR-WAFER	53014-04 2.0mm WHT
CN115	KNCW-00823-KT9	CONNECTOR WAFER	6216-20PST
CN111	KNCW-00970-2T9	CONNECTOR-WAFER	JE202-1T-2P
CN112	KNCW-00970-2T9	CONNECTOR-WAFER	JE202-1T-2P
CN104	KNCW-00970-3T9	CONNECTOR-WAFER	JE202-1T-3P
CN101	KNCW-00990-2T9	CONNECTOR-WAFER	JE202A-1T-02
CN102	KNCW-00990-2T9	CONNECTOR-WAFER	JE202A-1T-02
CN103	KNCW-00990-2T9	CONNECTOR-WAFER	JE202A-1T-02
CN114	KNCW-01520-ES9	CONNECTOR-WAFER	35336-1410 20MM 14P
	MEAC-08215-004	RADIATOR-TR	
	MEAC-12693-004	HEAT-SINK(TR)	
GT101	MPAC-03810-004	TERMINAL-GND	ET-HD T0.3
GT102	MPAC-03810-004	TERMINAL-GND	ET-HD T0.3
GT103	MPAC-03810-004	TERMINAL-GND	ET-HD T0.3
FC101	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC102	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC103	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC104	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC107	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC108	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC109	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC110	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC111	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC112	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
PCB1	PCSR-05390-11B	PCB-SINGLE	A1R-539 330x247x1.6t
PT101	PTA1-03680-CJU	TRANSFORMER-POWER	A28-368C-U
R226	RCFT-E101J-000	RESISTOR-CARBON FILM	100ohm 1/5W 5% T
R101	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R102	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R138	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R139	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R140	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R153	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R154	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R240	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R239	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R119	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T

Ref. No.	Part No.	Description
BLOCK MAIN PCB		
R120	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R121	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R122	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R131	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R132	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R137	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R145	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R146	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R203	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R204	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R207	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R208	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R213	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R214	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R221	RCFT-E123J-000	RESISTOR-CARBON FILM 12Kohm 1/5W 5% T
R215	RCFT-E152J-000	RESISTOR-CARBON FILM 1.5Kohm 1/5W 5% T
R216	RCFT-E152J-000	RESISTOR-CARBON FILM 1.5Kohm 1/5W 5% T
R209	RCFT-E202J-000	RESISTOR-CARBON FILM 2Kohm 1/5W 5% T
R210	RCFT-E202J-000	RESISTOR-CARBON FILM 2Kohm 1/5W 5% T
R115	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R116	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R117	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R118	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R133	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R134	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R135	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R136	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R155	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R156	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R217	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R218	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R211	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R212	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R230	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R232	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R243	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R244	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R151	RCFT-E224J-000	RESISTOR-CARBON FILM 220Kohm 1/5W 5% T
R152	RCFT-E224J-000	RESISTOR-CARBON FILM 220Kohm 1/5W 5% T
R225	RCFT-E271J-000	RESISTOR-CARBON FILM 270ohm 1/5W 5% T
R235	RCFT-E3R3J-000	RESISTOR-CARBON FILM 3.3ohm 1/5W 5% T
R236	RCFT-E3R3J-000	RESISTOR-CARBON FILM 3.3ohm 1/5W 5% T
R222	RCFT-E332J-000	RESISTOR-CARBON FILM 3.3Kohm 1/5W 5% T
R223	RCFT-E332J-000	RESISTOR-CARBON FILM 3.3Kohm 1/5W 5% T
R224	RCFT-E332J-000	RESISTOR-CARBON FILM 3.3Kohm 1/5W 5% T
R227	RCFT-E392J-000	RESISTOR-CARBON FILM 3.9Kohm 1/5W 5% T
R248	RCFT-E4R7J-000	RESISTOR-CARBON FILM 4.7ohm 1/5W 5% T
R228	RCFT-E470J-000	RESISTOR-CARBON FILM 47ohm 1/5W 5% T
R103	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R104	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R105	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T

Ref. No.	Part No.	Description
BLOCK MAIN PCB		
R106	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R107	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R108	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R109	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R110	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R111	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R112	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R113	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R114	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R129	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R130	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R143	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R144	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R205	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R206	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R127	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R128	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R141	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R142	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R229	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R125	RCFT-E564J-000	RESISTOR-CARBON FILM 560Kohm 1/5W 5% T
R126	RCFT-E564J-000	RESISTOR-CARBON FILM 560Kohm 1/5W 5% T
R123	RCFT-E751J-000	RESISTOR-CARBON FILM 750ohm 1/5W 5% T
R124	RCFT-E751J-000	RESISTOR-CARBON FILM 750ohm 1/5W 5% T
R231	RCFT-E823J-000	RESISTOR-CARBON FILM 82Kohm 1/5W 5% T
R245	RCFT-E823J-000	RESISTOR-CARBON FILM 82Kohm 1/5W 5% T
R246	RCFT-E823J-000	RESISTOR-CARBON FILM 82Kohm 1/5W 5% T
R237	RCFT-F4R7J-010	RESISTOR-CARBON FILM 4.7ohm 1/4W 5% T
R238	RCFT-F4R7J-010	RESISTOR-CARBON FILM 4.7ohm 1/4W 5% T
R247	RCFT-F4R7J-010	RESISTOR-CARBON FILM 4.7ohm 1/4W 5% T
R234	RCFT-G335K-1D0	RESISTOR-CARBON FILM 3.3Mohm 1/2W ERC12UGK335
R253	RMOH-H100J-100	RESISTOR-METAL OXIDE PRO1 1W 10ohm 5% R-SHAP
R233	RMOH-H4R7J-100	RESISTOR-METAL OXIDE PRO1 1W 4.7ohm J R-SHAPE
R241	RMOH-H4R7J-100	RESISTOR-METAL OXIDE PRO1 1W 4.7ohm J R-SHAPE
R242	RMOH-H4R7J-100	RESISTOR-METAL OXIDE PRO1 1W 4.7ohm J R-SHAPE
R249	RMOH-J100J-040	RESISTOR-METAL OXIDE 10ohm 2W 5% H
R250	RMOH-J100J-040	RESISTOR-METAL OXIDE 10ohm 2W 5% H
R251	RMOH-J100J-040	RESISTOR-METAL OXIDE 10ohm 2W 5% H
R252	RMOH-J100J-040	RESISTOR-METAL OXIDE 10ohm 2W 5% H
A0101	SKAO-00190-C50	AC OUTLET S2-764T-214
JK105	SKPH-00520-360	MINIATURE JACK HSJ1002-01-1020
JK101	SKRC-00290-020	SOCKET-RCA JK0200440N 2P
JK102	SKRC-00420-061	SOCKET-RCA JK0600460N
JK103	SKRC-00420-061	SOCKET-RCA JK0600460N
JK104	SKRC-00760-060	SOCKET-RCA JK0600467N
TE101	TESP-00230-08S	TERMINAL SPEAKER SH0810360P
Q102	TRTA-0012Y-SD0	TRANSISTOR P-H FREQ KTA1273-Y TO92L
Q106	TRTA-00940-SD0	TRANSISTOR P-H FREQ KRA107M W/RESIST TO92M
Q109	TRTA-00940-SD0	TRANSISTOR P-H FREQ KRA107M W/RESIST TO92M
	TRTC-01700-SD0	TRANSISTOR N-H FREQ KRC107M W/RESIST TO92M
Q101	TRTD-00200-SD0	TRANSISTOR N-L FREQ KTD-1302 TO92

Ref. No.	Part No.	Description				
BLOCK MAIN PCB						
Q103	TRTD-00200-SD0	TRANSISTOR N-L FREQ	KTD-1302	TO92		
Q104	TRTD-00200-SD0	TRANSISTOR N-L FREQ	KTD-1302	TO92		
Q107	TRTD-00200-SD0	TRANSISTOR N-L FREQ	KTD-1302	TO92		
Q108	TRTD-00200-SD0	TRANSISTOR N-L FREQ	KTD-1302	TO92		
Q111	TRTD-00200-SD0	TRANSISTOR N-L FREQ	KTD-1302	TO92		
BLOCK FRONT PCB						
C302	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF	Z 50V	F	T
C305	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF	Z 50V	F	T
C306	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF	Z 50V	F	T
C308	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF	Z 50V	F	T
C314	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF	Z 50V	F	T
C315	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF	Z 50V	F	T
C503	CCAT-J330J-AAZ	CAPACITOR CERAMIC	33PF	J 50V	SL	T
C504	CCAT-J330J-AAZ	CAPACITOR CERAMIC	33PF	J 50V	SL	T
C317	CCAT-J470J-AAZ	CAPACITOR CERAMIC	47PF	J 50V	SL	T
C501	CCAT-J470J-AAZ	CAPACITOR CERAMIC	47PF	J 50V	SL	T
C502	CCAT-J470J-AAZ	CAPACITOR CERAMIC	47PF	J 50V	SL	T
C311	CCAT-J473Z-AAF	CAPACITOR CERAMIC	0.047uF	Z 50V	F	T
C312	CCAT-J473Z-AAF	CAPACITOR CERAMIC	0.047uF	Z 50V	F	T
C307	CCCT-J103Z-0DF	CAPACITOR CERAMIC	0.01uF	Z 50V	F	T
C413	CCTT-J120J-0BC	CAPACITOR CERAMIC	12PF	J 50V	CH	T
C414	CCTT-J120J-0BC	CAPACITOR CERAMIC	12PF	J 50V	CH	T
C419	CCTT-J470J-0DC	CAPACITOR CERAMIC	47PF	J 50V	CH	T
C420	CCTT-J470J-0DC	CAPACITOR CERAMIC	47PF	J 50V	CH	T
C403	CCTT-J680J-0FC	CAPACITOR CERAMIC	68PF	J 50V	CH	T
C404	CCTT-J680J-0FC	CAPACITOR CERAMIC	68PF	J 50V	CH	T
C409	CCTT-J681J-0BZ	CAPACITOR CERAMIC	680PF	J 50V	SL	T
C410	CCTT-J681J-0BZ	CAPACITOR CERAMIC	680PF	J 50V	SL	T
C411	CEET-C471M-FI1	CAPACITOR E/ALUMINUM	470uF	M 6.3V 8x11.5	U	T
C412	CEET-C471M-FI1	CAPACITOR E/ALUMINUM	470uF	M 6.3V 8x11.5	U	T
C428	CEET-C471M-FI1	CAPACITOR E/ALUMINUM	470uF	M 6.3V 8x11.5	U	T
C401	CEET-F220M-CI0	CAPACITOR E/ALUMINUM	22uF	M 25V 5x11	T	
C402	CEET-F220M-CI0	CAPACITOR E/ALUMINUM	22uF	M 25V 5x11	T	
C407	CEET-F220M-CI0	CAPACITOR E/ALUMINUM	22uF	M 25V 5x11	T	
C408	CEET-F220M-CI0	CAPACITOR E/ALUMINUM	22uF	M 25V 5x11	T	
C405	CEET-F330M-CI0	CAPACITOR E/ALUMINUM	33uF	M 25V 5x11	T	
C406	CEET-F330M-CI0	CAPACITOR E/ALUMINUM	33uF	M 25V 5x11	T	
C304	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M 25V 5x11	T	
C316	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M 25V 5x11	T	
C509	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M 25V 5x11	T	
C510	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M 25V 5x11	T	
C303	CEET-JR10M-CI0	CAPACITOR E/ALUMINUM	0.1uF	M 50V 5x11	T	
C310	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM	1.0uF	M 50V 5x11	T	
C427	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM	1.0uF	M 50V 5x11	T	
C309	CEET-J100M-CI0	CAPACITOR E/ALUMINUM	10uF	M 50V 5x11	T	
C421	CEET-J100M-CI0	CAPACITOR E/ALUMINUM	10uF	M 50V 5x11	T	
C422	CEET-J100M-CI0	CAPACITOR E/ALUMINUM	10uF	M 50V 5x11	T	
C425	CEET-J100M-CI0	CAPACITOR E/ALUMINUM	10uF	M 50V 5x11	T	
C426	CEET-J100M-CI0	CAPACITOR E/ALUMINUM	10uF	M 50V 5x11	T	
C505	CEET-J100M-CI0	CAPACITOR E/ALUMINUM	10uF	M 50V 5x11	T	

Ref. No.	Part No.	Description
BLOCK FRONT PCB		
C506	CEET-J100M-CI0	CAPACITOR E/ALUMINUM 10uF M 50V 5x11 T
C507	CEET-J100M-CI0	CAPACITOR E/ALUMINUM 10uF M 50V 5x11 T
C508	CEET-J100M-CI0	CAPACITOR E/ALUMINUM 10uF M 50V 5x11 T
C423	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM 4.7uF M 50V 5x11 T
C424	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM 4.7uF M 50V 5x11 T
C313	CEET-J470M-DI0	CAPACITOR E/ALUMINUM 47uF M 50V 6.3x11 T
C415	CEET-L331M-DI1	CAPACITOR E/ALUMINUM 330uF M 63V 10x20 SHL T
C416	CEET-L331M-DI1	CAPACITOR E/ALUMINUM 330uF M 63V 10x20 SHL T
C417	CEET-L331M-DI1	CAPACITOR E/ALUMINUM 330uF M 63V 10x20 SHL T
C418	CEET-L331M-DI1	CAPACITOR E/ALUMINUM 330uF M 63V 10x20 SHL T
C301	CEGT-B104J-OJ0	CAPACITOR E/DO LAYER 0.1F J 5.5V SCDA5R5104A T
C511	CFMT-N183J-EK0	CAPACITOR F/POLYESTR 0.018uF J 100V 7.3x13 T
C512	CFMT-N183J-EK0	CAPACITOR F/POLYESTR 0.018uF J 100V 7.3x13 T
C517	CFMT-N183J-EK0	CAPACITOR F/POLYESTR 0.018uF J 100V 7.3x13 T
C518	CFMT-N183J-EK0	CAPACITOR F/POLYESTR 0.018uF J 100V 7.3x13 T
C515	CFMT-N392J-DJ0	CAPACITOR F/POLYESTR 0.0039uF J 100V 5.8x12 T
C516	CFMT-N392J-DJ0	CAPACITOR F/POLYESTR 0.0039uF J 100V 5.8x12 T
C513	CFMT-N823J-IK0	CAPACITOR F/POLYESTR 0.082uF J 100V 10.6x14 T
C514	CFMT-N823J-IK0	CAPACITOR F/POLYESTR 0.082uF J 100V 10.6x14 T
D301	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D302	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D303	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D304	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D306	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D307	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D308	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D309	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D310	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D311	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D312	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D401	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D402	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D403	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D404	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D405	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D305	DDTZ-G075B-SO0	DIODE ZENER MTZ7.5B 7.07-7.45 DO40 T
D406	DDTZ-G091B-SO0	DIODE ZENER MTZ9.1B 9.01 DO40 T
FL301	DPFL-00780-000	VFD HNA-16LL15
LD802	DPLE-00210-YG0	DISPLAY-LED SM3511
LD301	DPLE-00211-GG0	DISPLAY-LED SM3511(F2T)
LD302	DPLE-00211-GG0	DISPLAY-LED SM3511(F2T)
LD303	DPLE-00211-GG0	DISPLAY-LED SM3511(F2T)
LD304	DPLE-00211-GG0	DISPLAY-LED SM3511(F2T)
LD305	DPLE-00211-GG0	DISPLAY-LED SM3511(F2T)
LD306	DPLE-00211-GG0	DISPLAY-LED SM3511(F2T)
LD801	DPLE-00280-RG0	DISPLAY-LED SAM5270 RED/GRN
IC304	ICCM-01500-SB0	IC MEMORY LSI BR24C04-W DIP8
IC703	ICHY-00370-U80	IC REMOTE RECEIVER HI-M602H0
IC301	ICMP-03870-S20	IC (U-COM) UPD780204GF-084-3BA
IC303	ICOP-00210-SD0	IC RESET KIA7042P/F 4.2V TO-92
IC501	ICOP-03150-SG0	IC OP AMP NJM2068M SOP8

Ref. No.	Part No.	Description	
BLOCK FRONT PCB			
L302	KIBK-00190-E40	COIL-AUDIO CHOCK	0.7uH COIL-CHOCK
L401	KIBK-00190-E40	COIL-AUDIO CHOCK	0.7uH COIL-CHOCK
CN402	KNCW-00140-2TM	CONNECTOR-WAFER	5267-02A 2.5mm MILK
CN401	KNCW-00140-3TM	CONNECTOR-WAFER	5267-03A 2.5mm MILK
CN302	KNCW-00160-5S9	CONNECTOR-WAFER	53015-0510 2mm-WHT
CN301	KNCW-00823-KS9	CONNECTOR WAFER	6216-20PRA
CN801	KNCW-00990-2T9	CONNECTOR-WAFER	JE202A-1T-02
Z301	KTRE-00171-042	RESONATOR	CST4.19MGW-TF01
	MEAC-08212-004	RADIATOR	
	MRAG-13830-004	CUSHION-FL	EVA T=5.0
	MRAG-13840-004	CUSHION-REMOTE	EVA T=11.0
	PCSR-05400-11B	PCB-SINGLE	A1R-540 330x247x1.6t
R319	RCFT-E100J-000	RESISTOR-CARBON FILM	10ohm 1/5W 5% T
R346	RCFT-E100J-000	RESISTOR-CARBON FILM	10ohm 1/5W 5% T
R317	RCFT-E101J-000	RESISTOR-CARBON FILM	100ohm 1/5W 5% T
R318	RCFT-E101J-000	RESISTOR-CARBON FILM	100ohm 1/5W 5% T
R495	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R304	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R345	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R405	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R406	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R491	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R302	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R305	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R337	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R338	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R339	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R340	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R341	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R342	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R343	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R344	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R488	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R501	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R502	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R511	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R512	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R306	RCFT-E105J-000	RESISTOR-CARBON FILM	1Mohm 1/5W 5% T
R503	RCFT-E105J-000	RESISTOR-CARBON FILM	1Mohm 1/5W 5% T
R504	RCFT-E105J-000	RESISTOR-CARBON FILM	1Mohm 1/5W 5% T
R455	RCFT-E122J-000	RESISTOR-CARBON FILM	1.2Kohm 1/5W 5% T
R456	RCFT-E122J-000	RESISTOR-CARBON FILM	1.2Kohm 1/5W 5% T
R415	RCFT-E150J-000	RESISTOR-CARBON FILM	15ohm 1/5W 5% T
R416	RCFT-E150J-000	RESISTOR-CARBON FILM	15ohm 1/5W 5% T
R417	RCFT-E150J-000	RESISTOR-CARBON FILM	15ohm 1/5W 5% T
R418	RCFT-E150J-000	RESISTOR-CARBON FILM	15ohm 1/5W 5% T
R407	RCFT-E151J-000	RESISTOR-CARBON FILM	150ohm 1/5W 5% T
R408	RCFT-E151J-000	RESISTOR-CARBON FILM	150ohm 1/5W 5% T
R425	RCFT-E152J-000	RESISTOR-CARBON FILM	1.5Kohm 1/5W 5% T
R426	RCFT-E152J-000	RESISTOR-CARBON FILM	1.5Kohm 1/5W 5% T
R471	RCFT-E152J-000	RESISTOR-CARBON FILM	1.5Kohm 1/5W 5% T

Ref. No.	Part No.	Description
BLOCK FRONT PCB		
R472	RCFT-E152J-000	RESISTOR-CARBON FILM 1.5Kohm 1/5W 5% T
R490	RCFT-E152J-000	RESISTOR-CARBON FILM 1.5Kohm 1/5W 5% T
R494	RCFT-E153J-000	RESISTOR-CARBON FILM 15Kohm 1/5W 5% T
R320	RCFT-E181J-000	RESISTOR-CARBON FILM 180ohm 1/5W 5% T
R321	RCFT-E181J-000	RESISTOR-CARBON FILM 180ohm 1/5W 5% T
R322	RCFT-E181J-000	RESISTOR-CARBON FILM 180ohm 1/5W 5% T
R323	RCFT-E181J-000	RESISTOR-CARBON FILM 180ohm 1/5W 5% T
R324	RCFT-E181J-000	RESISTOR-CARBON FILM 180ohm 1/5W 5% T
R325	RCFT-E181J-000	RESISTOR-CARBON FILM 180ohm 1/5W 5% T
R469	RCFT-E182J-000	RESISTOR-CARBON FILM 1.8Kohm 1/5W 5% T
R470	RCFT-E182J-000	RESISTOR-CARBON FILM 1.8Kohm 1/5W 5% T
R507	RCFT-E203J-000	RESISTOR-CARBON FILM 20Kohm 1/5W 5% T
R508	RCFT-E203J-000	RESISTOR-CARBON FILM 20Kohm 1/5W 5% T
R519	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R520	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R513	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R514	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R517	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R518	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R301	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R303	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R334	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R335	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R336	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R451	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R452	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R453	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R454	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R493	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R477	RCFT-E243J-000	RESISTOR-CARBON FILM 24Kohm 1/5W 5% T
R478	RCFT-E243J-000	RESISTOR-CARBON FILM 24Kohm 1/5W 5% T
R313	RCFT-E271J-000	RESISTOR-CARBON FILM 270ohm 1/5W 5% T
R315	RCFT-E271J-000	RESISTOR-CARBON FILM 270ohm 1/5W 5% T
R463	RCFT-E3R3J-000	RESISTOR-CARBON FILM 3.3ohm 1/5W 5% T
R464	RCFT-E3R3J-000	RESISTOR-CARBON FILM 3.3ohm 1/5W 5% T
R465	RCFT-E3R3J-000	RESISTOR-CARBON FILM 3.3ohm 1/5W 5% T
R466	RCFT-E3R3J-000	RESISTOR-CARBON FILM 3.3ohm 1/5W 5% T
R401	RCFT-E331J-000	RESISTOR-CARBON FILM 330ohm 1/5W 5% T
R402	RCFT-E331J-000	RESISTOR-CARBON FILM 330ohm 1/5W 5% T
R489	RCFT-E332J-000	RESISTOR-CARBON FILM 3.3Kohm 1/5W 5% T
R316	RCFT-E333J-000	RESISTOR-CARBON FILM 33Kohm 1/5W 5% T
R403	RCFT-E333J-000	RESISTOR-CARBON FILM 33Kohm 1/5W 5% T
R404	RCFT-E333J-000	RESISTOR-CARBON FILM 33Kohm 1/5W 5% T
R427	RCFT-E333J-000	RESISTOR-CARBON FILM 33Kohm 1/5W 5% T
R428	RCFT-E333J-000	RESISTOR-CARBON FILM 33Kohm 1/5W 5% T
R492	RCFT-E333J-000	RESISTOR-CARBON FILM 33Kohm 1/5W 5% T
R496	RCFT-E333J-000	RESISTOR-CARBON FILM 33Kohm 1/5W 5% T
R497	RCFT-E333J-000	RESISTOR-CARBON FILM 33Kohm 1/5W 5% T
R479	RCFT-E390J-000	RESISTOR-CARBON FILM 39ohm 1/5W 5% T
R480	RCFT-E390J-000	RESISTOR-CARBON FILM 39ohm 1/5W 5% T
R481	RCFT-E390J-000	RESISTOR-CARBON FILM 39ohm 1/5W 5% T

Ref. No.	Part No.	Description
BLOCK FRONT PCB		
R482	RCFT-E390J-000	RESISTOR-CARBON FILM 39ohm 1/5W 5% T
R483	RCFT-E390J-000	RESISTOR-CARBON FILM 39ohm 1/5W 5% T
R484	RCFT-E390J-000	RESISTOR-CARBON FILM 39ohm 1/5W 5% T
R485	RCFT-E390J-000	RESISTOR-CARBON FILM 39ohm 1/5W 5% T
R486	RCFT-E390J-000	RESISTOR-CARBON FILM 39ohm 1/5W 5% T
R509	RCFT-E432J-000	RESISTOR-CARBON FILM 4.3Kohm 1/5W 5% T
R510	RCFT-E432J-000	RESISTOR-CARBON FILM 4.3Kohm 1/5W 5% T
R505	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R506	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R309	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R310	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R311	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R312	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R441	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R442	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R307	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R326	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R327	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R328	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R329	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R331	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R333	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R314	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R429	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R430	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R431	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R432	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R433	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R434	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R435	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R436	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R437	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R438	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R439	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R440	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R473	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R474	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R515	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R516	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R492	RCFT-E563J-000	RESISTOR-CARBON FILM 56Kohm 1/5W 5% T
R409	RCFT-E680J-000	RESISTOR-CARBON FILM 68ohm 1/5W 5% T
R410	RCFT-E680J-000	RESISTOR-CARBON FILM 68ohm 1/5W 5% T
R419	RCFT-E681J-000	RESISTOR-CARBON FILM 680ohm 1/5W 5% T
R420	RCFT-E681J-000	RESISTOR-CARBON FILM 680ohm 1/5W 5% T
R475	RCFT-E682J-000	RESISTOR-CARBON FILM 6.8Kohm 1/5W 5% T
R476	RCFT-E682J-000	RESISTOR-CARBON FILM 6.8Kohm 1/5W 5% T
R487	RCFT-E683J-000	RESISTOR-CARBON FILM 68Kohm 1/5W 5% T
R421	RCFT-E751J-000	RESISTOR-CARBON FILM 750ohm 1/5W 5% T
R422	RCFT-E751J-000	RESISTOR-CARBON FILM 750ohm 1/5W 5% T
R423	RCFT-E751J-000	RESISTOR-CARBON FILM 750ohm 1/5W 5% T
R424	RCFT-E751J-000	RESISTOR-CARBON FILM 750ohm 1/5W 5% T

Ref. No.	Part No.	Description
BLOCK FRONT PCB		
R443	RCFT-E820J-000	RESISTOR-CARBON FILM 82ohm 1/5W 5% T
R444	RCFT-E820J-000	RESISTOR-CARBON FILM 82ohm 1/5W 5% T
R445	RCFT-E820J-000	RESISTOR-CARBON FILM 82ohm 1/5W 5% T
R446	RCFT-E820J-000	RESISTOR-CARBON FILM 82ohm 1/5W 5% T
R461	RCFT-E820J-000	RESISTOR-CARBON FILM 82ohm 1/5W 5% T
R462	RCFT-E820J-000	RESISTOR-CARBON FILM 82ohm 1/5W 5% T
R457	RCFT-E821J-000	RESISTOR-CARBON FILM 820ohm 1/5W 5% T
R458	RCFT-E821J-000	RESISTOR-CARBON FILM 820ohm 1/5W 5% T
R459	RCFT-E821J-000	RESISTOR-CARBON FILM 820ohm 1/5W 5% T
R460	RCFT-E821J-000	RESISTOR-CARBON FILM 820ohm 1/5W 5% T
	RJWT-00000-AA0	RESISTOR-JUMPER WIRE 60mm-TX123 F 1
R467	RMFT-LR27J-0J0	RESISTOR-METAL PLATE 0.27ohm 5W 5% MPR
R468	RMFT-LR27J-0J0	RESISTOR-METAL PLATE 0.27ohm 5W 5% MPR
R447	RMOH-H470J-100	RESISTOR-METAL OXIDE PRO1 1W 470hm 5% R-SHAF
R448	RMOH-H470J-100	RESISTOR-METAL OXIDE PRO1 1W 470hm 5% R-SHAF
R449	RMOH-H470J-100	RESISTOR-METAL OXIDE PRO1 1W 470hm 5% R-SHAF
R450	RMOH-H470J-100	RESISTOR-METAL OXIDE PRO1 1W 470hm 5% R-SHAF
R801	RMOH-J221J-040	RESISTOR-METAL OXIDE 220ohm 2W 5% H
R802	RMOH-J221J-040	RESISTOR-METAL OXIDE 220ohm 2W 5% H
SW801	SWPU-00591-059	SWITCH-PUSH SDDL B13300
SW301	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW302	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW303	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW304	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW305	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW306	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW307	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW308	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW309	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW310	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW311	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW312	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW313	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW314	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW315	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW316	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW317	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW318	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
SW802	SWTA-00220-060	SWITCH-TACT THVV 502G AA 12V 50mA
Q423	TRSA-01450-SJ0	TRANSISTOR N-H FREQ 2SA1859A
Q424	TRSA-01450-SJ0	TRANSISTOR N-H FREQ 2SA1859A
Q421	TRSC-01540-SJ0	TRANSISTOR N-H FREQ 2SC4883A
Q422	TRSC-01540-SJ0	TRANSISTOR N-H FREQ 2SC4883A
Q401	TRTA-0011G-SD0	TRANSISTOR P-H FREQ KTA1268-GR TO92
Q402	TRTA-0011G-SD0	TRANSISTOR P-H FREQ KTA1268-GR TO92
Q403	TRTA-0011G-SD0	TRANSISTOR P-H FREQ KTA1268-GR TO92
Q404	TRTA-0011G-SD0	TRANSISTOR P-H FREQ KTA1268-GR TO92
Q405	TRTA-0011G-SD0	TRANSISTOR P-H FREQ KTA1268-GR TO92
Q406	TRTA-0011G-SD0	TRANSISTOR P-H FREQ KTA1268-GR TO92
Q407	TRTA-0011G-SD0	TRANSISTOR P-H FREQ KTA1268-GR TO92
Q408	TRTA-0011G-SD0	TRANSISTOR P-H FREQ KTA1268-GR TO92

Ref. No.	Part No.	Description		
BLOCK FRONT PCB				
Q413	TRTA-0011G-SD0	TRANSISTOR P-H FREQ	KTA1268-GR	TO92
Q414	TRTA-0011G-SD0	TRANSISTOR P-H FREQ	KTA1268-GR	TO92
Q431	TRTA-0011G-SD0	TRANSISTOR P-H FREQ	KTA1268-GR	TO92
Q415	TRTA-0013Y-SD0	TRANSISTOR N-H FREQ	KTA1024-Y	
Q416	TRTA-0013Y-SD0	TRANSISTOR N-H FREQ	KTA1024-Y	
Q409	TRTC-0015G-SD0	TRANSISTOR N-H FREQ	KTC3200-GR	TO92
Q410	TRTC-0015G-SD0	TRANSISTOR N-H FREQ	KTC3200-GR	TO92
Q411	TRTC-0015G-SD0	TRANSISTOR N-H FREQ	KTC3200-GR	TO92
Q412	TRTC-0015G-SD0	TRANSISTOR N-H FREQ	KTC3200-GR	TO92
Q429	TRTC-0015G-SD0	TRANSISTOR N-H FREQ	KTC3200-GR	TO92
Q430	TRTC-0015G-SD0	TRANSISTOR N-H FREQ	KTC3200-GR	TO92
Q301	TRTC-0016G-SD0	TRANSISTOR N-H FREQ	KTC3198-GR	TO92
Q432	TRTC-0016G-SD0	TRANSISTOR N-H FREQ	KTC3198-GR	TO92
Q433	TRTC-0016G-SD0	TRANSISTOR N-H FREQ	KTC3198-GR	TO92
Q434	TRTC-0016G-SD0	TRANSISTOR N-H FREQ	KTC3198-GR	TO92
Q417	TRTC-0087Y-SD0	TRANSISTOR N-H FREQ	KTC3206-Y	TO92L
Q418	TRTC-0087Y-SD0	TRANSISTOR N-H FREQ	KTC3206-Y	TO92L
Q302	TRTC-01700-SD0	TRANSISTOR N-H FREQ	KRC107M	W/RESIST TO92M
Q303	TRTC-01700-SD0	TRANSISTOR N-H FREQ	KRC107M	W/RESIST TO92M
Q304	TRTC-01700-SD0	TRANSISTOR N-H FREQ	KRC107M	W/RESIST TO92M
Q305	TRTC-01700-SD0	TRANSISTOR N-H FREQ	KRC107M	W/RESIST TO92M
Q306	TRTC-01700-SD0	TRANSISTOR N-H FREQ	KRC107M	W/RESIST TO92M
Q435	TRTC-01700-SD0	TRANSISTOR N-H FREQ	KRC107M	W/RESIST TO92M
	UA10-9M412-200	WIRE-ASS'Y	1007#20 WHT-120	10P
	UM08-A1033-000	WIRE-ASS'Y	1533#28/1007#26-150	10P
	UM08-41035-000	WIRE-ASS'Y	1533#28-180	4P
	U1T1-0GN20-T10	WIRE-ASS'Y	HIGH WRAP#22	BLK 200
	U208-2K815-000	WIRE-ASS'Y	20080#28	RED-150 2P
	U245-91327-450	WIRE-ASS'Y	1007#18-270	2P
	U508-4M716-200	WIRE-ASS'Y	1007#26	YEL-160 5P
	U710-6M742-200	WIRE-ASS'Y	1007#26	BLU-420
VR503	VRAE-P049W-104	VR-ROTARY	RK11K1160106-100KW	
VR501	VRAE-P050C-104	VR-ROTARY	RK14K1260106-100KCx2	
VR502	VRAE-P050C-104	VR-ROTARY	RK14K1260106-100KCx2	
BLOCK TUNER PCB				
CF602	BTCE-00040-107	FILTER-CERAMIC	SFE10.7MS2-A-TF21	
CF603	BTCE-00040-107	FILTER-CERAMIC	SFE10.7MS2-A-TF21	
CF604	BTCE-00450-045	FILTER-CERAMIC	AHCFM2-450AL	
C707	CCAT-F103Z-AAF	CAPACITOR CERAMIC	0.01uF	Z 25V F T
C708	CCAT-F103Z-AAF	CAPACITOR CERAMIC	0.01uF	Z 25V F T
C709	CCAT-F103Z-AAF	CAPACITOR CERAMIC	0.01uF	Z 25V F T
C710	CCAT-F103Z-AAF	CAPACITOR CERAMIC	0.01uF	Z 25V F T
C706	CCAT-F223Z-AAF	CAPACITOR CERAMIC	0.022uF	Z 25V F T
C620	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF	K 50V B T
C621	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF	K 50V B T
C626	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF	K 50V B T
C627	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF	K 50V B T
C628	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF	K 50V B T
C629	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF	K 50V B T
C640	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF	Z 50V F T

Ref. No.	Part No.	Description
BLOCK TUNER PCB		
C641	CCAT-J104Z-AAF	CAPACITOR CERAMIC 0.1uF Z 50V F T
C642	CCAT-J104Z-AAF	CAPACITOR CERAMIC 0.1uF Z 50V F T
C803	CCAT-J104Z-AAF	CAPACITOR CERAMIC 0.1uF Z 50V F T
C669	CCAT-J473Z-AAF	CAPACITOR CERAMIC 0.047uF Z 50V F T
C711	CCAT-J473Z-AAF	CAPACITOR CERAMIC 0.047uF Z 50V F T
C703	CCAT-J560J-AAZ	CAPACITOR CERAMIC 56PF J 50V SL T
C704	CCAT-J560J-AAZ	CAPACITOR CERAMIC 56PF J 50V SL T
C652	CCAT-J561K-AAB	CAPACITOR CERAMIC 560PF K 50V B T
C665	CCAT-J561K-AAB	CAPACITOR CERAMIC 560PF K 50V B T
C666	CCAT-J680J-AAZ	CAPACITOR CERAMIC 68PF J 50V SL T
C667	CCAT-J680J-AAZ	CAPACITOR CERAMIC 68PF J 50V SL T
C613	CCCT-J103Z-0DF	CAPACITOR CERAMIC 0.01uF Z 50V F T
C623	CCCT-J103Z-0DF	CAPACITOR CERAMIC 0.01uF Z 50V F T
C801	CCCT-J222K-0DB	CAPACITOR CERAMIC 2200PF K 50V B T
C802	CCCT-J222K-0DB	CAPACITOR CERAMIC 2200PF K 50V B T
C602	CCCT-J223Z-OFF	CAPACITOR CERAMIC 0.022uF Z 50V F T
C605	CCCT-J223Z-OFF	CAPACITOR CERAMIC 0.022uF Z 50V F T
C606	CCCT-J223Z-OFF	CAPACITOR CERAMIC 0.022uF Z 50V F T
C608	CCCT-J223Z-OFF	CAPACITOR CERAMIC 0.022uF Z 50V F T
C609	CCCT-J223Z-OFF	CAPACITOR CERAMIC 0.022uF Z 50V F T
C610	CCCT-J223Z-OFF	CAPACITOR CERAMIC 0.022uF Z 50V F T
C611	CCCT-J223Z-OFF	CAPACITOR CERAMIC 0.022uF Z 50V F T
C614	CCCT-J223Z-OFF	CAPACITOR CERAMIC 0.022uF Z 50V F T
C615	CCCT-J223Z-OFF	CAPACITOR CERAMIC 0.022uF Z 50V F T
C616	CCCT-J223Z-OFF	CAPACITOR CERAMIC 0.022uF Z 50V F T
C636	CCCT-J223Z-OFF	CAPACITOR CERAMIC 0.022uF Z 50V F T
C639	CCCT-J223Z-OFF	CAPACITOR CERAMIC 0.022uF Z 50V F T
C661	CCCT-J223Z-OFF	CAPACITOR CERAMIC 0.022uF Z 50V F T
C603	CCCT-J473Z-0JF	CAPACITOR CERAMIC 0.047uF Z 50V F T
C619	CCCT-J473Z-0JF	CAPACITOR CERAMIC 0.047uF Z 50V F T
C604	CCTT-J150J-0BC	CAPACITOR CERAMIC 15PF J 50V CH T
C625	CCTT-J300J-0CC	CAPACITOR CERAMIC 30PF J 50V CH T
C634	CCTT-J331J-0FZ	CAPACITOR CERAMIC 330PF J 50V SL T
C624	CCTT-J390J-0DC	CAPACITOR CERAMIC 39PF J 50V CH T
C651	CCTT-J681J-0BZ	CAPACITOR CERAMIC 680PF J 50V SL T
C645	CEET-E101M-DIO	CAPACITOR E/ALUMINUM 100uF M 16V 6.3x11 T
C705	CEET-E101M-DIO	CAPACITOR E/ALUMINUM 100uF M 16V 6.3x11 T
C601	CEET-F470M-CIO	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C612	CEET-F470M-CIO	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C618	CEET-F470M-CIO	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C622	CEET-F470M-CIO	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C638	CEET-F470M-CIO	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C701	CEET-F470M-CIO	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C702	CEET-F470M-CIO	CAPACITOR E/ALUMINUM 47uF M 25V 5x11 T
C607	CEET-G100M-CIO	CAPACITOR E/ALUMINUM 10uF M 35V 5x11 T
C647	CEET-G100M-CIO	CAPACITOR E/ALUMINUM 10uF M 35V 5x11 T
C648	CEET-G100M-CIO	CAPACITOR E/ALUMINUM 10uF M 35V 5x11 T
C664	CEET-G100M-CIO	CAPACITOR E/ALUMINUM 10uF M 35V 5x11 T
C663	CEET-JR22M-CIO	CAPACITOR E/ALUMINUM 0.22uF M 50V 5x11 T
C630	CEET-JR47M-CIO	CAPACITOR E/ALUMINUM 0.47uF M 50V 5x11 T
C632	CEET-J1R0M-CIO	CAPACITOR E/ALUMINUM 1.0uF M 50V 5x11 T

Ref. No.	Part No.	Description
BLOCK TUNER PCB		
C644	CEET-J1R0M-C10	CAPACITOR E/ALUMINUM 1.0uF M 50V 5x11 T
C662	CEET-J1R0M-C10	CAPACITOR E/ALUMINUM 1.0uF M 50V 5x11 T
C633	CEET-J3R3M-C10	CAPACITOR E/ALUMINUM 3.3uF M 50V 5x11 T
C617	CEET-J4R7M-C10	CAPACITOR E/ALUMINUM 4.7uF M 50V 5x11 T
C631	CEET-J4R7M-C10	CAPACITOR E/ALUMINUM 4.7uF M 50V 5x11 T
C643	CEET-J4R7M-C10	CAPACITOR E/ALUMINUM 4.7uF M 50V 5x11 T
C650	CEET-J4R7M-C10	CAPACITOR E/ALUMINUM 4.7uF M 50V 5x11 T
C668	CEET-J4R7M-C10	CAPACITOR E/ALUMINUM 4.7uF M 50V 5x11 T
C670	CFMT-N223J-EK0	CAPACITOR F/POLYESTR 0.022uF J 100V 7.4x13 T
C637	CFMT-N332J-DJ0	CAPACITOR F/POLYESTR 0.0033uF J 100V 5.8x12 T
C646	CFMT-N393J-FK0	CAPACITOR F/POLYESTR 0.039uF J 100V 8.5x13. T
C671	CFST-O471J-CJ0	CAPACITOR F/STYROL 470PF J 125V 5.5x12 T
VD601	DDSV-00120-S10	DIODE-VVC SVC321SPA-C2 AM8V DO40S
VD602	DDSV-00120-S10	DIODE-VVC SVC321SPA-C2 AM8V DO40S
D601	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D801	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
D802	DDTS-00070-SO0	DIODE-SI 1SS133 (40V 0.11A) DO-40 T
ZD601	DDTZ-G051B-SOS	DIODE ZENER MTZJ5.1B 4.94-5.20 DO34 T
D701	DDTZ-G062B-SOS	DIODE ZENER MTZJ6.2B 5.96-6.27 DO34 T
IC701	ICDG-00560-SO0	IC MOTOR DRIVER BA6208 SIP9
IC603	ICLN-03610-S10	IC PLL FM MPX LA3401 DIP22
IC604	ICLN-03620-S10	IC AM/FM IF LA1266 DIP24
IC602	ICLN-03680-S10	IC PLL LC7218JM SOP-24
T606	IFFA-00110-E20	IFT-FM AFA011 7mm-CAN
T604	IFFD-00100-E20	IFT-FM DET AFD010 7mm-CAN
T605	KIAA-00260-E20	COIL-AM IFT AAA-026 7MC-K502713N4-KR
T603	KIAO-00460-E20	COIL-AM OSC AAO046 MW 7mm - CAN
T607	KIAT-00530-E20	COIL-AM ANT AAT053 MW 7mm - CAN
T601	KIML-A0010-E20	COIL-FM MPX FILTER AMA001 19KHz 10mm-CAN
T602	KIML-A0010-E20	COIL-FM MPX FILTER AMA001 19KHz 10mm-CAN
CN702	KNCW-00160-5S9	CONNECTOR-WAFER 53015-0510 2mm-WHT
CN701	KNCW-00240-AT9	CONNECTOR-WAFER 53014-10 2.0mm WHT
CW701	KNCW-00240-AT9	CONNECTOR-WAFER 53014-10 2.0mm WHT
CN703	KNCW-00240-2T9	CONNECTOR-WAFER 53014-02 2.0mm WHT
CW802	KNCW-00240-2T9	CONNECTOR-WAFER 53014-02 2.0mm WHT
TP601	KNCW-01490-2T9	CONNECTOR-WAFER JE115-AT-02P
TP602	KNCW-01490-2T9	CONNECTOR-WAFER JE115-AT-02P
TP603	KNCW-01490-2T9	CONNECTOR-WAFER JE115-AT-02P
CH602	KNCW-01510-ES9	CONNECTOR-WAFER 35237-1410 2M/M 14P
X601	KTAL-00041-072	CRYSTAL HC-49/U 7.200000MHz
CF605	KTRE-00300-288	RESONATOR ZTB456F11
R655	PCSR-01440-31B	PCB-SINGLE A3R-144 247x197x1.6t
R613	RCFT-E101J-000	RESISTOR-CARBON FILM 100ohm 1/5W 5% T
R629	RCFT-E101J-000	RESISTOR-CARBON FILM 100ohm 1/5W 5% T
R634	RCFT-E101J-000	RESISTOR-CARBON FILM 100ohm 1/5W 5% T
R639	RCFT-E101J-000	RESISTOR-CARBON FILM 100ohm 1/5W 5% T
R648	RCFT-E101J-000	RESISTOR-CARBON FILM 100ohm 1/5W 5% T
R651	RCFT-E101J-000	RESISTOR-CARBON FILM 100ohm 1/5W 5% T
R673	RCFT-E101J-000	RESISTOR-CARBON FILM 100ohm 1/5W 5% T
R603	RCFT-E102J-000	RESISTOR-CARBON FILM 1Kohm 1/5W 5% T
R611	RCFT-E102J-000	RESISTOR-CARBON FILM 1Kohm 1/5W 5% T

Ref. No.	Part No.	Description
BLOCK TUNER PCB		
R618	RCFT-E102J-000	RESISTOR-CARBON FILM 1Kohm 1/5W 5% T
R636	RCFT-E102J-000	RESISTOR-CARBON FILM 1Kohm 1/5W 5% T
R637	RCFT-E102J-000	RESISTOR-CARBON FILM 1Kohm 1/5W 5% T
R638	RCFT-E102J-000	RESISTOR-CARBON FILM 1Kohm 1/5W 5% T
R654	RCFT-E102J-000	RESISTOR-CARBON FILM 1Kohm 1/5W 5% T
R658	RCFT-E102J-000	RESISTOR-CARBON FILM 1Kohm 1/5W 5% T
R703	RCFT-E102J-000	RESISTOR-CARBON FILM 1Kohm 1/5W 5% T
R704	RCFT-E102J-000	RESISTOR-CARBON FILM 1Kohm 1/5W 5% T
R620	RCFT-E103J-000	RESISTOR-CARBON FILM 10Kohm 1/5W 5% T
R622	RCFT-E103J-000	RESISTOR-CARBON FILM 10Kohm 1/5W 5% T
R625	RCFT-E103J-000	RESISTOR-CARBON FILM 10Kohm 1/5W 5% T
R640	RCFT-E103J-000	RESISTOR-CARBON FILM 10Kohm 1/5W 5% T
R643	RCFT-E103J-000	RESISTOR-CARBON FILM 10Kohm 1/5W 5% T
R604	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R605	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R612	RCFT-E122J-000	RESISTOR-CARBON FILM 1.2Kohm 1/5W 5% T
R675	RCFT-E124J-000	RESISTOR-CARBON FILM 120Kohm 1/5W 5% T
R677	RCFT-E124J-000	RESISTOR-CARBON FILM 120Kohm 1/5W 5% T
R653	RCFT-E152J-000	RESISTOR-CARBON FILM 1.5Kohm 1/5W 5% T
R671	RCFT-E152J-000	RESISTOR-CARBON FILM 1.5Kohm 1/5W 5% T
R803	RCFT-E152J-000	RESISTOR-CARBON FILM 1.5Kohm 1/5W 5% T
R804	RCFT-E152J-000	RESISTOR-CARBON FILM 1.5Kohm 1/5W 5% T
R628	RCFT-E182J-000	RESISTOR-CARBON FILM 1.8Kohm 1/5W 5% T
R676	RCFT-E184J-000	RESISTOR-CARBON FILM 180Kohm 1/5W 5% T
R678	RCFT-E184J-000	RESISTOR-CARBON FILM 180Kohm 1/5W 5% T
R626	RCFT-E220J-000	RESISTOR-CARBON FILM 22ohm 1/5W 5% T
R630	RCFT-E220J-000	RESISTOR-CARBON FILM 22ohm 1/5W 5% T
R615	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R616	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R679	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R614	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R642	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R650	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R619	RCFT-E271J-000	RESISTOR-CARBON FILM 270ohm 1/5W 5% T
R705	RCFT-E271J-000	RESISTOR-CARBON FILM 270ohm 1/5W 5% T
R627	RCFT-E273J-000	RESISTOR-CARBON FILM 27Kohm 1/5W 5% T
R607	RCFT-E331J-000	RESISTOR-CARBON FILM 330ohm 1/5W 5% T
R608	RCFT-E331J-000	RESISTOR-CARBON FILM 330ohm 1/5W 5% T
R609	RCFT-E332J-000	RESISTOR-CARBON FILM 3.3Kohm 1/5W 5% T
R635	RCFT-E332J-000	RESISTOR-CARBON FILM 3.3Kohm 1/5W 5% T
R652	RCFT-E332J-000	RESISTOR-CARBON FILM 3.3Kohm 1/5W 5% T
R672	RCFT-E332J-000	RESISTOR-CARBON FILM 3.3Kohm 1/5W 5% T
R674	RCFT-E332J-000	RESISTOR-CARBON FILM 3.3Kohm 1/5W 5% T
R606	RCFT-E4R7J-000	RESISTOR-CARBON FILM 4.7ohm 1/5W 5% T
R621	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R623	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R631	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R632	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R633	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R646	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R624	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T

Ref. No.	Part No.	Description
BLOCK TUNER PCB		
R647	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R649	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R610	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R644	RCFT-E622J-000	RESISTOR-CARBON FILM 6.2Kohm 1/5W 5% T
R617	RCFT-E683J-000	RESISTOR-CARBON FILM 68Kohm 1/5W 5% T
R702	RCFT-E821J-000	RESISTOR-CARBON FILM 820ohm 1/5W 5% T
R645	RCFT-E823J-000	RESISTOR-CARBON FILM 82Kohm 1/5W 5% T
R655	RCFT-G471J-190	RESISTOR-CARBON FILM 470ohm 1/2W 5% 2.3x6.5 T
	RJWT-00000-AA0	RESISTOR-JUMPER WIRE 60mm-TX123 F
R701	RMOH-H820J-100	MOR PRO1 1W 82ohm 5% R-SHAP
JK801	SKPH-00293-66W	SOCKET-PHONE HTJ064-05BG GOLD
ANT601	TEAT-00143-02S	TERMINAL ANTENNA SC021039FN
Q602	TRTA-00940-SD0	TRANSISTOR P-H FREQ KRA107M W/RESIST TO92M
Q604	TRTA-00940-SD0	TRANSISTOR P-H FREQ KRA107M W/RESIST TO92M
Q606	TRTA-00940-SD0	TRANSISTOR P-H FREQ KRA107M W/RESIST TO92M
Q609	TRTA-00940-SD0	TRANSISTOR P-H FREQ KRA107M W/RESIST TO92M
Q601	TRTC-0010Y-SD0	TRANSISTOR N-H FREQ KTC3194-Y TO92
Q607	TRTC-0016G-SD0	TRANSISTOR N-H FREQ KTC3198-GR TO92
Q608	TRTC-0016G-SD0	TRANSISTOR N-H FREQ KTC3198-GR TO92
Q610	TRTC-0016G-SD0	TRANSISTOR N-H FREQ KTC3198-GR TO92
Q701	TRTC-01060-SD0	TRANSISTOR N-H FREQ KTC3203 TO92
Q702	TRTC-01700-SD0	TRANSISTOR N-H FREQ KRC107M W/RESIST TO92M
Q603	TRTD-00200-SD0	TRANSISTOR N-L FREQ KTD-1302 TO92
Q605	TRTD-00200-SD0	TRANSISTOR N-L FREQ KTD-1302 TO92
FE601	TUFF-00232-00K	FM F/E TUNER FTA3-509HA
	UM08-A1034-000	WIRE-ASS'Y 1533#28/1007#26-200 10P
	U310-2M530-200	WIRE-ASS'Y 1007#22 RED-300 3P
CT601	VCTC-00022-200	TRIMMER CVCN06C200
VR602	VFEB-A021B-224	RESISTOR-SEMI FIXED RH0638C-220KB 220Kohm
VR603	VFEB-A021B-472	RESISTOR-SEMI FIXED RH0638C-4.7KB 4.7Kohm
VR601	VFEB-A021B-473	RESISTOR-SEMI FIXED RH0638C-47KB 47Kohm
MV701	VWBD-E017A-503	VR-W/MOTOR RK16812MG-50KAx2

Ref. No.	Part No.	Description	
BLOCK SUB			
	ZBNG-00700-4ZL	BOND-ADHESIVE	#575
	ZBNG-01300-5ZL	LOCKER-SCREW	#1401B
#	ZGSI-01000-9PN	GREASE-SILICON	G-746
	ZSBR-00010-060	SOLDER-BAR	SN60
#	ZSWR-00010-F60	SOLDER-WIRE	D1.0 SN60
#	ZTOP-00701-50C	TAPE-OPP	
	ZTWF-01200-039	TAPE-DOUBLE FACE	TESA 4968 W = 3.0 t=0.32
#	ZZFX-00010-000	FLUX	ROSIN 28
	ZZTH-00010-000	DILUENT	ROSIN
BLOCK MECHA			
	ACRC-00680-000	ASS'Y-REMOCON	HK3470RC (U. S. A)
	ANTL-00060-E50	ANTENNA-LOOP	AAN-007 19.5uH 7T 125x93
	ANTT-00054-075	ANTENNA-T TYPE	75ohm W/TER(Y)-1200m/m
	BAMN-00010-150	BATTERY MANGANESE	R03(AAAM) 1.5V 10.5x44.5
	FGFB-O2002-831	FUSE GLASS	2A 125V 51S
	FGFB-O3151-831	FUSE GLASS	315mA 125V 5x20 U/C SB
	FGFB-O8002-331	FUSE GLASS	8A 125V 5x20 U/C SB
	KDAC-0575D-H00	CORD-AC	KKP-10W WITH CORE
	LLA3-20401-E10	CARD CABLE	1.25x20Px360xCx(0.1x0.8)
	MAAF-03600-022	WINDOW-FL	HK3470RDS ACRYL T=3.0 (I
	MAAF-16130-014	LENS-VOLUME	HK3370 PMMA(IF-850)
	MAAF-16990-014	LENS-POWER	HK3370 ACRYL
	MAAF-17040-014	FILTER-FL	HK3370 PVC T0.5
	MAAF-17070-004	SHEET-WINDOW	PE(DRAFTING FILM)
	MEAC-05060-002	RADIATOR-MAIN	A6063 T-5+AL
	MJAF-03580-012	KNOB-FUNCTION	HK3370 ABS
	MJAF-06570-011	PANEL-FRONT	HK3370 ABS
	MJAF-08870-013	KNOB-CHOICE	HK3370 ABS
	MJAF-08880-013	DECO-CHOICE	HK3370 ABS
	MJAF-15640-014	FOOT(A)	AVR200
	MJAF-16050-024	KNOB-STANDBY	HK3470RDS ABS-720
	MJAF-16070-024	KNOB-BALANCE	HK3470RDS ABS-720
	MJAF-16100-024	KNOB-VOLUME	HK3470RDS ABS-720
	MJAF-16140-004	SUPPORT-PCB	ABS-720
	MJAF-16980-014	KNOB-POWER	HK3370 ABS
	MJAF-17030-004	GUIDE-LED	ABS
	MJAG-00280-003	CORD-BUSH	NIFCO
	MJAG-04540-004	CABLE-TIE-L80	*
	MLAG-13850-014	BADGE-H/K	HK3370 AL
	MMAC-12060-004	TERMINAL-GND	
	MMAC-15650-004	SCREW-RADIATOR	
	MMAC-16400-004	SCREW-T/P-TOOTH	3X10 BLACK
	MMAC-17070-004	JACK-CONNECT	
	MMSC-00900-004	AIR-STAPLER	
	MMTC-00751-003	SCREW-TAPPING	BHW T2T 3x8 FE-ZY
	MPAC-04812-002	CHASSIS-BOTTOM	US COATING T1.2
	MPAC-04950-012	CHASSIS-TOP	AVR200 SECC(T0.6) + P
	MPAC-05040-022	CHASSIS-BACK	HK3470 SECC T0.8
	MPAC-16220-004	BRACKET-RADIATOR(S)	US COATING T1.0
	MPAC-16880-004	SHIELD-BALANCE	ET-HD T0.5
	MRAG-13040-004	CUSHION-A	FELT 437x10x0.5 S
	MRAG-13050-004	CUSHION-A	FELT 250x10x0.5 S
	MRAG-13250-004	CUSHION-A	EVA T=5.0
	MRAG-13930-004	TRANSISTOR-MICA	MICA

Ref. No.	Part No.	Description	
BLOCK MECHA			
	MWAW-00910-003	PALLETS	1040X1126X141
	PLRC-00020-S30	PLUG RCA	SHORT JACK
	PTAP-03770-CJU	TRANSFORMER-POWER	A96-377C-U,AC120V 60Hz
	TFMA-00100-D00	TRANSFORMER-MATCHING	MT115050 300ohm & 75ohm
	TRSA-01770-SD0	TRANSISTOR P-H FREQ	2SA1943
	TRSA-01780-SD0	TRANSISTOR N-H FREQ	2SC5200
Q209	TRSC-01680-SB0	TRANSISTOR N-H FREQ	2SC4137 TO-126FP
Q224	TRSC-01680-SB0	TRANSISTOR N-H FREQ	2SC4137 TO-126FP
Q239	TRSC-01680-SB0	TRANSISTOR N-H FREQ	2SC4137 TO-126FP
Q254	TRSC-01680-SB0	TRANSISTOR N-H FREQ	2SC4137 TO-126FP
Q269	TRSC-01680-SB0	TRANSISTOR N-H FREQ	2SC4137 TO-126FP
	U348-9B350-480	WIRE-ASS'Y	1618#18-500 WHT 3P
	VSPO-00010-100	POSISTOR	P42T8D100BW23
	XSTB-30080-ZB4	SCREW-TAPPING	BHT2T 3x8 FE-ZB
	XSTB-30080-ZY4	SCREW-TAPPING	BHT2T 3x8 FE-ZY
	XSTB-30100-ZB4	SCREW-TAPPING	BHT2T 3x10 FE-ZB
	XSTB-30100-ZY4	SCREW-TAPPING	BHT2T 3x10 FE-ZY
	XSTB-40080-ZB8	SCREW-TAPPING	BHT3T 4x8 FE-ZB
	XSTB-40080-ZY8	SCREW-TAPPING	BHT3T 4x8 FE-ZY
	XSTS-30080-ZY4	SCREW-TAPPING	PHWT2T 3x8 FE-ZY
	XSTS-30180-ZY4	SCREW-TAPPING	PHWT2T 3x18 FE-ZY
	YGAP-14860-064	BOX-GIFT	HK3470 535X480X231 DW
	YSAP-12070-002	CUSHION-L/R	EPS
	YVAP-01862-004	POLY-BAG-F	*
	YVAP-13320-004	TOLON-SHEET	750x1200 0.5t
	7JJG-00212-001	PACKING WRAP	500mm*1400m

BLOCK MAIN PCB			
C184	CACS-S472M-179	CAPACITOR AC	DE7100F472M
C134	CCAT-F103Z-AAF	CAPACITOR CERAMIC	0.01uF Z 25V F T
C191	CCAT-F223Z-AAF	CAPACITOR CERAMIC	0.022uF Z 25V F T
C192	CCAT-F223Z-AAF	CAPACITOR CERAMIC	0.022uF Z 25V F T
C101	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF K 50V B T
C102	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF K 50V B T
C119	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF K 50V B T
C120	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF K 50V B T
C158	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF K 50V B T
C141	CCAT-J102K-AAB	CAPACITOR CERAMIC	1000PF K 50V B T
C142	CCAT-J102K-AAB	CAPACITOR CERAMIC	1000PF K 50V B T
C175	CCAT-J102K-AAB	CAPACITOR CERAMIC	1000PF K 50V B T
C176	CCAT-J102K-AAB	CAPACITOR CERAMIC	1000PF K 50V B T
C190	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF Z 50V F T
C202	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF Z 50V F T
C135	CCAT-J473Z-AAF	CAPACITOR CERAMIC	0.047uF Z 50V F T
C136	CCAT-J473Z-AAF	CAPACITOR CERAMIC	0.047uF Z 50V F T
C137	CCAT-J473Z-AAF	CAPACITOR CERAMIC	0.047uF Z 50V F T
C196	CCCT-J104Z-OFF	CAPACITOR CERAMIC	0.1uF Z 50V F T
C206	CEEM-G222M-LR1	CAPACITOR E/ALUMINUM	2200uF M 35V 16x31.5 U M
C207	CEEM-G222M-LR1	CAPACITOR E/ALUMINUM	2200uF M 35V 16x31.5 U M
C143	CEET-D101M-CI0	CAPACITOR E/ALUMINUM	100uF M 10V 5x11 T
C144	CEET-D101M-CI0	CAPACITOR E/ALUMINUM	100uF M 10V 5x11 T
C200	CEET-E471M-FI1	CAPACITOR E/ALUMINUM	470uF M 16V 8x11.5 U T
C188	CEET-F102M-HN0	CAPACITOR E/ALUMINUM	1000uF M 25V 13x16 T
C232	CEET-F220M-CI0	CAPACITOR E/ALUMINUM	22uF M 25V 5x11 T
C153	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF M 25V 5x11 T

Ref. No.	Part No.	Description				
BLOCK MAIN PCB						
C154	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M	25V 5x11	T
C155	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M	25V 5x11	T
C156	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M	25V 5x11	T
C161	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M	25V 5x11	T
C162	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M	25V 5x11	T
C163	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M	25V 5x11	T
C164	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M	25V 5x11	T
C167	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M	25V 5x11	T
C168	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M	25V 5x11	T
C169	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M	25V 5x11	T
C170	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M	25V 5x11	T
C179	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M	25V 5x11	T
C180	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M	25V 5x11	T
C210	CEET-G221M-HJ1	CAPACITOR E/ALUMINUM	220uF	M	35V 10x12.5	U T
C157	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM	1.0uF	M	50V 5x11	T
C181	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM	1.0uF	M	50V 5x11	T
C183	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM	1.0uF	M	50V 5x11	T
C189	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM	1.0uF	M	50V 5x11	T
C201	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM	1.0uF	M	50V 5x11	T
C208	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM	1.0uF	M	50V 5x11	T
C209	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM	1.0uF	M	50V 5x11	T
C218	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM	1.0uF	M	50V 5x11	T
C219	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM	1.0uF	M	50V 5x11	T
C120	CEET-J221M-HL1	CAPACITOR E/ALUMINUM	220uF	M	50V 10x16	U T
C193	CEET-J221M-HL1	CAPACITOR E/ALUMINUM	220uF	M	50V 10x16	U T
C139	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF	M	50V 5x11	T
C140	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF	M	50V 5x11	T
C149	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF	M	50V 5x11	T
C150	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF	M	50V 5x11	T
C159	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF	M	50V 5x11	T
C160	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF	M	50V 5x11	T
C165	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF	M	50V 5x11	T
C166	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF	M	50V 5x11	T
C171	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF	M	50V 5x11	T
C172	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF	M	50V 5x11	T
C173	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF	M	50V 5x11	T
C174	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF	M	50V 5x11	T
C177	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF	M	50V 5x11	T
C178	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF	M	50V 5x11	T
C194	CEET-J470M-DI0	CAPACITOR E/ALUMINUM	47uF	M	50V 6.3x11	T
C195	CEET-J470M-DI0	CAPACITOR E/ALUMINUM	47uF	M	50V 6.3x11	T
C216	CEEZ-L154M-SW2	CAPACITOR E/ALUMINUM	15000uF	M	63V 35x60	
C217	CEEZ-L154M-SW2	CAPACITOR E/ALUMINUM	15000uF	M	63V 35x60	
C138	CFMT-L334J-EGN	CAPACITOR F/POLYESTR	EB 0.33uF	J	50V 7.2x9.5	T
C197	CFMT-N103J-DE0	CAPACITOR F/POLYESTR	0.01uF	J	100V 6x7	T
C198	CFMT-N103J-DE0	CAPACITOR F/POLYESTR	0.01uF	J	100V 6x7	T
C199	CFMT-N103J-DE0	CAPACITOR F/POLYESTR	0.01uF	J	100V 6x7	T
C203	CFMT-N103J-DE0	CAPACITOR F/POLYESTR	0.01uF	J	100V 6x7	T
C204	CFMT-N103J-DE0	CAPACITOR F/POLYESTR	0.01uF	J	100V 6x7	T
C205	CFMT-N103J-DE0	CAPACITOR F/POLYESTR	0.01uF	J	100V 6x7	T
C145	CFMT-N152J-CJ0	CAPACITOR F/POLYESTR	0.0015uF	J	100V 5.4x12	T
C146	CFMT-N152J-CJ0	CAPACITOR F/POLYESTR	0.0015uF	J	100V 5.4x12	T
C151	CFMT-N182J-CJ0	CAPACITOR F/POLYESTR	0.0018uF	J	100V 5.5x12	T
C152	CFMT-N182J-CJ0	CAPACITOR F/POLYESTR	0.0018uF	J	100V 5.5x12	T
C185	CFMT-N473J-GK0	CAPACITOR F/POLYESTR	0.047uF	J	100V 8.9x13.	T

Ref. No.	Part No.	Description	
BLOCK MAIN PCB			
C186	CFMT-N473J-GK0	CAPACITOR F/POLYESTR	0.047uF J 100V 8.9x13. T
C187	CFMT-N473J-GK0	CAPACITOR F/POLYESTR	0.047uF J 100V 8.9x13. T
C220	CFMT-N473J-GK0	CAPACITOR F/POLYESTR	0.047uF J 100V 8.9x13. T
C221	CFMT-N473J-GK0	CAPACITOR F/POLYESTR	0.047uF J 100V 8.9x13. T
C222	CFMT-N473J-GK0	CAPACITOR F/POLYESTR	0.047uF J 100V 8.9x13. T
C223	CFMT-N473J-GK0	CAPACITOR F/POLYESTR	0.047uF J 100V 8.9x13. T
C147	CFMT-N562J-DJ0	CAPACITOR F/POLYESTR	0.0056uF J 100V 5.8x12 T
C148	CFMT-N562J-DJ0	CAPACITOR F/POLYESTR	0.0056uF J 100V 5.8x12 T
C211	CFMT-S104K-GI0	CAPACITOR F/POLYESTR	0.1uF K 250V 9.5x11 TL
C212	CFMT-S104K-GI0	CAPACITOR F/POLYESTR	0.1uF K 250V 9.5x11 TL
C213	CFMT-S104K-GI0	CAPACITOR F/POLYESTR	0.1uF K 250V 9.5x11 TL
C214	CFMT-S104K-GI0	CAPACITOR F/POLYESTR	0.1uF K 250V 9.5x11 TL
C215	CFMT-S104K-GI0	CAPACITOR F/POLYESTR	0.1uF K 250V 9.5x11 TL
D101	DDMR-00230-T10	DIODE-RECTIFIER	GP60-04F(400V 6A)
D102	DDMR-00230-T10	DIODE-RECTIFIER	GP60-04F(400V 6A)
D103	DDMR-00230-T10	DIODE-RECTIFIER	GP60-04F(400V 6A)
D104	DDMR-00230-T10	DIODE-RECTIFIER	GP60-04F(400V 6A)
D105	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D106	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D107	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D108	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D109	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D110	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D113	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D114	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D115	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D116	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D117	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D118	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D119	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D120	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D121	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D122	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D125	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D126	DDTR-00040-T10	DIODE-RECTIFIER	1N4004S(400V 1A 0.6mm) T
D123	DDTS-00070-SO0	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D124	DDTS-00070-SO0	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D111	DDTZ-G150C-SO0	DIODE ZENER	MTZ15C 14.35-15.09 DO40 T
D112	DDTZ-G180C-SO0	DIODE ZENER	MTZ18C 17.42-18.33 DO40 T
RL101	ESRY-00340-112	RELAY	SDT-S-112DMR
RL104	ESRY-00350-121	RELAY	V23105-A5003-A201
RL102	ESRY-00370-24U	RELAY	OSA-SS-224DM3(24V DC)
RL103	ESRY-00370-24U	RELAY	OSA-SS-224DM3(24V DC)
IC102	ICDG-00260-S10	IC FUNCTION SELECTOR	LC7821 DIP30S
IC104	ICOP-00131-SE0	IC DUAL OP AMP	KA4558C DIP8
IC105	ICOP-00131-SE0	IC DUAL OP AMP	KA4558C DIP8
IC106	ICOP-00131-SE0	IC DUAL OP AMP	KA4558C DIP8
IC107	ICOP-00131-SE0	IC DUAL OP AMP	KA4558C DIP8
IC101	ICOP-00432-SG0	IC OP AMP	NJM2068DD DIP8
IC103	ICOP-00432-SG0	IC OP AMP	NJM2068DD DIP8
IC108	ICPC-00010-TB0	IC PHOTOCOUPLER	LTV817B DIP4
IC109	ICRG-00043-SE0	IC REGULATOR	KA7805 5V 3mm TO-220
IC110	ICRG-00043-SE0	IC REGULATOR	KA7805 5V 3mm TO-220
IC111	ICRG-00061-SE0	IC REGULATOR	KA7815 15V 3mm TO-220
IC112	ICRG-00251-SE0	IC REGULATOR	KA7915 15V 3mm TO-220

Ref. No.	Part No.	Description	
BLOCK MAIN PCB			
L101	K10T-4470K-003	COIL-INDUCTOR	47uH K LAL02 T
L102	K10T-4470K-003	COIL-INDUCTOR	47uH K LAL02 T
CN107	KNCW-00140-ATM	CONNECTOR-WAFER	5267-10A 2.5mm MILK
CN106	KNCW-00140-3TM	CONNECTOR-WAFER	5267-03A 2.5mm MILK
CN105	KNCW-00140-6TM	CONNECTOR-WAFER	5267-06A 2.5mm MILK
CN113	KNCW-00140-7TM	CONNECTOR-WAFER	5267-07A 2.5mm MILK
CN109	KNCW-00240-AT9	CONNECTOR-WAFER	53014-10 2.0mm WHT
CN108	KNCW-00240-4T9	CONNECTOR-WAFER	53014-04 2.0mm WHT
CN115	KNCW-00823-KT9	CONNECTOR WAFER	6216-20PST
CN111	KNCW-00970-2T9	CONNECTOR-WAFER	JE202-1T-2P
CN112	KNCW-00970-2T9	CONNECTOR-WAFER	JE202-1T-2P
CN104	KNCW-00970-3T9	CONNECTOR-WAFER	JE202-1T-3P
CN101	KNCW-00990-2T9	CONNECTOR-WAFER	JE202A-1T-02
CN102	KNCW-00990-2T9	CONNECTOR-WAFER	JE202A-1T-02
CN103	KNCW-00990-2T9	CONNECTOR-WAFER	JE202A-1T-02
CN114	KNCW-01520-ES9	CONNECTOR-WAFER	35336-1410 20MM 14P
	MEAC-08215-004	RADIATOR-TR	
	MEAC-12693-004	HEAT-SINK(TR)	
GT101	MPAC-03810-004	TERMINAL-GND	ET-HD T0.3
GT102	MPAC-03810-004	TERMINAL-GND	ET-HD T0.3
GT103	MPAC-03810-004	TERMINAL-GND	ET-HD T0.3
FC101	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC102	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC103	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC104	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC107	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC108	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC109	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC110	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC111	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
FC112	MPAC-11620-004	FUSE CLIP	5.2Pi TAPPING TYPE
PCB1	PCSR-05390-11B	PCB-SINGLE	A1R-539 330x247x1.6t
PT101	PTA1-03680-CJU	TRANSFORMER-POWER	A28-368C-U
R226	RCFT-E101J-000	RESISTOR-CARBON FILM	100ohm 1/5W 5% T
R101	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R102	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R138	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R139	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R140	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R149	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R153	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R154	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R159	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R160	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R179	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R191	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R199	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R240	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R147	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R148	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R167	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R169	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R170	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R172	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R177	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T

Ref. No.	Part No.	Description
BLOCK MAIN PCB		
R178	RCFT-E103J-000	RESISTOR-CARBON FILM 10Kohm 1/5W 5% T
R239	RCFT-E103J-000	RESISTOR-CARBON FILM 10Kohm 1/5W 5% T
R119	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R120	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R121	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R122	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R131	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R132	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R137	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R145	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R146	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R157	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R158	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R163	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R164	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R190	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R198	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R203	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R204	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R207	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R208	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R213	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R214	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R221	RCFT-E123J-000	RESISTOR-CARBON FILM 12Kohm 1/5W 5% T
R174	RCFT-E151J-000	RESISTOR-CARBON FILM 150ohm 1/5W 5% T
R215	RCFT-E152J-000	RESISTOR-CARBON FILM 1.5Kohm 1/5W 5% T
R216	RCFT-E152J-000	RESISTOR-CARBON FILM 1.5Kohm 1/5W 5% T
R173	RCFT-E202J-000	RESISTOR-CARBON FILM 2Kohm 1/5W 5% T
R209	RCFT-E202J-000	RESISTOR-CARBON FILM 2Kohm 1/5W 5% T
R210	RCFT-E202J-000	RESISTOR-CARBON FILM 2Kohm 1/5W 5% T
R180	RCFT-E220J-000	RESISTOR-CARBON FILM 22ohm 1/5W 5% T
R181	RCFT-E220J-000	RESISTOR-CARBON FILM 22ohm 1/5W 5% T
R115	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R116	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R117	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R118	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R133	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R134	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R135	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R136	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R155	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R156	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R165	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R166	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R202	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R217	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R218	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R200	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R211	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R212	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R230	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R232	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R243	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R244	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R151	RCFT-E224J-000	RESISTOR-CARBON FILM 220Kohm 1/5W 5% T

Ref. No.	Part No.	Description
BLOCK MAIN PCB		
R152	RCFT-E224J-000	RESISTOR-CARBON FILM 220Kohm 1/5W 5% T
R183	RCFT-E271J-000	RESISTOR-CARBON FILM 270ohm 1/5W 5% T
R185	RCFT-E271J-000	RESISTOR-CARBON FILM 270ohm 1/5W 5% T
R187	RCFT-E271J-000	RESISTOR-CARBON FILM 270ohm 1/5W 5% T
R189	RCFT-E271J-000	RESISTOR-CARBON FILM 270ohm 1/5W 5% T
R193	RCFT-E271J-000	RESISTOR-CARBON FILM 270ohm 1/5W 5% T
R195	RCFT-E271J-000	RESISTOR-CARBON FILM 270ohm 1/5W 5% T
R197	RCFT-E271J-000	RESISTOR-CARBON FILM 270ohm 1/5W 5% T
R225	RCFT-E271J-000	RESISTOR-CARBON FILM 270ohm 1/5W 5% T
R235	RCFT-E3R3J-000	RESISTOR-CARBON FILM 3.3ohm 1/5W 5% T
R236	RCFT-E3R3J-000	RESISTOR-CARBON FILM 3.3ohm 1/5W 5% T
R222	RCFT-E332J-000	RESISTOR-CARBON FILM 3.3Kohm 1/5W 5% T
R223	RCFT-E332J-000	RESISTOR-CARBON FILM 3.3Kohm 1/5W 5% T
R224	RCFT-E332J-000	RESISTOR-CARBON FILM 3.3Kohm 1/5W 5% T
R161	RCFT-E392J-000	RESISTOR-CARBON FILM 3.9Kohm 1/5W 5% T
R162	RCFT-E392J-000	RESISTOR-CARBON FILM 3.9Kohm 1/5W 5% T
R227	RCFT-E392J-000	RESISTOR-CARBON FILM 3.9Kohm 1/5W 5% T
R176	RCFT-E4R7J-000	RESISTOR-CARBON FILM 4.7ohm 1/5W 5% T
R248	RCFT-E4R7J-000	RESISTOR-CARBON FILM 4.7ohm 1/5W 5% T
R228	RCFT-E470J-000	RESISTOR-CARBON FILM 47ohm 1/5W 5% T
R103	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R104	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R105	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R106	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R107	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R108	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R109	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R110	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R111	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R112	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R113	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R114	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R129	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R130	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R143	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R144	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R205	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R206	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R127	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R128	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R141	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R142	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R229	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R182	RCFT-E512J-000	RESISTOR-CARBON FILM 5.1Kohm 1/5W 5% T
R184	RCFT-E512J-000	RESISTOR-CARBON FILM 5.1Kohm 1/5W 5% T
R186	RCFT-E512J-000	RESISTOR-CARBON FILM 5.1Kohm 1/5W 5% T
R188	RCFT-E512J-000	RESISTOR-CARBON FILM 5.1Kohm 1/5W 5% T
R192	RCFT-E512J-000	RESISTOR-CARBON FILM 5.1Kohm 1/5W 5% T
R194	RCFT-E512J-000	RESISTOR-CARBON FILM 5.1Kohm 1/5W 5% T
R196	RCFT-E512J-000	RESISTOR-CARBON FILM 5.1Kohm 1/5W 5% T
R125	RCFT-E564J-000	RESISTOR-CARBON FILM 560Kohm 1/5W 5% T
R126	RCFT-E564J-000	RESISTOR-CARBON FILM 560Kohm 1/5W 5% T
R168	RCFT-E622J-000	RESISTOR-CARBON FILM 6.2Kohm 1/5W 5% T
R171	RCFT-E622J-000	RESISTOR-CARBON FILM 6.2Kohm 1/5W 5% T
R123	RCFT-E751J-000	RESISTOR-CARBON FILM 750ohm 1/5W 5% T

Ref. No.	Part No.	Description	
BLOCK MAIN PCB			
R124	RCFT-E751J-000	RESISTOR-CARBON FILM	750ohm 1/5W 5% T
R175	RCFT-E820J-000	RESISTOR-CARBON FILM	82ohm 1/5W 5% T
R201	RCFT-E823J-000	RESISTOR-CARBON FILM	82Kohm 1/5W 5% T
R231	RCFT-E823J-000	RESISTOR-CARBON FILM	82Kohm 1/5W 5% T
R245	RCFT-E823J-000	RESISTOR-CARBON FILM	82Kohm 1/5W 5% T
R246	RCFT-E823J-000	RESISTOR-CARBON FILM	82Kohm 1/5W 5% T
R237	RCFT-F4R7J-010	RESISTOR-CARBON FILM	4.7ohm 1/4W 5% T
R238	RCFT-F4R7J-010	RESISTOR-CARBON FILM	4.7ohm 1/4W 5% T
R247	RCFT-F4R7J-010	RESISTOR-CARBON FILM	4.7ohm 1/4W 5% T
R234	RCFT-G335K-1D0	RESISTOR-CARBON FILM	3.3Mohm 1/2W ERC12UGK33
R253	RMOH-H100J-100	RESISTOR-METAL OXIDE	PRO1 1W 10ohm 5% R-SHAP
R233	RMOH-H4R7J-100	RESISTOR-METAL OXIDE	PRO1 1W 4.7ohm J R-SHAPE
R241	RMOH-H4R7J-100	RESISTOR-METAL OXIDE	PRO1 1W 4.7ohm J R-SHAPE
R242	RMOH-H4R7J-100	RESISTOR-METAL OXIDE	PRO1 1W 4.7ohm J R-SHAPE
R249	RMOH-J100J-040	RESISTOR-METAL OXIDE	10ohm 2W 5% H
R250	RMOH-J100J-040	RESISTOR-METAL OXIDE	10ohm 2W 5% H
R251	RMOH-J100J-040	RESISTOR-METAL OXIDE	10ohm 2W 5% H
R252	RMOH-J100J-040	RESISTOR-METAL OXIDE	10ohm 2W 5% H
A0101	SKAO-00190-C50	AC OUTLET	S2-764T-214
JK105	SKPH-00520-360	MINIATURE JACK	HSJ1002-01-1020
JK101	SKRC-00290-020	SOCKET-RCA	JK0200440N 2P
JK102	SKRC-00420-061	SOCKET-RCA	JK0600460N
JK103	SKRC-00420-061	SOCKET-RCA	JK0600460N
JK104	SKRC-00760-060	SOCKET-RCA	JK0600467N
TE101	TESP-00230-08S	TERMINAL SPEAKER	SH0810360P
Q102	TRTA-0012Y-SD0	TRANSISTOR P-H FREQ	KTA1273-Y TO92L
Q106	TRTA-00940-SD0	TRANSISTOR P-H FREQ	KRA107M W/RESIST TO92M
Q109	TRTA-00940-SD0	TRANSISTOR P-H FREQ	KRA107M W/RESIST TO92M
Q105	TRTC-01700-SD0	TRANSISTOR N-H FREQ	KRC107M W/RESIST TO92M
Q101	TRTD-00200-SD0	TRANSISTOR N-L FREQ	KTD-1302 TO92
Q103	TRTD-00200-SD0	TRANSISTOR N-L FREQ	KTD-1302 TO92
Q104	TRTD-00200-SD0	TRANSISTOR N-L FREQ	KTD-1302 TO92
Q107	TRTD-00200-SD0	TRANSISTOR N-L FREQ	KTD-1302 TO92
Q108	TRTD-00200-SD0	TRANSISTOR N-L FREQ	KTD-1302 TO92
Q110	TRTD-00200-SD0	TRANSISTOR N-L FREQ	KTD-1302 TO92
Q111	TRTD-00200-SD0	TRANSISTOR N-L FREQ	KTD-1302 TO92
BLOCK FRONT PCB			
C302	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF Z 50V F T
C305	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF Z 50V F T
C306	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF Z 50V F T
C308	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF Z 50V F T
C314	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF Z 50V F T
C315	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF Z 50V F T
C503	CCAT-J330J-AAZ	CAPACITOR CERAMIC	33PF J 50V SL T
C504	CCAT-J330J-AAZ	CAPACITOR CERAMIC	33PF J 50V SL T
C317	CCAT-J470J-AAZ	CAPACITOR CERAMIC	47PF J 50V SL T
C501	CCAT-J470J-AAZ	CAPACITOR CERAMIC	47PF J 50V SL T
C502	CCAT-J470J-AAZ	CAPACITOR CERAMIC	47PF J 50V SL T
C311	CCAT-J473Z-AAF	CAPACITOR CERAMIC	0.047uF Z 50V F T
C312	CCAT-J473Z-AAF	CAPACITOR CERAMIC	0.047uF Z 50V F T
C307	CCCT-J103Z-0DF	CAPACITOR CERAMIC	0.01uF Z 50V F T
C413	CCTT-J120J-0BC	CAPACITOR CERAMIC	12PF J 50V CH T
C414	CCTT-J120J-0BC	CAPACITOR CERAMIC	12PF J 50V CH T
C419	CCTT-J470J-0DC	CAPACITOR CERAMIC	47PF J 50V CH T

Ref. No.	Part No.	Description	
BLOCK FRONT PCB			
C420	CCTT-J470J-ODC	CAPACITOR CERAMIC	47PF J 50V CH T
C403	CCTT-J680J-0FC	CAPACITOR CERAMIC	68PF J 50V CH T
C404	CCTT-J680J-0FC	CAPACITOR CERAMIC	68PF J 50V CH T
C409	CCTT-J681J-0BZ	CAPACITOR CERAMIC	680PF J 50V SL T
C410	CCTT-J681J-0BZ	CAPACITOR CERAMIC	680PF J 50V SL T
C411	CEET-C471M-FI1	CAPACITOR E/ALUMINUM	470uF M 6.3V 8x11.5 U T
C412	CEET-C471M-FI1	CAPACITOR E/ALUMINUM	470uF M 6.3V 8x11.5 U T
C428	CEET-C471M-FI1	CAPACITOR E/ALUMINUM	470uF M 6.3V 8x11.5 U T
C401	CEET-F220M-CI0	CAPACITOR E/ALUMINUM	22uF M 25V 5x11 T
C402	CEET-F220M-CI0	CAPACITOR E/ALUMINUM	22uF M 25V 5x11 T
C407	CEET-F220M-CI0	CAPACITOR E/ALUMINUM	22uF M 25V 5x11 T
C408	CEET-F220M-CI0	CAPACITOR E/ALUMINUM	22uF M 25V 5x11 T
C405	CEET-F330M-CI0	CAPACITOR E/ALUMINUM	33uF M 25V 5x11 T
C406	CEET-F330M-CI0	CAPACITOR E/ALUMINUM	33uF M 25V 5x11 T
C304	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF M 25V 5x11 T
C316	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF M 25V 5x11 T
C509	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF M 25V 5x11 T
C510	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF M 25V 5x11 T
C303	CEET-JR10M-CI0	CAPACITOR E/ALUMINUM	0.1uF M 50V 5x11 T
C310	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM	1.0uF M 50V 5x11 T
C427	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM	1.0uF M 50V 5x11 T
C309	CEET-J100M-CI0	CAPACITOR E/ALUMINUM	10uF M 50V 5x11 T
C421	CEET-J100M-CI0	CAPACITOR E/ALUMINUM	10uF M 50V 5x11 T
C422	CEET-J100M-CI0	CAPACITOR E/ALUMINUM	10uF M 50V 5x11 T
C425	CEET-J100M-CI0	CAPACITOR E/ALUMINUM	10uF M 50V 5x11 T
C426	CEET-J100M-CI0	CAPACITOR E/ALUMINUM	10uF M 50V 5x11 T
C505	CEET-J100M-CI0	CAPACITOR E/ALUMINUM	10uF M 50V 5x11 T
C506	CEET-J100M-CI0	CAPACITOR E/ALUMINUM	10uF M 50V 5x11 T
C507	CEET-J100M-CI0	CAPACITOR E/ALUMINUM	10uF M 50V 5x11 T
C508	CEET-J100M-CI0	CAPACITOR E/ALUMINUM	10uF M 50V 5x11 T
C423	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF M 50V 5x11 T
C424	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM	4.7uF M 50V 5x11 T
C313	CEET-J470M-DI0	CAPACITOR E/ALUMINUM	47uF M 50V 6.3x11 T
C415	CEET-L331M-DI1	CAPACITOR E/ALUMINUM	330uF M 63V 10x20 SHL T
C416	CEET-L331M-DI1	CAPACITOR E/ALUMINUM	330uF M 63V 10x20 SHL T
C417	CEET-L331M-DI1	CAPACITOR E/ALUMINUM	330uF M 63V 10x20 SHL T
C418	CEET-L331M-DI1	CAPACITOR E/ALUMINUM	330uF M 63V 10x20 SHL T
C301	CEGT-B104J-OJ0	CAPACITOR E/DO LAYER	0.1F J 5.5V SCDA5R5104A T
C511	CFMT-N183J-EK0	CAPACITOR F/POLYESTR	0.018uF J 100V 7.3x13 T
C512	CFMT-N183J-EK0	CAPACITOR F/POLYESTR	0.018uF J 100V 7.3x13 T
C517	CFMT-N183J-EK0	CAPACITOR F/POLYESTR	0.018uF J 100V 7.3x13 T
C518	CFMT-N183J-EK0	CAPACITOR F/POLYESTR	0.018uF J 100V 7.3x13 T
C515	CFMT-N392J-DJ0	CAPACITOR F/POLYESTR	0.0039uF J 100V 5.8x12 T
C516	CFMT-N392J-DJ0	CAPACITOR F/POLYESTR	0.0039uF J 100V 5.8x12 T
C513	CFMT-N823J-IK0	CAPACITOR F/POLYESTR	0.082uF J 100V 10.6x14 T
C514	CFMT-N823J-IK0	CAPACITOR F/POLYESTR	0.082uF J 100V 10.6x14 T
D301	DDTS-00070-SO0	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D302	DDTS-00070-SO0	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D303	DDTS-00070-SO0	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D304	DDTS-00070-SO0	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D306	DDTS-00070-SO0	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D307	DDTS-00070-SO0	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D308	DDTS-00070-SO0	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D309	DDTS-00070-SO0	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D310	DDTS-00070-SO0	DIODE-SI	1SS133 (40V 0.11A) DO-40 T

Ref. No.	Part No.	Description	
BLOCK FRONT PCB			
D311	DDTS-00070-S00	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D312	DDTS-00070-S00	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D401	DDTS-00070-S00	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D402	DDTS-00070-S00	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D403	DDTS-00070-S00	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D404	DDTS-00070-S00	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D405	DDTS-00070-S00	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D305	DDTZ-G075B-S00	DIODE ZENER	MTZ7.5B 7.07-7.45 DO40 T
D406	DDTZ-G091B-S00	DIODE ZENER	MTZ9.1B 9.01 DO40 T
FL301	DPFL-00780-000	VFD	HNA-16LL15
LD802	DPLE-00210-YG0	DISPLAY-LED	SM3511
LD301	DPLE-00211-GG0	DISPLAY-LED	SM3511(F2T)
LD302	DPLE-00211-GG0	DISPLAY-LED	SM3511(F2T)
LD303	DPLE-00211-GG0	DISPLAY-LED	SM3511(F2T)
LD304	DPLE-00211-GG0	DISPLAY-LED	SM3511(F2T)
LD305	DPLE-00211-GG0	DISPLAY-LED	SM3511(F2T)
LD306	DPLE-00211-GG0	DISPLAY-LED	SM3511(F2T)
LD801	DPLE-00280-RG0	DISPLAY-LED	SAM5270 RED/GRN
IC304	ICCM-01500-SB0	IC MEMORY LSI	BR24C04-W DIP8
IC703	ICHY-00370-U80	IC REMOTE RECEIVER	HI-M602H0
IC301	ICMP-03870-S20	IC (U-COM)	UPD780204GF-084-3BA
IC303	ICOP-00210-SD0	IC RESET	KIA7042P/F 4.2V TO-92
IC501	ICOP-03150-SG0	IC OP AMP	NJM2068M SOP8
L302	KIBK-00190-E40	COIL-AUDIO CHOCK	0.7uH COIL-CHOCK
L401	KIBK-00190-E40	COIL-AUDIO CHOCK	0.7uH COIL-CHOCK
CN402	KNCW-00140-2TM	CONNECTOR-WAFER	5267-02A 2.5mm MILK
CN401	KNCW-00140-3TM	CONNECTOR-WAFER	5267-03A 2.5mm MILK
CN302	KNCW-00160-5S9	CONNECTOR-WAFER	53015-0510 2mm-WHT
CN301	KNCW-00823-KS9	CONNECTOR WAFER	6216-20PRA
CN801	KNCW-00990-2T9	CONNECTOR-WAFER	JE202A-1T-02
Z301	KTRE-00171-042	RESONATOR	CST4.19MGW-TF01
	MEAC-08212-004	RADIATOR	
	MRAG-13830-004	CUSHION-FL	EVA T=5.0
	MRAG-13840-004	CUSHION-REMOTE	EVA T=11.0
	PCSR-05400-11B	PCB-SINGLE	A1R-540 330x247x1.6t
R319	RCFT-E100J-000	RESISTOR-CARBON FILM	10ohm 1/5W 5% T
R346	RCFT-E100J-000	RESISTOR-CARBON FILM	10ohm 1/5W 5% T
R317	RCFT-E101J-000	RESISTOR-CARBON FILM	100ohm 1/5W 5% T
R318	RCFT-E101J-000	RESISTOR-CARBON FILM	100ohm 1/5W 5% T
R495	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R304	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R345	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R405	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R406	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R491	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R302	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R305	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R337	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R338	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R339	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R340	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R341	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R342	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R343	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R344	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T

Ref. No.	Part No.	Description
BLOCK FRONT PCB		
R488	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R492	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R501	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R502	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R511	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R512	RCFT-E104J-000	RESISTOR-CARBON FILM 100Kohm 1/5W 5% T
R306	RCFT-E105J-000	RESISTOR-CARBON FILM 1Mohm 1/5W 5% T
R503	RCFT-E105J-000	RESISTOR-CARBON FILM 1Mohm 1/5W 5% T
R504	RCFT-E105J-000	RESISTOR-CARBON FILM 1Mohm 1/5W 5% T
R425	RCFT-E122J-000	RESISTOR-CARBON FILM 1.2Kohm 1/5W 5% T
R426	RCFT-E122J-000	RESISTOR-CARBON FILM 1.2Kohm 1/5W 5% T
R455	RCFT-E122J-000	RESISTOR-CARBON FILM 1.2Kohm 1/5W 5% T
R456	RCFT-E122J-000	RESISTOR-CARBON FILM 1.2Kohm 1/5W 5% T
R415	RCFT-E150J-000	RESISTOR-CARBON FILM 15ohm 1/5W 5% T
R416	RCFT-E150J-000	RESISTOR-CARBON FILM 15ohm 1/5W 5% T
R417	RCFT-E150J-000	RESISTOR-CARBON FILM 15ohm 1/5W 5% T
R418	RCFT-E150J-000	RESISTOR-CARBON FILM 15ohm 1/5W 5% T
R407	RCFT-E151J-000	RESISTOR-CARBON FILM 150ohm 1/5W 5% T
R408	RCFT-E151J-000	RESISTOR-CARBON FILM 150ohm 1/5W 5% T
R471	RCFT-E152J-000	RESISTOR-CARBON FILM 1.5Kohm 1/5W 5% T
R472	RCFT-E152J-000	RESISTOR-CARBON FILM 1.5Kohm 1/5W 5% T
R490	RCFT-E152J-000	RESISTOR-CARBON FILM 1.5Kohm 1/5W 5% T
R494	RCFT-E153J-000	RESISTOR-CARBON FILM 15Kohm 1/5W 5% T
R320	RCFT-E181J-000	RESISTOR-CARBON FILM 180ohm 1/5W 5% T
R321	RCFT-E181J-000	RESISTOR-CARBON FILM 180ohm 1/5W 5% T
R322	RCFT-E181J-000	RESISTOR-CARBON FILM 180ohm 1/5W 5% T
R323	RCFT-E181J-000	RESISTOR-CARBON FILM 180ohm 1/5W 5% T
R324	RCFT-E181J-000	RESISTOR-CARBON FILM 180ohm 1/5W 5% T
R325	RCFT-E181J-000	RESISTOR-CARBON FILM 180ohm 1/5W 5% T
R469	RCFT-E182J-000	RESISTOR-CARBON FILM 1.8Kohm 1/5W 5% T
R470	RCFT-E182J-000	RESISTOR-CARBON FILM 1.8Kohm 1/5W 5% T
R507	RCFT-E203J-000	RESISTOR-CARBON FILM 20Kohm 1/5W 5% T
R508	RCFT-E203J-000	RESISTOR-CARBON FILM 20Kohm 1/5W 5% T
R519	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R520	RCFT-E221J-000	RESISTOR-CARBON FILM 220ohm 1/5W 5% T
R513	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R514	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R517	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R518	RCFT-E222J-000	RESISTOR-CARBON FILM 2.2Kohm 1/5W 5% T
R301	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R303	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R334	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R335	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R336	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R451	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R452	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R453	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R454	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R493	RCFT-E223J-000	RESISTOR-CARBON FILM 22Kohm 1/5W 5% T
R477	RCFT-E243J-000	RESISTOR-CARBON FILM 24Kohm 1/5W 5% T
R478	RCFT-E243J-000	RESISTOR-CARBON FILM 24Kohm 1/5W 5% T
R313	RCFT-E271J-000	RESISTOR-CARBON FILM 270ohm 1/5W 5% T
R315	RCFT-E271J-000	RESISTOR-CARBON FILM 270ohm 1/5W 5% T
R463	RCFT-E3R3J-000	RESISTOR-CARBON FILM 3.3ohm 1/5W 5% T
R464	RCFT-E3R3J-000	RESISTOR-CARBON FILM 3.3ohm 1/5W 5% T

Ref. No.	Part No.	Description
BLOCK FRONT PCB		
R465	RCFT-E3R3J-000	RESISTOR-CARBON FILM 3.3ohm 1/5W 5% T
R466	RCFT-E3R3J-000	RESISTOR-CARBON FILM 3.3ohm 1/5W 5% T
R401	RCFT-E331J-000	RESISTOR-CARBON FILM 330ohm 1/5W 5% T
R402	RCFT-E331J-000	RESISTOR-CARBON FILM 330ohm 1/5W 5% T
R489	RCFT-E332J-000	RESISTOR-CARBON FILM 3.3Kohm 1/5W 5% T
R316	RCFT-E333J-000	RESISTOR-CARBON FILM 33Kohm 1/5W 5% T
R403	RCFT-E333J-000	RESISTOR-CARBON FILM 33Kohm 1/5W 5% T
R404	RCFT-E333J-000	RESISTOR-CARBON FILM 33Kohm 1/5W 5% T
R427	RCFT-E333J-000	RESISTOR-CARBON FILM 33Kohm 1/5W 5% T
R428	RCFT-E333J-000	RESISTOR-CARBON FILM 33Kohm 1/5W 5% T
R492	RCFT-E333J-000	RESISTOR-CARBON FILM 33Kohm 1/5W 5% T
R496	RCFT-E333J-000	RESISTOR-CARBON FILM 33Kohm 1/5W 5% T
R497	RCFT-E333J-000	RESISTOR-CARBON FILM 33Kohm 1/5W 5% T
R479	RCFT-E390J-000	RESISTOR-CARBON FILM 39ohm 1/5W 5% T
R480	RCFT-E390J-000	RESISTOR-CARBON FILM 39ohm 1/5W 5% T
R481	RCFT-E390J-000	RESISTOR-CARBON FILM 39ohm 1/5W 5% T
R482	RCFT-E390J-000	RESISTOR-CARBON FILM 39ohm 1/5W 5% T
R483	RCFT-E390J-000	RESISTOR-CARBON FILM 39ohm 1/5W 5% T
R484	RCFT-E390J-000	RESISTOR-CARBON FILM 39ohm 1/5W 5% T
R485	RCFT-E390J-000	RESISTOR-CARBON FILM 39ohm 1/5W 5% T
R486	RCFT-E390J-000	RESISTOR-CARBON FILM 39ohm 1/5W 5% T
R509	RCFT-E432J-000	RESISTOR-CARBON FILM 4.3Kohm 1/5W 5% T
R510	RCFT-E432J-000	RESISTOR-CARBON FILM 4.3Kohm 1/5W 5% T
R505	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R506	RCFT-E471J-000	RESISTOR-CARBON FILM 470ohm 1/5W 5% T
R309	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R310	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R311	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R312	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R441	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R442	RCFT-E472J-000	RESISTOR-CARBON FILM 4.7Kohm 1/5W 5% T
R307	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R326	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R327	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R328	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R329	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R331	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R333	RCFT-E473J-000	RESISTOR-CARBON FILM 47Kohm 1/5W 5% T
R314	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R429	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R430	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R431	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R432	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R433	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R434	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R435	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R436	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R437	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R438	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R439	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R440	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R473	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R474	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R515	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T
R516	RCFT-E561J-000	RESISTOR-CARBON FILM 560ohm 1/5W 5% T

Ref. No.	Part No.	Description	
BLOCK FRONT PCB			
R409	RCFT-E680J-000	RESISTOR-CARBON FILM	68ohm 1/5W 5% T
R410	RCFT-E680J-000	RESISTOR-CARBON FILM	68ohm 1/5W 5% T
R419	RCFT-E681J-000	RESISTOR-CARBON FILM	680ohm 1/5W 5% T
R420	RCFT-E681J-000	RESISTOR-CARBON FILM	680ohm 1/5W 5% T
R475	RCFT-E682J-000	RESISTOR-CARBON FILM	6.8Kohm 1/5W 5% T
R476	RCFT-E682J-000	RESISTOR-CARBON FILM	6.8Kohm 1/5W 5% T
R487	RCFT-E683J-000	RESISTOR-CARBON FILM	68Kohm 1/5W 5% T
R421	RCFT-E751J-000	RESISTOR-CARBON FILM	750ohm 1/5W 5% T
R422	RCFT-E751J-000	RESISTOR-CARBON FILM	750ohm 1/5W 5% T
R423	RCFT-E751J-000	RESISTOR-CARBON FILM	750ohm 1/5W 5% T
R424	RCFT-E751J-000	RESISTOR-CARBON FILM	750ohm 1/5W 5% T
R443	RCFT-E820J-000	RESISTOR-CARBON FILM	82ohm 1/5W 5% T
R444	RCFT-E820J-000	RESISTOR-CARBON FILM	82ohm 1/5W 5% T
R445	RCFT-E820J-000	RESISTOR-CARBON FILM	82ohm 1/5W 5% T
R446	RCFT-E820J-000	RESISTOR-CARBON FILM	82ohm 1/5W 5% T
R461	RCFT-E820J-000	RESISTOR-CARBON FILM	82ohm 1/5W 5% T
R462	RCFT-E820J-000	RESISTOR-CARBON FILM	82ohm 1/5W 5% T
R457	RCFT-E821J-000	RESISTOR-CARBON FILM	820ohm 1/5W 5% T
R458	RCFT-E821J-000	RESISTOR-CARBON FILM	820ohm 1/5W 5% T
R459	RCFT-E821J-000	RESISTOR-CARBON FILM	820ohm 1/5W 5% T
R460	RCFT-E821J-000	RESISTOR-CARBON FILM	820ohm 1/5W 5% T
	RJWT-00000-AA0	RESISTOR-JUMPER WIRE	60mm-TX123 F
R467	RMFT-LR27J-0J0	RESISTOR-METAL PLATE	0.27ohm 5W 5% MPR
R468	RMFT-LR27J-0J0	RESISTOR-METAL PLATE	0.27ohm 5W 5% MPR
R801	RMOH-J221J-040	RESISTOR-METAL OXIDE	220ohm 2W 5% H
R802	RMOH-J221J-040	RESISTOR-METAL OXIDE	220ohm 2W 5% H
R447	RMOR-H470J-0C0	RESISTOR-METAL OXIDE	47ohm 1W 5% ERG(X)1SJ47C
R448	RMOR-H470J-0C0	RESISTOR-METAL OXIDE	47ohm 1W 5% ERG(X)1SJ47C
R449	RMOR-H470J-0C0	RESISTOR-METAL OXIDE	47ohm 1W 5% ERG(X)1SJ47C
R450	RMOR-H470J-0C0	RESISTOR-METAL OXIDE	47ohm 1W 5% ERG(X)1SJ47C
SW801	SWPU-00591-059	SWITCH-PUSH	SDDL13300
SW301	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW302	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW303	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW304	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW305	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW306	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW307	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW308	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW309	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW310	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW311	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW312	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW313	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW314	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW315	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW316	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW317	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW318	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
SW802	SWTA-00220-060	SWITCH-TACT	THVV 502G AA 12V 50mA
Q423	TRSA-01450-SJ0	TRANSISTOR N-H FREQ	2SA1859A
Q424	TRSA-01450-SJ0	TRANSISTOR N-H FREQ	2SA1859A
Q421	TRSC-01540-SJ0	TRANSISTOR N-H FREQ	2SC4883A
Q422	TRSC-01540-SJ0	TRANSISTOR N-H FREQ	2SC4883A
Q401	TRTA-0011G-SD0	TRANSISTOR P-H FREQ	KTA1268-GR TO92

Ref. No.	Part No.	Description		
BLOCK FRONT PCB				
Q402	TRTA-0011G-SD0	TRANSISTOR P-H FREQ	KTA1268-GR	TO92
Q403	TRTA-0011G-SD0	TRANSISTOR P-H FREQ	KTA1268-GR	TO92
Q404	TRTA-0011G-SD0	TRANSISTOR P-H FREQ	KTA1268-GR	TO92
Q405	TRTA-0011G-SD0	TRANSISTOR P-H FREQ	KTA1268-GR	TO92
Q406	TRTA-0011G-SD0	TRANSISTOR P-H FREQ	KTA1268-GR	TO92
Q407	TRTA-0011G-SD0	TRANSISTOR P-H FREQ	KTA1268-GR	TO92
Q408	TRTA-0011G-SD0	TRANSISTOR P-H FREQ	KTA1268-GR	TO92
Q413	TRTA-0011G-SD0	TRANSISTOR P-H FREQ	KTA1268-GR	TO92
Q414	TRTA-0011G-SD0	TRANSISTOR P-H FREQ	KTA1268-GR	TO92
Q431	TRTA-0011G-SD0	TRANSISTOR P-H FREQ	KTA1268-GR	TO92
Q415	TRTA-0013Y-SD0	TRANSISTOR N-H FREQ	KTA1024-Y	
Q416	TRTA-0013Y-SD0	TRANSISTOR N-H FREQ	KTA1024-Y	
Q409	TRTC-0015G-SD0	TRANSISTOR N-H FREQ	KTC3200-GR	TO92
Q410	TRTC-0015G-SD0	TRANSISTOR N-H FREQ	KTC3200-GR	TO92
Q411	TRTC-0015G-SD0	TRANSISTOR N-H FREQ	KTC3200-GR	TO92
Q412	TRTC-0015G-SD0	TRANSISTOR N-H FREQ	KTC3200-GR	TO92
Q429	TRTC-0015G-SD0	TRANSISTOR N-H FREQ	KTC3200-GR	TO92
Q430	TRTC-0015G-SD0	TRANSISTOR N-H FREQ	KTC3200-GR	TO92
Q301	TRTC-0016G-SD0	TRANSISTOR N-H FREQ	KTC3198-GR	TO92
Q432	TRTC-0016G-SD0	TRANSISTOR N-H FREQ	KTC3198-GR	TO92
Q433	TRTC-0016G-SD0	TRANSISTOR N-H FREQ	KTC3198-GR	TO92
Q434	TRTC-0016G-SD0	TRANSISTOR N-H FREQ	KTC3198-GR	TO92
Q417	TRTC-0087Y-SD0	TRANSISTOR N-H FREQ	KTC3206-Y	TO92L
Q418	TRTC-0087Y-SD0	TRANSISTOR N-H FREQ	KTC3206-Y	TO92L
Q302	TRTC-01700-SD0	TRANSISTOR N-H FREQ	KRC107M W/RESIST	TO92M
Q303	TRTC-01700-SD0	TRANSISTOR N-H FREQ	KRC107M W/RESIST	TO92M
Q304	TRTC-01700-SD0	TRANSISTOR N-H FREQ	KRC107M W/RESIST	TO92M
Q305	TRTC-01700-SD0	TRANSISTOR N-H FREQ	KRC107M W/RESIST	TO92M
Q306	TRTC-01700-SD0	TRANSISTOR N-H FREQ	KRC107M W/RESIST	TO92M
Q435	TRTC-01700-SD0	TRANSISTOR N-H FREQ	KRC107M W/RESIST	TO92M
	UA10-9M412-200	WIRE-ASS'Y	1007#20 WHT-120	10P
	UM08-A1033-000	WIRE-ASS'Y	1533#28/1007#26-150	10P
	UM08-41035-000	WIRE-ASS'Y	1533#28-180	4P
	U1T1-0GN20-T10	WIRE-ASS'Y	HIGH WRAP#22 BLK	200
	U208-2K815-000	WIRE-ASS'Y	20080#28 RED-150	2P
	U245-91327-450	WIRE-ASS'Y	1007#18-270	2P
	U508-4M716-200	WIRE-ASS'Y	1007#26 YEL-160	5P
	U710-6M742-200	WIRE-ASS'Y	1007#26 BLU-420	
VR503	VRAE-P049W-104	VR-ROTARY	RK11K1160106-100KW	
VR501	VRAE-P050C-104	VR-ROTARY	RK14K1260106-100KCx2	
VR502	VRAE-P050C-104	VR-ROTARY	RK14K1260106-100KCx2	
CF602	BTCE-00040-107	FILTER-CERAMIC	SFE10.7MS2-A-TF21	
CF603	BTCE-00040-107	FILTER-CERAMIC	SFE10.7MS2-A-TF21	
CF604	BTCE-00450-045	FILTER-CERAMIC	AHCFM2-450AL	
C707	CCAT-F103Z-AAF	CAPACITOR CERAMIC	0.01uF Z 25V F T	
C708	CCAT-F103Z-AAF	CAPACITOR CERAMIC	0.01uF Z 25V F T	
C709	CCAT-F103Z-AAF	CAPACITOR CERAMIC	0.01uF Z 25V F T	
C710	CCAT-F103Z-AAF	CAPACITOR CERAMIC	0.01uF Z 25V F T	
C706	CCAT-F223Z-AAF	CAPACITOR CERAMIC	0.022uF Z 25V F T	
C620	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF K 50V B T	
C621	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF K 50V B T	
C626	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF K 50V B T	
C627	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF K 50V B T	
C628	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF K 50V B T	
C629	CCAT-J101K-AAB	CAPACITOR CERAMIC	100PF K 50V B T	

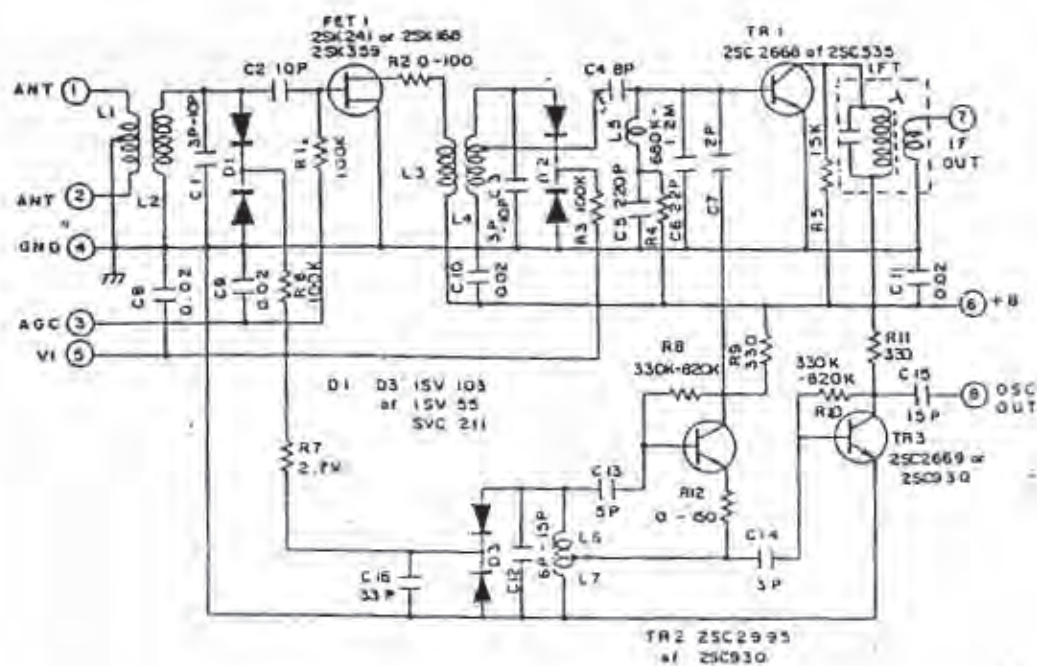
Ref. No.	Part No.	Description				
BLOCK TUNER PCB						
C640	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF	Z 50V	F T	
C641	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF	Z 50V	F T	
C642	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF	Z 50V	F T	
C803	CCAT-J104Z-AAF	CAPACITOR CERAMIC	0.1uF	Z 50V	F T	
C669	CCAT-J473Z-AAF	CAPACITOR CERAMIC	0.047uF	Z 50V	F T	
C711	CCAT-J473Z-AAF	CAPACITOR CERAMIC	0.047uF	Z 50V	F T	
C703	CCAT-J560J-AAZ	CAPACITOR CERAMIC	56PF	J 50V	SL T	
C704	CCAT-J560J-AAZ	CAPACITOR CERAMIC	56PF	J 50V	SL T	
C652	CCAT-J561K-AAB	CAPACITOR CERAMIC	560PF	K 50V	B T	
C665	CCAT-J561K-AAB	CAPACITOR CERAMIC	560PF	K 50V	B T	
C666	CCAT-J680J-AAZ	CAPACITOR CERAMIC	68PF	J 50V	SL T	
C667	CCAT-J680J-AAZ	CAPACITOR CERAMIC	68PF	J 50V	SL T	
C613	CCCT-J103Z-0DF	CAPACITOR CERAMIC	0.01uF	Z 50V	F T	
C623	CCCT-J103Z-0DF	CAPACITOR CERAMIC	0.01uF	Z 50V	F T	
C801	CCCT-J222K-0DB	CAPACITOR CERAMIC	2200PF	K 50V	B T	
C802	CCCT-J222K-0DB	CAPACITOR CERAMIC	2200PF	K 50V	B T	
C602	CCCT-J223Z-0FF	CAPACITOR CERAMIC	0.022uF	Z 50V	F T	
C605	CCCT-J223Z-0FF	CAPACITOR CERAMIC	0.022uF	Z 50V	F T	
C606	CCCT-J223Z-0FF	CAPACITOR CERAMIC	0.022uF	Z 50V	F T	
C608	CCCT-J223Z-0FF	CAPACITOR CERAMIC	0.022uF	Z 50V	F T	
C609	CCCT-J223Z-0FF	CAPACITOR CERAMIC	0.022uF	Z 50V	F T	
C610	CCCT-J223Z-0FF	CAPACITOR CERAMIC	0.022uF	Z 50V	F T	
C611	CCCT-J223Z-0FF	CAPACITOR CERAMIC	0.022uF	Z 50V	F T	
C614	CCCT-J223Z-0FF	CAPACITOR CERAMIC	0.022uF	Z 50V	F T	
C615	CCCT-J223Z-0FF	CAPACITOR CERAMIC	0.022uF	Z 50V	F T	
C616	CCCT-J223Z-0FF	CAPACITOR CERAMIC	0.022uF	Z 50V	F T	
C636	CCCT-J223Z-0FF	CAPACITOR CERAMIC	0.022uF	Z 50V	F T	
C639	CCCT-J223Z-0FF	CAPACITOR CERAMIC	0.022uF	Z 50V	F T	
C661	CCCT-J223Z-0FF	CAPACITOR CERAMIC	0.022uF	Z 50V	F T	
C603	CCCT-J473Z-0JF	CAPACITOR CERAMIC	0.047uF	Z 50V	F T	
C619	CCCT-J473Z-0JF	CAPACITOR CERAMIC	0.047uF	Z 50V	F T	
C604	CCTT-J150J-0BC	CAPACITOR CERAMIC	15PF	J 50V	CH T	
C625	CCTT-J300J-0CC	CAPACITOR CERAMIC	30PF	J 50V	CH T	
C634	CCTT-J331J-0FZ	CAPACITOR CERAMIC	330PF	J 50V	SL T	
C624	CCTT-J390J-0DC	CAPACITOR CERAMIC	39PF	J 50V	CH T	
C651	CCTT-J681J-0BZ	CAPACITOR CERAMIC	680PF	J 50V	SL T	
C645	CEET-E101M-DI0	CAPACITOR E/ALUMINUM	100uF	M 16V 6.3x11	T	
C705	CEET-E101M-DI0	CAPACITOR E/ALUMINUM	100uF	M 16V 6.3x11	T	
C601	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M 25V 5x11	T	
C612	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M 25V 5x11	T	
C618	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M 25V 5x11	T	
C622	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M 25V 5x11	T	
C638	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M 25V 5x11	T	
C701	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M 25V 5x11	T	
C702	CEET-F470M-CI0	CAPACITOR E/ALUMINUM	47uF	M 25V 5x11	T	
C607	CEET-G100M-CI0	CAPACITOR E/ALUMINUM	10uF	M 35V 5x11	T	
C647	CEET-G100M-CI0	CAPACITOR E/ALUMINUM	10uF	M 35V 5x11	T	
C648	CEET-G100M-CI0	CAPACITOR E/ALUMINUM	10uF	M 35V 5x11	T	
C664	CEET-G100M-CI0	CAPACITOR E/ALUMINUM	10uF	M 35V 5x11	T	
C663	CEET-JR22M-CI0	CAPACITOR E/ALUMINUM	0.22uF	M 50V 5x11	T	
C630	CEET-JR47M-CI0	CAPACITOR E/ALUMINUM	0.47uF	M 50V 5x11	T	
C632	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM	1.0uF	M 50V 5x11	T	
C644	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM	1.0uF	M 50V 5x11	T	
C662	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM	1.0uF	M 50V 5x11	T	
C633	CEET-J3R3M-CI0	CAPACITOR E/ALUMINUM	3.3uF	M 50V 5x11	T	

Ref. No.	Part No.	Description	
BLOCK TUNER PCB			
C617	CEET-J4R7M-CIO	CAPACITOR E/ALUMINUM	4.7uF M 50V 5x11 T
C631	CEET-J4R7M-CIO	CAPACITOR E/ALUMINUM	4.7uF M 50V 5x11 T
C643	CEET-J4R7M-CIO	CAPACITOR E/ALUMINUM	4.7uF M 50V 5x11 T
C650	CEET-J4R7M-CIO	CAPACITOR E/ALUMINUM	4.7uF M 50V 5x11 T
C668	CEET-J4R7M-CIO	CAPACITOR E/ALUMINUM	4.7uF M 50V 5x11 T
C670	CFMT-N223J-EK0	CAPACITOR F/POLYESTR	0.022uF J 100V 7.4x13 T
C637	CFMT-N332J-DJ0	CAPACITOR F/POLYESTR	0.0033uF J 100V 5.8x12 T
C646	CFMT-N393J-FK0	CAPACITOR F/POLYESTR	0.039uF J 100V 8.5x13. T
C671	CFST-O471J-CJ0	CAPACITOR F/STYROL	470PF J 125V 5.5x12 T
VD601	DDSV-00120-S10	DIODE-VVC	SVC321SPA-C2 AM8V DO40S
VD602	DDSV-00120-S10	DIODE-VVC	SVC321SPA-C2 AM8V DO40S
D601	DDTS-00070-SO0	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D801	DDTS-00070-SO0	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
D802	DDTS-00070-SO0	DIODE-SI	1SS133 (40V 0.11A) DO-40 T
ZD601	DDTZ-G051B-SOS	DIODE ZENER	MTZJ5.1B 4.94-5.20 DO34 T
D701	DDTZ-G062B-SOS	DIODE ZENER	MTZJ6.2B 5.96-6.27 DO34 T
IC701	ICDG-00560-SO0	IC MOTOR DRIVER	BA6208 SIP9
IC603	ICLN-03610-S10	IC PLL FM MPX	LA3401 DIP22
IC604	ICLN-03620-S10	IC AM/FM IF	LA1266 DIP24
IC602	ICLN-03680-S10	IC PLL	LC7218JM SOP-24
T606	IFFA-00110-E20	IFT-FM	AFA011 7mm-CAN
T604	IFFD-00100-E20	IFT-FM DET	AFD010 7mm-CAN
T605	KIAA-00260-E20	COIL-AM IFT	AAA-026 7MC-K502713N4-KR
T603	KIAO-00460-E20	COIL-AM OSC	AAO046 MW 7mm - CAN
T607	KIAT-00530-E20	COIL-AM ANT	AAT053 MW 7mm - CAN
T601	KIML-A0010-E20	COIL-FM MPX FILTER	AMA001 19KHz 10mm-CAN
T602	KIML-A0010-E20	COIL-FM MPX FILTER	AMA001 19KHz 10mm-CAN
CN702	KNCW-00160-5S9	CONNECTOR-WAFER	53015-0510 2mm-WHT
CN701	KNCW-00240-AT9	CONNECTOR-WAFER	53014-10 2.0mm WHT
CW701	KNCW-00240-AT9	CONNECTOR-WAFER	53014-10 2.0mm WHT
CN703	KNCW-00240-2T9	CONNECTOR-WAFER	53014-02 2.0mm WHT
CW802	KNCW-00240-2T9	CONNECTOR-WAFER	53014-02 2.0mm WHT
TP601	KNCW-01490-2T9	CONNECTOR-WAFER	JE115-AT-02P
TP602	KNCW-01490-2T9	CONNECTOR-WAFER	JE115-AT-02P
TP603	KNCW-01490-2T9	CONNECTOR-WAFER	JE115-AT-02P
CH602	KNCW-01510-ES9	CONNECTOR-WAFER	35237-1410 2M/M 14P
X601	KTAL-00041-072	CRYSTAL	HC-49/U 7.200000MHZ
CF605	KTRE-00300-288	RESONATOR	ZTB456F11
R655	PCSR-01440-31B	PCB-SINGLE	A3R-144 247x197x1.6t
R613	RCFT-E101J-000	RESISTOR-CARBON FILM	100ohm 1/5W 5% T
R629	RCFT-E101J-000	RESISTOR-CARBON FILM	100ohm 1/5W 5% T
R634	RCFT-E101J-000	RESISTOR-CARBON FILM	100ohm 1/5W 5% T
R639	RCFT-E101J-000	RESISTOR-CARBON FILM	100ohm 1/5W 5% T
R648	RCFT-E101J-000	RESISTOR-CARBON FILM	100ohm 1/5W 5% T
R651	RCFT-E101J-000	RESISTOR-CARBON FILM	100ohm 1/5W 5% T
R673	RCFT-E101J-000	RESISTOR-CARBON FILM	100ohm 1/5W 5% T
R603	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R611	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R618	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R636	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R637	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R638	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R654	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R658	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R703	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T

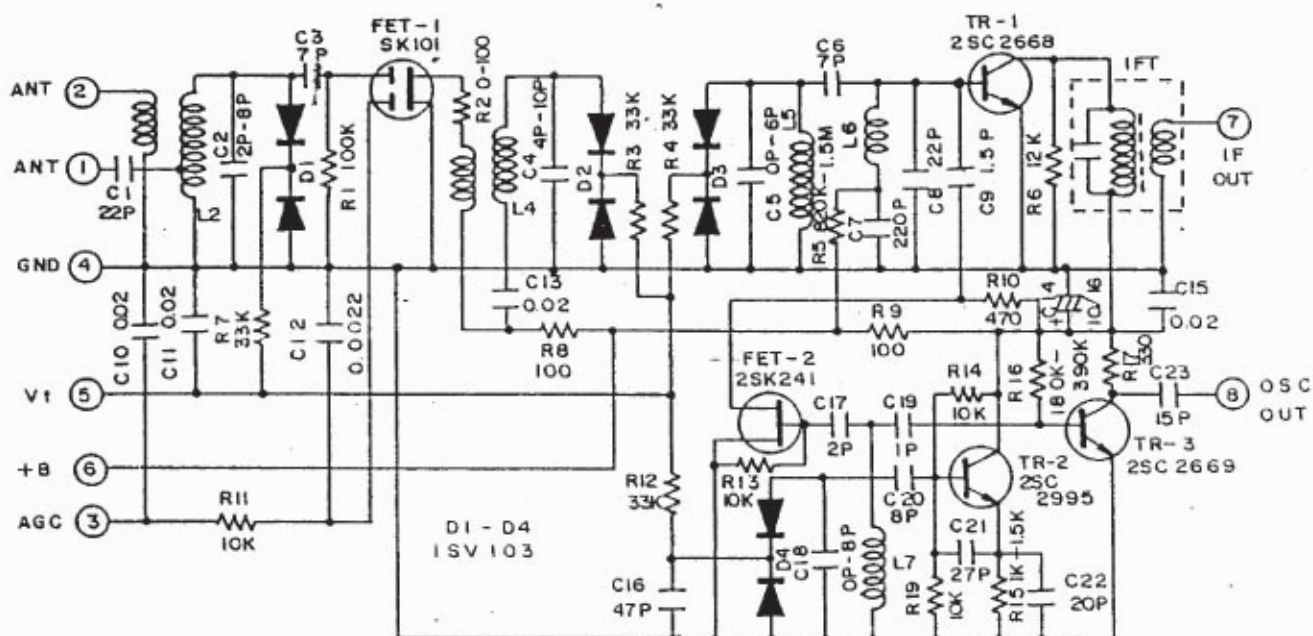
Ref. No.	Part No.	Description	
BLOCK TUNER PCB			
R704	RCFT-E102J-000	RESISTOR-CARBON FILM	1Kohm 1/5W 5% T
R620	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R622	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R625	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R640	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R643	RCFT-E103J-000	RESISTOR-CARBON FILM	10Kohm 1/5W 5% T
R604	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R605	RCFT-E104J-000	RESISTOR-CARBON FILM	100Kohm 1/5W 5% T
R612	RCFT-E122J-000	RESISTOR-CARBON FILM	1.2Kohm 1/5W 5% T
R675	RCFT-E124J-000	RESISTOR-CARBON FILM	120Kohm 1/5W 5% T
R677	RCFT-E124J-000	RESISTOR-CARBON FILM	120Kohm 1/5W 5% T
R653	RCFT-E152J-000	RESISTOR-CARBON FILM	1.5Kohm 1/5W 5% T
R671	RCFT-E152J-000	RESISTOR-CARBON FILM	1.5Kohm 1/5W 5% T
R803	RCFT-E152J-000	RESISTOR-CARBON FILM	1.5Kohm 1/5W 5% T
R804	RCFT-E152J-000	RESISTOR-CARBON FILM	1.5Kohm 1/5W 5% T
R628	RCFT-E182J-000	RESISTOR-CARBON FILM	1.8Kohm 1/5W 5% T
R676	RCFT-E184J-000	RESISTOR-CARBON FILM	180Kohm 1/5W 5% T
R678	RCFT-E184J-000	RESISTOR-CARBON FILM	180Kohm 1/5W 5% T
R626	RCFT-E220J-000	RESISTOR-CARBON FILM	22ohm 1/5W 5% T
R630	RCFT-E220J-000	RESISTOR-CARBON FILM	22ohm 1/5W 5% T
R615	RCFT-E221J-000	RESISTOR-CARBON FILM	220ohm 1/5W 5% T
R616	RCFT-E221J-000	RESISTOR-CARBON FILM	220ohm 1/5W 5% T
R679	RCFT-E221J-000	RESISTOR-CARBON FILM	220ohm 1/5W 5% T
R614	RCFT-E222J-000	RESISTOR-CARBON FILM	2.2Kohm 1/5W 5% T
R642	RCFT-E223J-000	RESISTOR-CARBON FILM	22Kohm 1/5W 5% T
R650	RCFT-E223J-000	RESISTOR-CARBON FILM	22Kohm 1/5W 5% T
R619	RCFT-E271J-000	RESISTOR-CARBON FILM	270ohm 1/5W 5% T
R705	RCFT-E271J-000	RESISTOR-CARBON FILM	270ohm 1/5W 5% T
R627	RCFT-E273J-000	RESISTOR-CARBON FILM	27Kohm 1/5W 5% T
R607	RCFT-E331J-000	RESISTOR-CARBON FILM	330ohm 1/5W 5% T
R608	RCFT-E331J-000	RESISTOR-CARBON FILM	330ohm 1/5W 5% T
R609	RCFT-E332J-000	RESISTOR-CARBON FILM	3.3Kohm 1/5W 5% T
R635	RCFT-E332J-000	RESISTOR-CARBON FILM	3.3Kohm 1/5W 5% T
R652	RCFT-E332J-000	RESISTOR-CARBON FILM	3.3Kohm 1/5W 5% T
R672	RCFT-E332J-000	RESISTOR-CARBON FILM	3.3Kohm 1/5W 5% T
R674	RCFT-E332J-000	RESISTOR-CARBON FILM	3.3Kohm 1/5W 5% T
R606	RCFT-E4R7J-000	RESISTOR-CARBON FILM	4.7ohm 1/5W 5% T
R621	RCFT-E471J-000	RESISTOR-CARBON FILM	470ohm 1/5W 5% T
R623	RCFT-E472J-000	RESISTOR-CARBON FILM	4.7Kohm 1/5W 5% T
R631	RCFT-E472J-000	RESISTOR-CARBON FILM	4.7Kohm 1/5W 5% T
R632	RCFT-E472J-000	RESISTOR-CARBON FILM	4.7Kohm 1/5W 5% T
R633	RCFT-E472J-000	RESISTOR-CARBON FILM	4.7Kohm 1/5W 5% T
R646	RCFT-E472J-000	RESISTOR-CARBON FILM	4.7Kohm 1/5W 5% T
R624	RCFT-E473J-000	RESISTOR-CARBON FILM	47Kohm 1/5W 5% T
R647	RCFT-E473J-000	RESISTOR-CARBON FILM	47Kohm 1/5W 5% T
R649	RCFT-E473J-000	RESISTOR-CARBON FILM	47Kohm 1/5W 5% T
R610	RCFT-E561J-000	RESISTOR-CARBON FILM	560ohm 1/5W 5% T
R644	RCFT-E622J-000	RESISTOR-CARBON FILM	6.2Kohm 1/5W 5% T
R617	RCFT-E683J-000	RESISTOR-CARBON FILM	68Kohm 1/5W 5% T
R702	RCFT-E821J-000	RESISTOR-CARBON FILM	820ohm 1/5W 5% T
R645	RCFT-E823J-000	RESISTOR-CARBON FILM	82Kohm 1/5W 5% T
R655	RCFT-G471J-190	RESISTOR-CARBON FILM	470ohm 1/2W 5% 2.3x6.5 T
	RJWT-00000-AA0	RESISTOR-JUMPER WIRE	60mm-TX123 F
R701	RMOH-H820J-100	MOR	PRO1 1W 82ohm 5% R-SHAP
JK801	SKPH-00293-66W	SOCKET-PHONE	HTJ064-05BG GOLD

Ref. No.	Part No.	Description	
BLOCK TUNER PCB			
ANT601	TEAT-00143-02S	TERMINAL ANTENNA	SC021039FN
Q602	TRTA-00940-SD0	TRANSISTOR P-H FREQ	KRA107M W/RESIST TO92M
Q604	TRTA-00940-SD0	TRANSISTOR P-H FREQ	KRA107M W/RESIST TO92M
Q606	TRTA-00940-SD0	TRANSISTOR P-H FREQ	KRA107M W/RESIST TO92M
Q609	TRTA-00940-SD0	TRANSISTOR P-H FREQ	KRA107M W/RESIST TO92M
Q601	TRTC-0010Y-SD0	TRANSISTOR N-H FREQ	KTC3194-Y TO92
Q607	TRTC-0016G-SD0	TRANSISTOR N-H FREQ	KTC3198-GR TO92
Q608	TRTC-0016G-SD0	TRANSISTOR N-H FREQ	KTC3198-GR TO92
Q610	TRTC-0016G-SD0	TRANSISTOR N-H FREQ	KTC3198-GR TO92
Q701	TRTC-01060-SD0	TRANSISTOR N-H FREQ	KTC3203 TO92
Q702	TRTC-01700-SD0	TRANSISTOR N-H FREQ	KRC107M W/RESIST TO92M
Q603	TRTD-00200-SD0	TRANSISTOR N-L FREQ	KTD-1302 TO92
Q605	TRTD-00200-SD0	TRANSISTOR N-L FREQ	KTD-1302 TO92
FE601	TUFF-00232-00K	FM F/E TUNER	FTA3-509HA
	UM08-A1034-000	WIRE-ASS'Y	1533#28/1007#26-200 10P
	U310-2M530-200	WIRE-ASS'Y	1007#22 RED-300 3P
CT601	VCTC-00022-200	TRIMMER	CVCN06C200
VR602	VFEB-A021B-224	RESISTOR-SEMI FIXED	RH0638C-220KB 220Kohm
VR603	VFEB-A021B-472	RESISTOR-SEMI FIXED	RH0638C-4.7KB 4.7Kohm
VR601	VFEB-A021B-473	RESISTOR-SEMI FIXED	RH0638C-47KB 47Kohm
MV701	VWBD-E017A-503	VR-W/MOTOR	RK16812MG-50KAx2

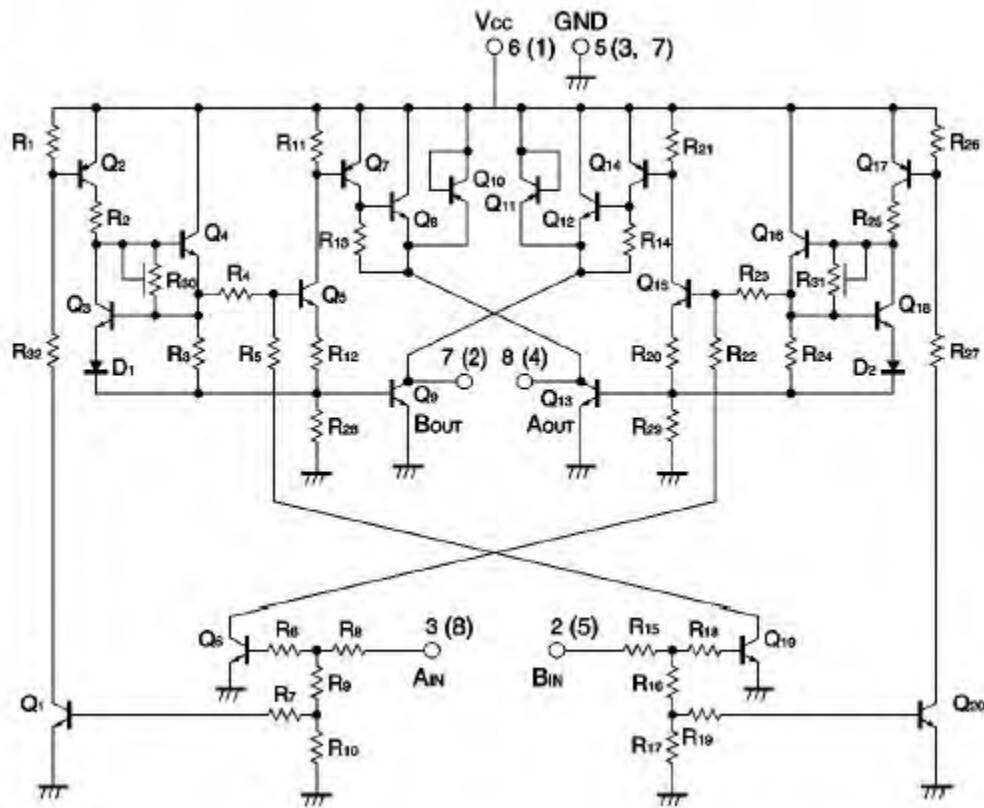
Front End : FE601 (FTA3-509HA) U.S.A. Version



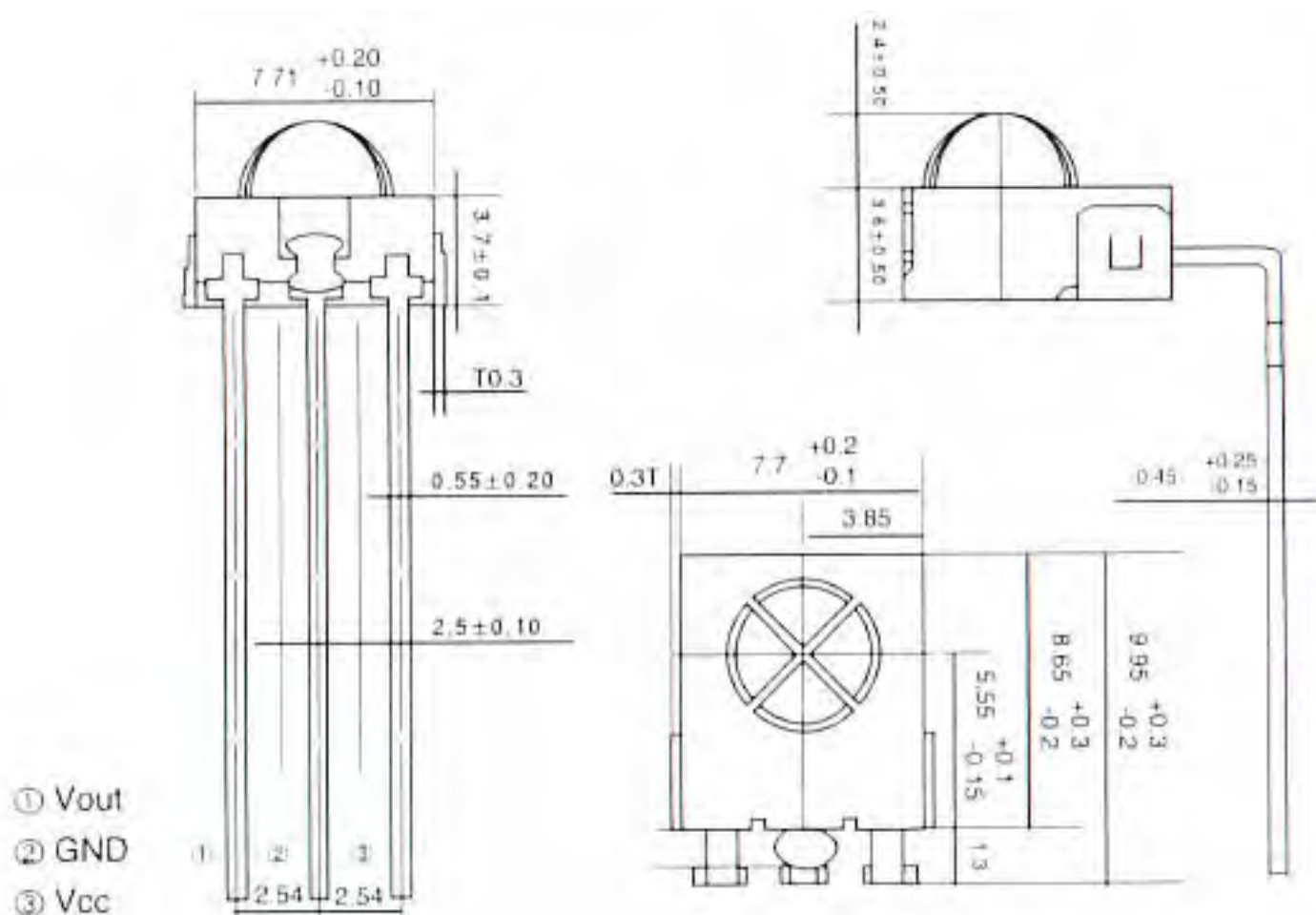
Front End : FE601 (FTA4-460H) E.U. Version



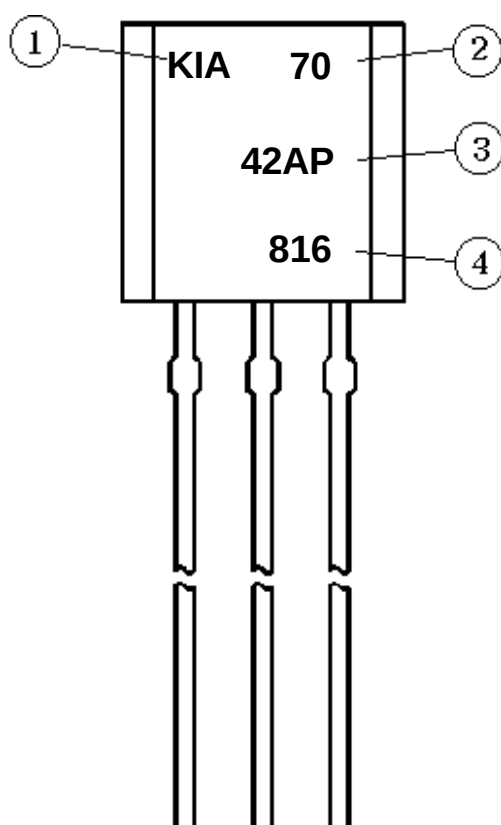
IC 701 : BA6208



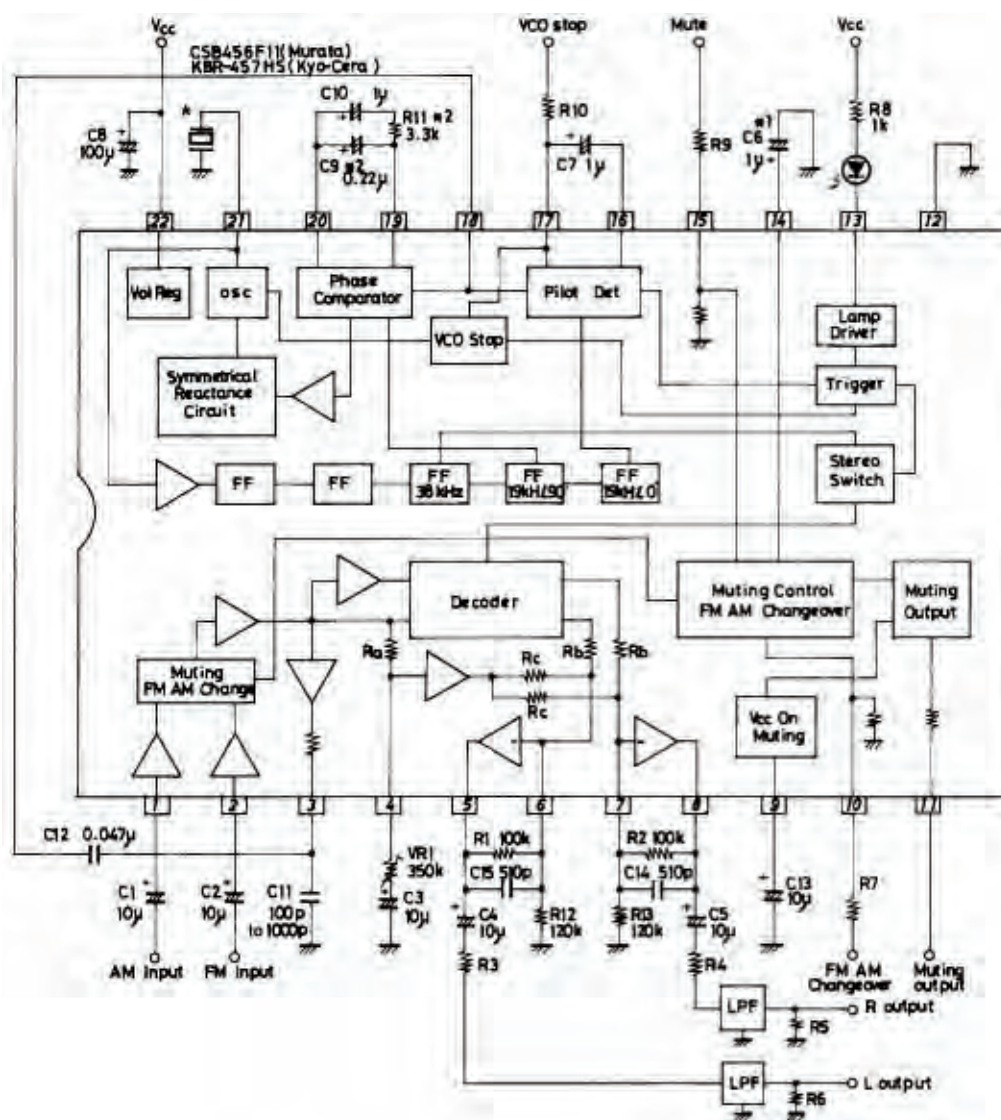
IC 302 : HI-M602HO

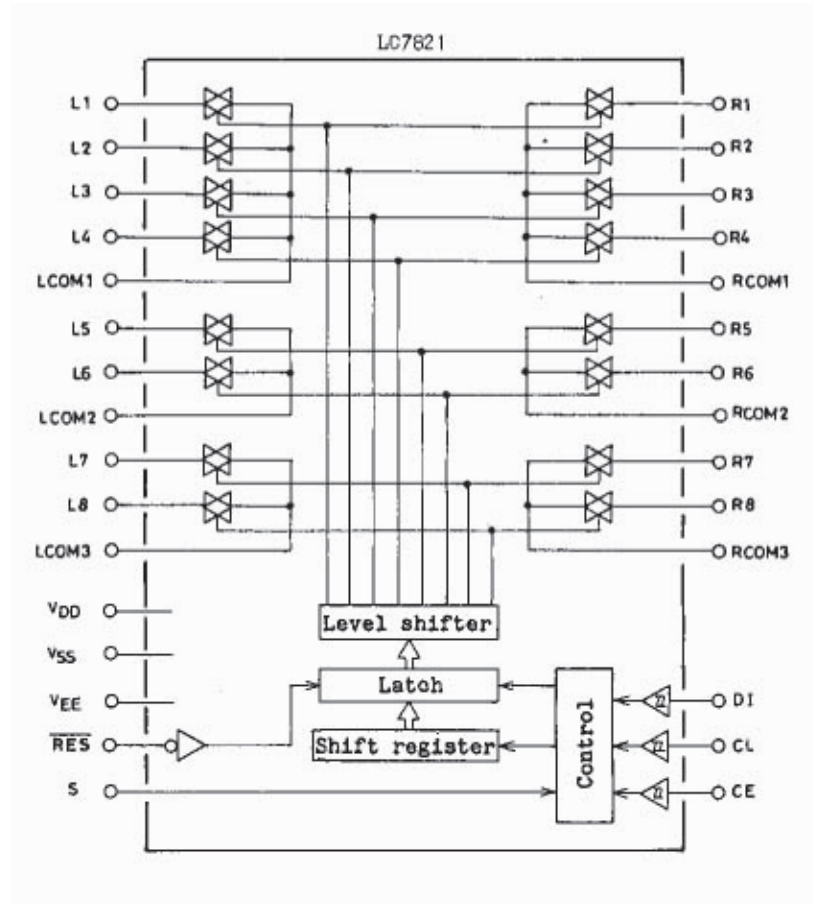


IC 303 : KIA7042AP

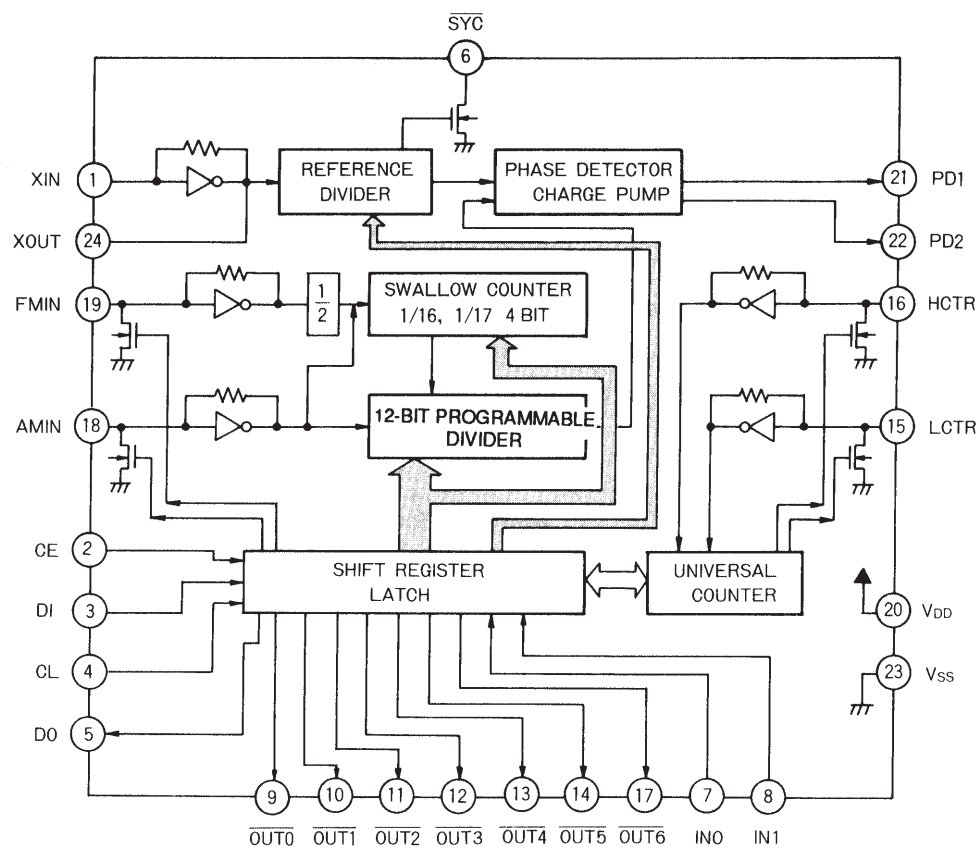


IC 603 : LA3401

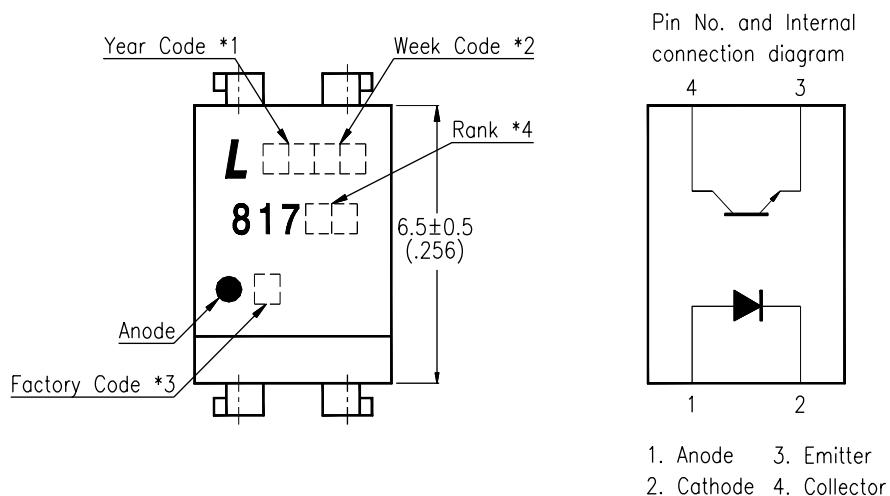


IC 102 : LC7821

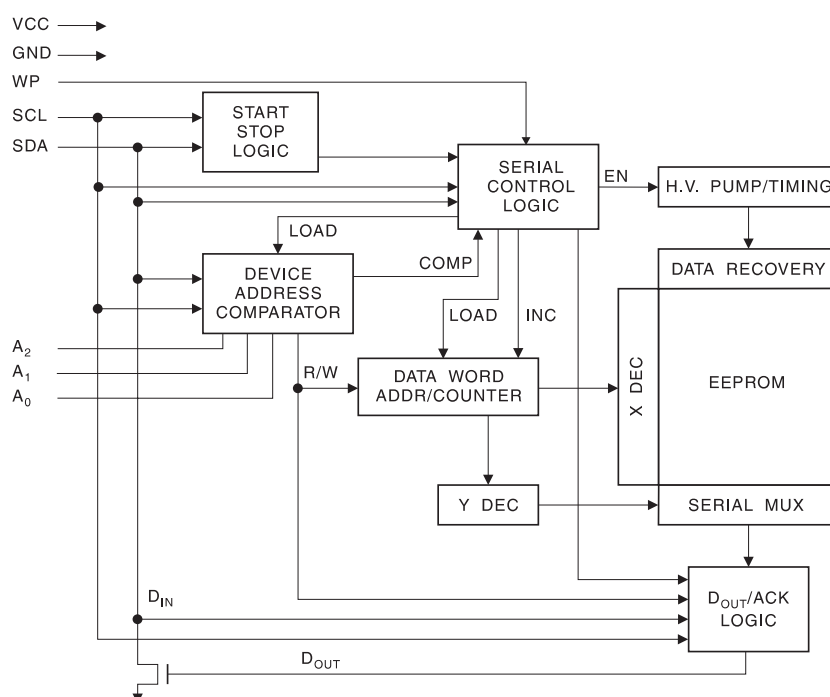
IC 602 : LC7218JM



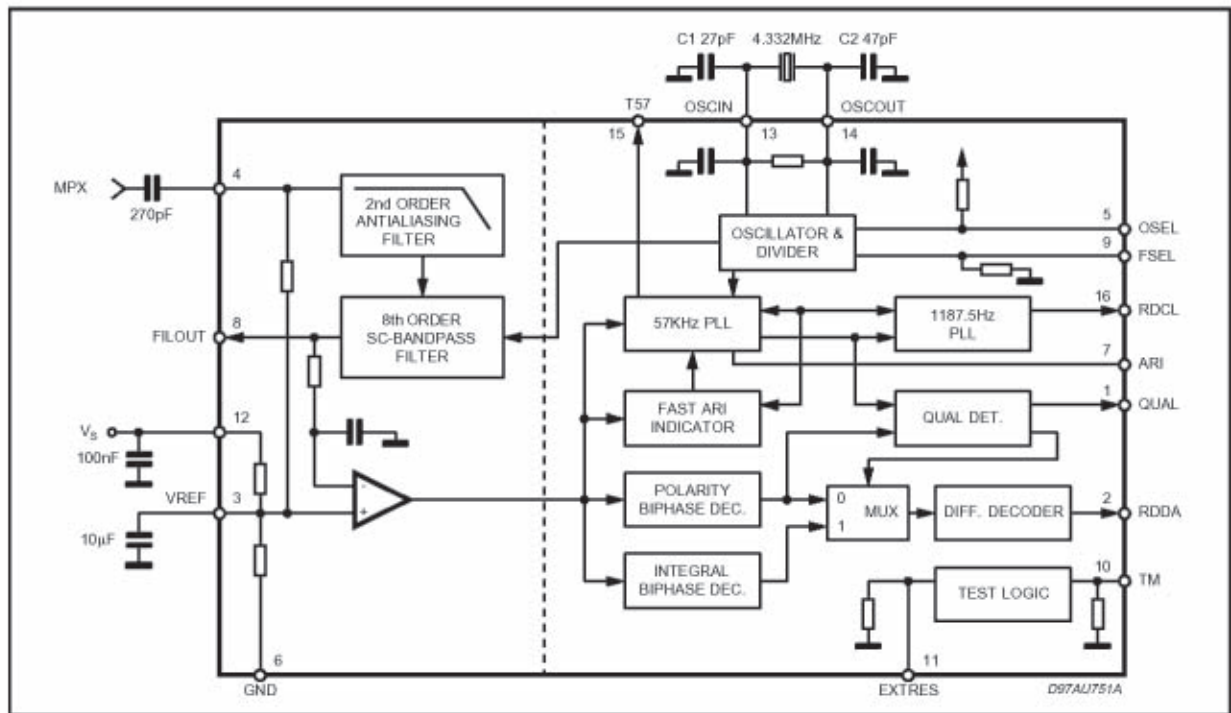
IC 108 : LTV817B



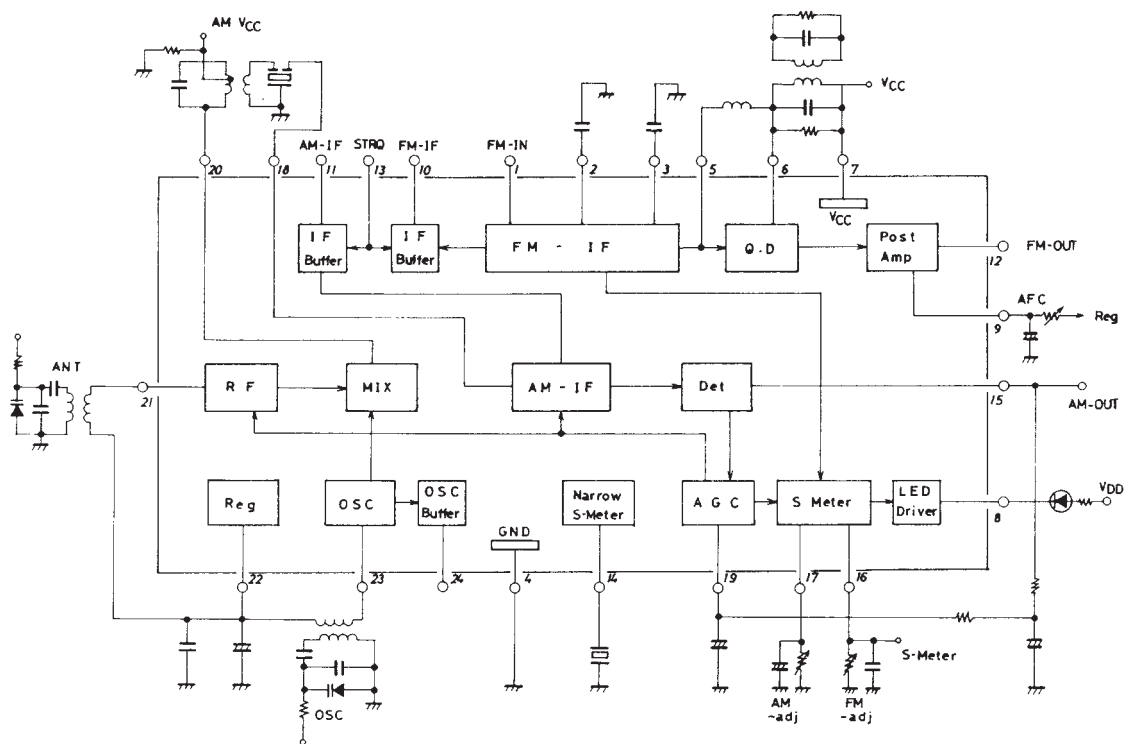
IC 304 : BR24C04



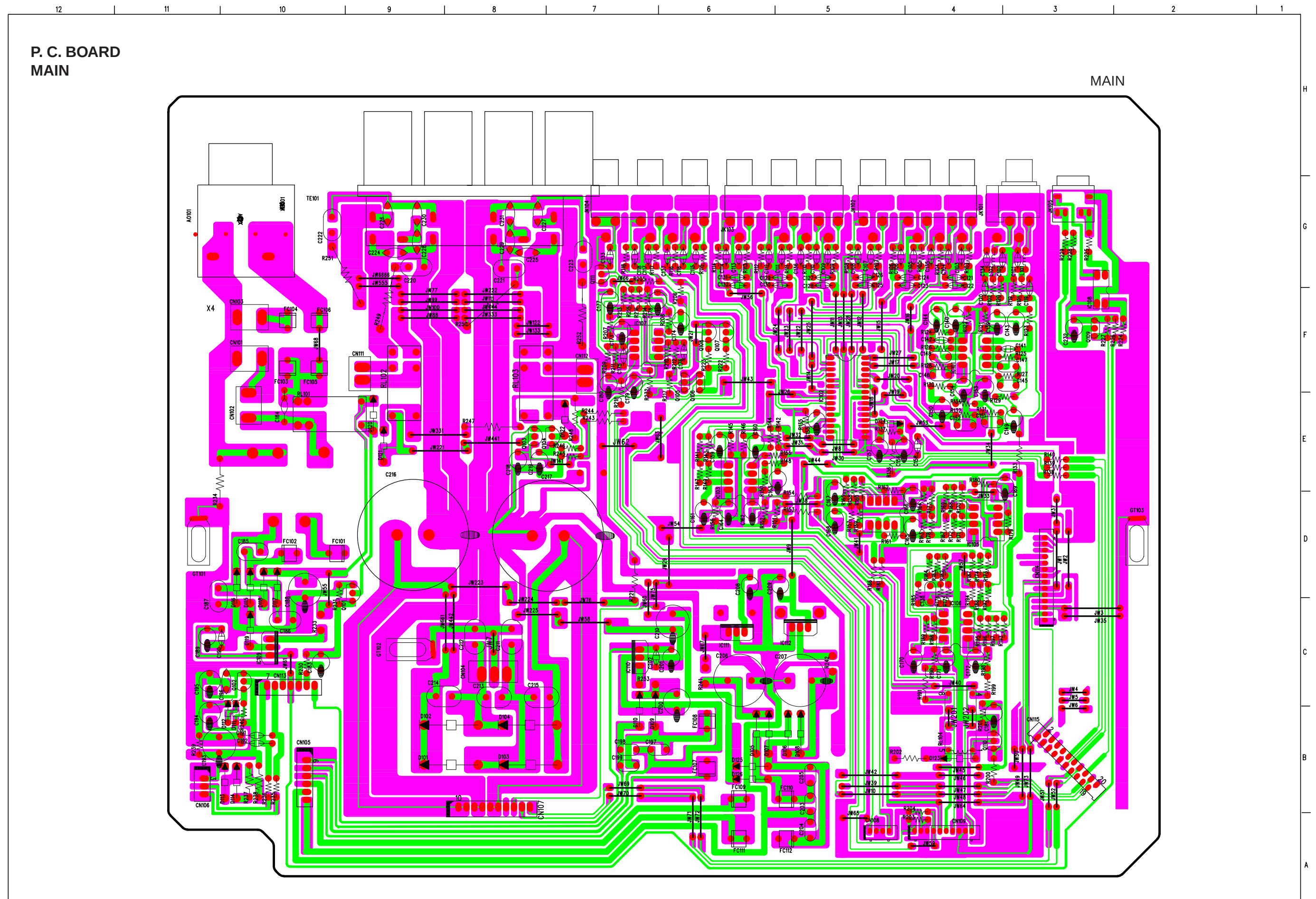
IC 604 : TDA7479D



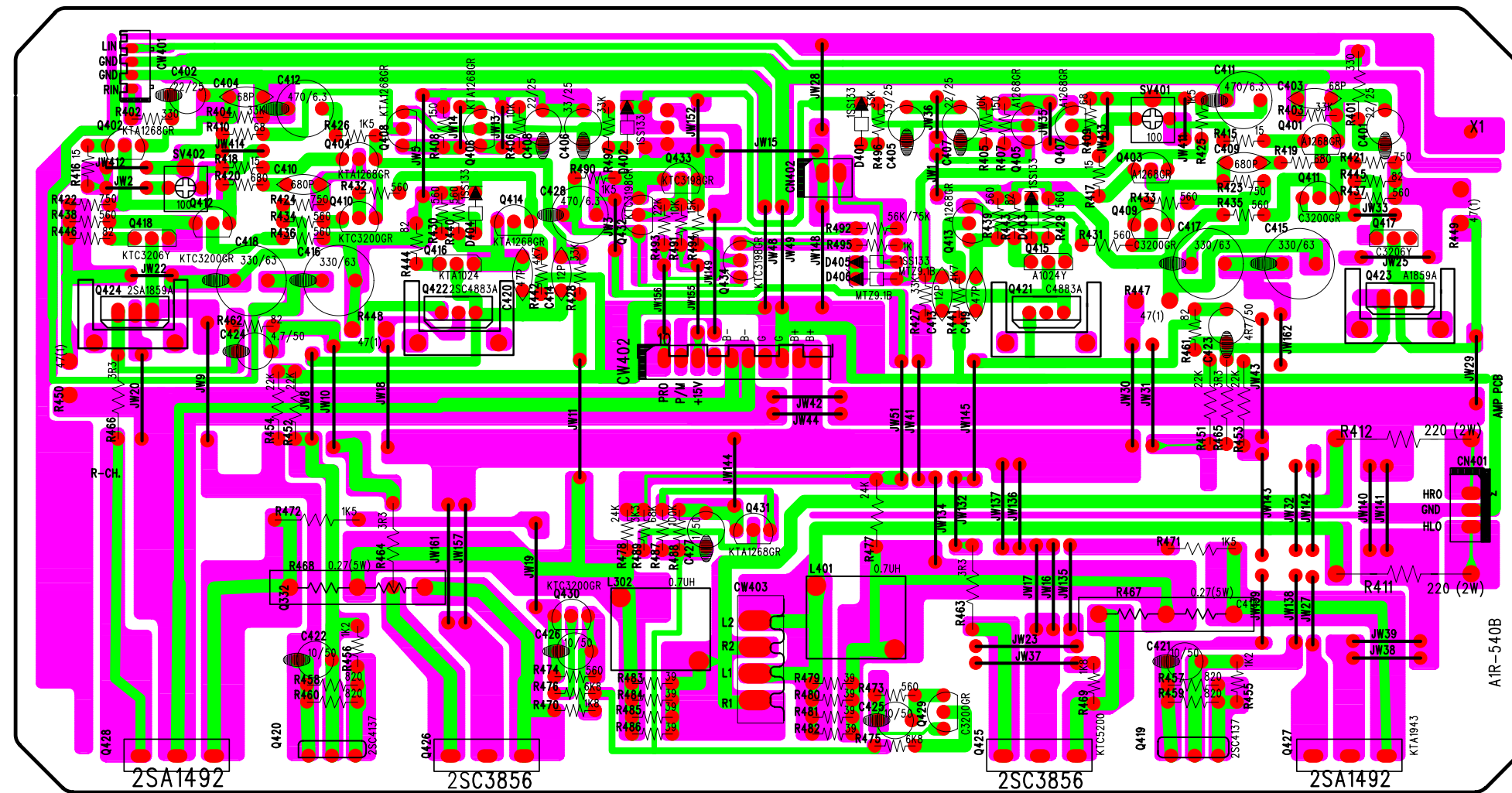
IC 601 : LA1266 AM/FM IF



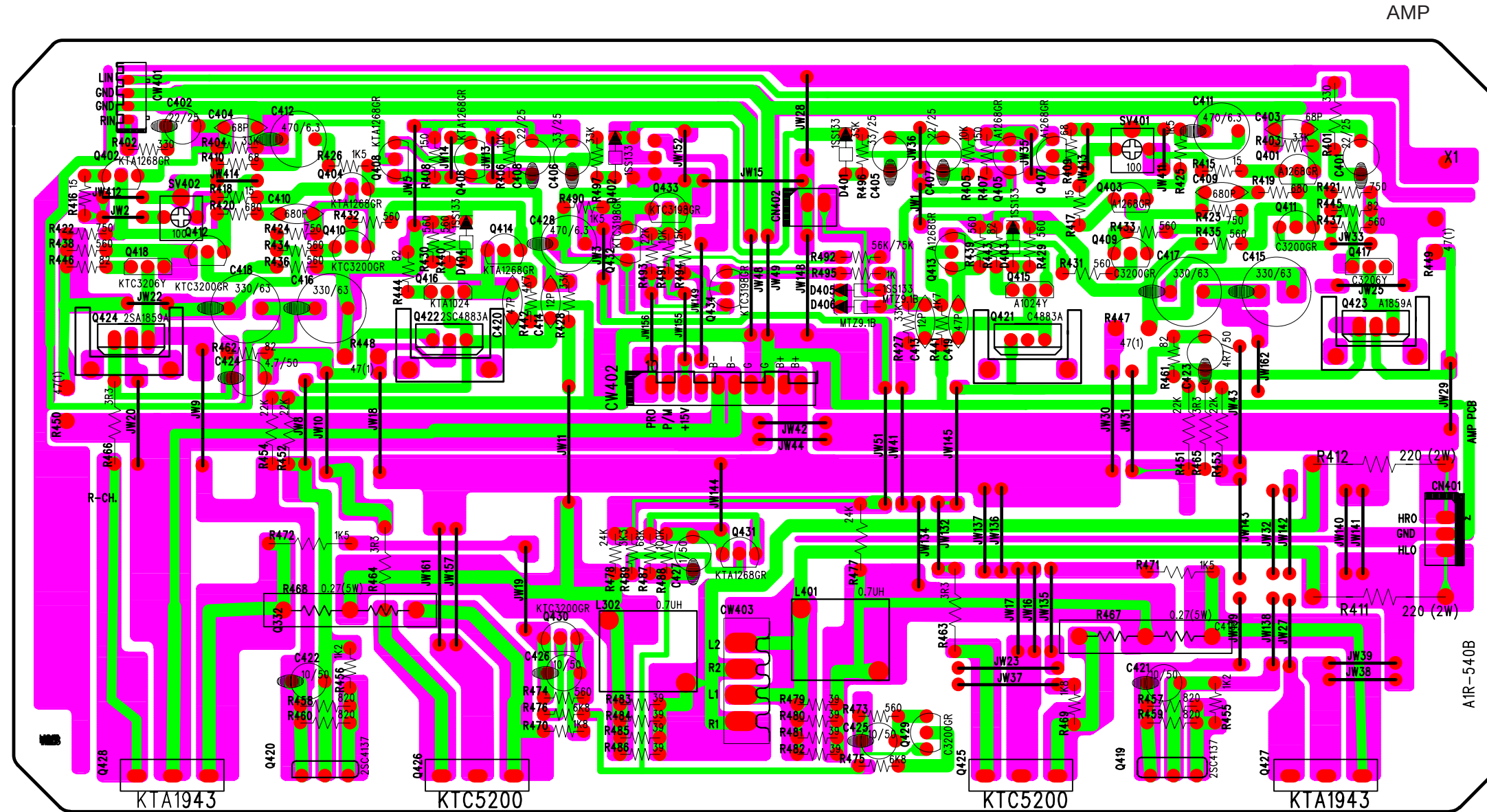
10. P. C. Board



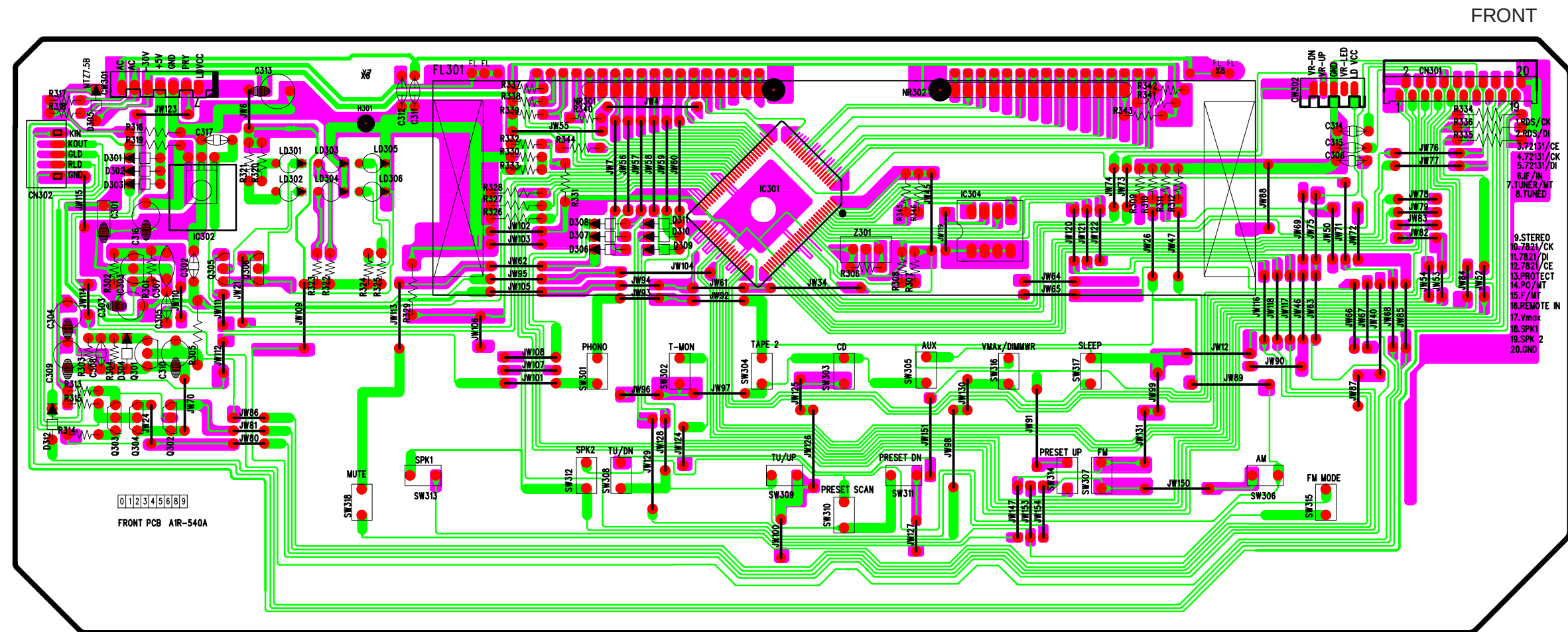
AMP



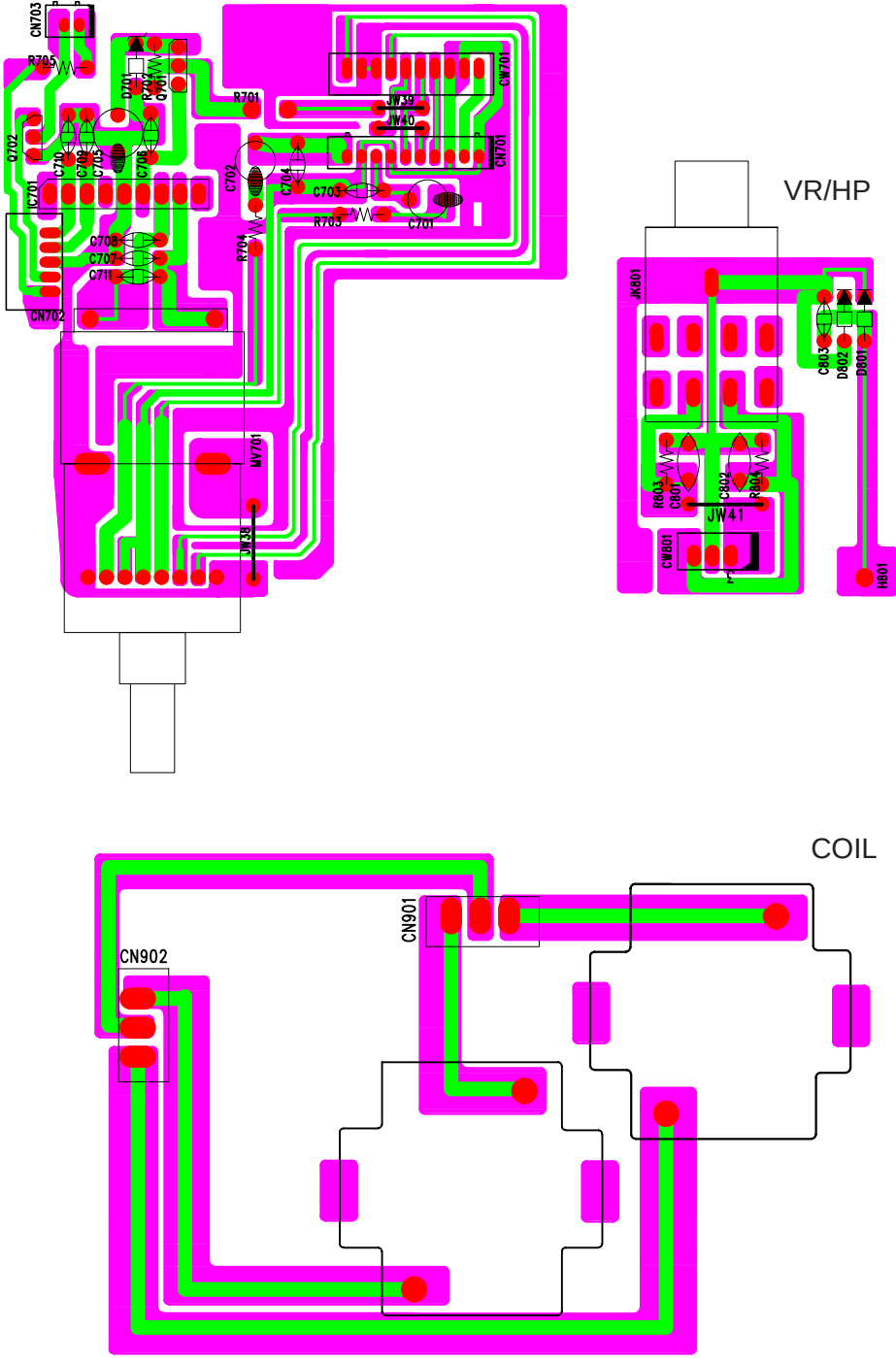
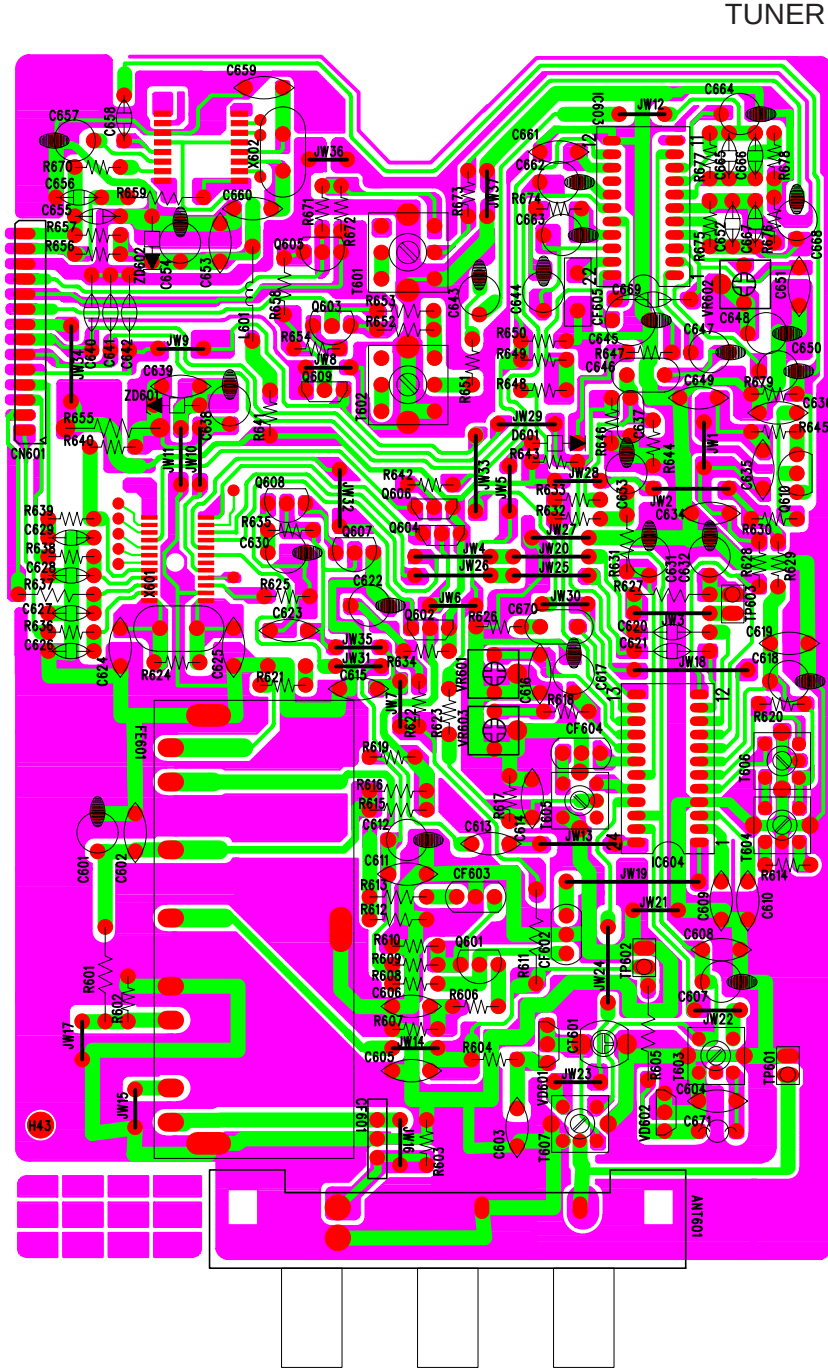
P. C. BOARD
AMP



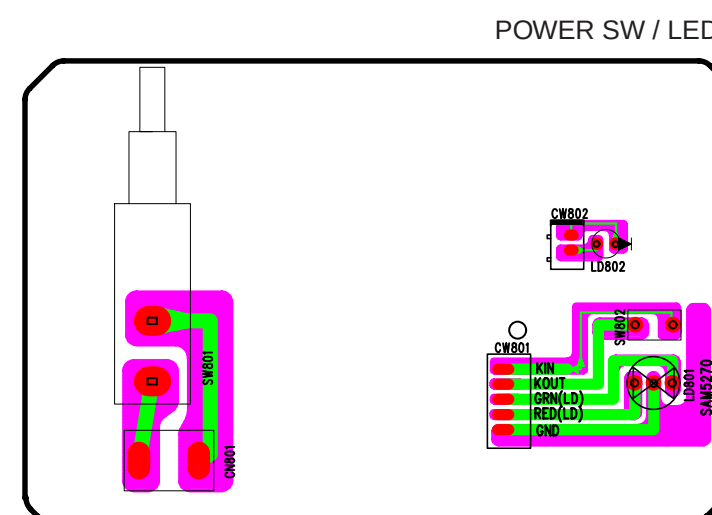
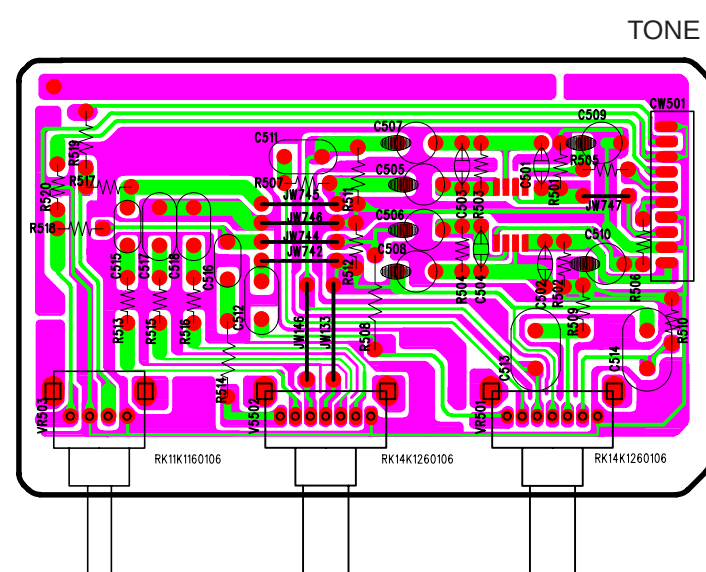
P. C. BOARD
FRONT



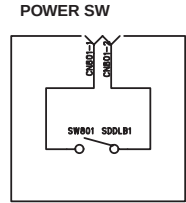
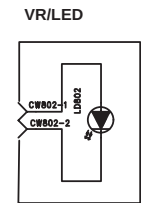
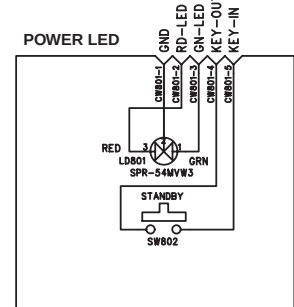
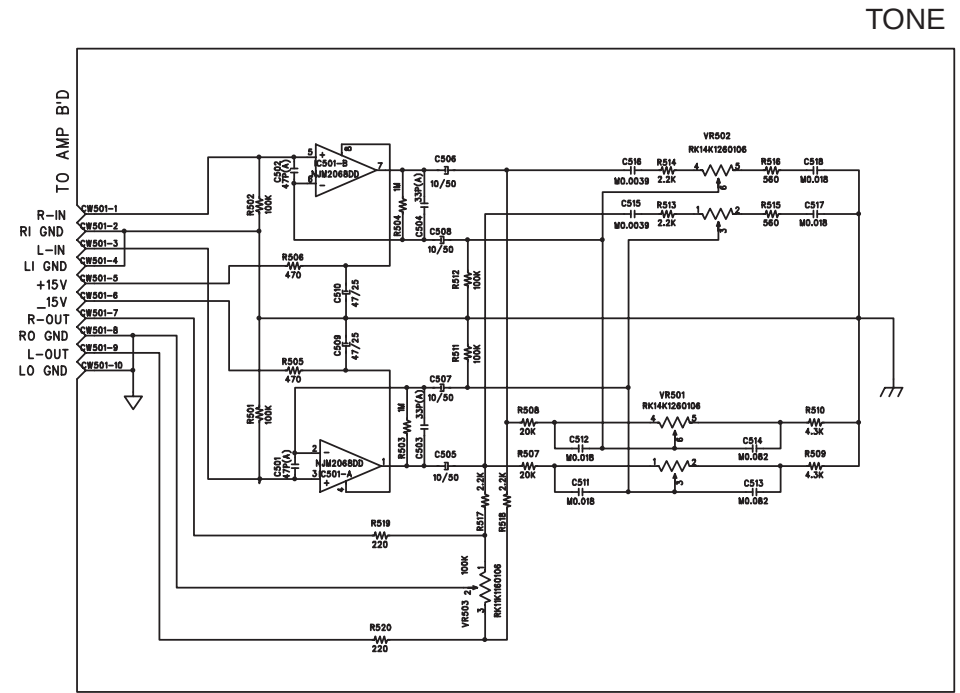
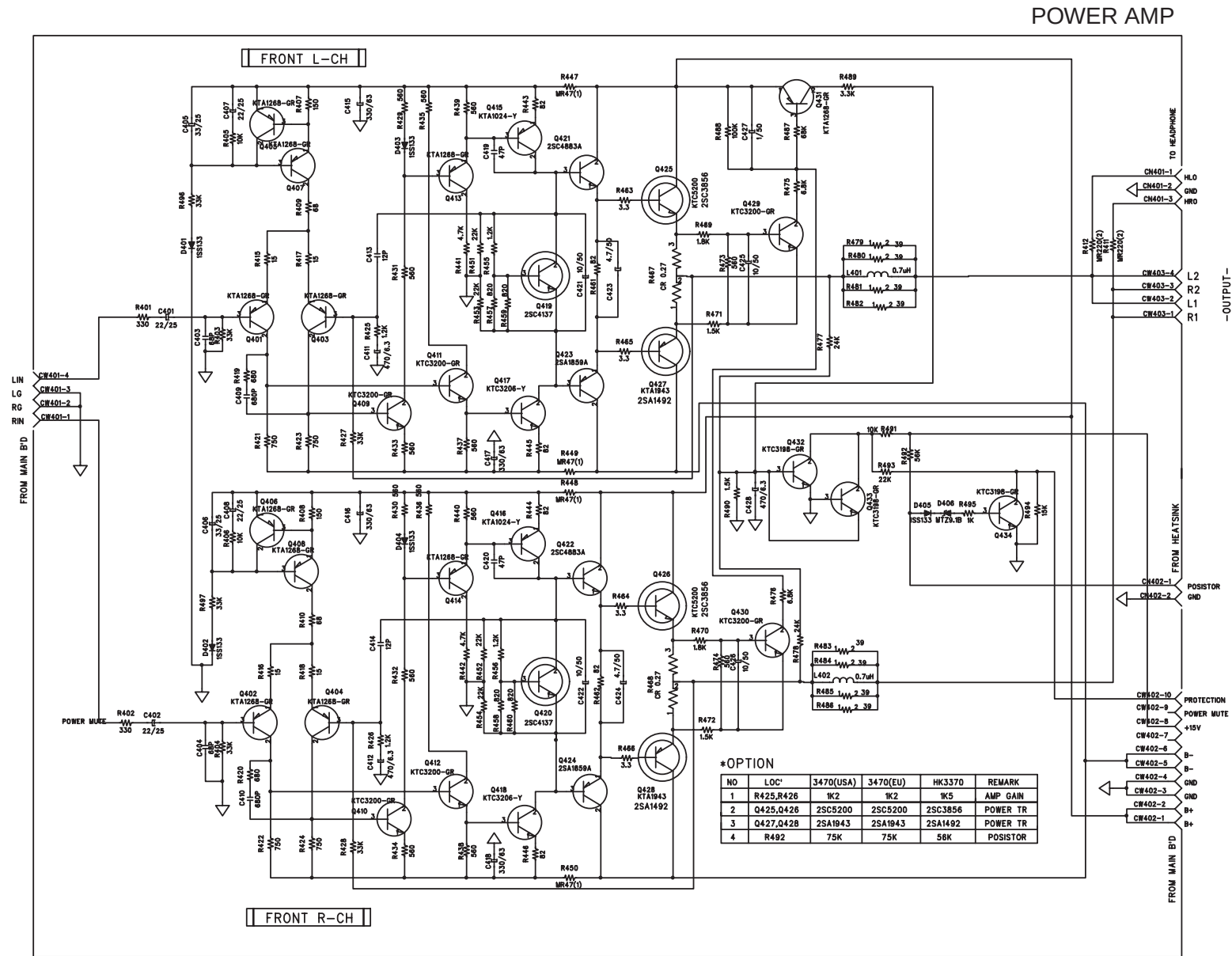
P. C. BOARD
TUNER/VR/HP/COIL



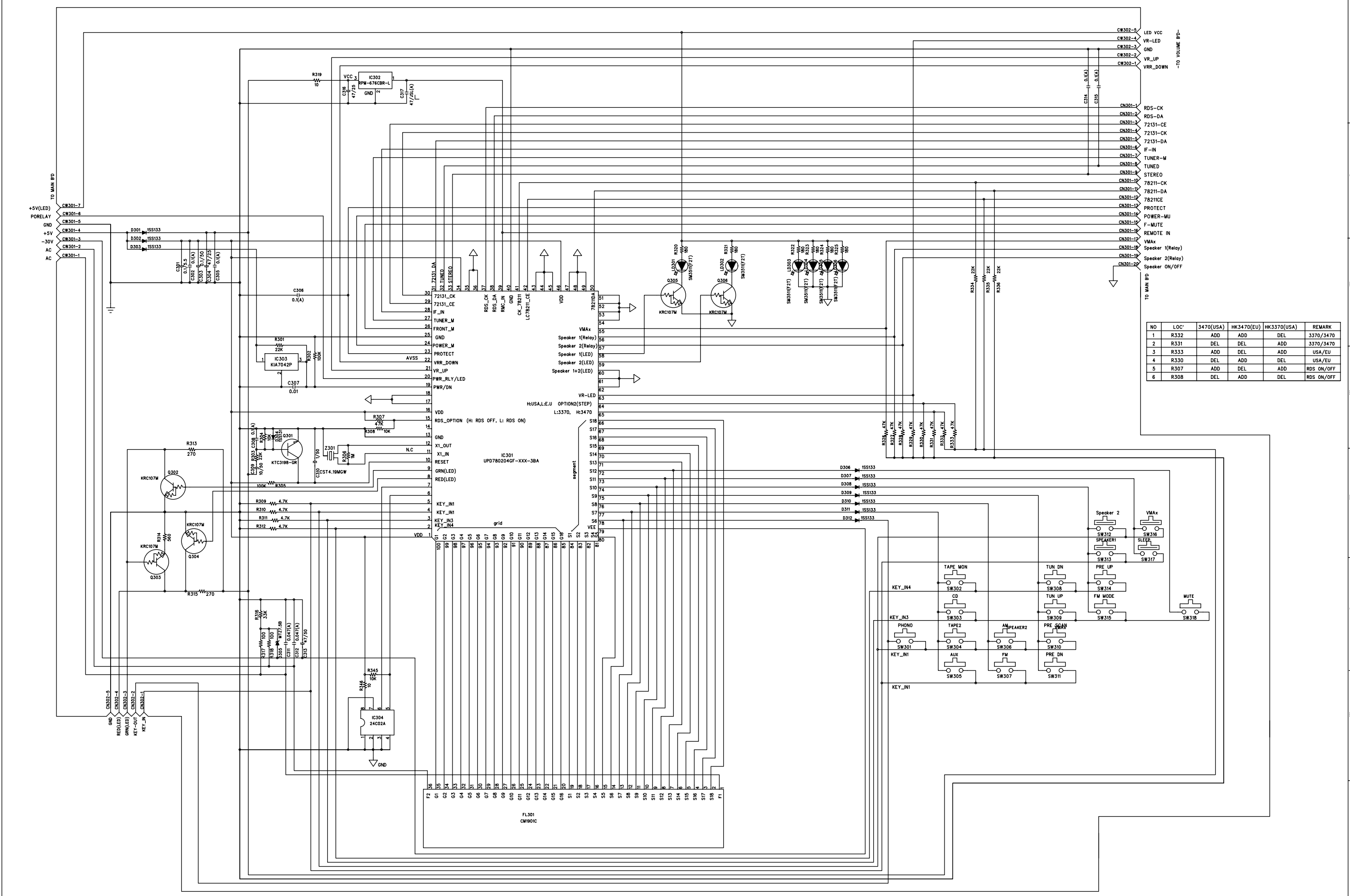
P. C. BOARD
TONE/POWER SW/LED



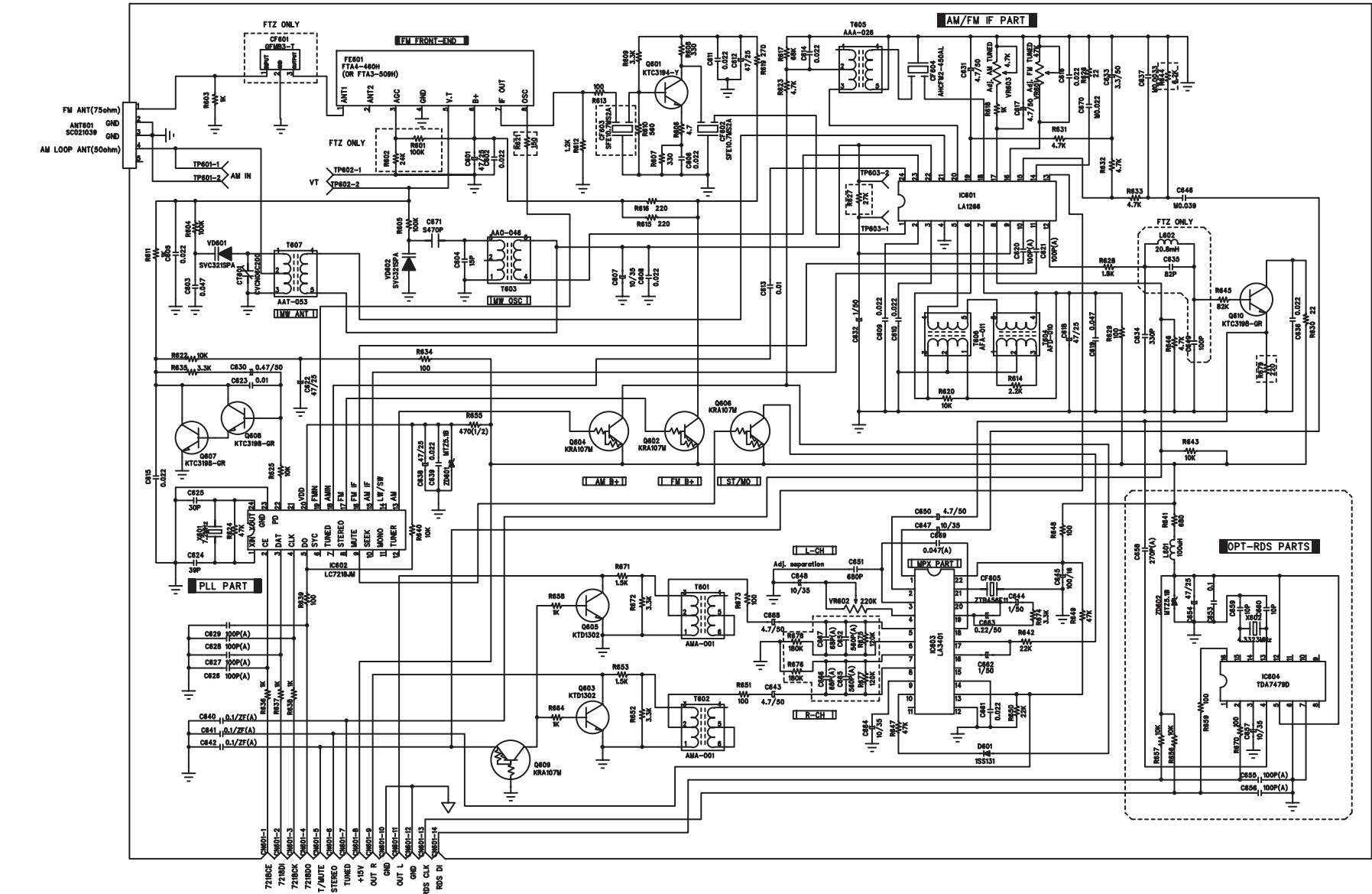
SCHEMATIC DIAGRAM AMP/TONE/ETC.



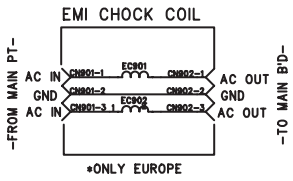
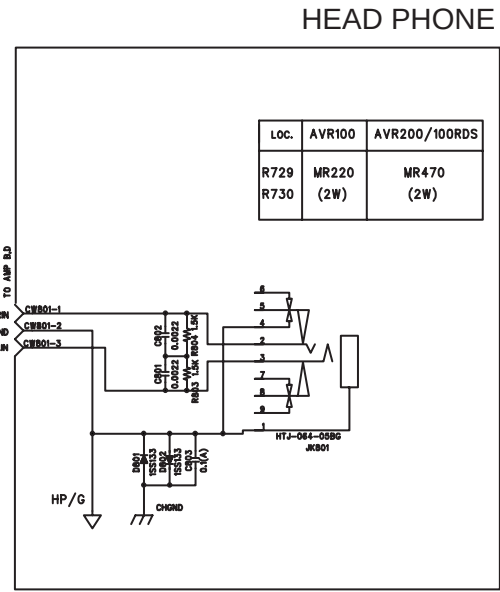
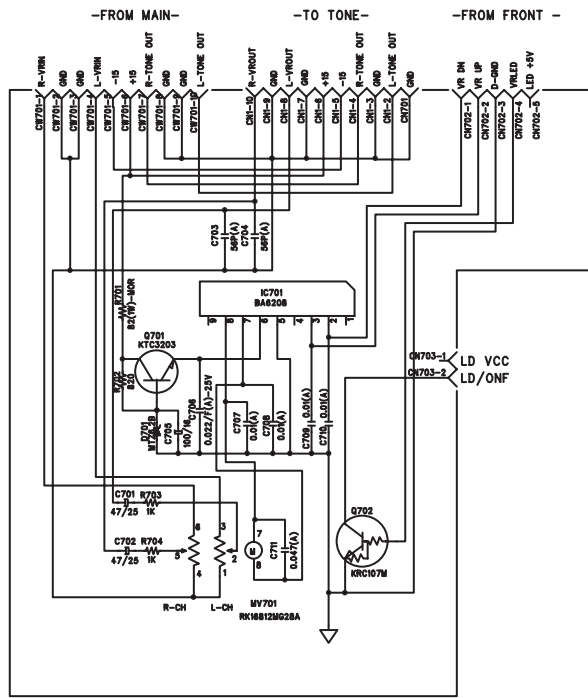
SCHEMATIC DIAGRAM
FRONT



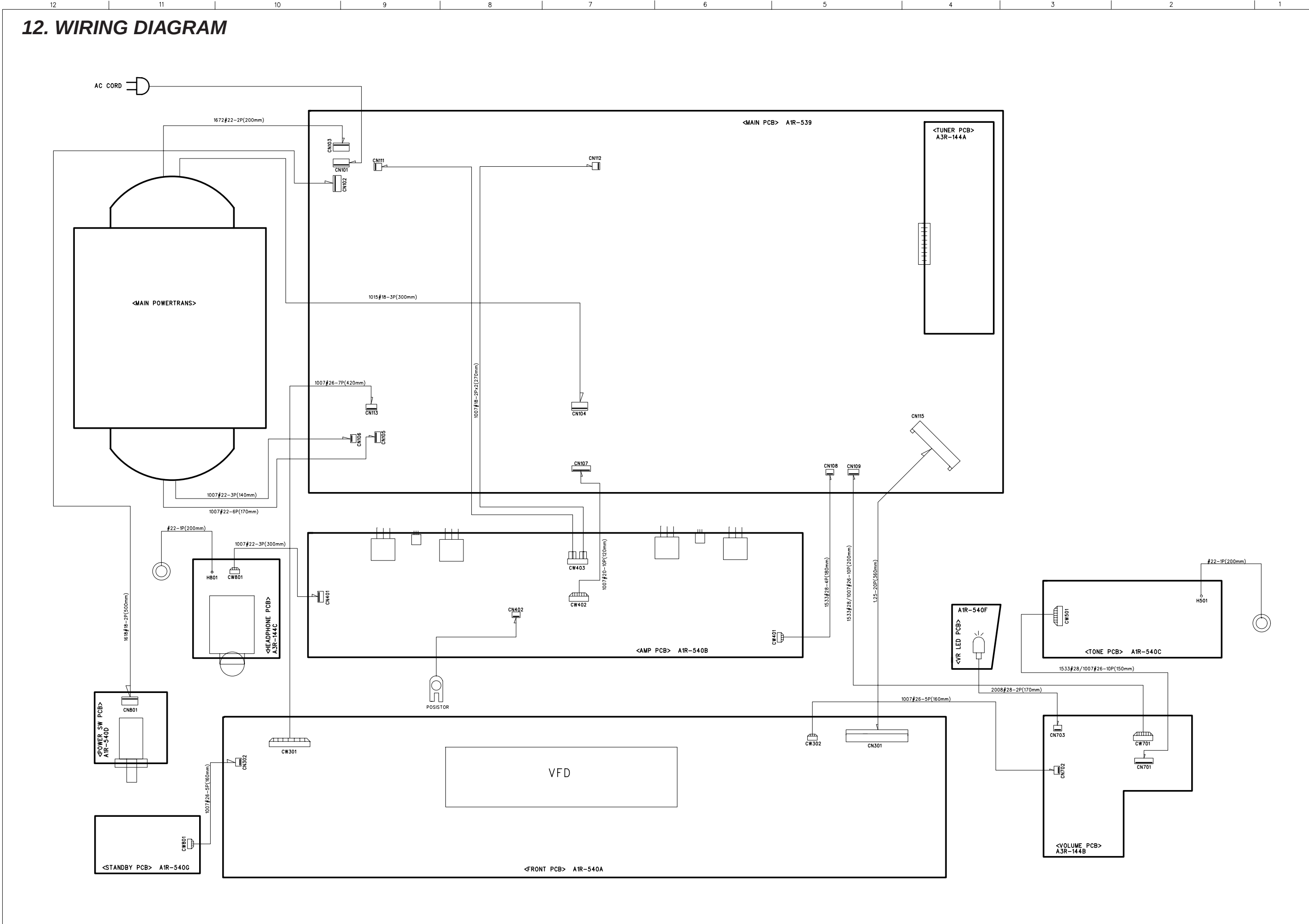
SCHEMATIC DIAGRAM
TUNER/VR/HP



LOC NO	USA	EU
ANT801	SC0210	SC0210
CF601	X	O
JW16	O	X
FE601	FTA3-509HA	FTA4-460H
JW17	O	X
R602	X	O
R601	X	O
C635	X	O
C649	X	O
R644	6.2K	1.5K
L602	X	O
JW1	O	X
R675	120K	220K
R677	120K	220K
C652	560P(A)	220P(A)
C665	68P(A)	10P(A)
C666	68P(A)	10P(A)
R676	180K	270K
R678	180K	270K
R627	27K	47K
R621	470	150
CF603	SFE 10.7MHz	SFE 10.7MHz
RDS	X	O



12. WIRING DIAGRAM

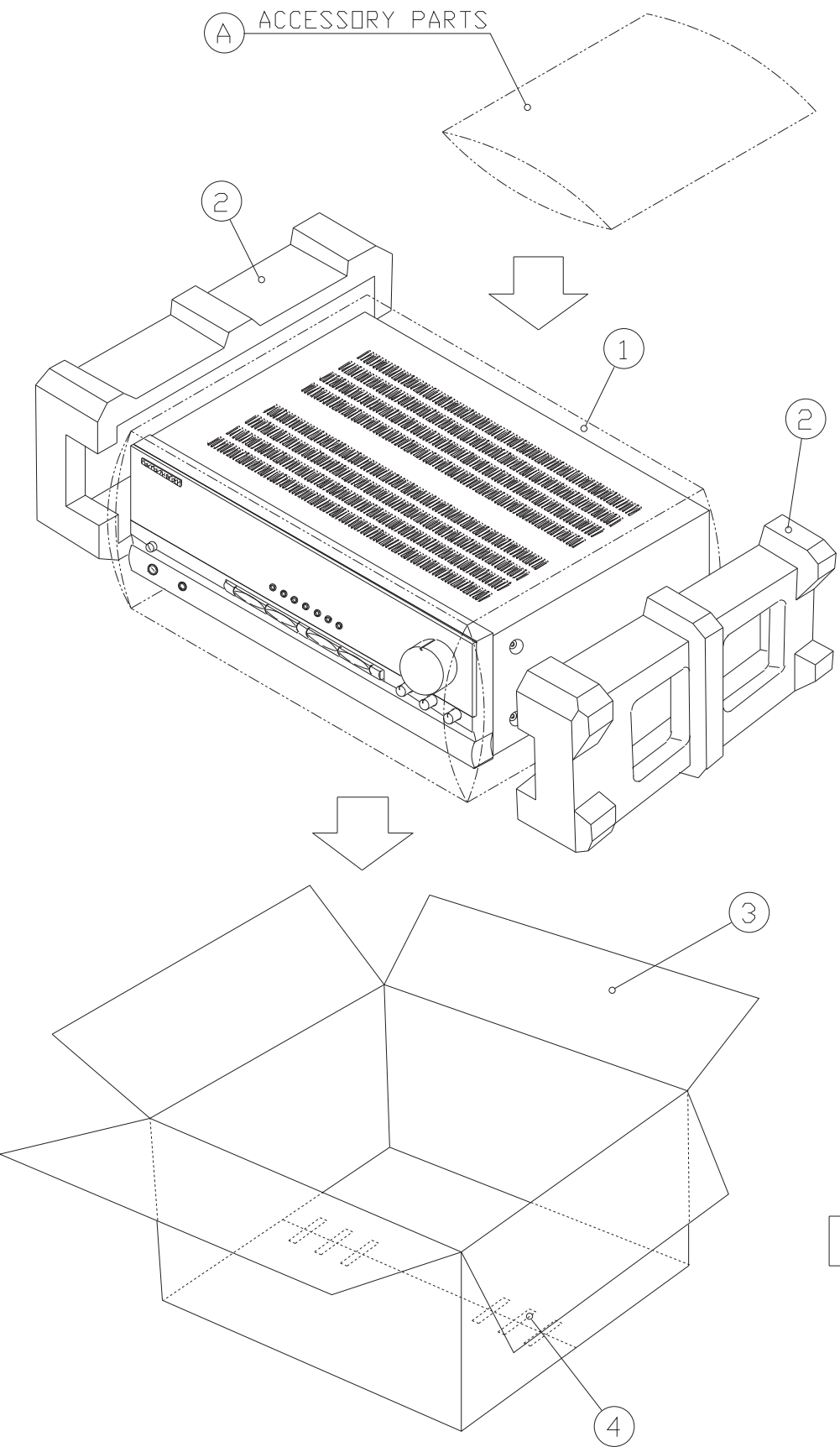


13. Packing Material

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PACKING MATERIAL

HK-3370



PACKING MATERIAL

HK-3370

NO	PARTS NAME	PART NO	Q'TY	REMARK
A	POLY-BAG-I(G)	YVAP-01862-ZZ4	1	***
	INST-MANUAL	YIAR-K2001-02A	1	***
	REMOTE CONTROL ASS'y	ACRC-00670-000	1	***
	WARRANTY CARD	YWAR-K2001-02A	1	***
	BATTERY MANGANESE	BAMN-00010-150	2	***
	ANTENNA-T TYPE	ANNT-00054-075	1	***
	ANTENNA-LOOP	ANL-00060-E50	1	***
	TRANSFORMER-MATCHING	TFMA-00100-D00	1	***
1	TOILON-SHEET	YVAP-13320-ZZ4	1	***
2	CUSHION-L/R	YSAP-12070-002	2	EPS
3	BOX-GIFT	YGAP-14860-ZZ4	1	DW2
4	AIR-STAPLES	MMSC-00900-004	6	STEEL
5	TAPE-DPP	ZTOP-00701-50C	*	***
6	PALLETS	MWAW-00910-003	*	***
7	WRAP	7JJG-00212-001	*	***
8	LABEL-CODE39	YBAP-15580-ZZ4	2	***
9	LABEL-UPC	YBAP-14930-ZZ4	2	***
10	LABEL-SERIAL NO	YBAP-14361-ZZ4	2	***

