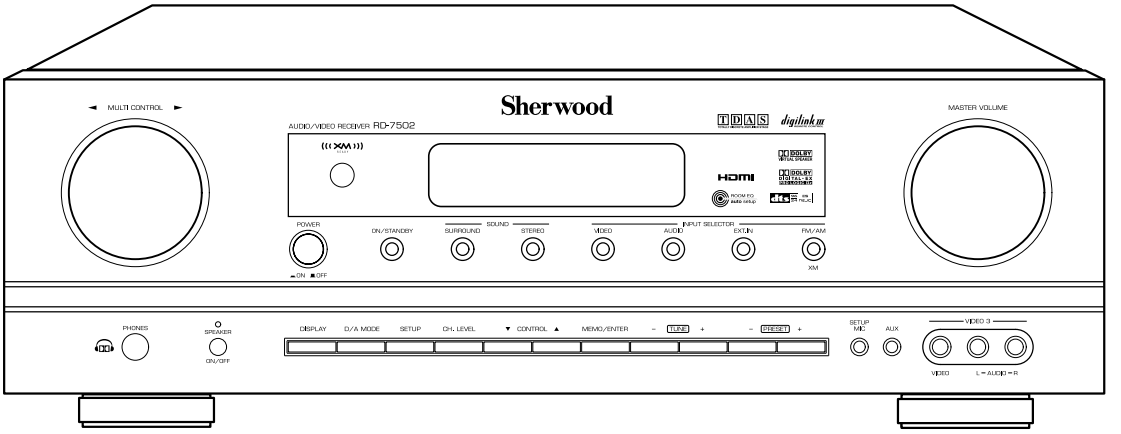
SERVICE MANUAL

RD-7502

AUDIO/VIDEO RECEIVER



■ CONTENTS ■

Sherwood®

SAFETY PRECAUTIONS

WARNING

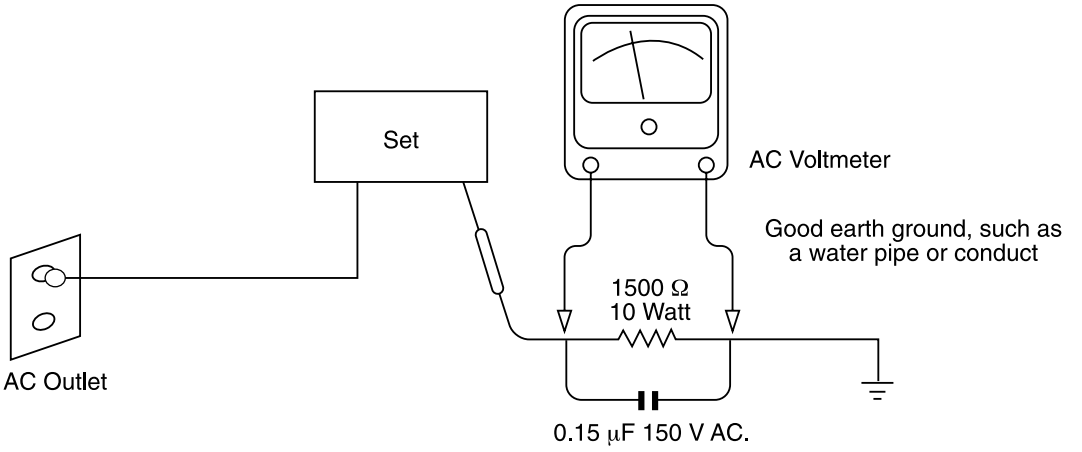
Before servicing this unit, familiarize yourself with the following precautions:

1. Many electrical and mechanical parts in this chassis have special safety characteristics that often pass unnoticed and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts that have these special safety characteristics are identified in this manual and its supplements: electrical components having such features are identified by ⚠ in the schematic diagram and the parts list.

   Before replacing any of these components, read the parts list in this manual carefully. The use of substitute replacement parts that do not have the same safety characteristics as specified in the parts list may create shock, fire, or other hazards.

2. Before returning the set to the customer, always do an AC leakage current check on the exposed metal parts of the cabinet, such as terminals, screw heads, and metal overlays, to be sure the set is safe to operate danger of electrical shock. Plug the AC line cord directly into a 120 V AC outlet(USA Version) or 230 V AC outlet(EU Version). (Do not use a line isolation transformer during this check.) Be sure your AC voltmeter has a sensitivity of 5000 Ω per volt or greater. Then connect a 1500 Ω 10 watt resistor, paralleled by a 0.15 µF 150 V AC capacitor, between a known good earth ground(such as a water pipe, or conduit) and the exposed metallic parts, one at a time. Measure the AC voltage across the combination of a 1500 Ω resistor and a 0.15 µF capacitor. Reverse the AC plug at the AC outlet and repeat AC voltage measurements for each exposed metalic part. Voltage measured must not exceed 0.75 V RMS. This corresponds to 0.2 mA AC. Any value exceeding this limit constitutes a potential shock hazard and must be corrected immediately.

At 5000 Ω per volt or greater sensitivity,
the reading should not exceed 0.75 V.



Place the probe on each exposed metalic part.

SPECIFICATION

Measuring methods are based on IHF and IEC standard 268-3
Measurements conditions,unless otherwise noted :

Output resistive load = (6) ohms / Both channel driven
Tone Direct ON , Other SW's : OFF
Nominal input level : 5mV for MM, 0.5mV for MC, 500mV for general purpose inputs
Power figures should be kept minimum 10min. between 15 and 35℃
Terminator : 100ohm for MC, 1kohm for MM and general purpose inputs
Filter : IHF-A filter, R/O = Rated Output

Power supply : 120V/60Hz(A), 230V/50Hz(AUS/RDS), 220V/60Hz(K)

● FRONT AMP SECTION

*** SPKR LEVEL : ALL 0dB** *** SPK SIZE : LLLLY**
*** EXT IN INPUT** *** TONE OFF**

No.	DESCRIPTION	INPUT	FREQ.	REMARK	UNIT	LIMIT L/R	NOMINAL L/R
1	INPUT SENSITIVITY	EXT IN INPUT	1kHz	R/O	mV	300±50	300±30
2	TOTAL HARMONIC DISTORTION (STEREO IN)	EXT IN INPUT	40Hz	R/O-3dB	%	≤0.12	≤0.08
			1kHz	R/O-3dB	%	≤0.12	≤0.08
			20KHz	R/O-3dB	%	≤0.2	≤0.12
3	CONTINUOUS AVERAGE POWER at 1% THD (STEREO IN)	EXT IN INPUT	40Hz	(6)ohms	W	85	90
			1kHz	〃	W	95	100
			20KHz	〃	W	85	90
4	S/N RATIO, INPUT SHORT IHF-A FILTER	EXT IN INPUT	1KHz	R/O	dB	≥85	≥90
5	FREQUENCY RESPONSE (-3dB)	EXT IN INPUT		1W/1KHz Ref.	Hz~kHz	20~50	20~55

● CENTER AMP SECTION (FRONT CENTER)

*** SPKR LEVEL : ALL 0dB** *** SPK SIZE : LLLLY**
*** EXT IN INPUT** *** TONE OFF**

No.	DESCRIPTION	INPUT	FREQ.	REMARK	UNIT	LIMIT	NOMINAL
1	INPUT SENSITIVITY	EXT IN INPUT	1kHz	R/O	mV	300±50	300±30
2	TOTAL HARMONIC DISTORTION (STEREO IN)	EXT IN INPUT	40Hz	R/O-3dB	%	≤0.12	≤0.08
			1kHz	R/O-3dB	%	≤0.12	≤0.08
			20KHz	R/O-3dB	%	≤0.2	≤0.12
3	CONTINUOUS AVERAGE POWER at 1% THD (STEREO IN)	EXT IN INPUT	40Hz	(6)ohms	W	85	90
			1kHz	〃	W	95	100
			20KHz	〃	W	85	90
4	S/N RATIO, INPUT SHORT IHF-A FILTER	EXT IN INPUT	1KHz	R/O	dB	≥85	≥90
5	FREQUENCY RESPONSE (-3dB)	EXT IN INPUT		1W/1KHz Ref.	Hz~kHz	20~50	20~55

● SURROUND AMP SECTION

*** SPKR LEVEL : ALL 0dB** *** SPK SIZE : LLLLY**

*** EXT IN INPUT** *** TONE OFF**

No.	DESCRIPTION	INPUT	FREQ.	REMARK	UNIT	LIMIT L/R	NOMINAL L/R
1	INPUT SENSITIVITY	EXT IN INPUT	1kHz	R/O	mV	300±50	300±30
2	TOTAL HARMONIC DISTORTION (STEREO IN)	EXT IN INPUT	40Hz	R/O-3dB	%	≤0.12	≤0.08
			1kHz	R/O-3dB	%	≤0.12	≤0.08
			20KHz	R/O-3dB	%	≤0.3	≤0.2
3	CONTINUOUS AVERAGE POWER at 1% THD (STEREO IN)	EXT IN INPUT	40Hz	(6)ohms	W	85	90
			1kHz	〃	W	95	100
			20KHz	〃	W	85	90
4	S/N RATIO, INPUT SHORT IHF-A FILTER	EXT IN INPUT	1KHz	R/O	dB	≥85	≥90
5	FREQUENCY RESPONSE (-3dB)	EXT IN INPUT		1W/1KHz Ref.	Hz~kHz	20~50	20~55

● SURROUND BACK AMP SECTION

*** SPKR LEVEL : ALL 0dB** *** SPK SIZE : LLLLY**

*** EXT IN INPUT** *** TONE OFF**

No.	DESCRIPTION	INPUT	FREQ.	REMARK	UNIT	LIMIT L/R	NOMINAL L/R
1	INPUT SENSITIVITY	EXT IN INPUT	1kHz	R/O	mV	300±50	300±30
2	TOTAL HARMONIC DISTORTION (STEREO IN)	EXT IN INPUT	40Hz	R/O-3dB	%	≤0.12	≤0.08
			1kHz	R/O-3dB	%	≤0.12	≤0.08
			20KHz	R/O-3dB	%	≤0.3	≤0.2
3	CONTINUOUS AVERAGE POWER at 1% THD (STEREO IN)	EXT IN INPUT	40Hz	(6)ohms	W	85	90
			1kHz	〃	W	95	100
			20KHz	〃	W	85	90
4	S/N RATIO, INPUT SHORT IHF-A FILTER	EXT IN INPUT	1KHz	R/O	dB	≥85	≥90
5	FREQUENCY RESPONSE (-3dB)	EXT IN INPUT		1W/1KHz Ref.	Hz~kHz	20~50	20~55

● SUBWOOFER SECTION

*** SPKR LEVEL : ALL 0dB** *** SPK SIZE : LLLLY**

*** EXT IN INPUT** *** TONE OFF**

No.	DESCRIPTION	INPUT	FREQ.	REMARK	UNIT	LIMIT L/R	NOMINAL L/R
1	PRE OUTPUT LEVEL	SUB-CH(300mV)	30Hz	VOL max.	V	3.5±1.0	3.5±0.5

● STEREO SECTION

*** SPKR LEVEL : ALL 0dB** *** SPK SIZE : LLLLY**

*** TONE OFF(TONE DIRECT)**

No.	DESCRIPTION	INPUT	FREQ.	REMARK	UNIT	LIMIT L/R	NOMINAL L/R
1	INPUT SENSITIVITY	CD	1kHz		mV	300±50	300±30
2	CHANNEL BALANCE	CD	1kHz	R/O TO -40dB	dB	±3	±2
3	RESIDUAL NOISE	CD	1kHz	VOL min.	mV	≤2.0	≤1.5
	(INPUT SHORT)		1kHz	VOL max.	mV		
4	TOTAL HARMONIC DISTORTION	CD(300mV)	(40)Hz	R/O-3dB	%	≤0.12	≤0.08
			1kHz	〃	%	≤0.12	≤0.08
			(20)KHz	〃	%	≤0.2	≤0.12
5	CONTINUOUS AVERAGE POWER	CD	(40)Hz	(6)ohms	W	85	90
	at 1% THD		1kHz	〃	W	95	100
			(20)KHz	〃	W	85	90
6	S/N RATIO, IHF-A FILTER	CD(300mV)	1kHz	R/O	dB	≥85	≥90
			1kHz	1W	dB		
7	CHANNEL SEPARATION	CD(300mV)	100Hz	R/O-3dB	dB	≥50	≥65
			1kHz	〃	dB	≥55	≥65
			10kHz	〃	dB	≥40	≥50
8	FUNCTION CROSSTALK	CD → TAPE IN	1kHz	〃	dB	≥60	≥65
	(INPUT SHORT)		10kHz	〃	dB	≥40	≥45
9	FREQUENCY RESPONSE (-3dB)	CD(300mV)		1W	Hz~kHz	20~50	20~55
10	TONE CONTROL , ±(10)dB	CD	100Hz	1W	dB	±10(±3)	±10(±2)
	(TONE ON)		10kHz	〃	dB	±10(±3)	±10(±2)
11	HEADPHONE OUTPUT(STEREO)	CD(300mV)	1kHz	R/O	V	3.0±1.0	3.0±0.5
	H/P = 64ohms						
12	CINEMA EQ(SPK : LLLY)	SUB-CH(300mV)	10kHz	1W	dB	-4.5±1.5	-4.5±1

VIDEO SECTION

- Impedance : Video output level at 75 ohm
- Test Equipment : SCOPE,VN30A1
- DISC : TDV - 540 TEST DISC (ABEX)
- MEASUREMENT POSITION : AT MONITOR OUT

(1) INPUT : C-VIDEO → OUTPUT : C-VIDEO

No.	DESCRIPTION		INPUT	REMARK	UNIT	LIMIT	NOMINAL
1	OUTPUT LEVEL		WHITE 100%	C-VIDEO	Vp-p	1±0.4	1±0.2
2	S/N RATIO		WHITE 50% TITLE2 CHAP.4		dB	40	45
	Brightness S/N (VN30A1)	HPF 100KHz					
		LPF 4.2MHz					
		SC Trap ON					
	Color S/N	HPF 10KHz	MAGENTA TITLE2 CHAP.17	AM	dB	40	45
	* ALC : OFF	LPF 500KHz					
	* RANGE : AUTO			PM	dB	40	45
	* BOTH						

(2) INPUT : S-VIDEO → OUTPUT : C-VIDEO

No.	DESCRIPTION		INPUT	REMARK	UNIT	LIMIT	NOMINAL
1	OUTPUT LEVEL		WHITE 100%		Vp-p	1±0.4	1±0.2
2	S/N RATIO		WHITE 50% TITLE2 CHAP.4		dB	≥40	≥45
	Brightness S/N (VN30A1)	HPF 100KHz					
		LPF 4.2MHz					
		SC Trap ON					
	Color S/N	HPF 10KHz	MAGENTA TITLE2 CHAP.17	AM	dB	≥40	≥45
	* ALC:OFF	LPF 500KHz					
	* RANGE:AUTO			PM	dB	≥40	≥45
	* BOTH						

(3) INPUT : C-VIDEO → OUTPUT : S-VIDEO

No.	DESCRIPTION	INPUT	REMARK	UNIT	LIMIT	NOMINAL
1	OUTPUT LEVEL	WHITE 100%		Vp-p	1±0.4	1±0.2
2	BURST LEVEL	Color Bar Play (Title 2,Chap 1)	C-VIDEO	mVp-p	282±80	282±50

(4) INPUT : S-VIDEO → OUTPUT : S-VIDEO

No.	DESCRIPTION	INPUT	REMARK	UNIT	LIMIT	NOMINAL
1	OUTPUT LEVEL	WHITE 100%		Vp-p	1±0.4	1±0.2
2	BURST LEVEL	Color Bar Play (Title 2,Chap 1)	C-VIDEO	mVp-p	282±100	282±80

(5) INPUT : C-VIDEO → OUTPUT : COMPONENT(A/K ONLY)

No.	DESCRIPTION	INPUT	REMARK	UNIT	LIMIT	NOMINAL
1	OUTPUT LEVEL	WHITE 100%	Y	Vp-p	1±0.4	1±0.2
		Color Bar Play (Title 2,Chap 1)	R-Y	Vp-p	0.5±0.2	0.5±0.1
			B-Y	Vp-p	0.5±0.2	0.5±0.1

(6) INPUT : S-VIDEO → OUTPUT : COMPONENT(A/K ONLY)

No.	DESCRIPTION	INPUT	REMARK	UNIT	LIMIT	NOMINAL
1	OUTPUT LEVEL	WHITE 100%	Y	Vp-p	1±0.4	1±0.2
		Color Bar Play (Title 2,Chap 1)	R-Y	Vp-p	0.5±0.2	0.5±0.1
			B-Y	Vp-p	0.5±0.2	0.5±0.1

(7) INPUT : COMPONENT → OUTPUT : COMPONENT

No.	DESCRIPTION	INPUT	REMARK	UNIT	LIMIT	NOMINAL
1	OUTPUT LEVEL	WHITE 100%	Y	Vp-p	1±0.4	1±0.2
		Color Bar Play (Title 2,Chap 1)	R-Y	Vp-p	0.5±0.2	0.5±0.1
			B-Y	Vp-p	0.5±0.2	0.5±0.1

☞ DOLBY DIGITAL INPUT SECTION

- INPUT : COAXIAL (CD DIGITAL)
- SURROUND MODE : DOLBY DIGITAL
- VOLUME POSISTION : 55dB
- AT SPEAKER OUT Disc:LD VER 1.0

No.	DESCRIPTION	INPUT	FREQ.	CHAP	UNIT	SPEC	
						NOMI.	LIMIT
1	OUT PUT LEVEL Disc All CH 0dB SPK MODE:LLLY,BACK-NO	FRONT	1KHz	8 ,12	V	9.5±1	9.5±2
		CENTER	1KHz	10	V	9.5±1	9.5±2
		SURR	1KHz	14,16	V	9.5±1	9.5±2
		S/W	30Hz	18	V	1.0±0.5	1.0±0.8
2	T.H.D Disc 0dB LPF(20KHz) SPK MODE:LLLY,BACK-NO	FRONT	1KHz	38	%	≤0.3	≤0.5
		CENTER	1KHz	38	%	≤0.3	≤0.5
		SURR	1KHz	38	%	≤0.3	≤0.5
		S/W	30Hz	18	%	≤0.25	≤0.3
3	S/N LPF(20KHz) JIS-A FILTER,Disc -20dB SPK MODE:LLLY,BACK-NO	FRONT	1KHz	6	dB	≥65	≥60
		CENTER	1KHz	6	dB	≥65	≥60
		SURR	1KHz	6	dB	≥65	≥60
		S/W	30Hz	18	dB	≥65	≥60
4	DYNAMIC RANGE	FRONT	1KHz	38	dB	-11±1	-11±2
		CENTER	1KHz	38	dB	-11±1	-11±2
		SURR	1KHz	38	dB	-11±1	-11±2
		S/W	30Hz	18	dB	0±1	0±2
5	DIALOG NORMALIZATION	FRONT		43	dB	-10±0.5	-10±1
		CENTER		43	dB	-10±0.5	-10±1
		SURR		43	dB	-10±0.5	-10±1
		S/W		43	dB	-10±0.5	-10±1
6	OUT PUT CONFIG 1 SPK MODE : SSSY,BACK-NO Ref : 1KHz 0dB	FRONT	1KHz	38(ref) 20	dB	-17±1	-17±3
		CENTER	1KHz	38(ref) 20	dB	-17±1	-17±3
		SURR	1KHz	38(ref) 20	dB	-17±1	-17±3
	Ref : 30Hz 0dB	S/W	30Hz	18(ref) 22	dB	6.0±1	6.0±2
7	OUT PUT CONFIG 2 SPK MODE : LSSN,BACK-NO	FRONT	1KHz	38(ref) 18	dB	5.5±1	5.5±2
8	DOWNMIXING TEST SPK MODE : LSSY,BACK-NO	CENTER	1KHz	10(ref) C → NO	dB	-3±0.5	-3±1
		SURR.L	1KHz	14 LS → NO	dB	-3±0.5	-3±1
		SURR.R	1KHz	16 RS → NO	dB	-3±0.5	-3±1
		FRONT	1KHz	6(ref) SY:ON	dB	7.5±1	7.5±2

☞ DOLBY-EX INPUT SECTION

- INPUT : COAXIAL, CD DIGITAL
- SURROUND MODE : DOLBY-EX
- VOLUME POSISTION : 55dB
- AT SPEAKER OUT SPK MODE L,L,L,Y,BACK-L DOLBY-EX TEST Disc(TRACK 7)

No.	DESCRIPTION	INPUT	FREQ.	TRACK	UNIT	SPEC	
						NOMI.	LIMIT
1	OUT PUT LEVEL Disc : DOLBY-EX -23dB LLLY,BACK - L	BC	1KHz	7	mV	700±70	700±100
2	T.H.D Disc : DOLBY-EX -23dB LPF(20KHz) LLLY,BACK - L	BC	1KHz	7	%	≤0.3	≤0.5
3	S/N Disc 0dB,JIS "A" LPF(20KHz)	BC	1KHz	STOP	dB	≥65	≥60

☞ DTS INPUT SECTION

- INPUT : COAXIAL, CD DIGITAL
- SURROUND MODE : DTS
- VOLUME POSISTION : 55dB
- AT SPEAKER OUT SPK MODE L,L,L,Y,N DTS TEST Disc(TRACK 9,10,11,12,13,14,15)

No.	DESCRIPTION	INPUT	FREQ.	TRACK	UNIT	SPEC	
						NOMI.	LIMIT
1	OUT PUT LEVEL	FRONT	1KHz	10,11	V	10±1	10±2
	Disc : DTS 0dB	CENTER	1KHz	14	V	10±1	10±2
	LLLY,BACK -NO	SURR	1KHz	12,13	V	10±1	10±2
		S/W	30Hz	15	V	1.0±0.6	1.0±0.8
2	THD	FRONT	1KHz	10,11	%	≤0.3	≤0.5
	Disc : DTS 0dB	CENTER	1KHz	14	%	≤0.3	≤0.5
	LPF(20KHz)	SURR	1KHz	12,13	%	≤0.3	≤0.5
	LLLY,N BACK -NO	S/W	30Hz	15	%	≤0.3	≤0.5
3	S/N	FRONT	1KHz	10,11	dB	≥65	≥60
	Disc 0dB,JIS "A"	CENTER	1KHz	14	dB	≥65	≥60
	LPF(20KHz)	SURR	1KHz	12,13	dB	≥65	≥60
	LLLY,N	S/W	30Hz	15	dB	≥65	≥60
4	DTS+NEO6	FRONT	1KHz	9	V	1.0±0.2	1.0±0.4
	OUTPUT LEVEL	CENTER	1KHz	9	V	1.0±0.2	1.0±0.4
	Disc:ALL CH(1KHz,-20dB)	SURR	1KHz	9	mV	75±20	75±30
	LLLY,BACK-Y (L 2CH)	S-BACK	1KHz		V	1.0±0.2	1.0±0.4

TUNER SECTION

Measuring methods in confirmity with IEC standard 315
Measurements condition FM : Ref. frequency = (98.1MHz), Audio frequency = 1KHz
Reference level = 1mv on (75ohms, 300ohms) Deviation : Filter = B.P.F at STEREO and MONO
Test Point:TP1 = 90.1MHz,TP2 = 98.1MHz, TP3 = 106.1MHz(100KHz STEP)
MOD : MONO = 75kHz, STEREO = 67.5kHz ±7.5kHz (A)
MONO = 40kHz, STEREO = 40kHz ±4kHz (AUS/RDS/K)

Power supply : 120V/60Hz(A), 230V/50Hz(AUS/RDS), 220V/60Hz(K)

☞ FM SECTION

No.	DESCRIPTION		UNIT	SPEC	
				NOMI.	LIMIT
1	TUNING COVER RANGE	LOW ~ HIGH	MHz	87.5~108	
	STEP (A/K)	AUTO/MANUAL	KHz	100 / 100	
	(AUS/RDS)	AUTO/MANUAL	KHz	50 / 50	
2	USABLE SENSITIVITY	TP 1	dBu	≤12	≤15
	S/N = 30dB (A)	TP 2	dBu	≤12	≤15
	S/N = 26dB (AUS/RDS/K)	TP 3	dBu	≤12	≤15
3	AUTO STOP LEVEL		dBu	25±6	25±8
4	S/N RATIO IHF "A"	MONO	dBu	≥55	≥50
		STEREO	dBu	≥50	≥45
5	T.H.D	MONO 1KHz	%	≤0.7	≤1.2
		STEREO 1KHz	%	≤1.0	≤1.5
6	OVER LOAD DISTORTION(120dBu, 75KHz)	MONO	Db	≤2	≤3
7	STEREO SEPARATION FILTER = B.P.F	250Hz	dBu	≥30	≥25
	MAIN 90%, PILOT 10% (A)	1KHz	dBu	≥30	≥25
	MAIN 53.5%, PILOT 10% (AUS/RDS/K)	6.3KHz	dBu	≥20	≥15
8	FREQUENCY RESPONSE 75us, -3dB (A) 50us, -3dB (AUS/RDS/K)	TP2	Hz	60~8K	70~7K
9	IF REJECTION (A)	TP 1	dB	≥65	≥60
	(AUS/RDS/K)		dB	≥75	≥70
10	IMAGE REJECTION (A)	TP 3	dB	≥20	≥18
	(AUS/RDS/K)		dB	≥75	≥70
11	AM SUPRESSION (AT AM 30% 1KHz)		dB	≥40	≥35
12	OUPUT LEVEL MONO (A)	MONO	mv rms	500±100	500±150
	(AUS/RDS/K)			280±100	280±150
13	RDS SENSITIVITY	TP2	dBf	≤30	≤35

☞ AM SECTION

Measurements condition AM - MW : Radio. frequency = 1000/999KHz , Audio frequency = 400Hz

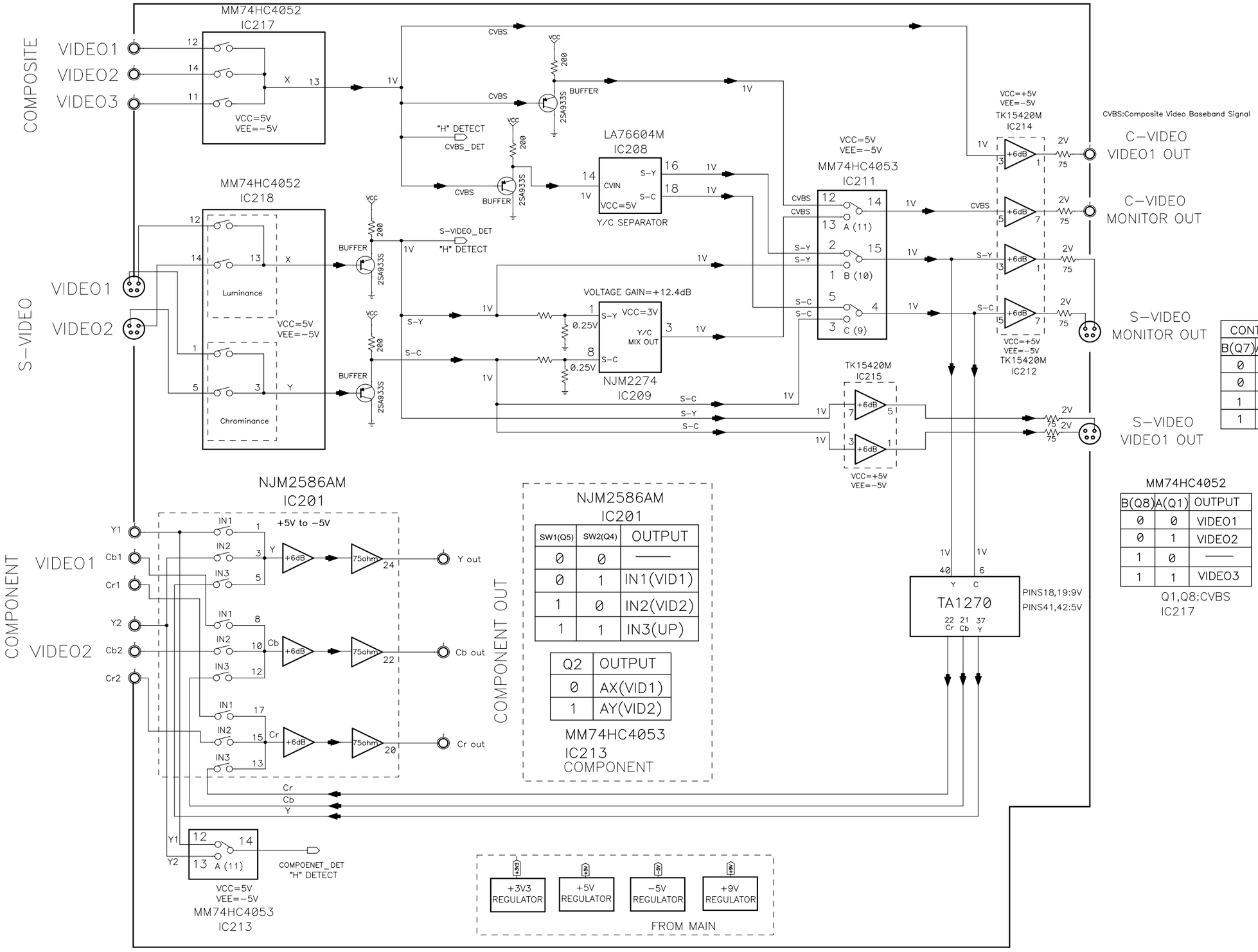
Reference level = (74dBu/m),(50)ohms Modulation = (30)%

Test Point : MW TP 1 = (594)KHz , TP 2 = (999)KHz , TP 3 = (1404)KHz

No.	DESCRIPTION		UNIT	SPEC	
				NOMI.	LIMIT
1	TUNING COVER RANGE (A)	LOW~HIGH MW	KHz	520~1710	
	(AUS/RDS/K)	LOW~HIGH MW	KHz	522 ~ 1611	
	STEP (A)	AUTO/MANUAL	KHz	10 / 10	
	STEP (AUS/RDS/K)	AUTO/MANUAL	KHz	9 / 9	
2	USABLE SENSITIVITY	TP 1	dB u/m	≤63	≤65
	S/N = 20dB	TP 2	dB u/m	≤63	≤65
		TP 3	dB u/m	≤63	≤65
3	S/N RATIO (100)dB u/m, (30)% MOD	TP 2	dB	≥35	≥30
4	T.H.D 74dB u/m, 30% MOD	TP 2	%	≤2	≤3
5	OVER LOAD DISTORTION 100dB u/m ,80% MOD	TP 2	%	≤3	≤10
6	FREQUENCY RESPONSE (at 74dB u/m, 400Hz)-NO FILTER	AT-6dB	Hz	80 ~ 2K	100 ~ 1.8K
7	SELECTIVITY AT SN: 20dB, ±10KHz(A) 20dB, ± 9KHz(AUS/RDS/K)	TP 2	dB	≥23	≥20
8	AGC FIGURE OF MERIT (at 100dB u/m)	TP 2	dB	≥50	≥40
9	IMAGE REJECTION	TP 3	dB	≥28	≥25
10	WHISTLE MODULATION (74dBu/m, 900KHz)	2IF	dB	≥10	≥15
11	TUNED LEVEL 1000KHz (A) 999KHz (AUS/RDS/K)		dB u/m	55±10	55±15
12	AUTO STOP LEVEL 1000KHz (A) 999KHz (AUS/RDS/K)		dB u/m	55±10	55±15
13	OUTPUT LEVEL 74dB u/m, (30)% MOD		mv rms	200±100	200±150

BLOCK DIAGRAMS (VIDEO - I)

Model No. : RD-7502



CONTROL		OUTPUT	
B(Q7)	A(Q6)	S−MON	CVBS−MON
0	0	UP	CVBS
0	1	UP	MIXED
1	0	YC	CVBS
1	1	YC	MIXED

MM74HC4053
IC211

MM74HC4052

B(Q8)	A(Q1)	OUTPUT
0	0	VIDEO1
0	1	VIDEO2
1	0	——
1	1	VIDEO3

Q1,Q8:CVBS
IC217

MM74HC4052

B(Q9)	A(Q0)	OUTPUT
0	0	VIDEO1
0	1	VIDEO2
1	0	——
1	1	——

Q0,Q9:S−VIDEO
IC218

NJM2586AM
IC201

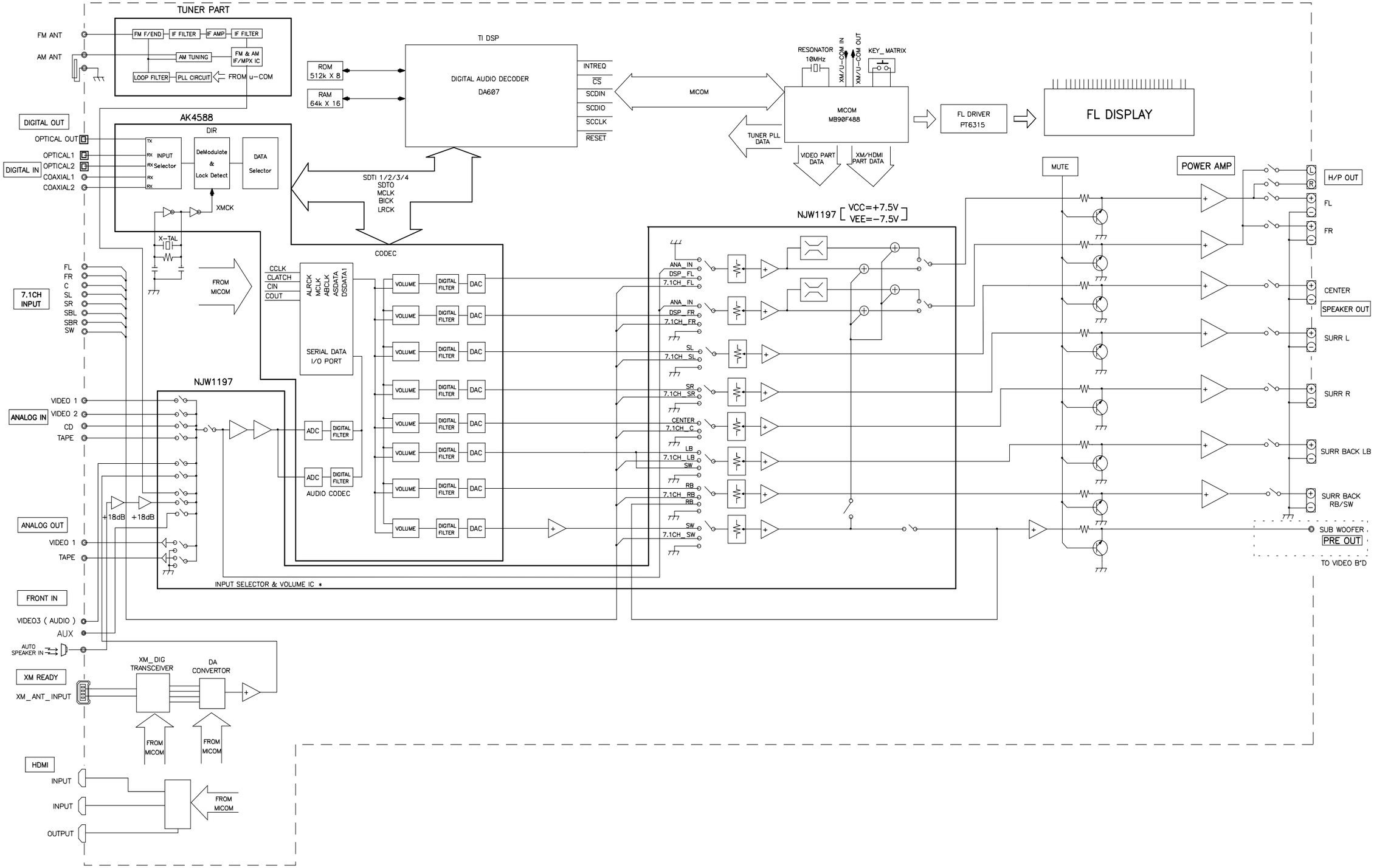
SW1(Q5)	SW2(Q4)	OUTPUT
0	0	——
0	1	IN1(VID1)
1	0	IN2(VID2)
1	1	IN3(UP)

Q2	OUTPUT
0	AX(VID1)
1	AY(VID2)

MM74HC4053
IC213
COMPONENT

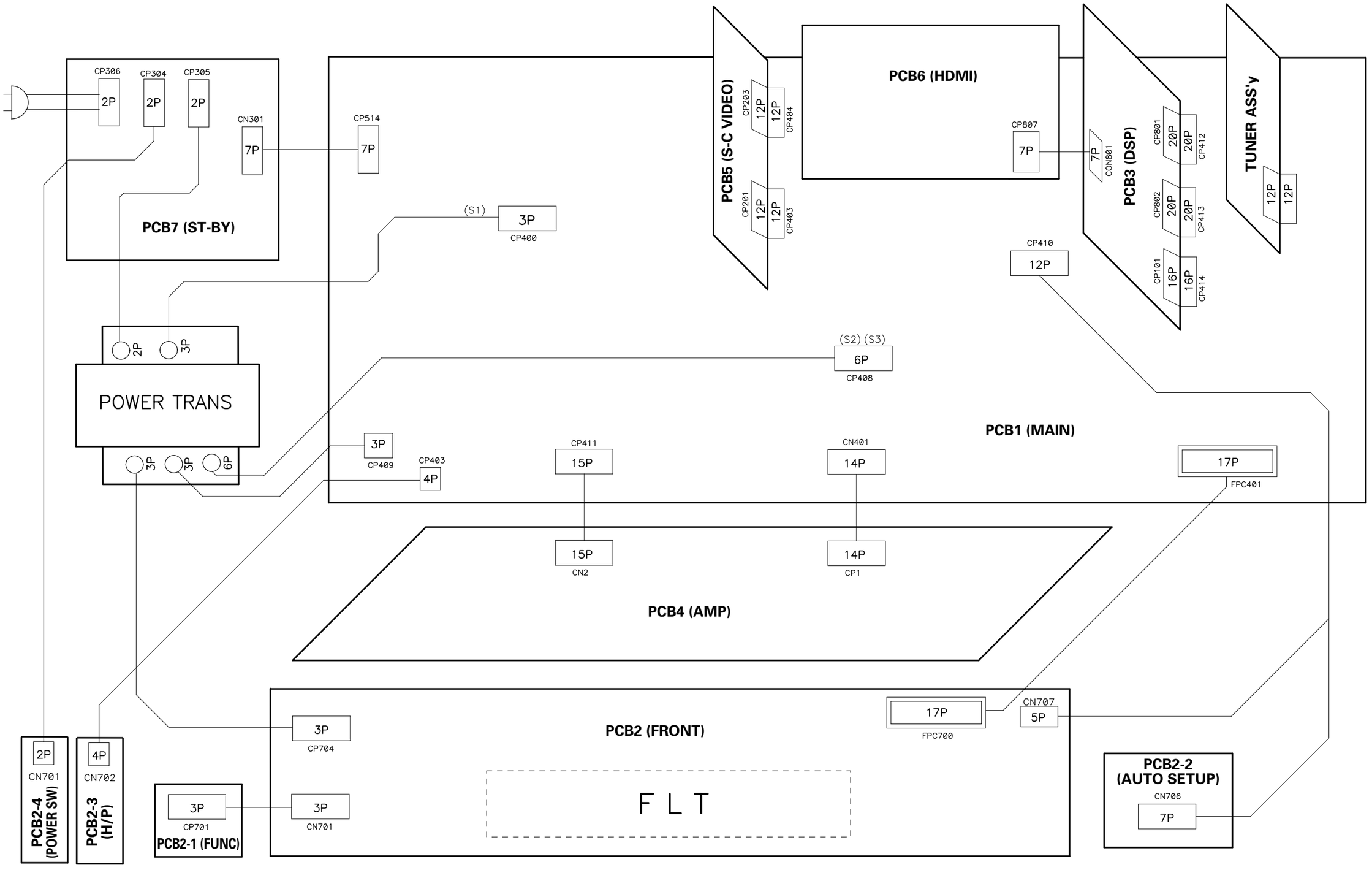
BLOCK DIAGRAMS (AUDIO - II)

Model No. : RD-7502



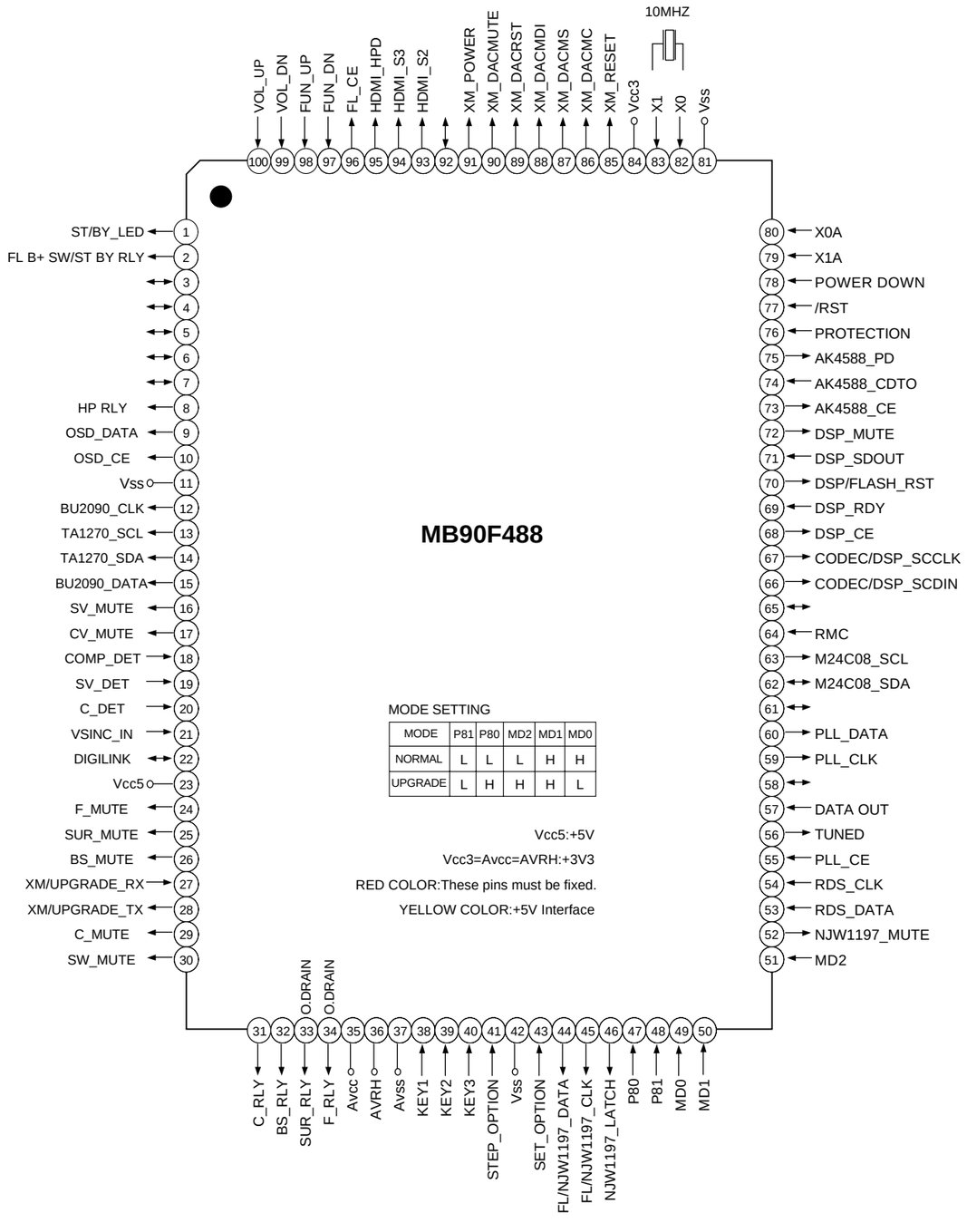
WIRING DIAGRAM

Model No. : RD-7502

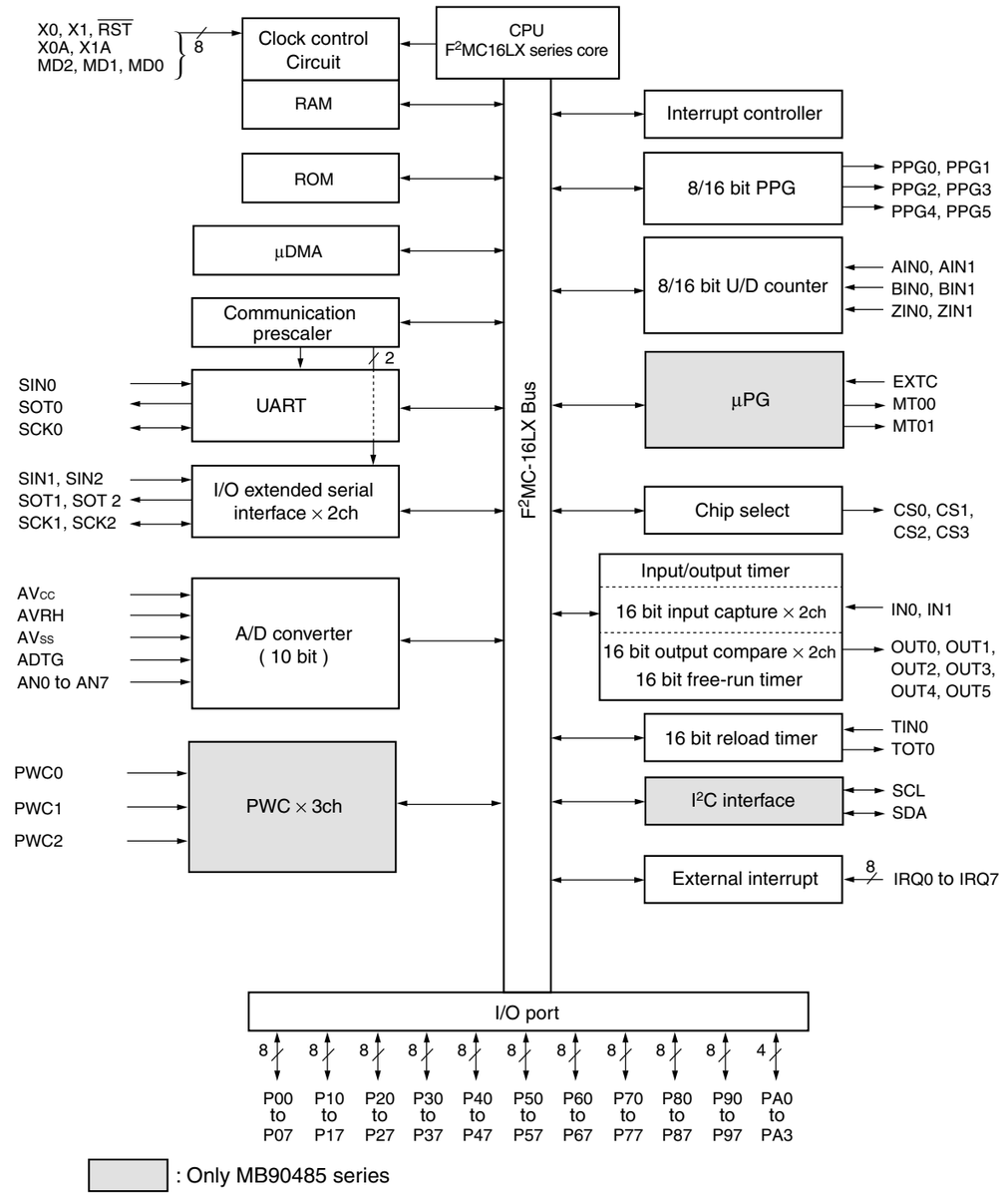


MB90F488PBF-GE1LQFP : IC402

1. Pin Description



2. Blcok Diagram



3. Pin Functions

Pin No.	Symbol	Description
1	FL_CLK	Clock signal output for PT6315.
2	FL_DATA	Data signal output for PT6315.
3	FL_SW/ST_BY RLY	Output to "FL_B+ ON/OFF" (At "H", it is active)
4	ST/BY_LED	Output to drive STAND-BY LED(At "H", it is active)
5	H/P_RLY	Output to "H/P Relay ON/OFF" (At "H", it is active)
6	NC	Not used!
7	BU2090_CLK	Clock signal output for BU2090
8	BU2090_DATA	Data signal output for BU2090
9	DIGILINK	Data in/out for controlling other set.
10	C_DET	Input for detecting "Composite-Video input" condition(At "L", it is active)
11	AVSS	GROUND
12	CV_MUTE	Output for C-VIDEO output mute(At "H", it is active)
13	SV_DET	Input for detecting "S-Video input" condition(At "L", it is active)
14	SV_MUTE	Output for S-VIDEO output mute(At "H", it is active)
15	COMP_DET	Input for detecting "Component Video input" condition(At "L", it is active)
16	COMP_MUTE	Output for COMPONENT-VIDEO output mute(At "H", it is active)
17	TA1270_SCL	Serial data clock signal output for "TA1270BF"
18	TA1270_SDA	Serial data signal output for "TA1270BF"
19	CENTER_RLY	Output to "Center Relay ON/OFF" (At "H", it is active)
20	BS_RLY	Output to "Surroundback Relay ON/OFF" (At "H", it is active)
21	NC	Not used!
22	NC	Not used!
23	VCC5	+5V power supply
24	SW_MUTE	Output for subwoofer channel mute(At "L", it is active)
25	BS_MUTE	Output for surround back channel mute(At "L", it is active)
26	S_MUTE	Output for surround channel mute(At "L", it is active)
27	XM/UPGRADE_RX	Data signal input for XMDTIC
28	XM/UPGRADE_TX	Data signal output for XMDTIC
29	C_MUTE	Output for center channel mute(At "L", it is active)
30	F_MUTE	Output for front channel mute(At "L", it is active)
31	FRONT_RLY	Output to "Front Relay ON/OFF" (At "H", it is active)
32	SUR_RLY	Output to "Surround Relay ON/OFF" (At "H", it is active)
33	NC	Not used!
34	NC	Not used!
35	AVCC	+3.3V power supply
36	AVREF	+3.3V power supply
37	AVSS	GROUND
38	KEY1	Data input for key1 scan.
39	KEY2	Data input for key2 scan.
40	KEY3	Data input for key3 scan.
41	STEP_OPTION	Input for selecting the frequency ranges steps of FM and AM
42	VSS	GROUND
43	SET_OPTION	Input for selecting the model option.
44	NJW1197_DATA	Data signal output for NJW1197.
45	NJW1197_CLK	Clock signal output for NJW1197.
46	NJW1197_LATCH	Latch signal output for NJW1197.
47	P80	UPGRADE
48	P81	UPGRADE
49	MD0	UPGRADE

Pin No.	Symbol	Description
50	MD1	UPGRADE
51	MD2	UPGRADE
52	KEY3_INTERRUPT	INTERRUPT for KEY3.
53	TUNED	Input for detecting "TUNED" condition(At "L", it is active)
54	PLL_DATA	Data signal output for "LC72131"
55	PLL_CLK	Clock signal output for "LC72131"
56	PLL_DATAIN	Input from "LC72131"
57	RDS_CLK	Clock signal input from "BU1924"
58	PLL_CE	Output for chip enable of "LC72131"
59	RDS_DATA	Input for RDS data from "BU1924"
60	NJW1197_MUTE	MUTE signal output for NJW1197.
61	M24C08_SDAT	Input/output for M24C08.
62	M24C08_SCLK	Clock signal output for M24C08.
63	NC	Not used!
64	RMC	Input for remocon data.
65	NC	Not used!
66	CODEC/DSP_SCDIN	Data signal output for AK4588/DA607
67	CODEC/DSP_SCCLK	Clock signal output for AK4588/DA607
68	DSP_CE	Output for chip enable of da607
69	DSP_RDY	output for ready signal to da607
70	DSP/FLASH_RST	Reset signal output to da607/M29W400
71	DSP_SDOUT	Chip select signal output to CS49326
72	DSP_MUTE	Output for surround channel mute(At "L", it is active)
73	AK4588_CE	Output for chip enable of AK4588
74	AK4588_CDTO	Input for AK4588 Control Data Output
75	AK4588_PD	Output for AK4588 Power Down
76	PROTECTION	Input for detecting "PROTECTION" condition
77	RESET	Input for resetting the CPU(At "L", it is active)
78	POWER DOWN	Input for power down.
79	X1A	UPGRADE
80	X0A	UPGRADE
81	VSS	Ground
82	XIN	Input for 10MHz crystal oscillator
83	XOUT	Output for 10MHz crystal oscillator
84	VCC3	+3.3V power supply
85	XM_IRQ	Input for Interrupt request of XMDT IC.
86	XM_COMMSEL	Output for commend mode select of XMDTIC.
87	XM_RESET	Output for resetting the XMDTIC(At "H", it is active)
88	XM_DAC_PDN	Output for power down of AK4385.
89	XM_DAC_CSN	Output for chip select of AK4385.
90	XM_DAC_CCLK	Output for control clock of AK4385.
91	XM_DAC_CDTI	Output for control data of AK4385.
92	XM_DAC_MUTE	Output for analog output mute (At "H", it is active)
93	HDMI_S3	Output for HDMI Input select of TMDS341
94	HDMI_S2	Output for HDMI Input select of TMDS341
95	HDMI_HPD	Output for HPD ON/OFF
96	VOL. DOWN	Input for main volume down.
97	VOL. UP	Input for main volume up.
98	FUNC_DOWN	Input for main function down.
99	FUNC_UP	Input for main function up.
100	FL_CE	Output for chip enable of PT6315

TUNER ALIGNMENT

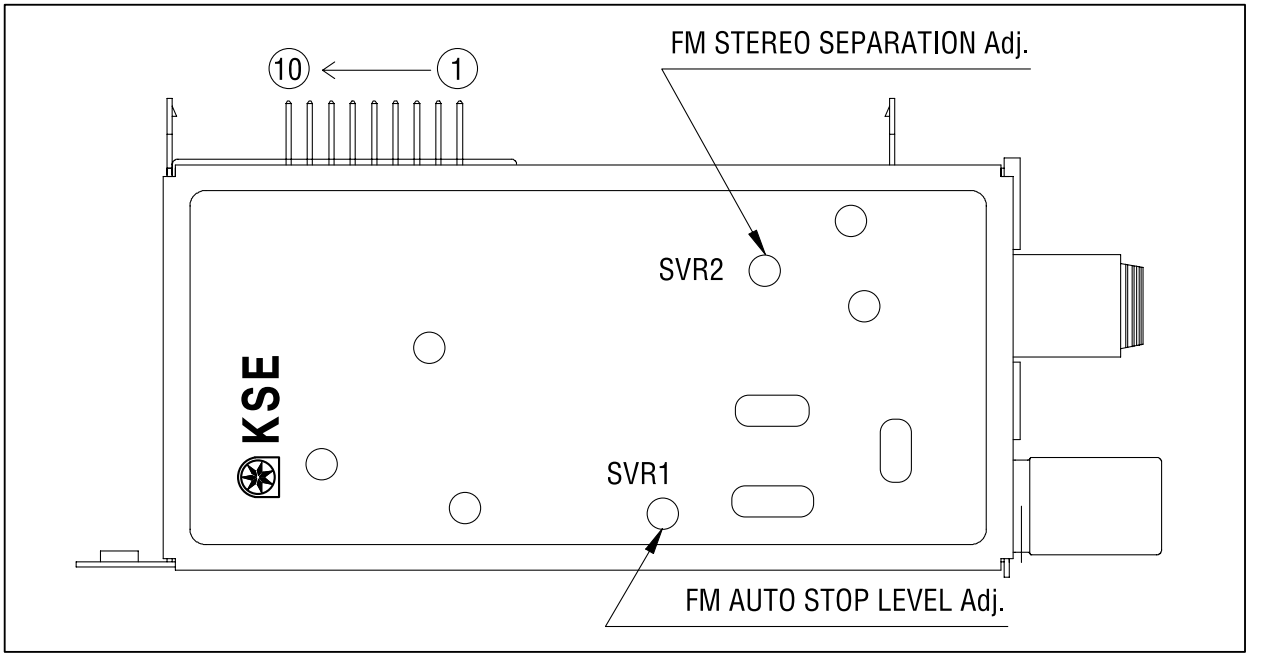
1. Electrical specification

No.	ITEMS	SPECIFICATION	
		M W	F M
1-1	Local OSC	Above the receiving Frequency	
1-2	Frequency cover range	522 ~1620kHz	87.5 ~ 108.0MHz
1-3	Standard supply voltage	12 +/-0.5V	
1-4	FM Antenna Impedance	75 ohm unbalance	
1-5	AM Loop Antenna	9.5uH (1kHz) : S0160BL-25	

2. Electrical Characteristics

No.	TEST ITEMS	TEST CONDITION	T.P.	T.L.	MOD.	Specification	UNIT	Adjustment
				dBu	kHz,%			
FM	AF Output Level	47kΩ Load	98.1	60	40	280±100	mV	Non Adjust
	Auto Stop Level		98.1	--		25 ±6	dBu	SVR01
	Stereo Separation	1kHz	98.1	60		25 min	dB	SVR02
MW	AF Output Level	47kΩ Load	999	74	30	180 ±60	mV	Non Adjust
	Auto Stop Level		999	--	30	55 ±15	dBu	Non Adjust

3. Adjust Point



TROUBLESHOOTING

Symptom	Cause and Remedy	Ref No.
Power On Failure	A) AC-Cord check.	
1. FLT does not light up.	B) Power Trans (Main/ST-BY) check.	
2. ST-BY LED does not light up.	C) Fuse's disconnection check.	F (300,301)
	D) Connector's disconnection or disjunction.	
	Change or close insertion of the connector.	CN301,CP514
	E) Inferior ST-By switch.	SW(700)
	F) VFD Driver I.C & Resonator check.	I.C701 SC16315
	1. VFD Driver I.C VCC(+3.3)V check.	I.C701 Pin No13
	2. VFD Driver clock pulse check.	I.C701 Pin No5
Fuse Disconnection.	A) Inferior transformer.	
(Power On)	B) AMP drive TR out. (POWER TR)	Q206(FL, FR, C, SL, SR, SBL, SBR)
	C) AMP drive TR out. (POWER TR)	Q205 (FL, FR, C, SL, SR, SBL, SBR)
	D) voltage check.	
	1. B+ (40)V, B- (40) V	
Key Disorder.	A) Key's being pushed check.	SW (700)
	B) Key signal input components inferior.	
	C) Key data check.	I.C402 Pin No. (38,39,40)
	D) μ-COM I.C or Resonator inferior.	
	1. μ-COM IC VCC +3.3V check.	I.C402 Pin No. (23,35,36,84)
	2. μ-COM clock pulse check.	I.C402 Pin No. (82,83)
Power Off in 2~3 sec.	A) Regulator I.C out.	I.C 300 (LM1117S_3.3V)
after Power On.	1. Signal IN/OUT check.	
	B) Drive transistor out. (POWER TR)	Q205 (FL, FR, C, SL, SR, SBL, SBR)
		Q206 (FL, FR, C, SL, SR, SBL, SBR)
	C) Protection circuit check.	
	1. Output DC check.	
	2. μ-COM I.C protection terminal check.	u-COM Pin No. (76)
	D) Connector's disconnection or disjunction	CP (411)
	E) SLEEP MODE cancellation.	
Bump Sound	A) FRONT Mute transistor's out and inferior.	Q (511)
(During input-select switch's change.)	μ-Com front mute control PORT check.	IC501 Pin No. (30)
	B) CENTER Mute transistor's out and inferior.	Q (509)
	μ-Com center mute control PORT check.	IC501 Pin No. (29)
	C) SURROUND Mute transistor's out and inferior.	Q (510)
	μ-Com surround mute control PORT check.	IC501 Pin No. (26)
	D) SURROUND BACK Mute transistor's out and inferior.	Q (507)
	μ-Com surround mute control PORT check.	IC501 Pin No. (25)
Sounds from Speaker when	A) HEADPHONE JACK connection inferior.	CN702
Head phone's connected.		
Bass / Treble Control Failure.	A) Bass volume check.	I.C401
	1. Resister/Capacitor correction figure check.	I.C401 PIN No. (13,14)
	2. BASS VR's property inferior.	

Symptom	Cause and Remedy	Ref No.
	B) TONE I.C check.	I.C No. (401)
	1. Signal IN/OUT terminal check.	
	2. I.C voltage check. (+7.5)V, (-7.5)V	I.C PIN No. (16,18)
	3. I.C CLK/DATA/STB/MUTE	I.C PIN No. (69,68,70,71)
AMP Sound Dead.	A) Signal Mute TR's inferior.	Q 507,509,510,511
1. "LEFT" Channel dead.	B) Connector disconnection & disjunction.	CP (411)
2. "RIGHT" Channel dead.	Change or close insertion of the connector.	
3. "CENTER" Channel dead.	C) Speaker wire's disjunction.	
4. "REAR" Channel dead.	Close insertion of the speaker wire.	
5. "REAR CENTER" Channel dead.	D) Signal switching IC check.	I.C No. (401)
	1. I.C voltage check (+7.5)V, (-7.5)V	I.C Pin No. (16,18)
	2. Switching I.C control data check.	I.C PIN No. (69,68,70,71)
	3. Switching I.C signal IN/OUT check.	
AC-3/DTS Failure.	A) I.C Regulator check.	
(DSP Sound Mode)	DIGITAL IN + (5)V, ANALOG IN + (5)V	
	IN + (3.3)V, OUT + (1.2)V	I.C No. (801)
	IN + (5)V, OUT + (3.3)V	I.C No. (807)
	B) DIR check.	I.C800
	1. OSC check.	X-TAL (800)
	2. RMCK, RBCK, RLRCK, RDATA Check.	I.C Pin No. (09) (15) (16) (17)
	3. Micom Interface Port Check.	I.C Pin No. (66,67,73,74,75)
	C) DSP Check.	I.C No. (805)
	1. INTREQ Check.	I.C Pin No. (108)
	2. LRCK Check.	I.C Pin No. (16,107)
	3. Micom Interface Port Check.	I.C Pin No. (66,67,68,69,70,71)
	4. SDATA 1, 2, 3,4 Check.	I.C Pin No. (92,94,95,97)
	D) D/A Check.	I.C No. (800)
	1. LRCK/BCK/SDATA check.	I.C Pin No. (17,18,19)
	2. Signal out check.	I.C Pin No. (49,47,45,43,41,39,37,35)
Video Output Dead.	A) Video Regulator voltage check.	
	1. DC voltage check. B+ (9)V, B+ (5)V, B- (-5)V	I.C No. (204,203,205)
	B) Video selector control IC check.	
	1. DC voltage check. B+ (5)V, B- (-5)V	IC NO(201)/IC PIN No.(7,18)
	2. DC voltage check. B+ (5)V, B- (-5)V	IC NO(217,218)/IC PIN No.(16,7)
	3. Micom control data check.	I.C Pin No. (7,8,17,18)
	C) Video input detect port check.	
	1. Micom CV, SV, COMPONENT-V detect port.	I.C NO. (402) / I.C Pin No. (10,13,15)
Video down output Dead.	A) Video voltage check.	
	1. DC voltage check. B+ (3.3)V	I.C NO. (209) / I.C Pin No. (5)
	B) S-Video input signal check.	
	1. Yin, Cin signal check.	I.C Pin No. (1,8)
Video up output Dead.	A) Micom Interface Port Check.	
	1. SCL, SDA port check.	I.C NO. (402) / I.C Pin No. (17,18)
	B) C-Video Input video input signal check.	I.C NO. (217) / I.C Pin No. (11,12,14)
	S-Video Input video input signal check.	I.C NO. (218) / I.C Pin No. (1,5,12,14)
	C) Component video output check.	I.C NO.(201) / I.C Pin No.(20,22,24)

Symptom	Cause and Remedy	Ref No.
Digi-Link Failure.	A) Digi-link line disconnection check.	
	Digi-Link IN/OUT circuit check.	R (485,437), D (513),C (451)
	B) Micom Interface Port Check.	
	1. μ-COM I.C B+(3.3)V check.	
	2 . Digi-link data I/O data check.	I.C NO. (402) / I.C Pin No. (9)
Remote Controller Failure.	A) Battery check.	
	B) RMC I.C & Resonator inferior.	
	1. μ-COM I.C B+(3.3)V check.	
	2. REMOCON data check.	I.C NO. (402) / I.C Pin No. (64)
FM Failure.	A) FM MUTE adjustment inferior.	
	B) FRONT-END inferior.	
	C) FM DET COIL inferior.	
	D) PLL&MPX IC check.	
	1. PLL&MPX I.C B+(5)V,B+(3.3)V check.	I.C NO. (1) / I.C Pin No. (8,21)
	2. PLL control data check. (Data/CE/Clock)	
	E) TUNER B+ voltage inferior.	
	F) μ-COM I.C & Resonator inferior.	I.C No. (402)
	1. μ-COM I.C B+(3.3)V check.	
	2. Micom control data check.	I.C Pin No. (53,54,55,58)
AM Failure.	A) AM V.T voltage inferior.	
	B) PLL&MPX IC check.	
	1. PLL&MPX I.C B+(5)V,B+(3.3)V check.	I.C NO. (1) / I.C Pin No. (8,21)
	2. PLL control data check (Data/CE/Clock)	
	C) TUNER B+ voltage inferior.	
	D) AM OSC COIL inferior.	
	E) μ-COM I.C & Resonator inferior.	I.C No. (402)
	1. μ-COM I.C B+(3.3)V check.	
	2. Micom control data check.	I.C Pin No. (53,54,55,56,58)
Stereo Effect Failure.	A) FM DET COIL Inferior.	
Stereo does not light up.	B) PLL&MPX IC check.	
	1. PLL&MPX I.C B+(5)V,B+(3.3)V check.	
	2. MPX control data check.	
	C) STEREO adjustment inferior.	
	D) FM MUTE adjustment inferior.	
	E) μ-COM I.C & Resonator inferior.	I.C No. (402)
	1. μ-COM IC B+(3.3)V check	
	2. Micom control data check.	I.C Pin No. (53,54,55,56,58)
Tuner Sound Dead.	A) MUTE TR inferior.	
1. "L / R" Channel dead.	B) Connector's disconnection or disjunction.	
2. "LEFT" Channel dead.	Change or Close insertion of the connector.	
3. "RIGHT" Channel dead.	C) FM DET COIL inferior.	
	D) AM IFT COIL inferior.	
	E) PLL&MPX IC check.	
	1. Signal IN/OUT terminal.	
	2. I.C driving voltage check. (+5V,+3V3)	I.C NO. (1) / I.C Pin No. (8,21)

MECHANICAL PARTS LIST

Model No. : RD-7502

♣ **Parts without Parts NO are not supplied.**

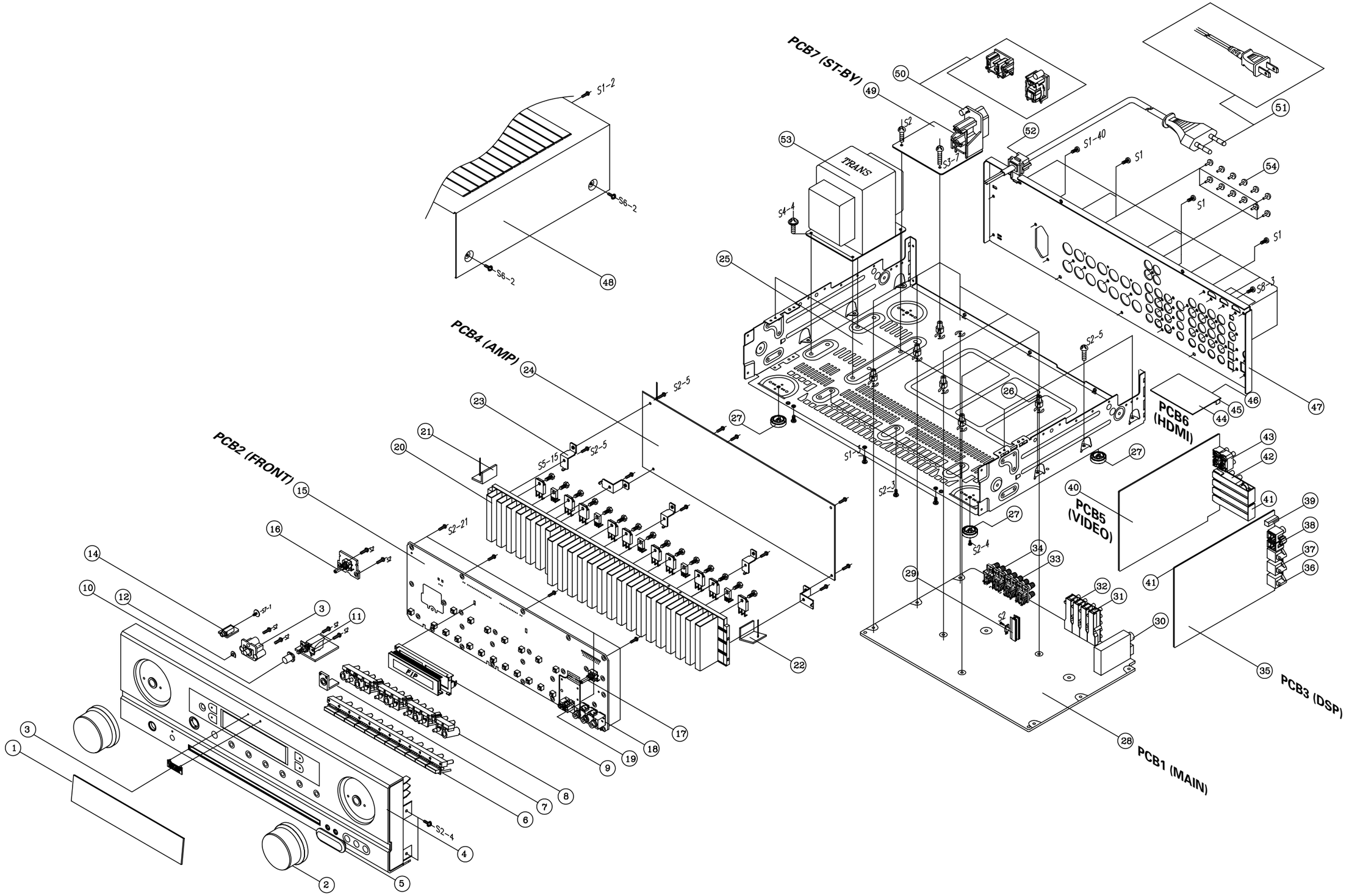
Parts without version mentioned are common ones.

⊙ **A → USA (120V/60Hz), E → AUSTRALIA (230V/50Hz), G → RDS (230V/50Hz), K → KOREA (220V/60Hz)**

No.	DESCRIPTION	Q'TY	PARTS No.	VER.
	PACKAGE			
	INSTRUCTION MANUAL	1	5707000000230S	K
	INSTRUCTION MANUAL	1	5707000000240S	E
	INSTRUCTION MANUAL	1	5707211280520S	A
	INSTRUCTION MANUAL	1	5707211280530S	G
	INSTRUCTION MANUAL, French/Germany	1	5707211280550S	G
	WARRANTY CARD	1	5727040540021S	E
	WARRANTY CARD	1	5727041650014S	A
	BOX, INNER CARTON	1	60170401212A0S	A
	BOX, INNER CARTON	1	60170401212B0S	G
	BOX, INNER CARTON	1	60170401212K0S	K
	BOX, INNER CARTON	1	6017210060130S	E
	CUSHION, SNOW	1	6230043714010S	
	PE, SHEET(750*1460/SET)	1	6327040059000S	
	POLY BAG, 330*240*0.05	1	6337040062010S	
	REMOCON, RC-110 (41KEY)	1	8300472900020S	A/E/G
	REMOCON, RC-110 (41KEY)	1	8300472900040S	K
	ANTENNA, LOOP	1	E601016000010S	
	ANTENNA, WIRE (FM)	1	E6050100700001S	
	BATTERY, AAA	2	G670001R50220S	
	MIC CONDENSER, AUTO SETUP MIC	1	M040000300020S	
	CABINET & CHASSIS			
1	WINDOW, Display	1	5077212132020S	A
	WINDOW, Display-RDS	1	5077212132050S	G
	WINDOW, Display	1	5077212132060S	E/K
2	KNOB, VOLUME	2	5087210191030SZ	K-G
	KNOB, VOLUME	2	5087210191400SZ	A-B/E-B/G-B
	KNOB, VOLUME	2	5087210191800SZ	E-S/G-S/K-S
3	BADGE, SHERWOOD	1	5630210051000S	A-B/E-B/G-B
	BADGE, SHERWOOD	1	5630210051010S	E-S/G-S
	BADGE, INKEL	1	5630210268000S	K-S
	BADGE, INKEL	1	5630210268010S	K-G
4	PANEL, FRONT	1	3067212231210S	K-G
	PANEL, FRONT	1	3067212231320S	E-S/G-S/K-S
	PANEL, FRONT	1	3067212231400S	A-B
	PANEL, FRONT	1	3067212231500S	E-B/G-B
5	COVER, RCA	1	4317211201000S	A-B/E-B/G-B
	COVER, RCA	1	4317211201100S	K-G
	COVER, RCA	1	4317211201200S	E-S/G-S/K-S
6	BUTTON, 11KEY	1	5097212771100S	K-G
	BUTTON, 11KEY	1	5097212771200S	E-S/G-S/K-S
	BUTTON, 11KEY	1	5097212771300S	A-B/E-B/G-B
7	LENS, STAND-BY	1	3710210583000S	
8	BUTTON, 7KEY	1	5090212761000SZ	A/E/G/K-S
	BUTTON, 7KEY	1	5090212761100SZ	K-G
9	HOLDER, FL	1		
10	KNOB ASS'Y, POWER	1	5088210818020SZ	K-G
	KNOB ASS'Y, POWER	1	5088210818030SZ	A-B/E-B/G-B
	KNOB ASS'Y, POWER	1	5088210818040SZ	E-S/G-S/K-S
11	S/W	1	G000122006060S	
12	INDICATOR, GUIDE LED	1	5160041003010S	
13	BUTTON, SPEAKER	1	5097212751100S	K-G
	BUTTON, SPEAKER	1	5097212751200S	E-S/G-S/K-S
	BUTTON, SPEAKER	1	5097212751300S	A-B/E-B/G-B
14	JACK D6.5	1	G402040161330S	
15	PCB ASS'Y, FRONT	1		
16	SW, ENCODER	1	G121123050010S	
17	VOL, ENCODER	1	G121123070010S	
18	TER, RCA 3PIN	1	G606040320000S	
19	JACK D3.5	2	G401035180050S	
20	HEAT SINK, POWER	1	2120210818100S	
21	PCB ASS'Y, GUIDE L	1		
22	PCB ASS'Y, GUIDE R	1		
23	BRACKET, H SINK	5	4010056906010S	
24	PCB ASS'Y, AMP	1		
25	CHASSIS, MAIN	1	3200200026020S	
26	SPACER, KNOB	5	4300040561010S	
27	FOOT, H/STAMPING/ASS'Y	4	4007040201020S	E-S/G-S/K-S
	FOOT, H/STAMPING/ASS'Y	4	4007040201040S	A-B/E-B/G-B/K-G
28	PCB ASS'Y, MAIN	1		
29	HEAT SINK	2	2120000818020S	
30	TUNER, FM/AM	1	E903001000010S	A
	TUNER, FM/AM	1	E903004100010S	E/K
	TUNER, FM/AM	1	E903104100010S	G
31	TER, RCA	1	G608670VB030MS	
32	TER, RCA	1	G608670VB040MS	
33	TER, BOARD PUSH 8P	1	G598801SA090YS	A
	TER, BOARD SCREW 8P	1	G614801A1400YS	E/G/K
34	TER, BOARD PUSH 6P	1	G596601SA050YS	A
	TER, BOARD SCREW 6P	1	G613061270800S	E/G/K
35	PCB ASS'Y, DSP	1		
36	MODULE, JST1165-B	1	E100116500030S	
37	MODULE, JSR1165-C	2	E100116500040S	
38	TER, RCA 2PIN	1	G601206A0200YS	
39	CN, WAFER XM	1	L109040000020S	A ONLY
40	PCB ASS'Y, VIDEO	1		
41	TER, RCA	1	G608832V1020MS	
42	TER, RCA	1	G608832V1030MS	
43	TER, RCA 4PIN	1	G602405BE260YS	
44	PCB ASS'Y, HDMI	1		
45	SHIELD	2	3070045526010S	
46	CN, WAFER HDMICON	3	L109100190010S	
47	CHASSIS, BACK	1	3207211886000S	A
	CHASSIS, BACK	1	3207211886010S	G
	CHASSIS, BACK	1	3207211886020S	E
	CHASSIS, BACK	1	3207211886040S	K
48	CABINET, TOP	1	3007041236061S	A-B/E-B/G-B
	CABINET, TOP	1	3007041236071S	E-S/G-S/K-S
	CABINET, TOP	1	3007041236081S	K-G
49	PCB ASS'Y, ST-BY	1		
50	SOCKET, AC OUTLET	1	G435040070000S	A
	SOCKET, AC OUTLET	1	G435040110000S	G
51	CORD ASS'Y, 10A/125V	1	L068125100050S	A
	CORD ASS'Y, 2.5A/250V	1	L068250250100S	G
	CORD ASS'Y, 2.5A/250V	1	L068250250180S	K
	CORD ASS'Y, 7.5A/250V	1	L068250750020S	E
52	STOPPER CORD	1	4380040162010S	
53	POWER TRANS, 120V/60Hz	1	8200960610370S	A
	POWER TRANS, 230V/50Hz	1	8200960610380S	E/G
	POWER TRANS, 220V/50,60Hz	1	8200960610390S	K
54	BUSHING	14	2410040353010S	E/G/K
	SCREWS			
S1	SCREW, +2S 3*10 B-TYPE(DOT) BK/BH	44	B020030103B11S	A
	SCREW, +2S 3*10 B-TYPE(DOT) BK/BH	42	B020030103B11S	G
	SCREW, +2S 3*10 B-TYPE(DOT) BK/BH	40	B020030103B11S	E/K
S2	SCREW, +2S 3*8 B-TYPE ZNW/BH	71	B020030081B10S	E-S/G-S/K
	SCREW, +2S 3*8 B-TYPE ZNW/BH	68	B020030081B10S	E-B
	SCREW,+2S 3*8 B-TYPE ZNW/BH	67	B020030081B10S	A/G-B
S3	SCREW, 3X18 B-TYPE ZNW/BH	5	B020030181B10S	
S4	SCREW, +3S 4*10 P+S-WASHER ZNW/BH	4	B028940101B10S	
S5	SCREW, +2S 3*16+S-WASHER ZNW/HH	21	1507041146010S	
S6	SCREW, +2S 4*8 B-TYPE(DOT) BK/BH	4	1500040083B10S	A/E-B/G-B
	SCREW, +2S 4*8 B-TYPE(DOT) NI/BH	4	1500040084B10S	E-S/G-S/K
S7	SCREW, +2S 3*8 ZnY WASHER PI12	1	1500001456010S	
S8	SCREW, +3S 3*8 BK/BH	3	B020930083B10S	
	MISCELLANEOUS			
Q206C	2SB1560-Y, PNP	1	J5011560Y0000S	
Q206FL	2SB1560-Y, PNP	1	J5011560Y0000S	
Q206FR	2SB1560-Y, PNP	1	J5011560Y0000S	
Q206SBL	2SB1560-Y, PNP	1	J5011560Y0000S	
Q206SBR	2SB1560-Y, PNP	1	J5011560Y0000S	
Q206SL	2SB1560-Y, PNP	1	J5011560Y0000S	
Q206SR	2SB1560-Y, PNP	1	J5011560Y0000S	
Q205C	2SD2390-Y, NPN	1	J5032390Y0000S	
Q205FL	2SD2390-Y, NPN	1	J5032390Y0000S	
Q205FR	2SD2390-Y, NPN	1	J5032390Y0000S	
Q205SBL	2SD2390-Y, NPN	1	J5032390Y0000S	
Q205SBR	2SD2390-Y, NPN	1	J5032390Y0000S	
Q205SL	2SD2390-Y, NPN	1	J5032390Y0000S	
Q205SR	2SD2390-Y, NPN	1	J5032390Y0000S	
Q204C	2SD947F, NPN	1	J503947F00000S	
Q204FL	2SD947F, NPN	1	J503947F00000S	
Q204FR	2SD947F, NPN	1	J503947F00000S	
Q204SBL	2SD947F, NPN	1	J503947F00000S	
Q204SBR	2SD947F, NPN	1	J503947F00000S	
Q204SL	2SD947F, NPN	1	J503947F00000S	
Q204SR	2SD947F, NPN	1	J503947F00000S	
	CABLE,FLAT CARD 1.25MM	1	N712172234810S	

EXPLODED VIEW

Model No. : RD-7502



ELECTRICAL PARTS LIST

Model No. : RD-7502

♣ **Parts without Parts No. are not supplied.**
Parts without version mentioned are common ones.
⊙ **A → USA(120V/60Hz), E → AUSTRALIA(230V/50Hz), G → RDS(230V/50Hz), K → KOREA(220V/60Hz)**

REF No.	DESCRIPTION				Q'TY	PARTS No.	VER.
PCB1	**ASSEMBLY P.C.BOARD MAIN**					**7025HK0601010**	**A**
PCB1	**ASSEMBLY P.C.BOARD MAIN**					**7025HK0601020**	**G**
PCB1	**ASSEMBLY P.C.BOARD MAIN**					**7025HK0601030**	**K**
PCB1	**ASSEMBLY P.C.BOARD MAIN**					**7025HK0601050**	**E**
	COILS						
C326	ELECT GE 85C	18000 uF	16V	M	1	D040183083000S	A
C326	ELECT GE 85C	6800 uF	16V	M	1	D040682083240S	E/G/K
C347-C353	CERAMIC HIK AXIAL	0.047 uF	50V	Z	7	D005473597520S	E/G/K
C354-C357	CERAMIC HIK AXIAL	0.1 uF	50V	Z	4	D005104597530S	
C400C	FILM POLYESTER	0.01 uF	100V	J	1	D02010306C060S	
C400FL	FILM POLYESTER	0.01 uF	100V	J	1	D02010306C060S	
C400FR	FILM POLYESTER	0.01 uF	100V	J	1	D02010306C060S	
C400SBL	FILM POLYESTER	0.01 uF	100V	J	1	D02010306C060S	
C400SBR	FILM POLYESTER	0.01 uF	100V	J	1	D02010306C060S	
C400SL	FILM POLYESTER	0.01 uF	100V	J	1	D02010306C060S	
C400SR	FILM POLYESTER	0.01 uF	100V	J	1	D02010306C060S	
C401/C402	ELECT GE 85C	1 uF	50V	M	2	D040010087060S	
C404	ELECT GE 85C	330 uF	63V	M	1	D040331088230S	
C405	ELECT GE 85C	4.7 uF	50V	M	1	D0404R7087250S	
C406	ELECT GE 85C	10 uF	50V	M	1	D040100087070S	
C407-C413	FILM POLYESTER	0.1 uF	100V	J	7	D02010406C060S	
C414	CERAMIC CHIP HIK	1000 pF	50V	K	1	D011102777160S	
C418/C419	ELECT GE 85C	1 uF	50V	M	2	D040010087060S	
C420	FILM POLYESTER	0.1 uF	100V	J	1	D02010406C060S	
C421	ELECT GE 85C	330 uF	10V	M	1	D040331082070S	
C422	ELECT GE 85C	1 uF	50V	M	1	D040010087060S	
C423	CERAMIC CHIP HIK	0.01 uF	50V	Z	1	D011103597160S	
C424	ELECT GE 85C	2.2 uF	50V	M	1	D0402R2087160S	
C425	ELECT GE 85C	10 uF	50V	M	1	D040100087070S	
C427	CERAMIC CHIP HIK	0.01 uF	50V	Z	1	D011103597160S	
C428	ELECT GE 85C	330 uF	10V	M	1	D040331082070S	
C429	ELECT GE 85C	4700 uF	25V	M	1	D040472084020S	
C430	ELECT GE 85C	2200 uF	25V	M	1	D040222084030S	
C433-C435	FILM POLYESTER	0.1 uF	100V	J	3	D02010406C060S	
C436	ELECT GE 85C	330 uF	10V	M	1	D040331082070S	
C437-C439	FILM POLYESTER	0.1 uF	100V	J	3	D02010406C060S	
C440/C441	ELECT GE 85C	6800 uF	63V	M	2	D040682088010S	
C447SW	CERAMIC CHIP HIK	3300 pF	50V	K	1	D011332777160S	
C448	FILM POLYESTER	0.1 uF	100V	J	1	D02010406C060S	
C449SW	ELECT GE 85C	10 uF	50V	M	1	D040100087070S	
C450	FILM POLYESTER	0.1 uF	100V	J	1	D02010406C060S	
C450SW	CERAMIC CHIP T.C	33 pF	50V	J	1	D0103301671605	
C451	CERAMIC CHIP T.C	100 pF	50V	J	1	D010101167160S	
C451SW	CERAMIC CHIP T.C	680 pF	50V	J	1	D010681167160S	
C452-C454	FILM POLYESTER	0.1 uF	100V	J	3	D02010406C060S	
C455-C457	CERAMIC CHIP HIK	0.1 uF	50V	Z	3	D011104597160S	
C462/C463	ELECT GE 85C	4700 uF	16V	M	2	D040472083200S	
C464	FILM POLYESTER	0.1 uF	100V	J	1	D02010406C060S	
C469	ELECT GE 85C	3300 uF	25V	M	1	D040332084010S	
C471/C472	FILM POLYESTER	0.1 uF	100V	J	2	D02010406C060S	
C504C	CERAMIC HIK AXIAL	0.1 uF	50V	Z	1	D005104597530S	
C504L	CERAMIC HIK AXIAL	0.1 uF	50V	Z	1	D005104597530S	
C504LB	CERAMIC HIK AXIAL	0.1 uF	50V	Z	1	D005104597530S	
C504SL	CERAMIC HIK AXIAL	0.1 uF	50V	Z	1	D005104597530S	
C504SW	CERAMIC CHIP HIK	0.1 uF	50V	Z	1	D011104597160S	
C505L/R	CERAMIC CHIP T.C	100 pF	50V	J	2	D010101167160S	
C510L/R	CERAMIC CHIP T.C	220 uF	50V	J	2	D010221167160S	
C511L/R	CERAMIC CHIP T.C	220 uF	50V	J	2	D010221167160S	
C514L/R	ELECT GE 85C	10 uF	50V	M	2	D040100087070S	
C516L/R	ELECT GE 85C	10 uF	50V	M	2	D040100087070S	
C517L/R	ELECT GE 85C	10 uF	50V	M	2	D040100087070S	
C518L/R	ELECT GE 85C	4.7 uF	50V	M	2	D0404R7087250S	
C519	ELECT GE 85C	10 uF	50V	M	1	D040100087070S	
C519L/R	ELECT GE 85C	10 uF	50V	M	2	D040100087070S	
C520	ELECT GE 85C	10 uF	50V	M	1	D040100087070S	
C520L/R	ELECT GE 85C	4.7 uF	50V	M	2	D0404R7087250S	
C523	ELECT GE 85C	4.7 uF	50V	M	1	D0404R7087250S	
C523L/R	ELECT GE 85C	10 uF	50V	M	2	D040100087070S	
C524	ELECT GE 85C	1 uF	50V	M	1	D040010087060S	
C525	ELECT GE 85C	4.7 uF	50V	M	1	D0404R7087250S	
C528	ELECT GE 85C	1 uF	50V	M	1	D040010087060S	
C531/C532	ELECT GE 85C	47 uF	16V	M	2	D040470083080S	
C539L/R	CERAMIC CHIP T.C	220 uF	50V	J	2	D010221167160S	
C540L/R	CERAMIC CHIP T.C	100 pF	50V	J	2	D010101167160S	
C542	ELECT GE 85C	4.7 uF	50V	M	1	D0404R7087250S	
C542SW	ELECT GE 85C	10 uF	50V	M	1	D040100087070S	
C543	ELECT GE 85C	470 uF	10V	M	1	D040471082060S	
C543L/R	CERAMIC CHIP T.C	220 uF	50V	J	2	D010221167160S	
C544SW	CERAMIC CHIP HIK	1000 pF	50V	K	1	D011102777160S	
C546C	CERAMIC CHIP T.C	100 pF	50V	J	1	D010101167160S	
C546FL	CERAMIC CHIP T.C	100 pF	50V	J	1	D010101167160S	
C546FR	CERAMIC CHIP T.C	100 pF	50V	J	1	D010101167160S	
C546SBL	CERAMIC CHIP T.C	100 pF	50V	J	1	D010101167160S	
C546SBR	CERAMIC CHIP T.C	100 pF	50V	J	1	D010101167160S	
C546SL	CERAMIC CHIP T.C	100 pF	50V	J	1	D010101167160S	
C546SR	CERAMIC CHIP T.C	100 pF	50V	J	1	D010101167160S	
C546SW	CERAMIC CHIP T.C	100 pF	50V	J	1	D010101167160S	
C547C	ELECT GE 85C	10 uF	50V	M	1	D040100087070S	
C547FL	ELECT GE 85C	10 uF	50V	M	1	D040100087070S	
C547FR	ELECT GE 85C	10 uF	50V	M	1	D040100087070S	
C547SBL	ELECT GE 85C	10 uF	50V	M	1	D040100087070S	
C547SBR	ELECT GE 85C	10 uF	50V	M	1	D040100087070S	
C547SL	ELECT GE 85C	10 uF	50V	M	1	D040100087070S	
C547SR	ELECT GE 85C	10 uF	50V	M	1	D040100087070S	
C547SW	ELECT GE 85C	10 uF	50V	M	1	D040100087070S	
C548SW	CERAMIC CHIP T.C	47 pF	50V	J	1	D010470167160S	
C549SW	CERAMIC CHIP HIK	0.047 uF	50V	Z	1	D011473597160S	
C550	CERAMIC HIK AXIAL	0.022 uF	25V	Z	1	D005223594520S	
C551SW	CERAMIC CHIP HIK	0.047 uF	50V	Z	1	D011473597160S	
C552C	ELECT GE 85C	4.7 uF	50V	M	1	D0404R7087250S	
C552FL	ELECT GE 85C	4.7 uF	50V	M	1	D0404R7087250S	
C552FR	ELECT GE 85C	4.7 uF	50V	M	1	D0404R7087250S	
C552LB	ELECT GE 85C	4.7 uF	50V	M	1	D0404R7087250S	
C552RB	ELECT GE 85C	4.7 uF	50V	M	1	D0404R7087250S	
C552SL	ELECT GE 85C	4.7 uF	50V	M	1	D0404R7087250S	
C552SR	ELECT GE 85C	4.7 uF	50V	M	1	D0404R7087250S	
C552SW	ELECT GE 85C	10 uF	50V	M	1	D040100087070S	
C553	CERAMIC CHIP HIK	0.047 uF	50V	Z	1	D011473597160S	
C555	CERAMIC CHIP T.C	100 pF	50V	J	1	D010101167160S	
C569	CERAMIC CHIP T.C	100 pF	50V	J	1	D010101167160S	
C571	CERAMIC CHIP HIK	0.047 uF	50V	Z	1	D011473597160S	
C574	CERAMIC CHIP HIK	0.01 uF	50V	Z	1	D011103597160S	
C579	CERAMIC CHIP HIK	0.1 uF	50V	Z	1	D011104597160S	
C580	CERAMIC CHIP HIK	3300 pF	50V	K	1	D011332777160S	
C581	CERAMIC CHIP HIK	0.1 uF	50V	Z	1	D011104597160S	
C582	CERAMIC CHIP HIK	3300 pF	50V	K	1	D011332777160S	
C584-C587	CERAMIC CHIP T.C	220 uF	50V	J	4	D010221167160S	
C594SW	CERAMIC CHIP T.C	100 pF	50V	J	1	D010101167160S	
C605	ELECT GE 85C	100 uF	10V	M	1	D040101082070S	
C606	CERAMIC CHIP HIK	0.1 uF	50V	Z	1	D011104597160S	
C609	CERAMIC CHIP HIK	0.1 uF	50V	Z	1	D011104597160S	
C610/C611	ELECT GE 85C	100 uF	10V	M	2	D040101082070S	
C611L/R	CERAMIC CHIP T.C	220 uF	50V	J	2	D010221167160S	
C612L/R	ELECT GE 85C	10 uF	50V	M	2	D040100087070S	
	CONNECTORS						
CN401	CN,WIRE 220MM (14P)				1	L0002211400105	
CP400	CN.WAFER 7.92MM				1	L108353280360S	
CP401	CN.WAFER 2.0MM (6P)				1	L101220060000S	
CP403	CN.WAFER 2.0MM (4P)				1	L101220040000S	
CP404/CP405	CN.WAFER 2.0MM (12P)				2	L1011000412105	
CP408	CN.WAFER 2.5MM (6P)				1	L102526700600S	
CP409	CN.WAFER 2.5MM (3P)				1	L102526700300S	
CP410	CN.WAFER 2.0MM (12P)				1	L101220120000S	
CP411	CN.WAFER 2.5MM (15P)				1	L102526701510S	
CP412/CP413	CN.WAFER 2.0MM (20P)				2	L101100042010S	
CP414	CN.WAFER 2.0MM (16P)				1	L101100041610S	
CP514	CN.FPC 1.25MM (7P)				1	L131007100010S	
FPC401	CN.FPC 1.25MM (17P)				1	L131111700010S	
	DIODES						
D403	1N4148W, SWITCHING CHIP				1	K005041480020S	
D405	1N4007, SWITCHING				1	K000400700010S	
D406/D407	1N4148W, SWITCHING CHIP				2	K005041480020S	
D410-D412	1SS133T, SWITCHING				3	K000013300520S	
D413	1N4148W, SWITCHING CHIP				1	K005041480020S	
D414	1SS133T, SWITCHING				1	K000013300520S	
D419	1SS133T, SWITCHING				1	K000013300520S	
D420-D423	1N4148W, SWITCHING CHIP				4	K005041480020S	
D427	1N4148W, SWITCHING CHIP				1	K005041480020S	
D428-D433	1N4007, SWITCHING				6	K000400700010S	
D434 D435	RECTIFIER, MTZJ2.4B 6A					K047604000020S	
D436	1N4007, SWITCHING				1	K000400700010S	
D438/D439	1N4007, SWITCHING				2	K000400700010S	
D441-D448	1N4007, SWITCHING				8	K000400700010S	
D501-D513	1N4148W, SWITCHING CHIP				13	K005041480020S	
D515-D518	1N4148W, SWITCHING CHIP				4	K005041480020S	
DZ400/DZ401	0.2W16V, ZENER CHIP				2	K06616R04P400S	
DZ425	0.2W3.3V, ZENER CHIP				1	K06603R34P400S	
DZ510	0.2W7.5V, ZENER CHIP				1	K06607R54P400S	
DZ512	MTZJ2.4B, ZENER				1	K06002R444520S	
DZ515	0.2W7.5V, ZENER CHIP				1	K06607R54P400S	
	INTEGRATED CIRCUITS						
IC401	NJW1197, ELECT VR				1	J084119700010S	
IC402	MB90F488PBF-GE1 LQFP, CPU				1	J020904880020S	
IC403	MC24C08-WMN6, MEMORY-EEPROM				1	J000240860010S	
IC405	D4558, LINEAR OP				1	J1214558001605	
IC406	KIA7912F, LINEAR-REGULATOR				1	J126791200140S	
IC408	KIA7812API, LINEAR-REGULATOR				1	J126781200040S	
IC409	KIA7812AF, LINEAR-REGULATOR				1	J126781200210S	
	TRANSISTORS						
Q401	KSA916Y, PNP				1	J5000916Y0050S	
Q403	KTA1266Y, PNP				1	J5001266Y0050S	
Q404	KTC3198Y, NPN				1	J5023198Y0000S	
Q407-Q409	KRC105S(NE), NPN				3	J5220105002105	
Q410	KRC105S(NE), NPN				1	J5220105002105	
Q411/Q412	KTC3198Y, NPN				2	J5023198Y0000S	
Q413	KRC105S(NE), NPN				1	J5220105002105	
Q414/Q415	KTC3198Y, NPN				2	J5023198Y0000S	
Q416	KTA1268BL, PNP				1	J5001268B0050S	
Q417	KTC3198Y, NPN				1	J5023198Y0000S	
Q418/Q419	KTA1268BL, PNP				2	J5001268B0050S	
Q420/Q421	KTC3198Y, NPN				2	J5023198Y0000S	
Q422-Q424	KTA1268BL, PNP				3	J5001268B0050S	
Q507-Q511	KRA105S(PE), PNP				5	J5200105002105	
Q512-Q519	KTC2875B(MB), NPN				8	J5222875B0010S	
Q523	KTC2875B(MB), NPN				1	J5222875B0010S	
Q543	KTC2875B(MB), NPN				1	J5222875B0010S	
Q544	KRC102S(NB), NPN				1	J5220102002105	
	RESISTORS						
R404	METAL FILM 100PPM	4.7 ohm	1W	J	1	C0604R7065050S	
R405	CHIP THICK	10 kohm	1/16W	J	1	C20001036M160S	
R406-R412	CARBON FILM	22 kohm	1/5W	J	7	C00002236P520S	
R413	METAL FILM 100PPM	22 ohm	1/4W	J	1	C060022063050S	
R414	CHIP THICK	15 kohm	1/16W	J	1	C20001536M160S	
R415-R421	METAL FILM 100PPM	10 ohm	1W	J	7	C06001065050S	
R422/R423	CHIP THICK	47 kohm	1/16W	J	2	C20004736M160S	
R424	METAL FILM 100PPM	47 kohm	1/4W	J	1	C060047363050S	
R425	CARBON FILM	27 kohm	1/5W	J	1	C00002736P520S	
R428/R429	CARBON FILM	27 kohm	1/5W	J	2	C00002736P520S	
R430	CHIP THICK	43 kohm	1/16W	J	1	C20004336M160S	
R431	CHIP THICK	33 kohm	1/16W	J	1	C20003336M160S	
R431SW	CHIP THICK	1 kohm	1/16W	J	1	C20001026M160S	
R432	CHIP THICK	3.3 kohm	1/16W	J	1	C20003326M160S	
R432SW	CHIP THICK	100 kohm	1/16W	J	1	C20001046M160S	
R433	CARBON FILM	27 kohm	1/5W	J	1	C00002736P520S	
R433SW	CHIP THICK	4.7 kohm	1/16W	J	1	C20004726M160S	
R434SW	CHIP THICK	4.7 kohm	1/16W	J	1	C20004726M160S	
R435	CHIP THICK	560 kohm	1/16W	J	1	C20005646M160S	
R435SW	CHIP THICK	4.7 kohm	1/16W	J	1	C20004726M160S	
R436	METAL FILM 100PPM	2.2 kohm	1W	J	1	C060022265050S	
R436SW	CHIP THICK	4.7 kohm	1/16W	J	1	C20004726M160S	
R437	CHIP THICK	220 kohm	1/16W	J	1	C20002246M160S	
R437SW	CHIP THICK	100 kohm	1/16W	J	1	C20001046M160S	
R438	METAL FILM 100PPM	2.2 kohm	1W	J	1	C060022265050S	
R439	CHIP THICK	220 ohm	1/16W	J	1	C20002216M160S	
R440	CHIP THICK	4.7 kohm	1/16W	J	1	C20004726M160S	
R441	CARBON FILM	27 kohm	1/5W	J	1	C00002736P520S	
R442	METAL FILM 100PPM	2.2 kohm	1W	J	1	C060022265050S	

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
R443	CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	
R445	CARBON FILM 22 kohm 1/5W J	1	C00002236P520S	
R446	CARBON FILM 820 ohm 1/5W J	1	C00008216P520S	
R447	CHIP THICK 560 kohm 1/16W J	1	C20005646M160S	
R448	CHIP THICK 33 kohm 1/16W J	1	C20003336M160S	
R449	CARBON FILM 270 ohm 1/5W J	1	C00002716P520S	
R450	CARBON FILM 2.2 kohm 1/5W J	1	C00002226P520S	
R451/R452	CEMENT RADIAL FORM 0.1 ohm 5W J	2	C141R10069010S	
R453	CARBON FILM 51 kohm 1/5W J	1	C00005136P520S	
R454-R456	METAL FILM 100PPM 0.22 ohm 1W J	3	C060R22065050S	
R457/R458	CARBON FILM 51 kohm 1/5W J	2	C00005136P520S	
R459	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R460	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R462	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R463/R464	METAL FILM 100PPM 0.22 ohm 1W J	2	C060R22065050S	
R466/R467	METAL FILM 100PPM 470 ohm 2W J	2	C060047166060S	
R468	CHIP THICK 43 kohm 1/16W J	1	C20004336M160S	
R469	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R472/R473	CARBON FILM 470 ohm 1/5W J	2	C00004716P520S	
R485	CHIP THICK 47 ohm 1/16W J	1	C20004706M160S	
R501	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R502	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R504	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R504C	CHIP THICK 470 kohm 1/16W J	1	C20004746M160S	
R504F	CHIP THICK 470 kohm 1/16W J	1	C20004746M160S	
R504RB	CHIP THICK 470 kohm 1/16W J	1	C20004746M160S	
R504SR	CHIP THICK 470 kohm 1/16W J	1	C20004746M160S	
R504SW	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	
R505	CARBON FILM 220 ohm 1/5W J	1	C00002216P520S	
R505L/R	CHIP THICK 1 kohm 1/16W J	2	C20001026M160S	
R506L/R	CHIP THICK 100 kohm 1/16W J	2	C20001046M160S	
R509L/R	CHIP THICK 470 ohm 1/16W J	2	C20004716M160S	
R510L/R	CHIP THICK 220 kohm 1/16W J	2	C20002246M160S	
R511/R512	CHIP THICK 100 ohm 1/16W J	2	C20001016M160S	
R511L/R	CHIP THICK 470 ohm 1/16W J	2	C20004716M160S	
R512L/R	CHIP THICK 220 kohm 1/16W J	2	C20002246M160S	
R513/R514	CHIP THICK 4.7 kohm 1/16W J	2	C20004726M160S	
R514L/R	CHIP THICK 470 ohm 1/16W J	2	C20004716M160S	
R515L/R	CHIP THICK 220 kohm 1/16W J	2	C20002246M160S	
R516/R517	FUSIBLE METAL 2.2 ohm 1/2W J	2	C1012R2064060S	
R516L/R	CHIP THICK 470 ohm 1/16W J	2	C20004716M160S	
R517L/R	CHIP THICK 220 kohm 1/16W J	2	C20002246M160S	
R518/R519	METAL FILM 100PPM 100 ohm 1W J	2	C060010165060S	
R518L/R	CHIP THICK 1 kohm 1/16W J	2	C20001026M160S	
R519L/R	CHIP THICK 100 kohm 1/16W J	2	C20001046M160S	
R527	CARBON FILM 100 ohm 1/5W J	1	C00001016P520S	
R530C	CARBON FILM 1 kohm 1/5W J	1	C00001026P520S	
R530FL	CARBON FILM 1 kohm 1/5W J	1	C00001026P520S	
R530FR	CARBON FILM 1 kohm 1/5W J	1	C00001026P520S	
R530LB	CARBON FILM 1 kohm 1/5W J	1	C00001026P520S	
R530RB	CARBON FILM 1 kohm 1/5W J	1	C00001026P520S	
R530SL	CARBON FILM 1 kohm 1/5W J	1	C00001026P520S	
R530SR	CARBON FILM 1 kohm 1/5W J	1	C00001026P520S	
R530SW	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R531SW	CHIP THICK 3.6 kohm 1/16W J	1	C20003626M160S	
R532SW	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	
R533SW	CHIP THICK 4.7 kohm 1/16W J	1	C20004726M160S	
R534C	CARBON FILM 1 kohm 1/5W J	1	C00001026P520S	
R534R	CARBON FILM 1 kohm 1/5W J	1	C00001026P520S	
R534RB	CARBON FILM 1 kohm 1/5W J	1	C00001026P520S	
R534SR	CARBON FILM 1 kohm 1/5W J	1	C00001026P520S	
R534SW	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R535	CARBON FILM 100 ohm 1/5W J	1	C00001016P520S	
R535C	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R535L	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R535LB	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R535R	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R535RB	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R535SL	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R535SR	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R535SW	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R536	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R536C	CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	
R536L	CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
R536LB	CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	
R536R	CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	
R536RB	CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	
R536SL	CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	
R536SR	CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	
R536SW	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R537/R538	CHIP THICK 10 kohm 1/16W J	2	C20001036M160S	
R537C	CARBON FILM 470 kohm 1/5W J	1	C00004746P520S	
R537L	CARBON FILM 470 kohm 1/5W J	1	C00004746P520S	
R537LB	CARBON FILM 470 kohm 1/5W J	1	C00004746P520S	
R537SL	CARBON FILM 470 kohm 1/5W J	1	C00004746P520S	
R537SW	CHIP THICK 470 kohm 1/16W J	1	C20004746M160S	
R538C	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R538L	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R538LB	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R538R	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R538RB	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R538SL	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R538SR	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R538SW	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R539SW	CHIP THICK 22 kohm 1/16W J	1	C20002236M160S	
R540SW	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R542	CARBON FILM 100 ohm 1/5W J	1	C00001016P520S	
R546C	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R546FL	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R546FR	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R546SBL	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R546SBR	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R546SL	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R546SR	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R546SW	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R547C	CHIP THICK 2.2 Mohm 1/16W J	1	C20002256M160S	
R547FL	CHIP THICK 2.2 Mohm 1/16W J	1	C20002256M160S	
R547FR	CHIP THICK 2.2 Mohm 1/16W J	1	C20002256M160S	
R547SBL	CHIP THICK 2.2 Mohm 1/16W J	1	C20002256M160S	
R547SBR	CHIP THICK 2.2 Mohm 1/16W J	1	C20002256M160S	
R547SL	CHIP THICK 2.2 Mohm 1/16W J	1	C20002256M160S	
R547SR	CHIP THICK 2.2 Mohm 1/16W J	1	C20002256M160S	
R547SW	CHIP THICK 2.2 Mohm 1/16W J	1	C20002256M160S	
R565	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	
R566	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R567	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	E
R567	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	G
R567	CHIP THICK 4.7 kohm 1/16W J	1	C20004726M160S	K
R568	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R569	CHIP THICK 220 kohm 1/16W J	1	C20002246M160S	
R570	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R572	CHIP THICK 4.7 kohm 1/16W J	1	C20004726M160S	
R573	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	
R578	CARBON FILM 47 kohm 1/5W J	1	C00004736P520S	
R580/R581	CARBON FILM 100 ohm 1/5W J	2	C00001016P520S	
R588	CHIP THICK 4.7 kohm 1/16W J	1	C20004726M160S	
R589	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R590-R592	CHIP THICK 100 ohm 1/16W J	3	C20001016M160S	
R593/R594	CHIP THICK 22 kohm 1/16W J	2	C20002236M160S	
R595	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R596	CARBON FILM 100 ohm 1/5W J	1	C00001016P520S	
R597/R598	CHIP THICK 100 ohm 1/16W J	2	C20001016M160S	
R599	CARBON FILM 47 kohm 1/5W J	1	C00004736P520S	
R605	CARBON FILM 100 ohm 1/5W J	1	C00001016P520S	
R610	CARBON FILM 100 ohm 1/5W J	1	C00001016P520S	
R615	CARBON FILM 150 ohm 1/5W J	1	C00001516P520S	
R622	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	
R624-R626	CHIP THICK 47 kohm 1/16W J	3	C20004736M160S	
R629-R632	CHIP THICK 47 kohm 1/16W J	4	C20004736M160S	
R633/R634	CARBON FILM 47 kohm 1/5W J	2	C00004736P520S	
R637	CARBON FILM 100 ohm 1/5W J	1	C00001016P520S	
R638/R639	CHIP THICK 4.7 ohm 1/16W J	2	C2004R706M160S	
R641L/R	CHIP THICK 100 kohm 1/16W J	2	C20001046M160S	
R642L/R	CHIP THICK 470 ohm 1/16W J	2	C20004716M160S	
	MISCELLANEOUS			
D426	CN,WIRE 1P	1	L045084006040S	
D437	CN,WIRE 1P	1	L045084006040S	
D440	CN,WIRE 1P	1	L045084006040S	

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
GND405	TERMINAL	1	3790040886000S	
GND407	TERMINAL	1	3790040886000S	
GND408	TERMINAL	1	3790040886000S	
J102-J115	CN,WIRE 1P	14	L045084006040S	
J116	CHIP THICK 0 ohm 1/16W J	1	C20000006M160S	
J118-J122	CN,WIRE 1P	5	L045084006040S	
J123	CHIP THICK 0 ohm 1/16W J	1	C20000006M160S	
J124	CN,WIRE 1P	1	L045084006040S	
J125	CHIP THICK 0 ohm 1/16W J	1	C20000006M160S	
J126	CN,WIRE 1P	1	L045084006040S	
J127	CHIP THICK 0 ohm 1/16W J	1	C20000006M160S	
J128- J131	CN,WIRE 1P	4	L045084006040S	
J132-J134	CHIP THICK 0 ohm 1/16W J	3	C20000006M160S	
J135	CN,WIRE 1P	1	L045084006040S	
J136	CHIP THICK 0 ohm 1/8W J	1	C2000000061300S	
J137/J138	CN,WIRE 1P	2	L045084006040S	
J139/J140	CHIP THICK 0 ohm 1/8W J	2	C2000000061300S	
J141	CN,WIRE 1P	1	L045084006040S	
J142	CHIP THICK 0 ohm 1/16W J	1	C20000006M160S	
J143/J144	CN,WIRE 1P	2	L045084006040S	
J146	CN,WIRE 1P	1	L045084006040S	
J148	CHIP THICK 0 ohm 1/8W J	1	C2000000061300S	
J149	CN,WIRE 1P	1	L045084006040S	
J150-J154	CHIP THICK 0 ohm 1/16W J	5	C20000006M160S	
J155-J160	CN,WIRE 1P	6	L045084006040S	
J161	CHIP THICK 0 ohm 1/8W J	1	C2000000061300S	
J162-J237	CN,WIRE 1P	86	L045084006040S	
J238-J243	CHIP THICK 0 ohm 1/16W J	6	C20000006M160S	
J244/J245	CHIP THICK 0 ohm 1/8W J	2	C2000000061300S	
J246	CHIP THICK 0 ohm 1/16W J	1	C20000006M160S	
J247/J248	CN,WIRE 1P	2	L045084006040S	
J249	CHIP THICK 0 ohm 1/16W J	1	C20000006M160S	
J250-J254	CN,WIRE 1P	5	L045084006040S	
J256-J265	CN,WIRE 1P	9	L045084006040S	
J271-J273	CN,WIRE 1P	3	L045084006040S	
J276-J278	CN,WIRE 1P	3	L045084006040S	
J280-J304	CN,WIRE 1P	25	L045084006040S	
J328	CN,WIRE 1P	1	L045084006040S	
J334-J339	CN,WIRE 1P	6	L045084006040S	
J340	CHIP THICK 0 ohm 1/8W J	1	C2000000061300S	
J341	CN,WIRE 1P	1	L045084006040S	
J342	CHIP THICK 0 ohm 1/16W J	1	C20000006M160S	
J343-J345	CN,WIRE 1P	3	L045084006040S	
J346	CHIP THICK 0 ohm 1/8W J	1	C2000000061300S	
J347-J352	CN,WIRE 1P	6	L045084006040S	
J353/J354	CHIP THICK 0 ohm 1/8W J	2	C2000000061300S	
J355	CN,WIRE 1P	1	L045084006040S	
J356-J358	CHIP THICK 0 ohm 1/8W J	3	C2000000061300S	
J359-J366	CN,WIRE 1P	8	L045084006040S	
J367	CHIP THICK 0 ohm 1/8W J	1	C2000000061300S	
J368-J370	CN,WIRE 1P	3	L045084006040S	
J372-J376	CN,WIRE 1P	5	L045084006040S	
J380-J388	CN,WIRE 1P	9	L045084006040S	
JACK401	TER,RCA	1	G608670VB040MS	
JACK402	TER,RCA	1	G608670VB030MS	
JACK403	TER,BOARD PUSH 8P	1	G598801SA090YS	A
JACK404	TER,BOARD PUSH 6P	1	G596601SA050YS	A
PACK401	TUNER, FM/AM	1	E903001000010S	A
PACK401	TUNER, FM/AM	1	E903004100010S	E
PACK401	TUNER, FM/AM	1	E903104100010S	G
PACK401	TUNER, FM/AM	1	E903004100010S	K
R553	CHIP THICK 0 ohm 1/16W J	1	C20000006M160S	
RLY403-RLY407	RELAY, DC12V 5A	5	G680125050240S	
XTAL501	RESONATOR, ZTT10.00MT	1	E830100000060S	
	SCREW, +2S 3*8 B-TYPE ZNW/BH	1	B020030081B10S	
	TER,BOARD SCREW 6P	1	G613061270800S	E/G/K
	TER,BOARD SCREW 8P	1	G614801A1400YS	E/G/K
	HEAT SINK	1	2120000818020S	
	TAPE, ACETATE CLOTH	1	1220210059060S	
PCB1-1	**ASSEMBLY P.C.BOARD GUIDE**			
CLAMP303	CLAMP	1	4330000120000S	
PCB1-2	**ASSEMBLY P.C.BOARD GUIDE L**			
CLAMP301	CLAMP	1	4330000120000S	
J320-J327	CN,WIRE 1P	8	L045084006040S	

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
PCB1-3	**ASSEMBLY P.C.BOARD GUIDE R**			
CLAMP302	CLAMP	1	43300001200000S	
J312-J319	CN,WIRE 1P	8	L045084006040S	
PCB2	**ASSEMBLY P.C.BOARD FRONT**		**7025HK0601015**	**A**
PCB2	**ASSEMBLY P.C.BOARD FRONT**		**7025HK0601025**	**G**
PCB2	**ASSEMBLY P.C.BOARD FRONT**		**7025HK0601035**	**K**
PCB2	**ASSEMBLY P.C.BOARD FRONT**		**7025HK0601055**	**E**
C701/C702	CERAMIC CHIP HIK 820 pF 50V K	2	D011821777160S	
C703	ELECT GE 85C 47 uF 16V M	1	D040470083080S	
C704	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	
C705/C706	CERAMIC CHIP HIK 820 pF 50V K	2	D011821777160S	
C707	FILM POLYESTER 0.047 uF 100V J	1	D02047306C060S	
C708/C709	ELECT GE 85C 1 uF 50V M	2	D040010087150S	
C710	FILM POLYESTER 0.047 uF 100V J	1	D02047306C060S	
C713L/R	CERAMIC CHIP T.C 470 pF 50V J	2	D010471167160S	
C714/C715	CERAMIC HIK AXIAL 0.1 uF 50V Z	2	D005104597530S	
C717	ELECT GE 85C 47 uF 16V M	1	D040470083080S	
C719	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	
C721	ELECT GE 85C 100 uF 10V M	1	D040101082070S	
C726-C728	CERAMIC CHIP HIK 0.01 uF 50V K	3	D011103777160S	
C731	ELECT GE 85C 10 uF 50V M	1	D040100087070S	
C734	ELECT GE 85C 1 uF 50V M	1	D040010087150S	
C735L/R	ELECT GE 85C 10 uF 50V M	2	D040100087070S	
C743-C745	CERAMIC CHIP T.C 100 pF 50V J	3	D010101167160S	
CB701/CB702	BEAD,COIL SMD1608 TYPE	2	D340160800060S	
CB708/CB709	BEAD,COIL SMD1608 TYPE	2	D340160800060S	
CN701	CN,WIRE 80MM (3P)	1	L000800030130S	
CP704	CN.WAFER 2.5MM (3P)	1	L102526803010S	
D701/D702	1N4148W, SWITCHING CHIP	2	K005041480020S	
DZ705	7.5V, ZENER CHIP	1	K06607R54P400S	
FPC700	CN.FPC 1.25MM (17P)	1	L131101700010S	
IC701	SC16315, LINEAR-DRIVER	1	J1271631500010S	
J701/J702	CN,WIRE 1P	2	L045084006040S	
J705-J708	CN,WIRE 1P	4	L045084006040S	
J710/J711	CN,WIRE 1P	2	L045084006040S	
J713	CN,WIRE 1P	1	L045084006040S	
J715/J716	CN,WIRE 1P	2	L045084006040S	
J719-J729	CN,WIRE 1P	11	L045084006040S	
JACK700	TER,RCA 3PIN	1	G606040320000S	
L700	INDUCTOR, COIL 100UH	1	D330101001020S	
L702	INDUCTOR, COIL 10UH	1	D330100700520S	
L703/L704	CN,WIRE 1P	2	L045084006040S	
LED701/LED702	LED	2	K500032000150S	
Q701/Q702	KRC105S(NE), NPN	2	J5220105002105	
Q703	KRA105S(PE), PNP	1	J5200105002105	
Q704	KRC105S(NE), NPN	1	J5220105002105	
R702/R703	CHIP THICK 68 kohm 1/16W J	2	C20006836M160S	
R704-R731	CHIP THICK 56 kohm 1/16W J	28	C20005636M160S	
R732/R733	CHIP THICK 68 kohm 1/16W J	2	C20006836M160S	
R736	CHIP THICK 8.2 kohm 1/16W J	1	C20008226M160S	
R737	CHIP THICK 82 kohm 1/16W J	1	C20008236M160S	
R738	CHIP THICK 8.2 kohm 1/16W J	1	C20008226M160S	
R739/R740	CHIP THICK 470 ohm 1/16W J	2	C20004716M160S	
R741/R742	CHIP THICK 4.7 kohm 1/16W J	2	C20004726M160S	
R743	CHIP THICK 75 ohm 1/16W J	1	C20007506M160S	
R744/R745	CHIP THICK 3.3 kohm 1/16W J	2	C20003326M160S	
R746	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R747	CHIP THICK 3.3 kohm 1/16W J	1	C20003326M160S	
R748	CHIP THICK 200 ohm 1/16W J	1	C20002016M160S	
R749-R751	CHIP THICK 2.2 kohm 1/16W J	3	C20002226M160S	
R752-R754	CHIP THICK 1.5 kohm 1/16W J	3	C20001526M160S	
R755-R757	CHIP THICK 1 kohm 1/16W J	3	C20001026M160S	
R771	CHIP THICK 15 kohm 1/16W J	1	C20001536M160S	
R774	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R782L/R	CHIP THICK 220 kohm 1/16W J	2	C20002246M160S	
R784L/R	CHIP THICK 470 ohm 1/16W J	2	C20004716M160S	
RMC701	MODULE, NJL34H380A 38KHz	1	E940343800010S	
SW701-SW719	SW,TACT	19	G180000270010S	
VR701	SW,ENCODER	1	G121123070010S	
WIRE701	RING,TER WIRE 120,80MM (2P)	1	8410121020020S	
	DISPLAY, FLT		K530121300010S	
	HOLDER		432004078301AS	
PCB2-1	**ASSEMBLY P.C.BOARD MULTI JOG**			

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
C741	CERAMIC HIK AXIAL 0.01 uF 16V M	1	D005103773530S	
CB703	BEAD,COIL SMD1608 TYPE	1	D340160800060S	
VR702	SW,ENCODER	1	G121123050010S	
PCB2-2	**ASSEMBLY P.C.BOARD MIC SETUP**			
C716	CERAMIC HIK DISC 0.01 uF 50V Z	1	D004103097060S	
C718	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	
C720	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	
C723-C725	ELECT GE 85C 1 uF 50V M	3	D040010087070S	
C729/C730	CERAMIC CHIP T.C 100 pF 50V J	2	D010101167160S	
C732/C733	CERAMIC CHIP T.C 150 pF 50V J	2	D010151167160S	
C737	CERAMIC CHIP T.C 220 pF 50V J	1	D010221167160S	
C738	CERAMIC HIK DISC 0.01 uF 50V Z	1	D004103097060S	
CN706	CN,WIRE 440MM (12P)	1	L000441120010S	
IC702	D4558, LINEAR OP	1	J1214558001605	
J709	CHIP THICK 0 ohm 1/16W J	1	C20000006M160S	
J758/J759	CN,WIRE 1P	2	L045084006040S	
JACK701	JACK,D3.5	1	G401035180050S	
JACK702	JACK,D3.5	1	G401035180050S	
R758	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R759-R762	CHIP THICK 100 ohm 1/16W J	4	C20001016M160S	
R763/R764	CHIP THICK 100 kohm 1/16W J	2	C20001046M160S	
R765	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R766	CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	
R767	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R768	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R769	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	
R770	CHIP THICK 1.5 kohm 1/16W J	1	C20001526M160S	
R772	CHIP THICK 1.5 kohm 1/16W J	1	C20001526M160S	
R773	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R776	CHIP THICK 4.7 kohm 1/16W J	1	C20004726M160S	
PCB2-3	**ASSEMBLY P.C.BOARD HEAD PHONE**			
C711	CERAMIC HIK AXIAL 0.01 uF 16V M	1	D005103773530S	
C712L/R	CERAMIC CHIP HIK 0.01 uF 50V Z	2	D011103597160S	
CB707	BEAD,COIL SMD1608 TYPE	1	D340160800060S	
CN702	CN,WIRE 380MM (4P)	1	L000381040010S	
JACK705	JACK,D6.5	1	G402040161330S	
PCB2-4	**ASSEMBLY P.C.BOARD POWER SW**			
CN709	CN,WIRE 420MM (2P)	1	L000421020020S	
SW700	SW,PUSH	1	G000122006060S	
PCB3	**ASSEMBLY P.C.BOARD DSP**		**7025HK0601012**	**A**
PCB3	**ASSEMBLY P.C.BOARD DSP**		**7025HK0601022**	**G**
PCB3	**ASSEMBLY P.C.BOARD DSP**		**7025HK0601032**	**K**
PCB3	**ASSEMBLY P.C.BOARD DSP**		**7025HK0601052**	**E**
	COILS			
BD101-BD105	BEAD,COIL SMD1608 TYPE	5	D340160800060S	A
BD107-BD123	BEAD,COIL SMD1608 TYPE	17	D340160800060S	
BD124-BD135	BEAD,COIL SMD1608 TYPE	12	D340160800060S	A
BD136-BD160	BEAD,COIL SMD1608 TYPE	25	D340160800060S	
BD161/BD162	BEAD,COIL SMD1608 TYPE	2	D340160800060S	A
BD163	BEAD,COIL SMD1608 TYPE	1	D340160800060S	
BD803/BD804	BEAD,COIL SMD1608 TYPE	2	D340160800060S	
BD806	BEAD,COIL SMD1608 TYPE	1	D340160800060S	
BD808	BEAD,COIL SMD1608 TYPE	1	D340160800060S	
BD812	BEAD,COIL SMD1608 TYPE	1	D340160800060S	
BD814-BD816	BEAD,COIL SMD1608 TYPE	3	D340160800060S	
BD818/BD819	BEAD,COIL SMD1608 TYPE	2	D340160800060S	
L800/L801	INDUCTOR, COIL 2.2UH	2	D3302R2000150S	
L802-L804	INDUCTOR, COIL 4.7UH	3	D3304R7000150S	
	CAPACITORS			
C101-C104	CERAMIC CHIP T.C 20 pF 50V J	4	D010200167160S	A
C105-C107	CERAMIC CHIP HIK 0.1 uF 50V Z	3	D011104597160S	A
C108	ELECT GE 85C 10 uF 50V M	1	D040100087070S	A
C109	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	A
C112	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	A
C113	CERAMIC CHIP HIK 1000 pF 50V K	1	D011102777160S	A
C117/C118	CERAMIC CHIP HIK 0.1 uF 50V Z	2	D011104597160S	A
C119	CERAMIC CHIP HIK 1000 pF 50V K	1	D011102777160S	A
C120-C123	ELECT GE 85C 10 uF 50V M	4	D040100087070S	A
C124	ELECT GE 85C 100 uF 16V M	1	D040101083090S	A
C125	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	A
C126/C127	CERAMIC CHIP T.C 33 pF 50V J	2	D010330167160S	A
C128	CERAMIC CHIP T.C 100 pF 50V J	1	D010101167160S	A
C129	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	A

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
C130	CERAMIC CHIP T.C 100 pF 50V J	1	D010101167160S	A
C132	CERAMIC CHIP T.C 560 pF 50V J	1	D010561167160S	A
C133	ELECT GE 85C 10 uF 50V M	1	D040100087070S	A
C134	CERAMIC CHIP HIK 1800 pF 50V K	1	D011182777160S	A
C136	CERAMIC CHIP T.C 560 pF 50V J	1	D010561167160S	A
C137	CERAMIC CHIP HIK 1800 pF 50V K	1	D011182777160S	A
C138	CERAMIC CHIP T.C 560 pF 50V J	1	D010561167160S	A
C140/C141	ELECT GE 85C 22 uF 25V M	2	D040220084050S	A
C148	CERAMIC CHIP T.C 560 pF 50V J	1	D010561167160S	A
C149	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	A
C800/C801	CERAMIC CHIP T.C 22 pF 50V J	2	D010220167160S	
C802-C804	CERAMIC CHIP HIK 0.1 uF 50V Z	3	D011104597160S	
C805/C806	ELECT GE 85C 47 uF 16V M	2	D040470083080S	
C807	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	
C808	ELECT GE 85C 47 uF 16V M	1	D040470083080S	
C809-C811	CERAMIC CHIP T.C 22 pF 50V J	3	D010220167160S	
C812/C813	CERAMIC CHIP HIK 0.1 uF 50V Z	2	D011104597160S	
C814	CERAMIC CHIP T.C 27 pF 50V J	1	D010270167160S	
C815	ELECT GE 85C 0.1 uF 50V M	1	D040R10087080S	
C816	CERAMIC CHIP T.C 27 pF 50V J	1	D010270167160S	
C817	ELECT GE 85C 100 uF 10V M	1	D040101082090S	
C818	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	
C819	CERAMIC CHIP T.C 100 pF 50V J	1	D010101167160S	
C820	CERAMIC CHIP HIK 3300 pF 50V K	1	D011332777160S	
C821	ELECT GE 85C 100 uF 10V M	1	D040101082090S	
C822	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	
C823	ELECT GE 85C 0.1 uF 50V M	1	D040R10087080S	
C824	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	
C825	ELECT GE 85C 220 uF 10V M	1	D040221082090S	
C826/C827	CERAMIC CHIP HIK 0.1 uF 50V Z	2	D011104597160S	
C828	ELECT GE 85C 10 uF 50V M	1	D040100087070S	
C829	CERAMIC CHIP HIK 3300 pF 50V K	1	D011332777160S	
C830/C831	CERAMIC CHIP HIK 0.1 uF 50V Z	2	D011104597160S	
C832	ELECT GE 85C 100 uF 10V M	1	D040101082090S	
C833	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	
C834/C835	CERAMIC CHIP T.C 220 pF 50V J	2	D010221167160S	
C836-C838	CERAMIC CHIP HIK 0.1 uF 50V Z	3	D011104597160S	
C839	CERAMIC CHIP HIK 0.01 uF 50V Z	1	D011103597160S	
C840/C841	CERAMIC CHIP HIK 0.1 uF 50V Z	2	D011104597160S	
C842	ELECT GE 85C 100 uF 10V M	1	D040101082090S	
C843	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	
C844	ELECT GE 85C 220 uF 10V M	1	D040221082090S	
C845/C846	CERAMIC CHIP HIK 0.1 uF 50V Z	2	D011104597160S	
C847	ELECT GE 85C 220 uF 10V M	1	D040221082090S	
C848	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	
C849	CERAMIC CHIP HIK 3300 pF 50V K	1	D011332777160S	
C850-C855	CERAMIC CHIP HIK 0.1 uF 50V Z	6	D011104597160S	
C856	ELECT GE 85C 100 uF 10V M	1	D040101082090S	
C857	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D011104597160S	
C858	ELECT GE 85C 100 uF 10V M	1	D040101082090S	
C859	CERAMIC CHIP HIK 3300 pF 50V K	1	D011332777160S	
C859L/R	ELECT GE 85C 10 uF 16V M	2	D040100083050S	
C860-C865	CERAMIC CHIP HIK 0.1 uF 50V Z	6	D011104597160S	
C866	CERAMIC CHIP HIK 3300 pF 50V K	1	D011332777160S	
C867-C874	CERAMIC CHIP HIK 0.1 uF 50V Z	8	D011104597160S	
C875	ELECT GE 85C 100 uF 10V M	1	D040101082090S	
C876	CERAMIC CHIP HIK 3300 pF 50V K	1	D011332777160S	
C877	CERAMIC CHIP T.C 100 pF 50V J	1	D010101167160S	
C878	ELECT GE 85C 100 uF 10V M	1	D040101082090S	
C879	CERAMIC CHIP HIK 3300 pF 50V K	1	D011332777160S	
C880-C883	CERAMIC CHIP HIK 0.1 uF 50V Z	4	D011104597160S	
C884	ELECT GE 85C 100 uF 10V M	1	D040101082090S	
C887-C894	CERAMIC CHIP HIK 0.1 uF 50V Z	8	D011104597160S	
C895	CERAMIC CHIP HIK 1000 pF 50V K	1	D011102777160S	
C896-C898	CERAMIC CHIP HIK 0.1 uF 50V Z	3	D011104597160S	
C899/C900	CERAMIC CHIP T.C 22 pF 50V J	2	D010220167160S	
C899C	ELECT GE 85C 10 uF 16V M	1	D040100083050S	
C899FL	ELECT GE 85C 10 uF 16V M	1	D040100083050S	
C899FR	ELECT GE 85C 10 uF 16V M	1	D040100083050S	
C899SBL	ELECT GE 85C 10 uF 16V M	1	D040100083050S	
C899SBR	ELECT GE 85C 10 uF 16V M	1	D040100083050S	
C899SL	ELECT GE 85C 10 uF 16V M	1	D040100083050S	
C899SR	ELECT GE 85C 10 uF 16V M	1	D040100083050S	
C899SW	ELECT GE 85C 10 uF 16V M	1	D040100083050S	

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
C901	ELECT GE 85C 470 uF 10V M	1	D0404710820 60S	
C902	ELECT GE 85C 220 uF 10V M	1	D0402210820 90S	
C903	ELECT GE 85C 100 uF 16V M	1	D0401010830 90S	
	CONNECTORS			
CON801	CN.FPC 1.25MM (7P)	1	L1310071000 10S	
CP101	CN.WAFER 2.0MM (7P)	1	L1011000031 610S	
CP801/CP802	CN.WAFER 2.0MM (20P)	2	L1011000032 010S	
	DIODES			
D101-D107	1N4148W, SWITCHING CHIP	7	K0050414800 20S	A
D800	1N4148W, SWITCHING CHIP	1	K0050414800 20S	
D804	1N4148W, SWITCHING CHIP	1	K0050414800 20S	
D808/D809	1N4148W, SWITCHING CHIP	2	K0050414800 20S	
	INTEGRATED CIRCUITS			
IC101	F2602E, ANALOG	1	J0802602000 20S	A
IC102	AK4385, LOGIC-D/A CONVER	1	J0424385000 10S	A
IC103	D4558, LINEAR OP	1	J1214558001 60S	A
IC105	PQ20RX11, LINEAR-REGULATOR	1	J1262011000 10S	A
IC800	AK4588, ANALOG	1	J0804588000 10S	
IC801	LM1117S, LINEAR-REGULATOR	1	J1261117120 20S	
IC802	BA033T, LINEAR-REGULATOR	1	J12603R300 010S	
IC803	KIA7805API, LINEAR-REGULATOR	1	J1267805001 10S	
IC805	TMS320D607A, ANALOG	1	J0803206700 10S	
IC806	KIA78R05PI, LINEAR-REGULATOR	1	J1267805003 70S	
IC807	LM1117S, LINEAR-REGULATOR	1	J1261117330 30S	
IC808	IC42S16400, MEMORY-RAM	1	J0014216400 20S	
IC810	ES29LV800ET, MEMORY FLASH	1	J0052980001 00S	
IC811	74VHCU04MX, LOGIC	1	J0407404002 60S	
	TRANSISTORS			
Q101	KRC105S(NE), NPN	1	J5220105002 10S	A
Q102	KRA105S(PE),PNP	1	J5200105002 10S	A
Q103	KRC105S(NE), NPN	1	J5220105002 10S	A
Q104	KRC102S(NB), NPN	1	J5220102002 10S	A
Q106/Q107	KRA102S(PB), PNP	2	J5200102002 10S	A
Q108-Q111	KTC2875B(MB), NPN	4	J5222875B00 10S	A
	RESISTORS			
R101/R102	CHIP THICK 100 ohm 1/16W J	2	C20001016M160S	A
R103/R104	CHIP THICK 1 kohm 1/16W J	2	C20001026M160S	A
R105	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	A
R106/R107	CHIP THICK 47 kohm 1/16W J	2	C20004736M160S	A
R110	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	A
R111	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	A
R113	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	A
R115	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	A
R116	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	A
R118	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	A
R119/R120	CHIP THICK 10 kohm 1/16W J	2	C20001036M160S	A
R121/R122	CHIP THICK 47 kohm 1/16W J	2	C20004736M160S	A
R123-R126	CHIP THICK 100 ohm 1/16W J	4	C20001016M160S	A
R127	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	A
R128	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	A
R129	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	A
R130/R131	CHIP THICK 1.8 kohm 1/16W J	2	C20001826M160S	A
R132	CHIP THICK 3.3 kohm 1/16W J	1	C20003326M160S	A
R133/R134	CHIP THICK 680 ohm 1/16W J	2	C20006816M160S	A
R135	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	A
R136	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	A
R137	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	A
R138	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	A
R139	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	A
R140	CHIP THICK 33 kohm 1/16W J	1	C20003336M160S	A
R141	CHIP THICK 200 ohm 1/16W J	1	C20002016M160S	A
R142	CHIP THICK 33 kohm 1/16W J	1	C20003336M160S	A
R143/R144	CHIP THICK 1.8 kohm 1/16W J	2	C20001826M160S	A
R145	CHIP THICK 3.3 kohm 1/16W J	1	C20003326M160S	A
R146/R147	CHIP THICK 680 ohm 1/16W J	2	C20006816M160S	A
R148	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	A
R149/R150	CHIP THICK 100 kohm 1/16W J	2	C20001046M160S	A
R151	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	A
R152/R153	CHIP THICK 33 kohm 1/16W J	2	C20003336M160S	A
R154	CHIP THICK 200 ohm 1/16W J	1	C20002016M160S	A
R155	CHIP THICK 3.9 kohm 1/16W J	1	C20003926M160S	A
R156	CHIP THICK 2 kohm 1/16W J	1	C20002026M160S	A
R157	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	A

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
R158	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	A
R159/R160	CHIP THICK 10 kohm 1/16W J	2	C20001036M160S	A
R161/R162	CHIP THICK 3.3 kohm 1/16W J	2	C20003326M160S	A
R163	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	A
R164	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	A
R165	CHIP THICK 22 ohm 1/16W J	1	C20002206M160S	A
R166	CHIP THICK 4.3 kohm 1/16W J	1	C20004326M160S	A
R170	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	A
R192	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	A
R196-R198	CHIP THICK 1 kohm 1/16W J	3	C20001026M160S	A
R520-R526	CHIP THICK 1 kohm 1/16W J	7	C20001026M160S	
R527-R533	CHIP THICK 100 kohm 1/16W J	7	C20001046M160S	
R800	CHIP THICK 75 ohm 1/16W J	1	C20007506M160S	
R801/R802	CHIP THICK 100 ohm 1/16W J	2	C20001016M160S	
R803	CHIP THICK 4.7 kohm 1/16W J	1	C20004726M160S	
R804	CHIP THICK 75 ohm 1/16W J	1	C20007506M160S	
R805	CHIP THICK 4.7 kohm 1/16W J	1	C20004726M160S	
R806	CHIP THICK 1 Mohm 1/16W J	1	C20001056M160S	
R807	CHIP THICK 220 ohm 1/16W J	1	C20002216M160S	
R808	CHIP THICK 750 ohm 1/16W J	1	C20007516M160S	
R809	CHIP THICK 4.7 kohm 1/16W J	1	C20004726M160S	
R810/R811	CHIP THICK 470 ohm 1/16W J	2	C20004716M160S	
R817-R820	CHIP THICK 10 kohm 1/16W J	4	C20001036M160S	
R821	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R822	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R823/R824	CHIP THICK 4.7 kohm 1/16W J	2	C20004726M160S	
R826	CHIP THICK 12 kohm 1/16W J	1	C20001236M160S	
R829-R833	CHIP THICK 470 ohm 1/16W J	5	C20004716M160S	
R835	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R838-R840	CHIP THICK 470 ohm 1/16W J	3	C20004716M160S	
R841	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R842-R844	CHIP THICK 470 ohm 1/16W J	3	C20004716M160S	
R845/R846	CHIP THICK 10 kohm 1/16W J	2	C20001036M160S	
R861-R864	CHIP THICK 470 ohm 1/16W J	4	C20004716M160S	
R865/R866	CHIP THICK 150 kohm 1/16W J	2	C20001516M160S	
R868-R872	CHIP THICK 470 ohm 1/16W J	5	C20004716M160S	
R873	CHIP THICK 3.9 kohm 1/16W J	1	C20003926M160S	
R874/R875	CHIP THICK 470 ohm 1/16W J	2	C20004716M160S	
R877	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R879	CHIP THICK 1.8 kohm 1/16W J	1	C20001826M160S	
R880	CHIP THICK 3.9 kohm 1/16W J	1	C20003926M160S	
R881	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R882	CHIP THICK 3.9 kohm 1/16W J	1	C20003926M160S	
R883	CHIP THICK 1.8 kohm 1/16W J	1	C20001826M160S	
R884/R885	CHIP THICK 470 ohm 1/16W J	2	C20004716M160S	
R886	CHIP THICK 47 ohm 1/16W J	1	C20004706M160S	
R887	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R888	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R889	CHIP THICK 47 ohm 1/16W J	1	C20004706M160S	
R890-R893	CHIP THICK 470 ohm 1/16W J	4	C20004716M160S	
R894	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R895	CHIP THICK 3.9 kohm 1/16W J	1	C20003926M160S	
R896	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R897	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R898	CHIP THICK 3.9 kohm 1/16W J	1	C20003926M160S	
R899	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R963	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R964	CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	
R965	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R966	CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	
	MISCELLANEOUS			
J101/J102	CHIP THICK 0 ohm 1/16W J	2	C20000006M160S	A
JACK101	CN.WAFER	1	L109040000020S	A
JACK801	TER,RCA 2PIN	1	G601206A0200YS	
JACK802	MODULE, JSR1165-C /OPTICAL	1	E100116500040S	
JACK803	MODULE, JSR1165-C /OPTICAL	1	E100116500040S	
JACK804	MODULE, JST1165-B /OPTICAL	1	E100116500030S	
LUG800	RING,TER WIRE 80MM (1P)	1	8410800180010S	
PLATE	SHIELD	1	3070210276000S	
X101	OSCILATOR, 45.1584 MHz	1	E855451584020S	A
XTAL800	CRYSTAL, 12.288MHz	1	E80012R288080S	
	HEAT SINK	1	2120000818020S	
	HEAT SINK	1	2120000818050S	A
	SCREW, +2S 3*8 B-TYPE ZNW/BH	2	B020030081B10S	

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
PCB4	**ASSEMBLY P.C.BOARD AMP**		**7025HK0601011**	**A**
PCB4	**ASSEMBLY P.C.BOARD AMP**		**7025HK0601021**	**G**
PCB4	**ASSEMBLY P.C.BOARD AMP**		**7025HK0601031**	**K**
PCB4	**ASSEMBLY P.C.BOARD AMP**		**7025HK0601051**	**E**
	CAPACITORS			
C201C	ELECT GE 85C 10 uF 50V M	1	D0401000870 70S	
C201FL	ELECT GE 85C 10 uF 50V M	1	D0401000870 70S	
C201FR	ELECT GE 85C 10 uF 50V M	1	D0401000870 70S	
C201SBL	ELECT GE 85C 10 uF 50V M	1	D0401000870 70S	
C201SBR	ELECT GE 85C 10 uF 50V M	1	D0401000870 70S	
C201SL	ELECT GE 85C 10 uF 50V M	1	D0401000870 70S	
C201SR	ELECT GE 85C 10 uF 50V M	1	D0401000870 70S	
C202C	CERAMIC HIK AXIAL 220 pF 50V K	1	D0052212775 20S	
C202FL	CERAMIC HIK AXIAL 220 pF 50V K	1	D0052212775 20S	
C202FR	CERAMIC HIK AXIAL 220 pF 50V K	1	D0052212775 20S	
C202SBL	CERAMIC HIK AXIAL 220 pF 50V K	1	D0052212775 20S	
C202SBR	CERAMIC HIK AXIAL 220 pF 50V K	1	D0052212775 20S	
C202SL	CERAMIC HIK AXIAL 220 pF 50V K	1	D0052212775 20S	
C202SR	CERAMIC HIK AXIAL 220 pF 50V K	1	D0052212775 20S	
C203C	CERAMIC-UNKNOWN 220 pF 500V	1	D0090922125 00S	
C203FL	CERAMIC-UNKNOWN 220 pF 500V	1	D0090922125 00S	
C203FR	CERAMIC-UNKNOWN 220 pF 500V	1	D0090922125 00S	
C203SBL	CERAMIC-UNKNOWN 220 pF 500V	1	D0090922125 00S	
C203SBR	CERAMIC-UNKNOWN 220 pF 500V	1	D0090922125 00S	
C203SL	CERAMIC-UNKNOWN 220 pF 500V	1	D0090922125 00S	
C203SR	CERAMIC-UNKNOWN 220 pF 500V	1	D0090922125 00S	
C204C	CERAMIC T.C DISC 33 pF 500V J	1	D00033006D050S	
C204FL	CERAMIC T.C DISC 33 pF 500V J	1	D00033006D050S	
C204FR	CERAMIC T.C DISC 33 pF 500V J	1	D00033006D050S	
C204SBL	CERAMIC T.C DISC 33 pF 500V J	1	D00033006D050S	
C204SBR	CERAMIC T.C DISC 33 pF 500V J	1	D00033006D050S	
C204SL	CERAMIC T.C DISC 33 pF 500V J	1	D00033006D050S	
C204SR	CERAMIC T.C DISC 33 pF 500V J	1	D00033006D050S	
C205C	ELECT GE 85C 100 uF 10V M	1	D0401010820 90S	
C205FL	ELECT GE 85C 100 uF 10V M	1	D0401010820 90S	
C205FR	ELECT GE 85C 100 uF 10V M	1	D0401010820 90S	
C205SBL	ELECT GE 85C 100 uF 10V M	1	D0401010820 90S	
C205SBR	ELECT GE 85C 100 uF 10V M	1	D0401010820 90S	
C205SL	ELECT GE 85C 100 uF 10V M	1	D0401010820 90S	
C205SR	ELECT GE 85C 100 uF 10V M	1	D0401010820 90S	
C206C	CERAMIC HIK AXIAL 0.001 uF 50V K	1	D0051021775 30S	
C206FL	CERAMIC HIK AXIAL 0.001 uF 50V K	1	D0051021775 30S	
C206FR	CERAMIC HIK AXIAL 0.001 uF 50V K	1	D0051021775 30S	
C206SBL	CERAMIC HIK AXIAL 0.001 uF 50V K	1	D0051021775 30S	
C206SBR	CERAMIC HIK AXIAL 0.001 uF 50V K	1	D0051021775 30S	
C206SL	CERAMIC HIK AXIAL 0.001 uF 50V K	1	D0051021775 30S	
C206SR	CERAMIC HIK AXIAL 0.001 uF 50V K	1	D0051021775 30S	
C207C	ELECT GE 85C 47 uF 50V M	1	D0404700870 70S	
C207FL	ELECT GE 85C 47 uF 50V M	1	D0404700870 70S	
C207FR	ELECT GE 85C 47 uF 50V M	1	D0404700870 70S	
C207SBL	ELECT GE 85C 47 uF 50V M	1	D0404700870 70S	
C207SBR	ELECT GE 85C 47 uF 50V M	1	D0404700870 70S	
C207SL	ELECT GE 85C 47 uF 50V M	1	D0404700870 70S	
C207SR	ELECT GE 85C 47 uF 50V M	1	D0404700870 70S	
C208C	ELECT GE 85C 10 uF 50V M	1	D0401000870 70S	
C208FL	ELECT GE 85C 10 uF 50V M	1	D0401000870 70S	
C208FR	ELECT GE 85C 10 uF 50V M	1	D0401000870 70S	
C208SBL	ELECT GE 85C 10 uF 50V M	1	D0401000870 70S	
C208SBR	ELECT GE 85C 10 uF 50V M	1	D0401000870 70S	
C208SL	ELECT GE 85C 10 uF 50V M	1	D0401000870 70S	
C208SR	ELECT GE 85C 10 uF 50V M	1	D0401000870 70S	
C209C	CERAMIC HIK DISC 100 pF 500V K	1	D00410106D050S	
C209FL	CERAMIC HIK DISC 100 pF 500V K	1	D00410106D050S	
C209FR	CERAMIC HIK DISC 100 pF 500V K	1	D00410106D050S	
C209SBL	CERAMIC HIK DISC 100 pF 500V K	1	D00410106D050S	
C209SBR	CERAMIC HIK DISC 100 pF 500V K	1	D00410106D050S	
C209SL	CERAMIC HIK DISC 100 pF 500V K	1	D00410106D050S	
C209SR	CERAMIC HIK DISC 100 pF 500V K	1	D00410106D050S	
C210C	CERAMIC HIK DISC 100 pF 500V K	1	D00410106D050S	
C210FL	CERAMIC HIK DISC 100 pF 500V K	1	D00410106D050S	
C210FR	CERAMIC HIK DISC 100 pF 500V K	1	D00410106D050S	
C210SBL	CERAMIC HIK DISC 100 pF 500V K	1	D00410106D050S	
C210SBR	CERAMIC HIK DISC 100 pF 500V K	1	D00410106D050S	

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
C210SL	CERAMIC HIK DISC 100 pF 500V K	1	D00410106D050S	
C210SR	CERAMIC HIK DISC 100 pF 500V K	1	D00410106D050S	
C211C	CERAMIC HIK AXIAL 0.022 uF 25V Z	1	D005223594520S	
C211FL	CERAMIC HIK AXIAL 0.022 uF 25V Z	1	D005223594520S	
C211FR	CERAMIC HIK AXIAL 0.022 uF 25V Z	1	D005223594520S	
C211SBL	CERAMIC HIK AXIAL 0.022 uF 25V Z	1	D005223594520S	
C211SBR	CERAMIC HIK AXIAL 0.022 uF 25V Z	1	D005223594520S	
C211SL	CERAMIC HIK AXIAL 0.022 uF 25V Z	1	D005223594520S	
C211SR	CERAMIC HIK AXIAL 0.022 uF 25V Z	1	D005223594520S	
C212	ELECT GE 85C 10 uF 100V M	1	D04010008C050S	
	DIODES			
D201C	1SS133T, SWITCHING	1	K0000133005205	
D201FL	1SS133T, SWITCHING	1	K0000133005205	
D201FR	1SS133T, SWITCHING	1	K0000133005205	
D201SBL	1SS133T, SWITCHING	1	K0000133005205	
D201SBR	1SS133T, SWITCHING	1	K0000133005205	
D201SL	1SS133T, SWITCHING	1	K0000133005205	
D201SR	1SS133T, SWITCHING	1	K0000133005205	
	COILS			
L201C	INDUCTOR, COIL 7T	1	D3309000013305	
L201FL	INDUCTOR, COIL 7T	1	D3309000013305	
L201FR	INDUCTOR, COIL 7T	1	D3309000013305	
L201SBL	INDUCTOR, COIL 7T	1	D3309000013305	
L201SBR	INDUCTOR, COIL 7T	1	D3309000013305	
L201SL	INDUCTOR, COIL 7T	1	D3309000013305	
L201SR	INDUCTOR, COIL 7T	1	D3309000013305	
	TRANSISTORS			
Q201C	KSA992F,PNP	1	J5000992F0050S	
Q201FL	KSA992F,PNP	1	J5000992F0050S	
Q201FR	KSA992F,PNP	1	J5000992F0050S	
Q201SBL	KSA992F,PNP	1	J5000992F0050S	
Q201SBR	KSA992F,PNP	1	J5000992F0050S	
Q201SL	KSA992F,PNP	1	J5000992F0050S	
Q201SR	KSA992F,PNP	1	J5000992F0050S	
Q202C	KSA992F,PNP	1	J5000992F0050S	
Q202FL	KSA992F,PNP	1	J5000992F0050S	
Q202FR	KSA992F,PNP	1	J5000992F0050S	
Q202SBL	KSA992F,PNP	1	J5000992F0050S	
Q202SBR	KSA992F,PNP	1	J5000992F0050S	
Q202SL	KSA992F,PNP	1	J5000992F0050S	
Q202SR	KSA992F,PNP	1	J5000992F0050S	
Q203C	KSC1845F, NPN	1	J5021845F0000S	
Q203FL	KSC1845F, NPN	1	J5021845F0000S	
Q203FR	KSC1845F, NPN	1	J5021845F0000S	
Q203SBL	KSC1845F, NPN	1	J5021845F0000S	
Q203SBR	KSC1845F, NPN	1	J5021845F0000S	
Q203SL	KSC1845F, NPN	1	J5021845F0000S	
Q203SR	KSC1845F, NPN	1	J5021845F0000S	
Q207C	KSC1845F, NPN	1	J5021845F0000S	
Q207FL	KSC1845F, NPN	1	J5021845F0000S	
Q207FR	KSC1845F, NPN	1	J5021845F0000S	
Q207SBL	KSC1845F, NPN	1	J5021845F0000S	
Q207SBR	KSC1845F, NPN	1	J5021845F0000S	
Q207SL	KSC1845F, NPN	1	J5021845F0000S	
Q207SR	KSC1845F, NPN	1	J5021845F0000S	
	RESISTORS			
R201C	CARBON FILM 220 ohm 1/5W J	1	C00002216P520S	
R201FL	CARBON FILM 220 ohm 1/5W J	1	C00002216P520S	
R201FR	CARBON FILM 220 ohm 1/5W J	1	C00002216P520S	
R201SBL	CARBON FILM 220 ohm 1/5W J	1	C00002216P520S	
R201SBR	CARBON FILM 220 ohm 1/5W J	1	C00002216P520S	
R201SL	CARBON FILM 220 ohm 1/5W J	1	C00002216P520S	
R201SR	CARBON FILM 220 ohm 1/5W J	1	C00002216P520S	
R203C	CARBON FILM 8.2 kohm 1/5W J	1	C00008226P520S	
R203FL	CARBON FILM 8.2 kohm 1/5W J	1	C00008226P520S	
R203FR	CARBON FILM 8.2 kohm 1/5W J	1	C00008226P520S	
R203SBL	CARBON FILM 8.2 kohm 1/5W J	1	C00008226P520S	
R203SBR	CARBON FILM 8.2 kohm 1/5W J	1	C00008226P520S	
R203SL	CARBON FILM 8.2 kohm 1/5W J	1	C00008226P520S	
R203SR	CARBON FILM 8.2 kohm 1/5W J	1	C00008226P520S	
R204C	CARBON FILM 33 kohm 1/5W J	1	C00003336P520S	
R204FL	CARBON FILM 33 kohm 1/5W J	1	C00003336P520S	
R204FR	CARBON FILM 33 kohm 1/5W J	1	C00003336P520S	
R204SBL	CARBON FILM 33 kohm 1/5W J	1	C00003336P520S	
R204SBR	CARBON FILM 33 kohm 1/5W J	1	C00003336P520S	
R204SL	CARBON FILM 33 kohm 1/5W J	1	C00003336P520S	
R204SR	CARBON FILM 33 kohm 1/5W J	1	C00003336P520S	
R205C	CARBON FILM 470 kohm 1/5W J	1	C00004746P520S	
R205FL	CARBON FILM 470 kohm 1/5W J	1	C00004746P520S	
R205FR	CARBON FILM 470 kohm 1/5W J	1	C00004746P520S	
R205SBL	CARBON FILM 470 kohm 1/5W J	1	C00004746P520S	
R205SBR	CARBON FILM 470 kohm 1/5W J	1	C00004746P520S	
R205SL	CARBON FILM 470 kohm 1/5W J	1	C00004746P520S	
R205SR	CARBON FILM 470 kohm 1/5W J	1	C00004746P520S	
R206C	CARBON FILM 33 kohm 1/5W J	1	C00003336P520S	
R206FL	CARBON FILM 33 kohm 1/5W J	1	C00003336P520S	
R206FR	CARBON FILM 33 kohm 1/5W J	1	C00003336P520S	
R206SBL	CARBON FILM 33 kohm 1/5W J	1	C00003336P520S	
R206SBR	CARBON FILM 33 kohm 1/5W J	1	C00003336P520S	
R206SL	CARBON FILM 33 kohm 1/5W J	1	C00003336P520S	
R206SR	CARBON FILM 33 kohm 1/5W J	1	C00003336P520S	
R207C	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R207FL	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R207FR	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R207SBL	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R207SBR	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R207SL	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R207SR	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R208C	CARBON FILM 47 kohm 1/5W J	1	C00004736P520S	
R208FL	CARBON FILM 47 kohm 1/5W J	1	C00004736P520S	
R208FR	CARBON FILM 47 kohm 1/5W J	1	C00004736P520S	
R208SBL	CARBON FILM 47 kohm 1/5W J	1	C00004736P520S	
R208SBR	CARBON FILM 47 kohm 1/5W J	1	C00004736P520S	
R208SL	CARBON FILM 47 kohm 1/5W J	1	C00004736P520S	
R208SR	CARBON FILM 47 kohm 1/5W J	1	C00004736P520S	
R209C	CARBON FILM 1.2 kohm 1/5W J	1	C00001226P520S	
R209FL	CARBON FILM 1.2 kohm 1/5W J	1	C00001226P520S	
R209FR	CARBON FILM 1.2 kohm 1/5W J	1	C00001226P520S	
R209SBL	CARBON FILM 1.2 kohm 1/5W J	1	C00001226P520S	
R209SBR	CARBON FILM 1.2 kohm 1/5W J	1	C00001226P520S	
R209SL	CARBON FILM 1.2 kohm 1/5W J	1	C00001226P520S	
R209SR	CARBON FILM 1.2 kohm 1/5W J	1	C00001226P520S	
R210C	CARBON FILM 470 ohm 1/5W J	1	C00004716P520S	
R210FL	CARBON FILM 470 ohm 1/5W J	1	C00004716P520S	
R210FR	CARBON FILM 470 ohm 1/5W J	1	C00004716P520S	
R210SBL	CARBON FILM 470 ohm 1/5W J	1	C00004716P520S	
R210SBR	CARBON FILM 470 ohm 1/5W J	1	C00004716P520S	
R210SL	CARBON FILM 470 ohm 1/5W J	1	C00004716P520S	
R210SR	CARBON FILM 470 ohm 1/5W J	1	C00004716P520S	
R211C	METAL FILM 100PPM 47 ohm 1/4W J	1	C060047063050S	
R211FL	METAL FILM 100PPM 47 ohm 1/4W J	1	C060047063050S	
R211FR	METAL FILM 100PPM 47 ohm 1/4W J	1	C060047063050S	
R211SBL	METAL FILM 100PPM 47 ohm 1/4W J	1	C060047063050S	
R211SBR	METAL FILM 100PPM 47 ohm 1/4W J	1	C060047063050S	
R211SL	METAL FILM 100PPM 47 ohm 1/4W J	1	C060047063050S	
R211SR	METAL FILM 100PPM 47 ohm 1/4W J	1	C060047063050S	
R212C	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R212FL	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R212FR	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R212SBL	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R212SBR	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R212SL	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R212SR	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R213C	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R213FL	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R213FR	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R213SBL	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R213SBR	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R213SL	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R213SR	CARBON FILM 1.5 kohm 1/5W J	1	C00001526P520S	
R214C	CARBON FILM 2.7 kohm 1/5W J	1	C00002726P520S	
R214FL	CARBON FILM 2.7 kohm 1/5W J	1	C00002726P520S	
R214FR	CARBON FILM 2.7 kohm 1/5W J	1	C00002726P520S	
R214SBL	CARBON FILM 2.7 kohm 1/5W J	1	C00002726P520S	
R214SBR	CARBON FILM 2.7 kohm 1/5W J	1	C00002726P520S	
R214SL	CARBON FILM 2.7 kohm 1/5W J	1	C00002726P520S	
R214SR	CARBON FILM 2.7 kohm 1/5W J	1	C00002726P520S	
R216C	METAL FILM 100PPM 5.6 kohm 1W J	1	C060056265050S	
R216FL	METAL FILM 100PPM 5.6 kohm 1W J	1	C060056265050S	
R216FR	METAL FILM 100PPM 5.6 kohm 1W J	1	C060056265050S	
R216SBL	METAL FILM 100PPM 5.6 kohm 1W J	1	C060056265050S	
R216SBR	METAL FILM 100PPM 5.6 kohm 1W J	1	C060056265050S	
R216SL	METAL FILM 100PPM 5.6 kohm 1W J	1	C060056265050S	
R216SR	METAL FILM 100PPM 5.6 kohm 1W J	1	C060056265050S	
R217C	METAL FILM 100PPM 5.6 kohm 1W J	1	C060056265050S	
R217FL	METAL FILM 100PPM 5.6 kohm 1W J	1	C060056265050S	
R217FR	METAL FILM 100PPM 5.6 kohm 1W J	1	C060056265050S	
R217SBL	METAL FILM 100PPM 5.6 kohm 1W J	1	C060056265050S	
R217SBR	METAL FILM 100PPM 5.6 kohm 1W J	1	C060056265050S	
R217SL	METAL FILM 100PPM 5.6 kohm 1W J	1	C060056265050S	
R217SR	METAL FILM 100PPM 5.6 kohm 1W J	1	C060056265050S	
R218C	METAL FILM 100PPM 4.7 ohm 1W J	1	C0604R7065050S	
R218FL	METAL FILM 100PPM 4.7 ohm 1W J	1	C0604R7065050S	
R218FR	METAL FILM 100PPM 4.7 ohm 1W J	1	C0604R7065050S	
R218SBL	METAL FILM 100PPM 4.7 ohm 1W J	1	C0604R7065050S	
R218SBR	METAL FILM 100PPM 4.7 ohm 1W J	1	C0604R7065050S	
R218SL	METAL FILM 100PPM 4.7 ohm 1W J	1	C0604R7065050S	
R218SR	METAL FILM 100PPM 4.7 ohm 1W J	1	C0604R7065050S	
R219C	METAL FILM 100PPM 4.7 ohm 1W J	1	C0604R7065050S	
R219FL	METAL FILM 100PPM 4.7 ohm 1W J	1	C0604R7065050S	
R219FR	METAL FILM 100PPM 4.7 ohm 1W J	1	C0604R7065050S	
R219SBL	METAL FILM 100PPM 4.7 ohm 1W J	1	C0604R7065050S	
R219SBR	METAL FILM 100PPM 4.7 ohm 1W J	1	C0604R7065050S	
R219SL	METAL FILM 100PPM 4.7 ohm 1W J	1	C0604R7065050S	
R219SR	METAL FILM 100PPM 4.7 ohm 1W J	1	C0604R7065050S	
R220C	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R220FL	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R220FR	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R220SBL	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R220SBR	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R220SL	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R220SR	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R221C	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R221FL	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R221FR	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R221SBL	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R221SBR	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R221SL	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R221SR	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R222C	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R222FL	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R222FR	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R222SBL	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R222SBR	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R222SL	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R222SR	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R223C	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R223FL	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R223FR	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R223SBL	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R223SBR	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R223SL	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R223SR	METAL FILM 100PPM 0.22 ohm 1W J	1	C060R22065050S	
R224C	CARBON FILM 9.1 kohm 1/5W J	1	C00009126P520S	
R224FL	CARBON FILM 9.1 kohm 1/5W J	1	C00009126P520S	
R224FR	CARBON FILM 9.1 kohm 1/5W J	1	C00009126P520S	
R224SBL	CARBON FILM 9.1 kohm 1/5W J	1	C00009126P520S	
R224SBR	CARBON FILM 9.1 kohm 1/5W J	1	C00009126P520S	
R224SL	CARBON FILM 9.1 kohm 1/5W J	1	C00009126P520S	
R224SR	CARBON FILM 9.1 kohm 1/5W J	1	C00009126P520S	
R225C	CARBON FILM 330 kohm 1/5W J	1	C00003346P520S	
R225FL	CARBON FILM 330 kohm 1/5W J	1	C00003346P520S	
R225FR	CARBON FILM 330 kohm 1/5W J	1	C00003346P520S	
R225SBL	CARBON FILM 330 kohm 1/5W J	1	C00003346P520S	
R225SBR	CARBON FILM 330 kohm 1/5W J	1	C00003346P520S	
R225SL	CARBON FILM 330 kohm 1/5W J	1	C00003346P520S	
R225SR	CARBON FILM 330 kohm 1/5W J	1	C00003346P520S	
R226C	CARBON FILM 100 kohm 1/5W J	1	C00001046P520S	
R226FL	CARBON FILM 100 kohm 1/5W J	1	C00001046P520S	
R226FR	CARBON FILM 100 kohm 1/5W J	1	C00001046P520S	
R226SBL	CARBON FILM 100 kohm 1/5W J	1	C00001046P520S	
R226SBR	CARBON FILM 100 kohm 1/5W J	1	C00001046P520S	

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
R226SL	CARBON FILM 100 kohm 1/5W J	1	C00001046P520S	
R226SR	CARBON FILM 100 kohm 1/5W J	1	C00001046P520S	
R227C	CARBON FILM 2.2 kohm 1/5W J	1	C00002226P520S	
R227FL	CARBON FILM 2.2 kohm 1/5W J	1	C00002226P520S	
R227FR	CARBON FILM 2.2 kohm 1/5W J	1	C00002226P520S	
R227SBL	CARBON FILM 2.2 kohm 1/5W J	1	C00002226P520S	
R227SBR	CARBON FILM 2.2 kohm 1/5W J	1	C00002226P520S	
R227SL	CARBON FILM 2.2 kohm 1/5W J	1	C00002226P520S	
R227SR	CARBON FILM 2.2 kohm 1/5W J	1	C00002226P520S	
R228C	METAL FILM 100PPM 10 ohm 1W	1	C060010065520S	
R228FL	METAL FILM 100PPM 10 ohm 1W	1	C060010065520S	
R228FR	METAL FILM 100PPM 10 ohm 1W	1	C060010065520S	
R228SBL	METAL FILM 100PPM 10 ohm 1W	1	C060010065520S	
R228SBR	METAL FILM 100PPM 10 ohm 1W	1	C060010065520S	
R228SL	METAL FILM 100PPM 10 ohm 1W	1	C060010065520S	
R228SR	METAL FILM 100PPM 10 ohm 1W	1	C060010065520S	
R229	METAL FILM 100PPM 10 ohm 1W J	1	C060010065050S	
	MISCELLANEOUS			
CN2	CN,WIRE 100 (15P)	1	L0001011500905	
CP1	CN.WAFER 2.0MM (14P)	1	L1012201400005	
J200/J201	CN,WIRE 1P	2	L0458406006405	
J203	CN,WIRE 1P	1	L0458406006405	
J205-J210	CN,WIRE 1P	6	L0458406006405	
J212-J217	CN,WIRE 1P	6	L0458406006405	
J219-J222	CN,WIRE 1P	4	L0458406006405	
J224	CN,WIRE 1P	1	L0458406006405	
J226/J227	CN,WIRE 1P	2	L0458406006405	
J229-J235	CN,WIRE 1P	7	L0458406006405	
J238-J262	CN,WIRE 1P	25	L0458406006405	
J265-J269	CN,WIRE 1P	5	L0458406006405	
J271-J346	CN,WIRE 1P	75	L0458406006405	
PCB5	**ASSEMBLY P.C.BOARD VIDEO**		**7025HK0601013**	**A**
PCB5	**ASSEMBLY P.C.BOARD VIDEO**		**7025HK0601023**	**G**
PCB5	**ASSEMBLY P.C.BOARD VIDEO**		**7025HK0601033**	**K**
PCB5	**ASSEMBLY P.C.BOARD VIDEO**		**7025HK0601053**	**E**
	COILS			
BD201-BD218	BEAD,COIL SMD1608 TYPE	18	D3401608000605	
L201/L202	INDUCTOR, COIL 33UH	2	D3303307005205	
	CAPACITORS			
C201	ELECT GE 85C 470 uF 6.3V M	1	D0404710810705	
C202	ELECT GE 85C 10 uF 50V M	1	D0401000870705	
C203	ELECT GE 85C 470 uF 6.3V M	1	D0404710810705	
C204/C205	ELECT GE 85C 10 uF 50V M	2	D0401000870705	
C206	ELECT GE 85C 4.7 uF 50V M	1	D0404R7087250S	
C207	ELECT GE 85C 1 uF 50V M	1	D0400100871505	
C208-C211	ELECT GE 85C 10 uF 50V M	4	D0401000870705	
C212/C213	ELECT GE 85C 220 uF 50V M	2	D0402210820905	
C214/C215	ELECT GE 85C 47 uF 16V M	2	D0404708308005	
C216	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D0111045971605	
C217	ELECT GE 85C 470 uF 10V M	1	D0404710820605	
C218	ELECT GE 85C 10 uF 50V M	1	D0401000870705	
C219	ELECT GE 85C 4.7 uF 50V M	1	D0404R7087250S	
C220	ELECT GE 85C 1 uF 50V M	1	D0400100871505	
C221/C222	ELECT GE 85C 0.1 uF 50V M	2	D0400R1087050S	
C223	CERAMIC CHIP HIK 1000 pF 50V K	1	D0111027771605	
C224	ELECT GE 85C 10 uF 50V M	1	D0401000870705	
C225	ELECT GE 85C 22 uF 25V M	1	D0402200840505	
C226	ELECT GE 85C 100 uF 10V M	1	D0401010820905	
C230	ELECT GE 85C 470 uF 6.3V M	1	D0404710810705	
C231-C238	ELECT GE 85C 10 uF 50V M	8	D0401000870705	
C239	ELECT GE 85C 10 uF 50V M	1	D0401000870705	A/K
C240	ELECT GE 85C 1 uF 50V M	1	D0400100871505	
C241	ELECT GE 85C 10 uF 50V M	1	D0401000870705	A/K
C242	CERAMIC CHIP HIK 0.047 uF 50V Z	1	D0114735971605	
C243	CERAMIC CHIP HIK 0.01 uF 50V Z	1	D0111035971605	
C244	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D0111045971605	
C245	CERAMIC CHIP HIK 0.22 uF 16V Z	1	D0112245931605	
C246	ELECT GE 85C 100 uF 10V M	1	D0401010820905	
C247/C248	CERAMIC CHIP HIK 0.01 uF 50V Z	2	D0111035971605	
C249	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D0111045971605	
C250	ELECT GE 85C 100 uF 10V M	1	D0401010820905	
C251	CERAMIC CHIP HIK 0.01 uF 50V Z	1	D0111035971605	
C252	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D0111045971605	

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
C253	ELECT GE 85C 1 uF 50V M	1	D0400100871505	
C254	FILM POLYESTER 1 uF 63V J	1	D0201000680505	
C255	ELECT GE 85C 47 uF 16V M	1	D0404708308005	
C256	ELECT GE 85C 100 uF 10V M	1	D0401010820905	
C257	CERAMIC CHIP HIK 0.047 uF 50V Z	1	D0114735971605	
C258	ELECT GE 85C 100 uF 10V M	1	D0401010820905	
C259	CERAMIC CHIP HIK 0.01 uF 50V Z	1	D0111035971605	
C260	ELECT GE 85C 100 uF 10V M	1	D0401010820905	
C261	CERAMIC CHIP HIK 0.01 uF 50V Z	1	D0111035971605	
C262/C263	CERAMIC CHIP HIK 0.1 uF 50V Z	2	D0111045971605	
C262CM	ELECT GE 85C 100 uF 10V M	1	D0401010820905	
C262SCM	ELECT GE 85C 100 uF 10V M	1	D0401010820905	
C262SY	ELECT GE 85C 100 uF 10V M	1	D0401010820905	
C263CV	ELECT GE 85C 100 uF 10V M	1	D0401010820905	
C263SC	ELECT GE 85C 100 uF 10V M	1	D0401010820905	
C263SYM	ELECT GE 85C 100 uF 10V M	1	D0401010820905	
C264/C265	CERAMIC CHIP HIK 0.01 uF 50V Z	2	D0111035971605	
C266	ELECT GE 85C 100 uF 10V M	1	D0401010820905	
C267/C268	CERAMIC CHIP HIK 0.01 uF 50V Z	2	D0111035971605	
C269	ELECT GE 85C 10 uF 50V M	1	D0401000870705	A/K
C270-C275	CERAMIC CHIP HIK 0.1 uF 50V Z	6	D0111045971605	
C276	FILM POLYESTER 0.1 uF 100V J	1	D0201040606005	
C277	CERAMIC CHIP HIK 0.01 uF 50V Z	1	D0111035971605	
C278	CERAMIC T.C DISC 15 pF 50V J	1	D0001501670705	
C279	ELECT GE 85C 0.22 uF 50V M	1	D040R2208707 0S	
C280	FILM POLYESTER 0.002 uF 100V J	1	D0202220606005	
C281	FILM POLYESTER 0.01 uF 100V J	1	D0201030606005	
C282	ELECT GE 85C 2.2 uF 50V M	1	D0402R2087160S	
C283	FILM POLYESTER 0.1 uF 100V J	1	D0201040606005	
C284	ELECT GE 85C 2.2 uF 50V M	1	D0402R2087160S	
C285	FILM POLYESTER 0.022 uF 100V J	1	D0202230606005	
C286	ELECT GE 85C 100 uF 16V M	1	D0401010830705	
C287	CERAMIC CHIP HIK 0.01 uF 50V Z	1	D0111035971605	
C288	ELECT GE 85C 10 uF 50V M	1	D0401000870705	
C289-C291	ELECT GE 85C 100 uF 10V M	3	D0401010820905	
C292/C293	ELECT GE 85C 10 uF 50V M	2	D0401000870705	
C294/C295	CERAMIC CHIP HIK 0.01 uF 50V Z	2	D0111035971605	
C296-C299	ELECT GE 85C 100 uF 10V M	4	D0401010820905	
C300/C301	CERAMIC CHIP HIK 0.01 uF 50V Z	2	D0111035971605	
C302	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D0111045971605	
C304/C305	CERAMIC CHIP T.C 8 pF 50V D	2	D0100801171605	
C312/C313	CERAMIC CHIP T.C 100 pF 50V J	2	D0101011671605	
C314	CERAMIC CHIP HIK 0.01 uF 50V Z	1	D0111035971605	
C315-C317	CERAMIC CHIP HIK 0.1 uF 50V Z	3	D0111045971605	
C318/C319	ELECT GE 85C 100 uF 10V M	2	D0401010820905	
C320	ELECT GE 85C 100 uF 10V M	1	D0401010820505	
C321	CERAMIC CHIP HIK 0.1 uF 50V Z	1	D0111045971605	
C322	ELECT GE 85C 100 uF 10V M	1	D0401010820505	
C323	CERAMIC CHIP HIK 0.01 uF 50V Z	1	D0111035971605	
	DIODES			
D201-D215	1N4148W, SWITCHING CHIP	15	K0050414800205	
	INTEGRATED CIRCUITS			
IC201	NJM2586AM, MONITOR SW	1	J1712586000105	
IC203	KIA7805API, LINEAR-REGULATOR	1	J1267805001105	
IC204	KIA78R09API, LINEAR-REGULATOR	1	J1267809001205	
IC205	KIA7905F, LINEAR-REGULATOR	1	J1267905001305	
IC208	LA76604M, MONITOR	1	J1707660400105	
IC209	NJM2274, ANALOG	1	J0802274000105	
IC210	TA1270BF, MONITOR	1	J1701270000105	
IC211	BU4053BCFV, LOGIC	1	J0404053001605	
IC212	TK15420MTL, LINEAR-DRIVER	1	J1271542000105	
IC213	BU4053BCFV, LOGIC	1	J0404053001605	
IC214/IC215	TK15420MTL, LINEAR-DRIVER	2	J1271542000105	
IC216	BU2090F, LOGIC-DECODER	1	J0442090000105	
IC217/IC218	MM74HC4052, LOGIC	2	J0407440520405	
IC219	PCA9515APWR, LOGIC	1	J0409515000205	
IC220	LM1117S, LINEAR-REGULATOR	1	J1261117330305	
	TRANSISTORS			
Q201	KTC2875B(MB), NPN	1	J5222875B0010S	
Q202	KTC2875B(MB), NPN	1	J5222875B0010S	
Q203	2SA933S, PNP	1	J5000933S0050S	
Q204	KRC105S(NE), NPN	1	J5220105002105	
Q205	2SA933S, PNP	1	J5000933S0050S	
Q206	KRA106S(PF), PNP	1	J5200106002105	

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
Q207/Q208	2SC3199Y, NPN	2	J5023199Y0050S	
Q209	KRC106S(NF), NPN	1	J5220106002105	
Q211/Q212	2SC3199Y, NPN	2	J5023199Y0050S	
Q213	KRC106S(NF), NPN	1	J5220106002105	
Q215	KTC2875B(MB), NPN	1	J5222875B0010S	
Q216	KRC105S(NE), NPN	1	J5220105002105	
Q217/Q218	2SC3199Y, NPN	2	J5023199Y0050S	
Q219	KRC106S(NF), NPN	1	J5220106002105	
Q220	2SC3199Y, NPN	1	J5023199Y0050S	
Q221	2SA933S, PNP	1	J5000933S0050S	
Q222	KRA106S(PF), PNP	1	J5200106002105	
Q223	2SA933S, PNP	1	J5000933S0050S	
Q224	KRC102S(NB), NPN	1	J5220102002105	
Q225	KRC106S(NF), NPN	1	J5220106002105	
Q226	KTC2875B(MB), NPN	1	J5222875B0010S	
Q227	KRC105S(NE), NPN	1	J5220105002105	
Q228/Q229	KTC2875B(MB), NPN	2	J5222875B0010S	
Q230/Q231	KTA1504S, PNP	2	J5200154001505	
Q232-Q237	2SA933S, PNP	6	J5000933S0050S	
Q238	2SC3199Y, NPN	1	J5023199Y0050S	
Q240/Q241	2SC3199Y, NPN	2	J5023199Y0050S	
	RESISTORS			
R201/R202	CHIP THICK 75 ohm 1/16W J	2	C20007506M160S	
R203/R204	CHIP THICK 10 kohm 1/16W J	2	C20001036M160S	
R205/R206	CHIP THICK 200 ohm 1/16W J	2	C20002016M160S	
R207/R208	CHIP THICK 1 kohm 1/16W J	2	C20001026M160S	
R209	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R210	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R211/R212	CHIP THICK 75 ohm 1/16W J	2	C20007506M160S	
R213/R214	CHIP THICK 10 kohm 1/16W J	2	C20001036M160S	
R215	CHIP THICK 10 ohm 1/16W J	1	C20001006M160S	
R216	CHIP THICK 220 kohm 1/16W J	1	C20002246M160S	
R217	CHIP THICK 220 ohm 1/16W J	1	C20002216M160S	
R218	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R219/R220	CHIP THICK 75 ohm 1/16W J	2	C20007506M160S	
R221	CHIP THICK 510 ohm 1/16W J	1	C20005116M160S	
R222	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	
R223	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R224	CHIP THICK 390 ohm 1/16W J	1	C20003916M160S	
R225/R226	CHIP THICK 75 ohm 1/16W J	2	C20007506M160S	
R227	CHIP THICK 510 ohm 1/16W J	1	C20005116M160S	
R228	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	
R229	CHIP THICK 390 ohm 1/16W J	1	C20003916M160S	
R230	CHIP THICK 56 ohm 1/16W J	1	C20005606M160S	
R231	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R232	CHIP THICK 75 ohm 1/16W J	1	C20007506M160S	
R233	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R234/R235	CHIP THICK 1 kohm 1/16W J	2	C20001026M160S	
R236-R238	CHIP THICK 75 ohm 1/16W J	3	C20007506M160S	
R239	CHIP THICK 510 ohm 1/16W J	1	C20005116M160S	
R240	CHIP THICK 390 ohm 1/16W J	1	C20003916M160S	
R241	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	
R242	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R243	CHIP THICK 10 ohm 1/16W J	1	C20001006M160S	
R244	CHIP THICK 220 kohm 1/16W J	1	C20002246M160S	
R245	CHIP THICK 220 ohm 1/16W J	1	C20002216M160S	
R246	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R247	CHIP THICK 150 kohm 1/16W J	1	C20001546M160S	
R248	CHIP THICK 24 kohm 1/16W J	1	C20002436M160S	
R249	CHIP THICK 150 kohm 1/16W J	1	C20001546M160S	
R250	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	
R250C	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R250Y	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R251/R252	CHIP THICK 75 ohm 1/16W J	2	C20007506M160S	
R251C	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R251Y	CHIP THICK 560 ohm 1/16W J	1	C20005616M160S	
R253-R255	CHIP THICK 5.1 kohm 1/16W J	3	C20005126M160S	
R256	CHIP THICK 24 kohm 1/16W J	1	C20002436M160S	
R257	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R258/R259	CHIP THICK 200 ohm 1/16W J	2	C20002016M160S	
R260	CHIP THICK 150 kohm 1/16W J	1	C20001546M160S	
R261	CHIP THICK 18 kohm 1/16W J	1	C20001836M160S	
R262	CHIP THICK 200 ohm 1/16W J	1	C20002016M160S	
R263	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
R264	CHIP THICK 200 ohm 1/16W J	1	C20002016M160S	
R265	CHIP THICK 75 ohm 1/16W J	1	C20007506M160S	
R266	CHIP THICK 82 kohm 1/16W J	1	C20008236M160S	
R267-R269	CHIP THICK 220 kohm 1/16W J	3	C20002246M160S	
R270/R271	CHIP THICK 75 ohm 1/16W J	2	C20007506M160S	
R270CM	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R270CV	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R270SC	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R270SCM	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R270SY	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R270SYM	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R271CM	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R271CV	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R271SC	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R271SCM	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R271SY	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R271SYM	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R272	CHIP THICK 4.7 kohm 1/16W J	1	C20004726M160S	
R272CM	CHIP THICK 510 ohm 1/16W J	1	C20005116M160S	
R272CV	CHIP THICK 510 ohm 1/16W J	1	C20005116M160S	
R272SC	CHIP THICK 510 ohm 1/16W J	1	C20005116M160S	
R272SCM	CHIP THICK 510 ohm 1/16W J	1	C20005116M160S	
R272SY	CHIP THICK 510 ohm 1/16W J	1	C20005116M160S	
R272SYM	CHIP THICK 510 ohm 1/16W J	1	C20005116M160S	
R273	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R273CM	CHIP THICK 620 ohm 1/16W J	1	C20006216M160S	
R273CV	CHIP THICK 620 ohm 1/16W J	1	C20006216M160S	
R273SC	CHIP THICK 620 ohm 1/16W J	1	C20006216M160S	
R273SCM	CHIP THICK 620 ohm 1/16W J	1	C20006216M160S	
R273SY	CHIP THICK 620 ohm 1/16W J	1	C20006216M160S	
R273SYM	CHIP THICK 620 ohm 1/16W J	1	C20006216M160S	
R274	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	
R274CM	CHIP THICK 10 ohm 1/16W J	1	C20001006M160S	
R274CV	CHIP THICK 10 ohm 1/16W J	1	C20001006M160S	
R274SC	CHIP THICK 10 ohm 1/16W J	1	C20001006M160S	
R274SCM	CHIP THICK 10 ohm 1/16W J	1	C20001006M160S	
R274SY	CHIP THICK 10 ohm 1/16W J	1	C20001006M160S	
R274SYM	CHIP THICK 10 ohm 1/16W J	1	C20001006M160S	
R275-R277	CHIP THICK 75 ohm 1/16W J	3	C20007506M160S	
R278	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R279	CHIP THICK 4.7 kohm 1/16W J	1	C20004726M160S	
R280	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R281	CHIP THICK 8.2 kohm 1/16W J	1	C20008226M160S	
R282	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	
R283	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R284	CHIP THICK 220 ohm 1/16W J	1	C20002216M160S	
R285	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R286/R287	CHIP THICK 4.7 kohm 1/16W J	2	C20004726M160S	
R288	CHIP THICK 1.2 kohm 1/16W J	1	C20001226M160S	
R289-R291	CHIP THICK 100 ohm 1/16W J	3	C20001016M160S	
R292-R294	CHIP THICK 1 kohm 1/16W J	3	C20001026M160S	
R294C	CHIP THICK 75 ohm 1/16W J	1	C20007506M160S	
R294Y	CHIP THICK 75 ohm 1/16W J	1	C20007506M160S	
R295	CHIP THICK 200 ohm 1/16W J	1	C20002016M160S	
R296	CHIP THICK 47 ohm 1/16W J	1	C20004706M160S	
R297	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R298-R300	CHIP THICK 200 ohm 1/16W J	3	C20002016M160S	
R301/R302	CHIP THICK 5.1 kohm 1/16W J	2	C20005126M160S	
R303	CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	
R305/R306	CHIP THICK 100 ohm 1/16W J	2	C20001016M160S	
R309	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R310	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R311	CHIP THICK 2.7 kohm 1/16W J	1	C20002726M160S	
R312/R313	CHIP THICK 2.2 kohm 1/16W J	2	C20002226M160S	
R314	CHIP THICK 6.8 kohm 1/16W J	1	C20006826M160S	
R315	CHIP THICK 5.1 kohm 1/16W J	1	C20005126M160S	
R316	CHIP THICK 30 kohm 1/16W J	1	C20003036M160S	
R317	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R318	CHIP THICK 3 kohm 1/16W J	1	C20003026M160S	
R319	CHIP THICK 360 ohm 1/16W J	1	C20003616M160S	
R320	CHIP THICK 5.1 kohm 1/16W J	1	C20005126M160S	
R321	CHIP THICK 8.2 kohm 1/16W J	1	C20008226M160S	
R322	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R323	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
R324-R335	CHIP THICK 10 kohm 1/16W J	12	C20001036M160S	
R336	CHIP THICK 1.2 kohm 1/16W J	1	C20001226M160S	
R337	CHIP THICK 200 ohm 1/16W J	1	C20002016M160S	
R338	CHIP THICK 1.2 kohm 1/16W J	1	C20001226M160S	
R339	CHIP THICK 200 ohm 1/16W J	1	C20002016M160S	
R340	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
	MISCELLANEOUS			
CP201	CN.WAFER 2.0MM (12P)	1	L1011000312l0S	
CP203	CN.WAFER 2.0MM (12P)	1	L1011000312l0S	
JACK201	TER,RCA	1	G608832V1020MS	
JACK202	TER,RCA	1	G608832V1030MS	
JACK203	TER,RCA 4PIN	1	G602405BE260YS	
XTAL201	CRYSTAL, 3.579545MHz	1	E800357954560S	
XTAL202	CRYSTAL, CSB503F30	1	E800503000020S	
	HEAT SINK	1	2120000818020S	
	SCREW, +2S 3*8 B-TYPE ZNW/BH	1	B020030081B10S	
PCB6	**ASSEMBLY P.C.BOARD HDMI**		**7025HK0601014**	**A**
PCB6	**ASSEMBLY P.C.BOARD HDMI**		**7025HK0601024**	**G**
PCB6	**ASSEMBLY P.C.BOARD HDMI**		**7025HK0601034**	**K**
PCB6	**ASSEMBLY P.C.BOARD HDMI**		**7025HK0601054**	**E**
C800-C809	CERAMIC CHIP HIK 0.01 uF 50V K	10	D011103777160S	
C811	ELECT GE 85C 10 uF 50V M	1	D040100087070S	
C812/C813	CERAMIC CHIP HIK 0.01 uF 50V K	2	D011103777160S	
C814	CERAMIC CHIP HIK 0.022 uF 50V Z	1	D011223597160S	
C815	ELECT GE 85C 100 uF 10V M	1	D040101082090S	
C816	CERAMIC CHIP HIK 1000 pF 50V K	1	D011102777160S	
C817	ELECT GE 85C 47 uF 16V M	1	D040470083080S	
C819	CERAMIC CHIP HIK 0.01 uF 50V K	1	D011103777160S	
C820-C823	CERAMIC CHIP HIK 0.1 uF 50V Z	4	D011104597160S	
C826	CERAMIC CHIP HIK 0.01 uF 50V K	1	D011103777160S	
C828	ELECT GE 85C 1 uF 50V M	1	D040010087150S	
C829/C830	CERAMIC CHIP HIK 0.1 uF 50V Z	2	D011104597160S	
C833/C834	CERAMIC CHIP T.C 100 pF 50V J	2	D010101167160S	
CP807	CN.FPC 1.25MM (7P)	1	L131007000010S	
DZ801	5.1V, ZENER CHIP	1	K06605R14P400S	
IC800	TMDS341PFC, LOGIC-INTERFACE	1	J0463410000l0S	
IC801	LM1117S, LINEAR-REGULATOR	1	J126111733030S	
IC804	LTC1694, LOGIC	1	J0401694000l0S	
JACK801	CN.WAFER (19P)	1	L1091001900l0S	
JACK802	CN.WAFER (19P)	1	L1091001900l0S	
JACK804	CN.WAFER (19P)	1	L1091001900l0S	
L800	BEAD,COIL BFS 3550R2F	1	7610035500030S	
L801/L802	BEAD,COIL SMD1608 TYPE	2	D340160800060S	
Q812	KRC107S(NH), NPN	1	J522107S00210S	
Q813-Q816	2N7002, FET	4	J5492700000l0S	
R809	CHIP THICK 0 ohm 1/16W J	1	C20000006M160S	
R810	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R811	CHIP THICK 0 ohm 1/16W J	1	C20000006M160S	
R815-R818	CHIP THICK 2.4 kohm 1/16W J	4	C20002426M160S	
R822	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R825	CHIP THICK 0 ohm 1/16W J	1	C20000006M160S	
R826	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R832	CHIP THICK 4.7 kohm 1/16W J	1	C20004726M160S	
R833/R834	CHIP THICK 1 kohm 1/16W J	2	C20001026M160S	
R835	CHIP THICK 20 kohm 1/16W J	1	C20002036M160S	
R836	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R837	CHIP THICK 20 kohm 1/16W J	1	C20002036M160S	
R847	CHIP THICK 0 ohm 1/16W J	1	C20000006M160S	
R848-R851	CHIP THICK 47 kohm 1/16W J	4	C20004736M160S	
R852	CHIP THICK 2 kohm 1/16W J	1	C20002026M160S	
R856	CHIP THICK 2 kohm 1/16W J	1	C20002026M160S	
	SHIELD		3070045526010S	
PCB7	**ASSEMBLY P.C.BOARD ST-BY**		**7025HK0601016**	**A**
PCB7	**ASSEMBLY P.C.BOARD ST-BY**		**7025HK0601026**	**G**
PCB7	**ASSEMBLY P.C.BOARD ST-BY**		**7025HK0601036**	**K**
PCB7	**ASSEMBLY P.C.BOARD ST-BY**		**7025HK0601056**	**E**
C300	ELECT GE 85C 10 uF 50V M	1	D040100087070S	
C301	ELECT GE 85C 2200 uF 16V M	1	D040222083080S	
C302	ELECT GE 85C 1 uF 50V M	1	D040010087150S	
C304	CERAMIC AC(SAFETY) 0.005 uF 50VAC	1	D00847208H010S	
C315	ELECT GE 85C 1 uF 50V M	1	D040010087150S	
CN301	CN.FPC 1.25MM (7P)	1	L131007000010S	
CP304	CN.WAFER 7.92MM	1	L1083532802705	

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
CP305	CN.WAFER 7.92MM	1	L108353280260S	
CP306	CN.WAFER 7.92MM	1	L108202000220S	
D302-D304	1N4148W, SWITCHING CHIP	3	K005041480020S	
D305-D308	1N4007, SWITCHING	4	K000400700010S	
F300/F301	FUSE, T6.3A /250V	2	N751226301110S	A
F300/F301	FUSE, T4A /250V	2	N751224001110S	G
F300A	FUSE, CLIP	1	G645000050010S	A/G
F300B	FUSE, CLIP	1	G645000050010S	A/G
F301	FUSE, T4A/250V	1	N751224001110S	E/K
F301A	FUSE, CLIP	1	G645000050010S	
F301B	FUSE, CLIP	1	G645000050010S	
GT301	TERMINAL	1	3790040886000S	
IC300	LM1117S, LINEAR-REGULATOR	1	J126111733030S	
J301-J303	CN,WIRE 1P	3	L045084006040S	
J304	CHIP THICK 0 ohm 1/8W J	1	C200000061300S	
J305	CN,WIRE 1P	1	L045084006040S	A
JACK301	SOCKET,POWER AC OUTLET	1	G4350400700005	A/G
PT301	POWER TRANS, ST-BY 120V/60Hz	1	8200280150280S	A
PT301	POWER TRANS, ST-BY 230V/50Hz	1	8200280150290S	E/G
PT301	POWER TRANS, ST-BY 220V/50,60Hz	1	8200280150300S	K
Q300/Q301	KTC3875S, NPN	2	J522038750210S	
Q302	KRC107S(NH), NPN	1	J522107S00210S	A
R300	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R301	CHIP THICK 20 kohm 1/16W J	1	C20002036M160S	
R302	CHIP THICK 3.3 kohm 1/16W J	1	C20003326M160S	
R303	CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	
R304	METAL FILM 100PPM 10 ohm 1/4W J	1	C060010063050S	
R305	METAL FILM 100PPM 2.2 Mohm 0.5W	1	C060022564520S	A
R333	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	
RLY301	RELAY, DC6V 5A	1	G680060502010S	
ZD301	MTZJ3.0B, ZENER	1	K06003R044520S	
ZD302	0.2W 10V, ZENER CHIP	1	K06610R04P400S	A

▶ MAIN PCB ASS'Y (PCB1) INCLUDES THE FOLLOWING BOARDS.

① **THE ASS'Y PCB GUIDE (PCB1-1).**
② **THE ASS'Y PCB GUIDE-L (PCB1-2).**
③ **THE ASS'Y PCB GUIDE-R (PCB1-3).**

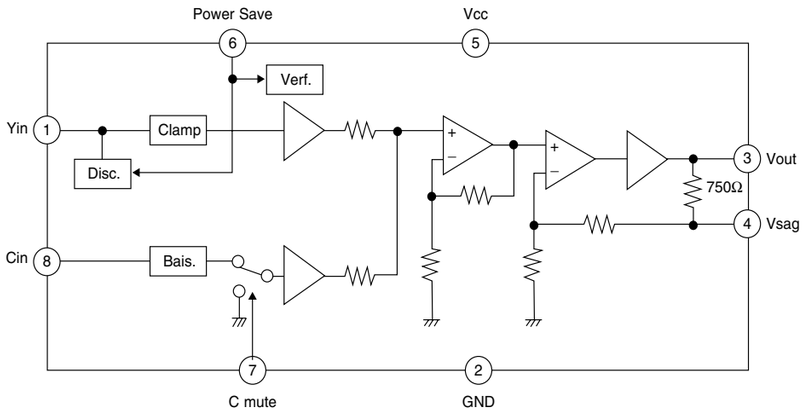
▶ FRONT PCB ASS'Y (PCB2) INCLUDES THE FOLLOWING BOARDS.

① **THE ASS'Y PCB MULTI JOG (PCB2-1).**
② **THE ASS'Y PCB MIC SETUP (PCB2-2).**
③ **THE ASS'Y PCB HEAD PHONE (PCB2-3).**
④ **THE ASS'Y PCB POWER S/W (PCB2-4).**

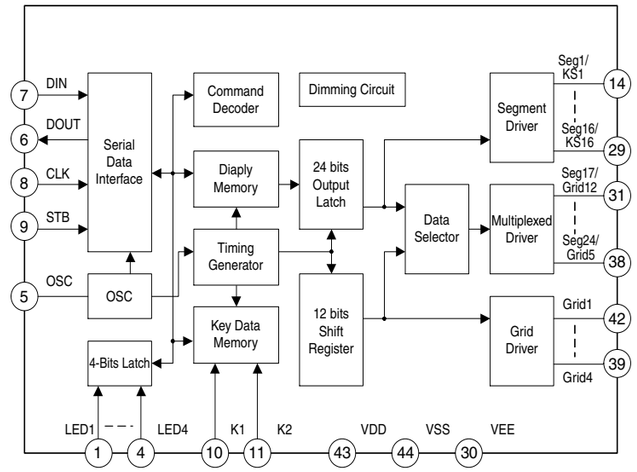
IC'S FUNCTIONAL BLOCK DIAGRAMS

Model No. : RD-7502

NJM2274 : IC209

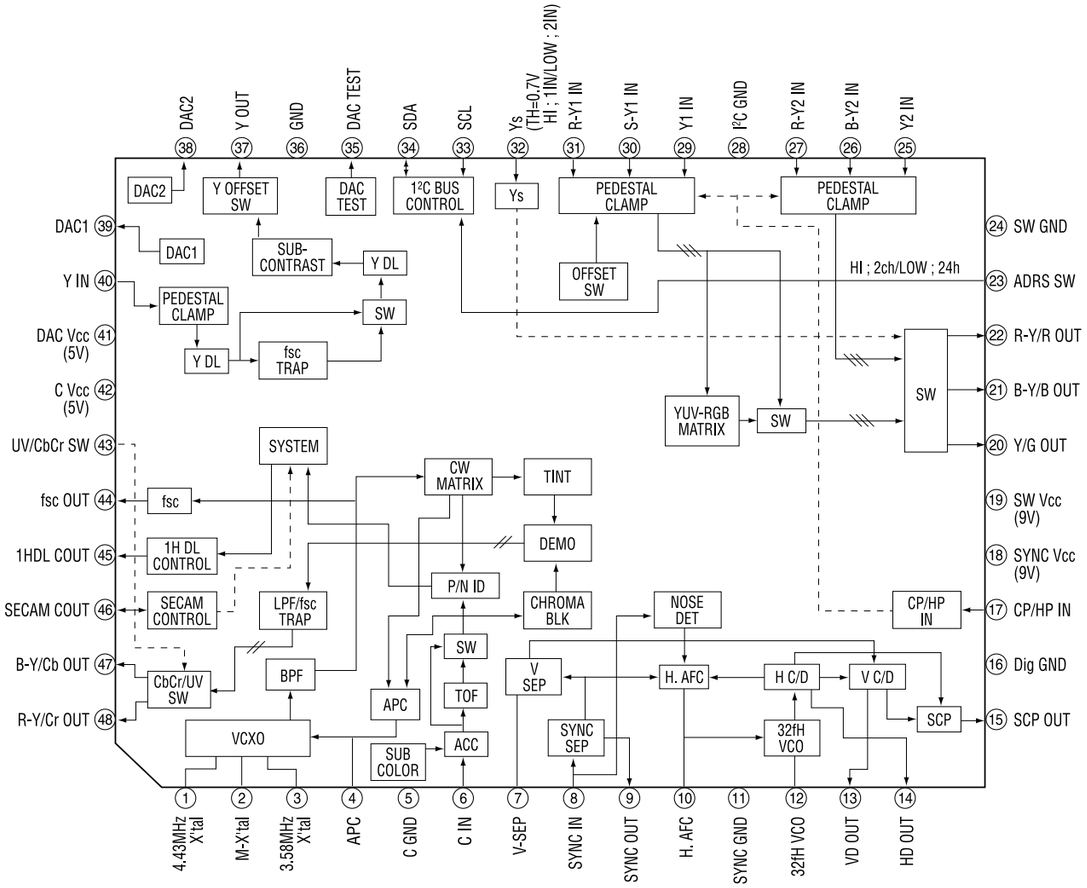


SC16315 : IC701

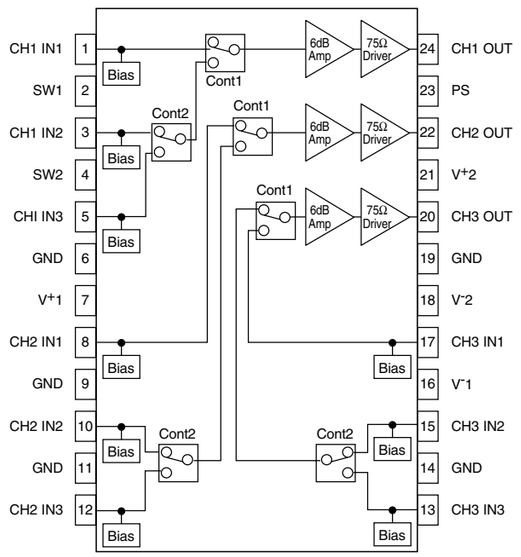


Pin No.	Pin Name	Description
7	DIN	Data input pin. Input serial data at rising edge of shift clock, starting from the low order bit.
6	DOUT	Data output pin. Output serial data at the falling edge of the shift clock, starting from low order bit. This is N-ch open-drain output pin.
9	STB	Strobe pin. Initializes serial interface at the rising or falling edge of the SC16315. It then waits for reception of a command. Data input after STB has fallen is processed as a command. While command data is processed, current processing is stopped, and the serial interface is initialized. While STB is high, CLK is ignored.
8	CLK	Clock input pin. Reads serial data at the rising edge, and outputs data at the falling edge.
5	OSC	Oscillator pin. Determine the oscillation frequency by the resistor connecting this pin and GND (Vss).
14 ~ 29	Seg1/KS1 to Seg16/KS16	High-voltage output (segment). Segment output pins (Dual function as key source).
39~42	Grid1 to Grid4	High-voltage output (grid). Grid output pins.
31~38	Seg17/Grid12 to Seg24/Grid5	High-voltage output (segment/grid). Segment or grid driving.
1 ~4	LED1 to LED4	LED output pin. CMOS output. +20mA max.
10 ~ 11	KEY1 to KEY2	Key data input. Data input to these pins is latched at the end of the display cycle.
13, 43	VDD	Logic power pin. 5V±10%
12, 44	VSS	Logic ground. Connect this pin to system GND.
30	VEE	Pull-down level. VDD-35V max.

TA1270BF : IC210

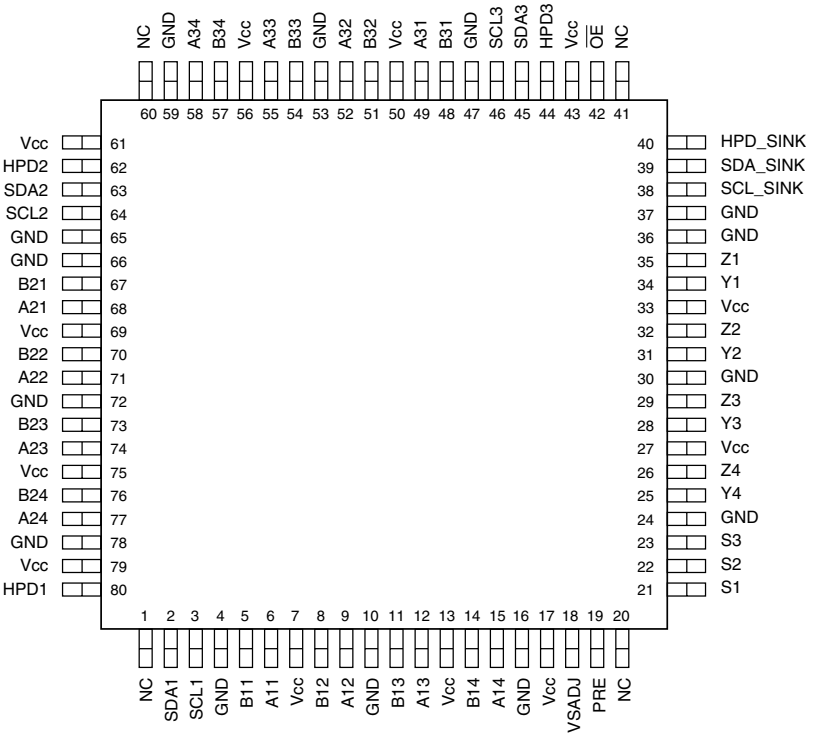


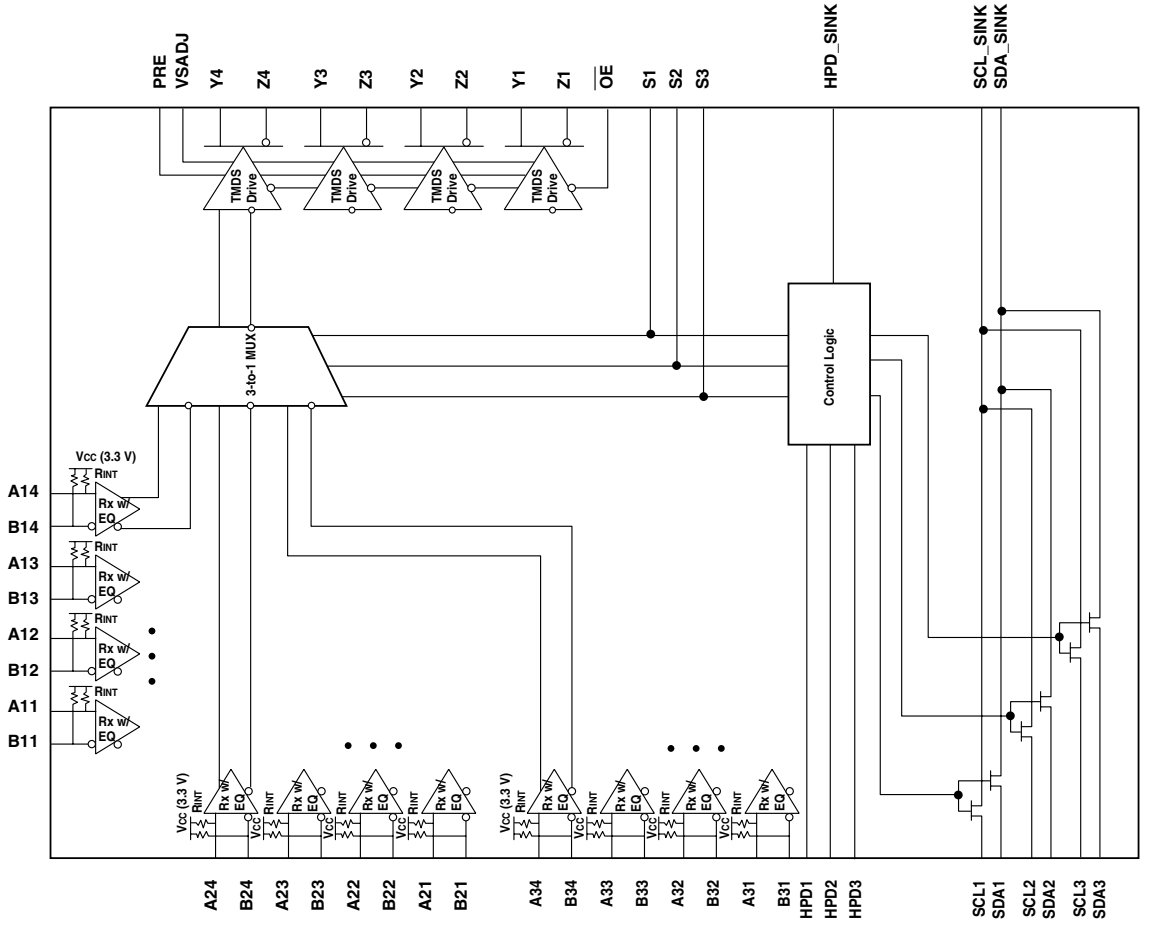
NJM2586 : IC201



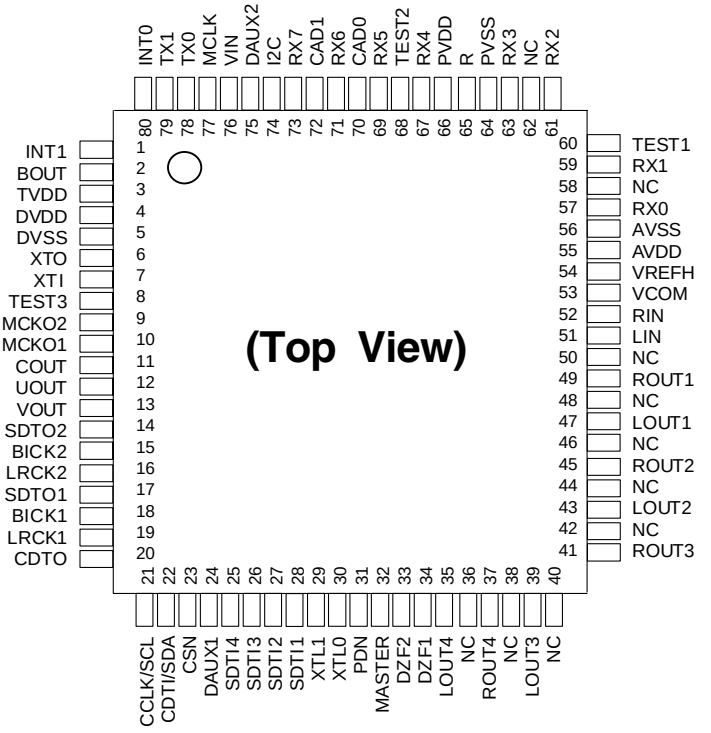
No.	SYMBOL	VOLTAGE
1	CH1 IN1	0V
3	CH1 IN2	
5	CH1 IN3	
8	CH2 IN1	
10	CH2 IN2	
12	CH2 IN3	
13	CH3 IN1	
15	CH3 IN2	
17	CH3 IN3	
20	CH1 OUT	0V
22	CH2 OUT	
24	CH3 OUT	
2	SW1	0V
4	SW2	
23	Power Save	0V

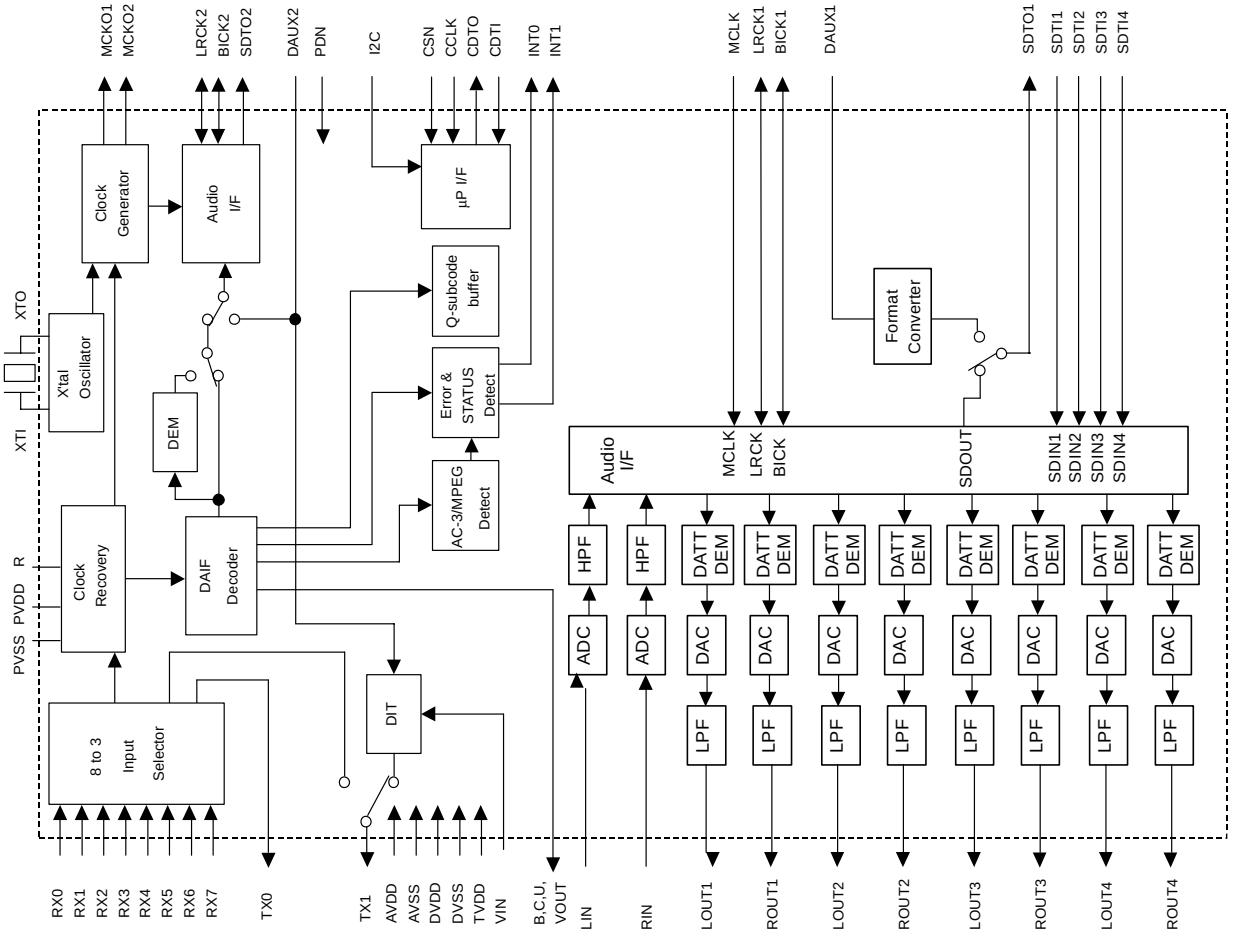
TMDS341 : IC800(HDMI)





AK4588 : IC800(DSP)



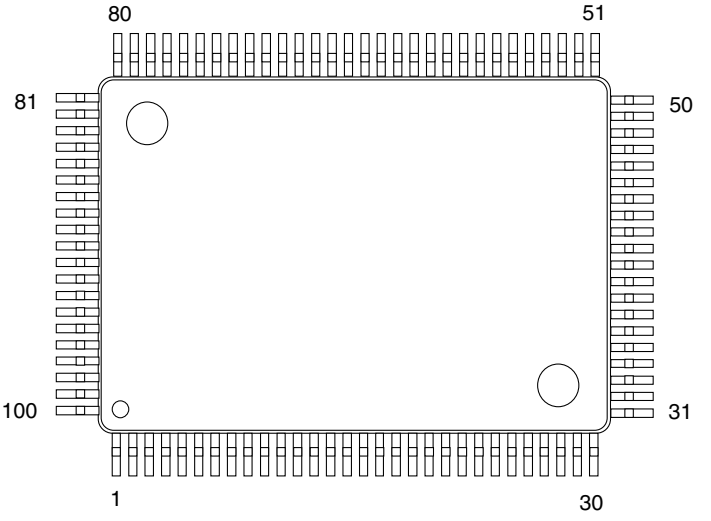


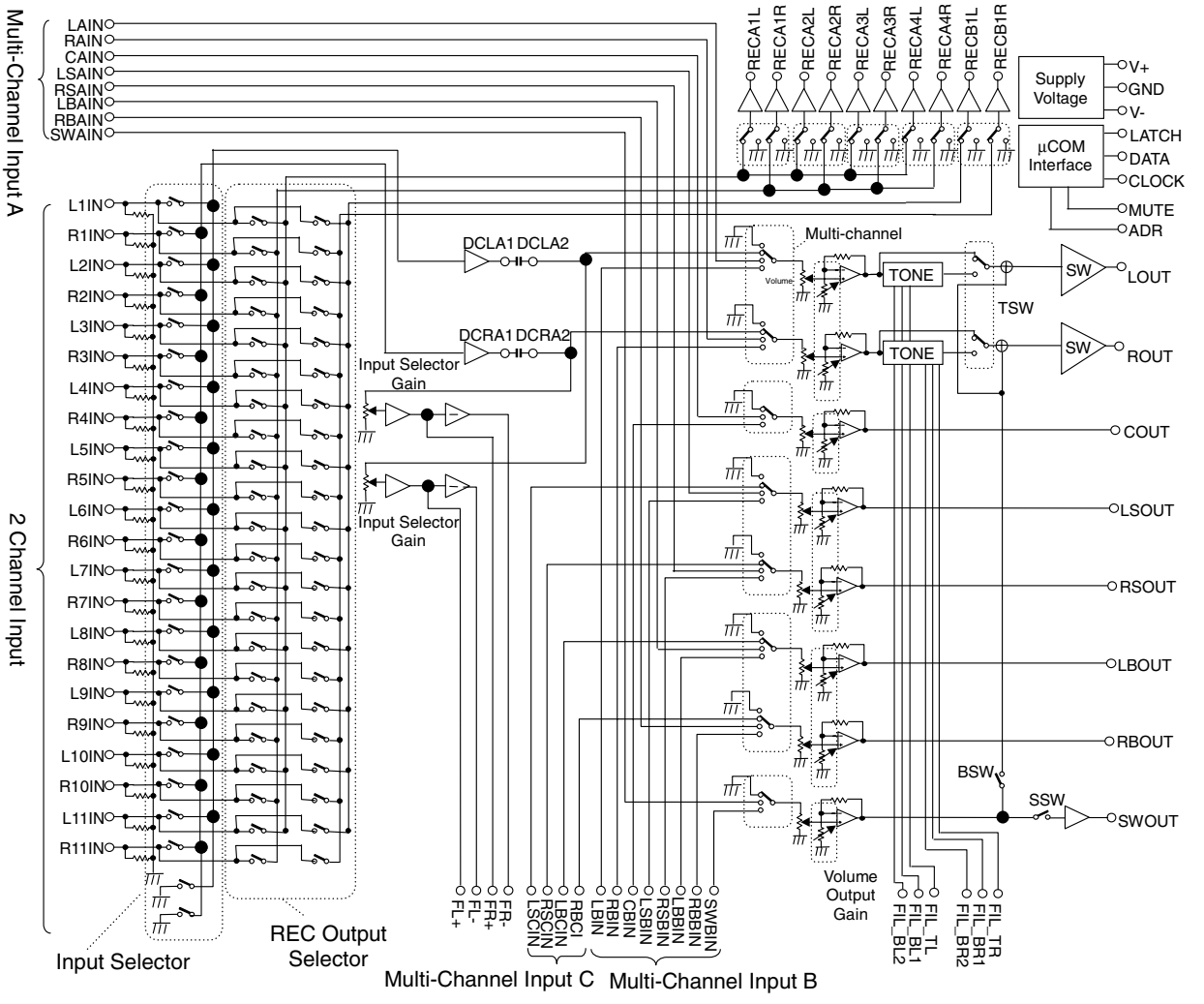
No.	Pin Name	I/O	Function
1	INT1	O	Interrupt 1 Pin
2	BOUT	O	Block-Start Output Pin for Receiver Input "H" during first 40 flames.
3	TVDD	-	Output Buffer Power Supply Pin, 2.7V~5.5V
4	DVDD	-	Digital Power Supply Pin, 4.5V~5.5V
5	DVSS	-	Digital Ground Pin
6	XTO	O	X'tal clock Output Pin
7	XTI	I	X'tal / External clock Input Pin
8	TEST3	I	Test 3 Pin This pin should be connected to DVSS.
9	MCKO2	O	Master Clock Output 2 Pin
10	MCKO1	O	Master Clock Output 1 Pin
11	COUT	O	C-bit Output Pin for Receiver Input
12	UOUT	O	U-bit Output Pin for Receiver Input
13	VOUT	O	V-bit Output Pin for Receiver Input
14	SDTO2	O	Audio Serial Data Output Pin (DIR/DIT part)
15	BICK2	I/O	Audio Serial Data Clock Pin (DIR/DIT part)
16	LRCK2	I/O	Channel Clock Pin (DIR/DIT part)
17	SDTO1	O	Audio Serial Data Output Pin (ADC/DAC part)
18	BICK1	I/O	Audio Serial Data Clock Pin (ADC/DAC part)
19	LRCK1	I/O	Input Channel Clock Pin
20	CDTO	O	Control Data Output Pin in Serial Mode, I2C pin= "L".
21	CCLK	I	Control Data Clock Pin in Serial Mode, I2C pin= "L"
	SCL	I	Control Data Clock Pin in Serial Mode, I2C pin= "H"
22	CDTI	I	Control Data Input Pin in Serial Mode, I2C pin= "L".
	SDA	I/O	Control Data Pin in Serial Mode, I2C pin= "H".
23	CSN	I	Chip Select Pin in Serial Mode, I2C pin="L".
		I	This pin should be connected to DVSS, I2C pin="H".
24	DAUX1	I	AUX Audio Serial Data Input Pin (ADC/DAC part)
25	SDTI4	I	DAC4 Audio Serial Data Input Pin
26	SDTI3	I	DAC3 Audio Serial Data Input Pin
27	SDTI2	I	DAC2 Audio Serial Data Input Pin
28	SDTI1	I	DAC1 Audio Serial Data Input Pin
29	XTL1	I	X'tal Frequency Select 0 Pin
30	XTL0	I	X'tal Frequency Select 1 Pin
31	PDN	I	Power-Down Mode Pin When "L", the AK4588 is powered-down, all output pin goes "L", all registers are reset. When CAD1-0 pins are changed, the AK4588 should be reset by PDN pin.
32	MASTER	I	Master Mode Select Pin "H": Master mode, "L": Slave mode
33	DZF2	O	Zero Input Detect 2 Pin (Table 13) When the input data of the group 1 follow total 8192 LRCK cycles with "0" input data, this pin goes to "H". When RSTN1 bit is "0" or PWDAN bit is "0", this pin goes to "H".
	OVF	O	Analog Input Overflow Detect Pin This pin goes to "H" if the analog input of Lch or Rch overflows. This pin becomes OVF pin if OVFE bit is set to 1.
34	DZF1	O	Zero Input Detect 1 Pin (Table 13) When the input data of the group 1 follow total 8192 LRCK cycles with "0" input data, this pin goes to "H". When RSTN1 bit is "0" or PWDAN bit is "0", this pin goes to "H".
35	LOUT4	O	DAC4 Lch Analog Output Pin
36	NC	-	No Connect pin No internal bonding. This pin should be opened.
37	ROUT4	O	DAC4 Rch Analog Output Pin
38	NC	-	No Connect pin No internal bonding. This pin should be opened.
39	LOUT3	O	DAC3 Lch Analog Output Pin

No.	Pin Name	I/O	Function
40	NC	-	No Connect pin No internal bonding. This pin should be opened.
41	ROUT3	O	DAC3 Rch Analog Output Pin
42	NC	-	No Connect pin No internal bonding. This pin should be opened.
43	LOUT2	O	DAC2 Lch Analog Output Pin
44	NC	-	No Connect pin No internal bonding. This pin should be opened.
45	ROUT2	O	DAC2 Rch Analog Output Pin
46	NC	-	No Connect pin No internal bonding. This pin should be opened.
47	LOUT1	O	DAC1 Lch Analog Output Pin
48	NC	-	No Connect pin No internal bonding. This pin should be opened.
49	ROUT1	O	DAC1 Rch Analog Output Pin
50	NC	-	No Connect pin No internal bonding. This pin should be opened.
51	LIN	I	Lch Analog Input Pin
52	RIN	I	Rch Analog Input Pin
53	VCOM	-	Common Voltage Output Pin 2.2μF capacitor should be connected to AVSS externally.
54	VREFH	-	Positive Voltage Reference Input Pin, AVDD
55	AVDD	-	Analog Power Supply Pin, 4.5V~5.5V
56	AVSS	-	Analog Ground Pin, 0V
57	RX0	I	Receiver Channel 0 Pin (Internal biased pin. Internally biased at PVDD/2)
58	NC	-	No Connect pin No internal bonding. This pin should be connected to PVSS.
59	RX1	I	Receiver Channel 1 Pin (Internal biased pin. Internally biased at PVDD/2)
60	TEST1	I	Test 1 Pin This pin should be connected to PVSS.
61	RX2	I	Receiver Channel 2 Pin (Internal biased pin. Internally biased at PVDD/2)
62	NC	-	No Connect pin No internal bonding. This pin should be connected to PVSS.
63	RX3	I	Receiver Channel 3 Pin (Internal biased pin. Internally biased at PVDD/2)
64	PVSS	-	PLL Ground pin
65	R	-	External Resistor Pin 12kΩ +/-1% resistor should be connected to PVSS externally.
66	PVDD	-	PLL Power supply Pin, 4.5V~5.5V
67	RX4	I	Receiver Channel 4 Pin (Internal biased pin. Internally biased at PVDD/2)
68	TEST2	I	Test 2 Pin This pin should be connected to PVSS.
69	RX5	I	Receiver Channel 5 Pin (Internal biased pin. Internally biased at PVDD/2)
70	CAD0	I	Chip Address 0 Pin (ADC/DAC part)
71	RX6	I	Receiver Channel 6 Pin (Internal biased pin. Internally biased at PVDD/2)
72	CAD1	I	Chip Address 1 Pin (ADC/DAC part)
73	RX7	I	Receiver Channel 7 Pin (Internal biased pin. Internally biased at PVDD/2)
74	I2C	I	Control Mode Select Pin. "L": 4-wire Serial, "H": I^2C Bus
75	DAUX2	I	Auxiliary Audio Data Input Pin (DIR/DIT part)
76	VIN	I	V-bit Input Pin for Transmitter Output
77	MCLK	I	Master Clock Input Pin
78	TX0	O	Transmit Channel (Through Data) Output 0 Pin
79	TX1	O	Transmit Channel Output1 pin When TX bit = "0", Transmit Channel (Through Data) Output 1 Pin. When TX bit = "1", Transmit Channel (DAUX2 Data) Output Pin (Default).
80	INT0	O	Interrupt 0 Pin

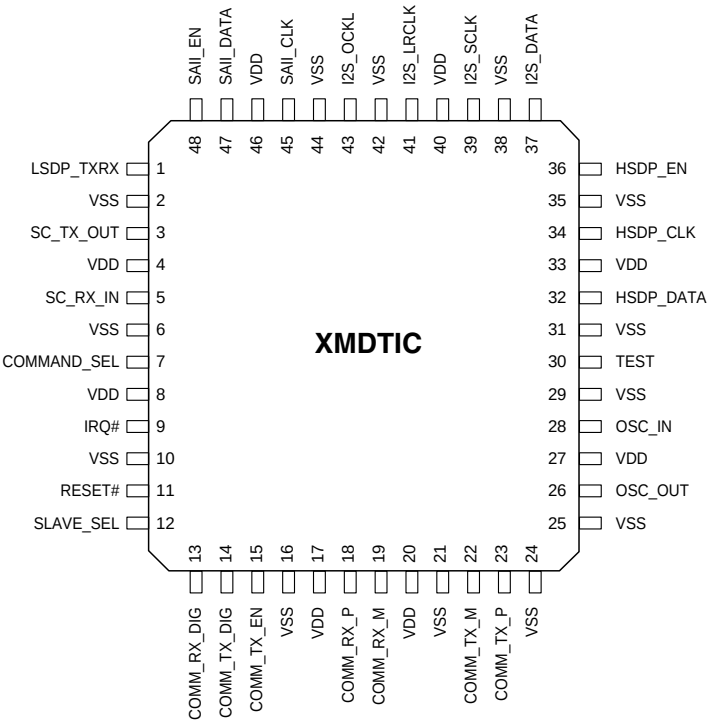
Note : All input pins except internal biased pins and internal pull-down pin should not be left floating.

NJW1197 : IC401





F2602E : IC101



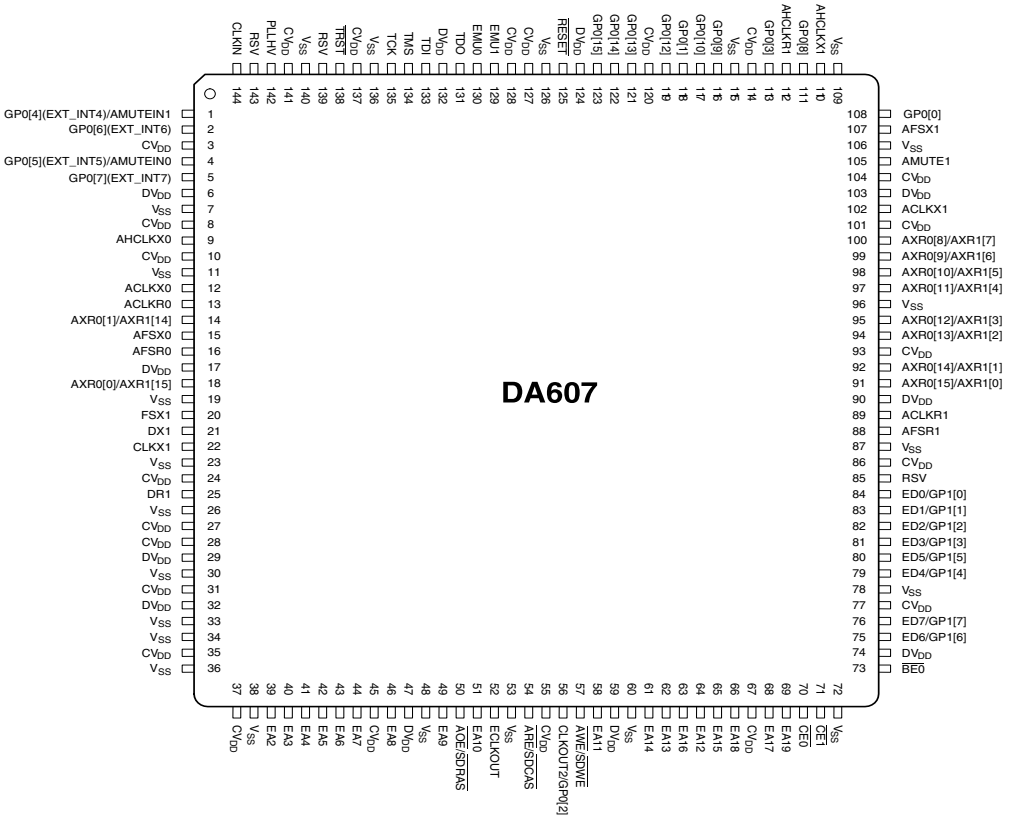
Pin #	Pin Name	Type	Function in Slave Mode	Function in Master Mode	Notes
1	LSDP_TXRX	S=In M=Out	Low Speed Data Port Output	Low Speed Data Port Input	LVTTL S/T
3	SC_TX_OUT	S=Out M=Out	System Controller Bus (CBM) Transmit Data Out	System Controller Bus (CBM) Transmit Data Out	4mA, SLC
5	SC_RX_IN	S=In M=In	System Controller Bus (CBM) Receive Data In	System Controller Bus (CBM) Receive Data In	LVTTL S/T
7	COMMAND_SEL	S=In M=In	Command Mode Select In (1=Command Mode, 0=Normal Mode)	Command Mode Select In (1=Command Mode, 0=Normal Mode)	LVTTL S/T
9	IRQ#	S=Out M=Out	Interrupt Request Out (Active Low)	Interrupt Request Out (Active Low)	4mA Open Drain
11	RESET#	S=In M=In	Asynchronous Reset In, (Active Low)	Asynchronous Reset In, (Active Low)	LVTTL S/T
12	SLAVE_SEL	S=In M=In	M/S Mode Select In (High = Slave Mode)	M/S Mode Select In (Low = Master Mode)	LVTTL S/T
13	COMM_RX_DIG	S=In M=In	DT Comm Bus External Transceiver Receive Data In	DT Comm Bus External Transceiver Receive Data In	LVTTL S/T
14	COMM_TX_DIG	Output	DT Comm Bus External Transceiver Transmit Data Out	DT Comm Bus External Transceiver Transmit Data Out	LVTTL S/T
15	COMM_TX_EN	Output	DT Comm Bus External Receiver Direction Out (1=Transmit, 0=Receive)	DT Comm Bus External Receiver Direction Out (1=Transmit, 0=Receive)	LVTTL S/T
18	COMM_RX_P	S=In M=In	DT Comm Bus Internal Receiver Differential Positive In	DT Comm Bus Internal Receiver Differential Positive In	LVDS in+
19	COMM_RX_M	S=In M=In	DT Comm Bus Internal Receiver Differential Negative In	DT Comm Bus Internal Receiver Differential Negative In	LVDS IN-

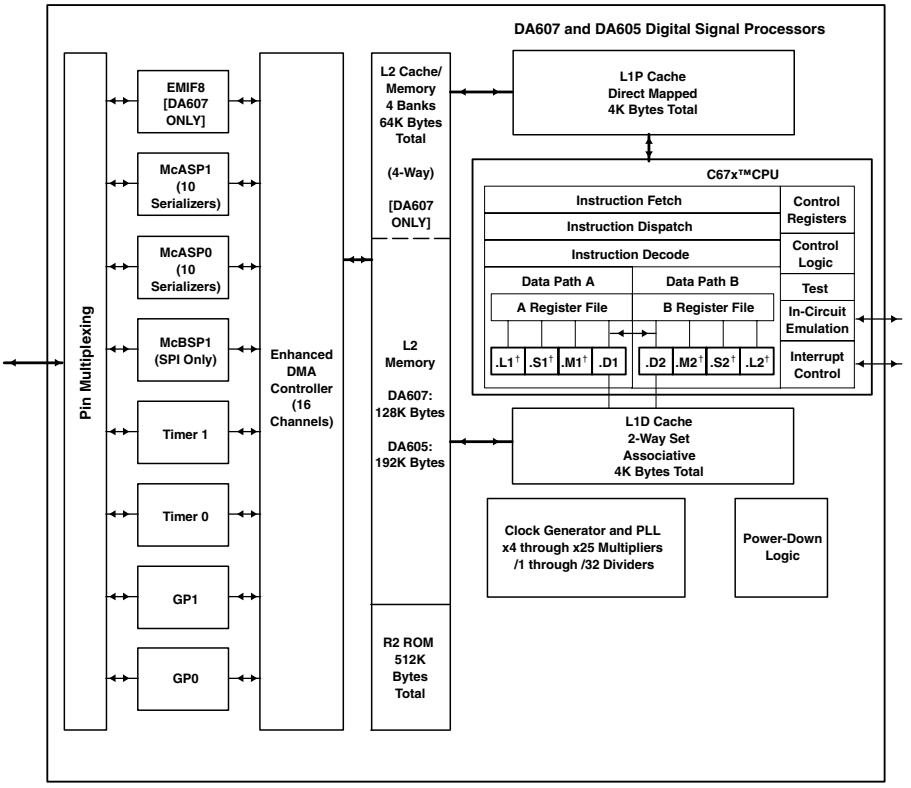
Pin #	Pin Name	Type	Function in Slave Mode	Function in Master Mode	Notes
22	COMM_TX_M	Output	DT Comm Bus Internal Transmitter Differential Negative Out	DT Comm Bus Internal Transmitter Differential Negative Out	LVDS out-
23	COMM_TX_P	Output	DT Comm Bus Internal Transmitter Differential Positive Out	DT Comm Bus Internal Transmitter Differential Positive Out	LVDS out+
26	OSC_OUT	Output	Crystal Output	Crystal Output	Crystal Buffer
28	OSC_IN	S=In M=In	Crystal Input	Crystal Input	Crystal Buffer
30	TEST	S=In M=In	Factory Test Mode Select (1=Test, 0=Normal Oper.)	Factory Test Mode Select (1=Test, 0=Normal Oper.)	LVTTL S/T
32	HSDP_DATA	S=In M=Out	High Speed Data Port Data Input	High Speed Data Port Data Output	Out=4mA, SLC In=LVTTL S/T
34	HSDP_CLK	S=In M=Out	High Speed Data Port Clock Input	High Speed Data Port Clock Output	Out=4mA, SLC In=LVTTL S/T
36	HSDP_EN	S=Out M=In	High Speed Data Port Enable Output	High Speed Data Port Enable Input	Out=4mA, SLC In=LVTTL S/T
37	12S_DATA	S=In M=Out	12S Digital Port Data In	12S Digital Audio Port Data Out	Out=4mA, SLC In=LVTTL S/T
39	12S_SCLK	S=In M=Out	12S Digital Audio Port Bit Clock In	12S Digital Audio Port Bit Clock Out	Out=4mA, SLC In=LVTTL S/T
41	12S_LRCLK	S=In M=Out	12S Digital Audio Port Left/Right Clock In	12S Digital Audio Port Left/Right Clock Out	Out=4mA, SLC In=LVTTL S/T
43	12S_OCLK	S=In M=Out	12S Digital Audio Port Oversample Clock (not used - connect to Gnd???)	12S Digital Audio Port Oversample Clock Out	Out=4mA, SLC
45	SAII_CLK	S=Out M=In	SAII Port Clock Output	SAII Port Clock Input	Out=4mA, SLC 3.3V S/T
47	SAII_DATA	S=Out M=In	SAII Port Data Output	SAII Port Data Input	Out=4mA, SLC In=LVTTL S/T
48	SAII_REQ	S=In M=Out	SAII Port Request Input	SAII Port Request Output	Out=4mA, SLC In=LVTTL S/T

Pin #	Pin Name	Type	Function in Slave Mode	Function in Master Mode	Notes
4, 8, 17, 20, 27, 33, 40, 46	VDD	PWR	+3.3V Supply Voltage	+3.3V Supply Voltage	
2, 6, 10, 16, 21, 24, 25, 29, 31, 25, 38, 42, 44	VSS	GND	Digital Ground	Digital Ground	

Notes: All Inputs are 3.3V LVTTL compatible; S/T = Schmitt Trigger inputs; SLC = Slew Rate Controller Output

TMS320DA607 : IC805





† In addition to fixed-point instructions, these functional units execute floating-point instructions.

EMIF8 interfaces to:
- SDRAM
- SRAM
- ROM/Flash
- I/O devices

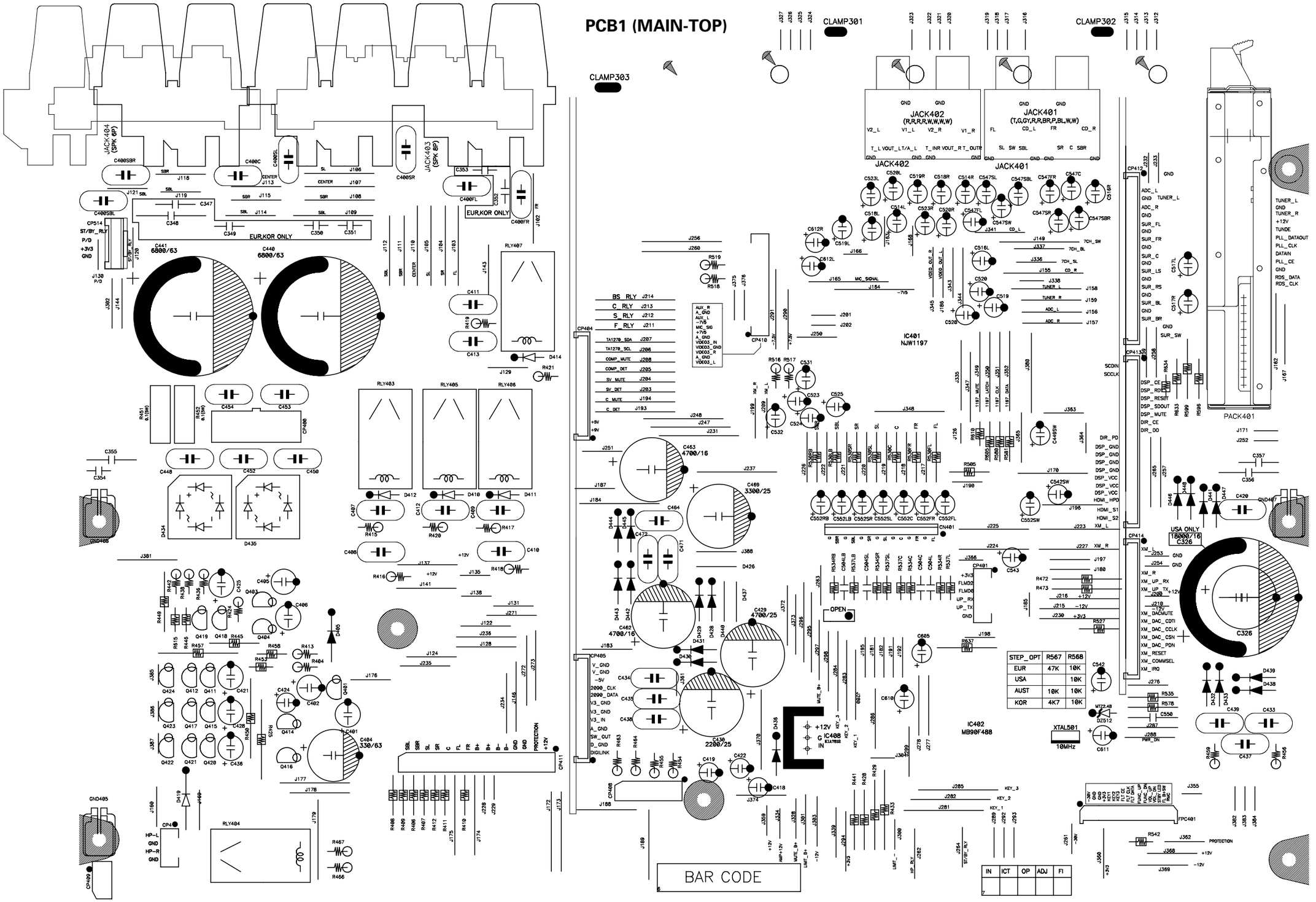
McBSP interfaces to:
- SPI Control Port
- Serial EEPROM

McASPs interface to:
- I2S Multichannel ADC, DAC, Codec, DIR
- DIT : Multiple Outputs

PRINTED CIRCUIT BOARDS (I)

Model No. : RD-7502

PCB1 (MAIN-TOP)



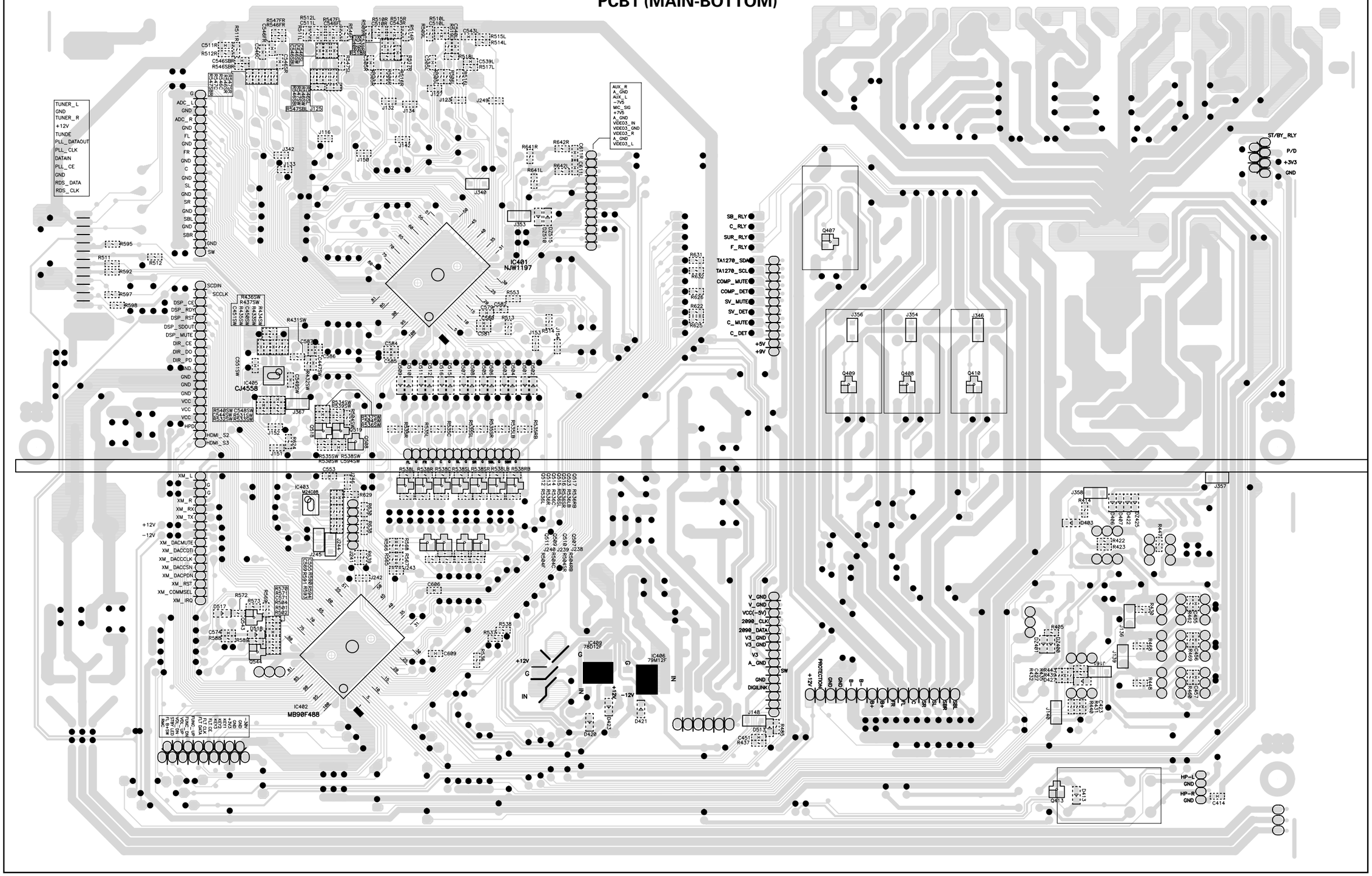
STEP_OPT	R567	R568
EUR	47K	10K
USA		10K
AUST	10K	10K
KOR	4K7	10K

IN	ICT	OP	ADJ	FI

PRINTED CIRCUIT BOARDS (II)

Model No. : RD-7502

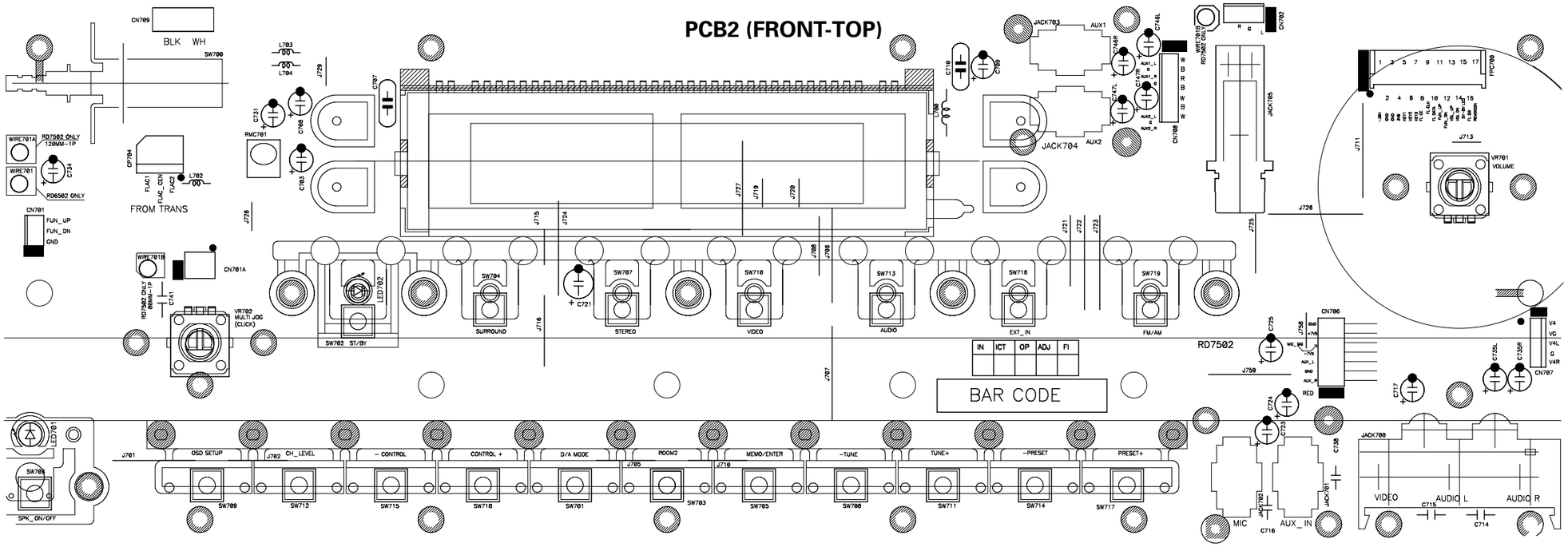
PCB1 (MAIN-BOTTOM)



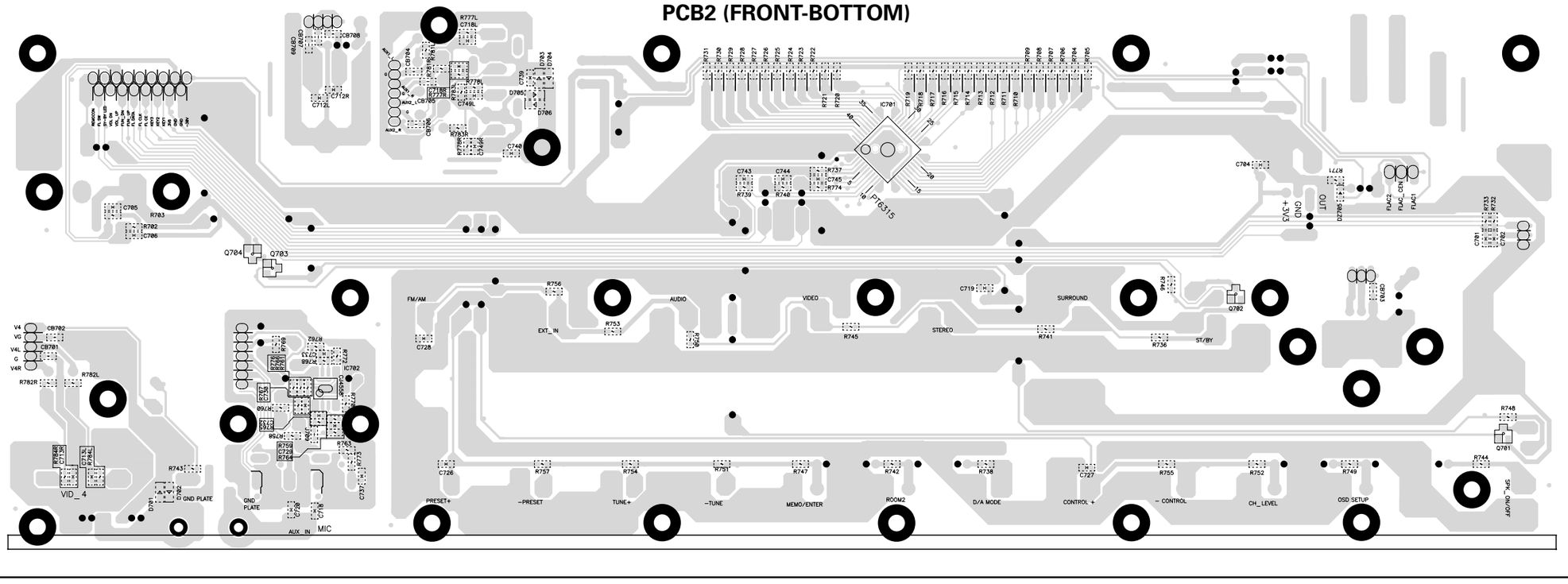
PRINTED CIRCUIT BOARDS (III)

Model No. : RD-7502

PCB2 (FRONT-TOP)



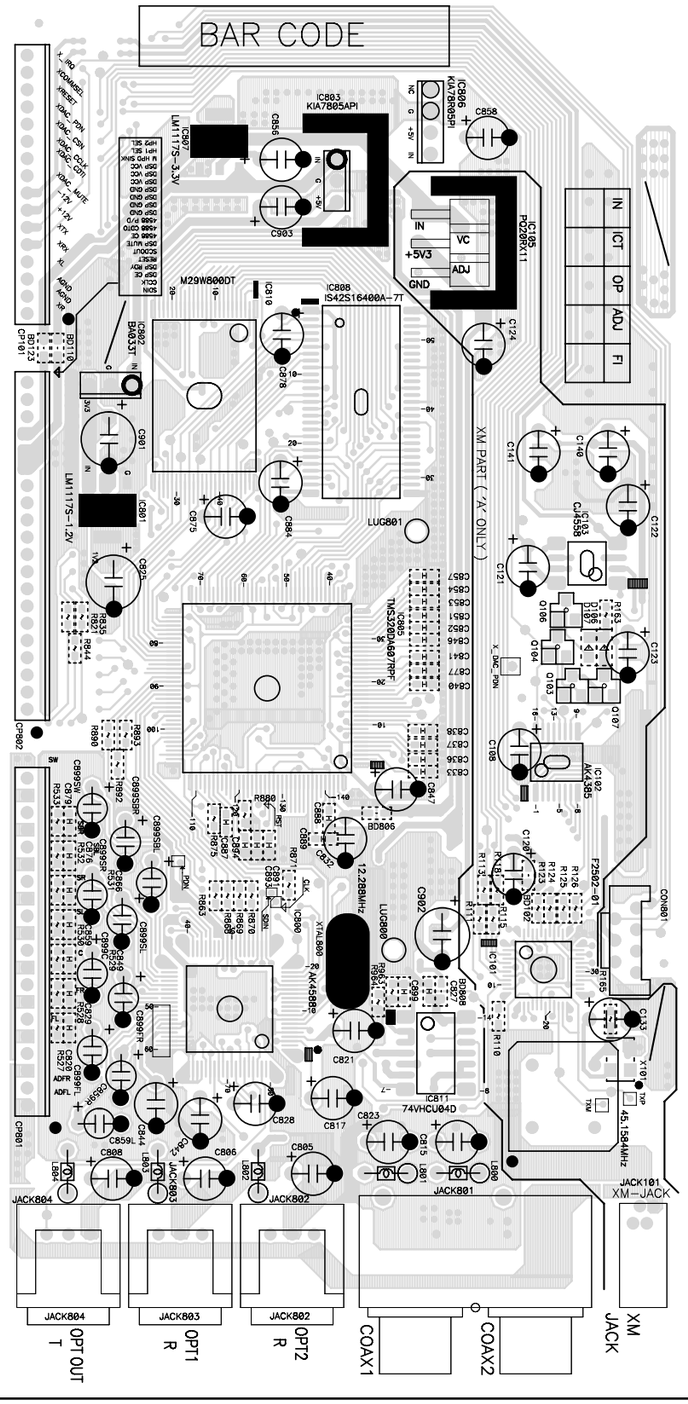
PCB2 (FRONT-BOTTOM)



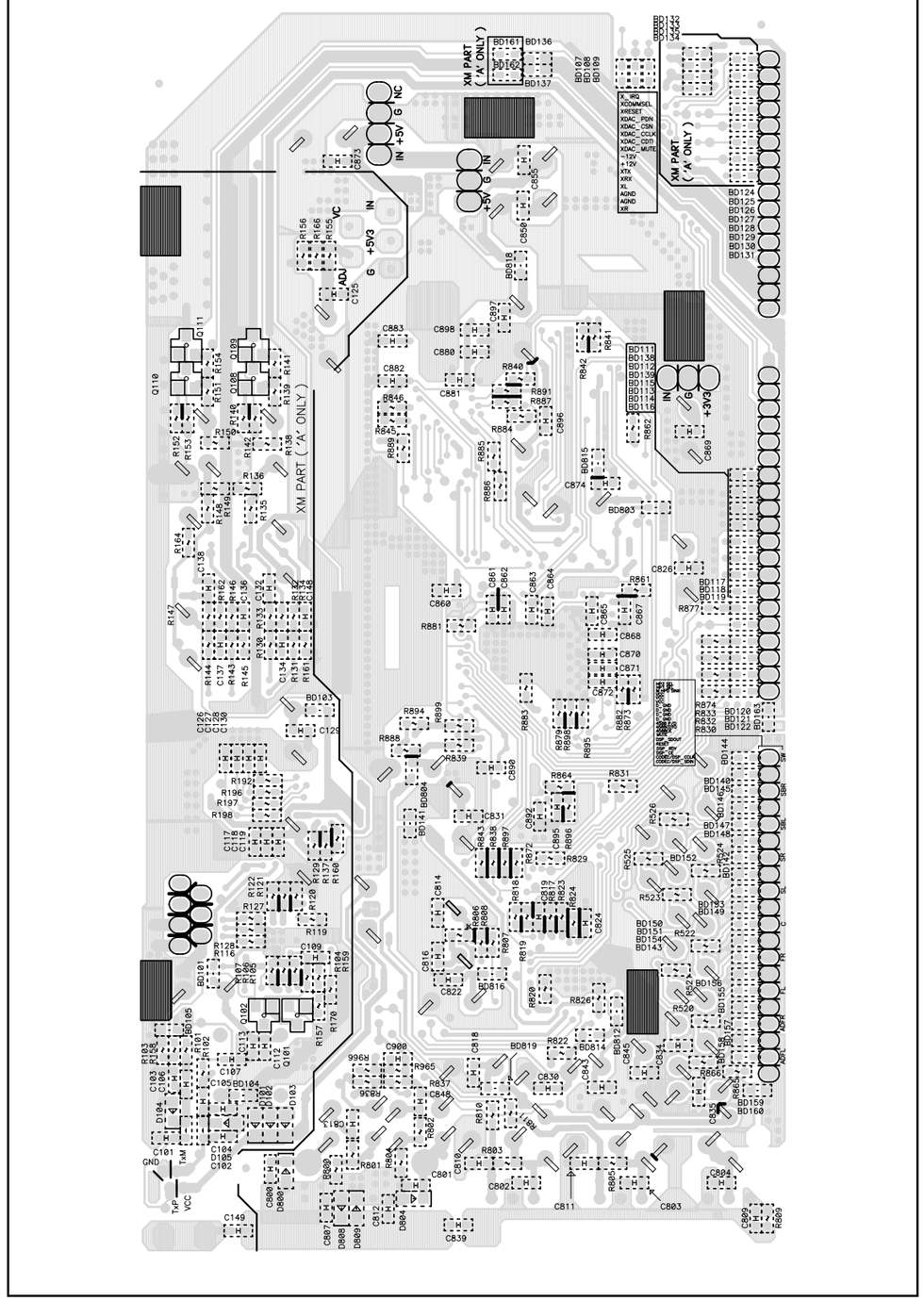
PRINTED CIRCUIT BOARDS (IV)

Model No. : RD-7502

PCB3 (DSP-TOP)



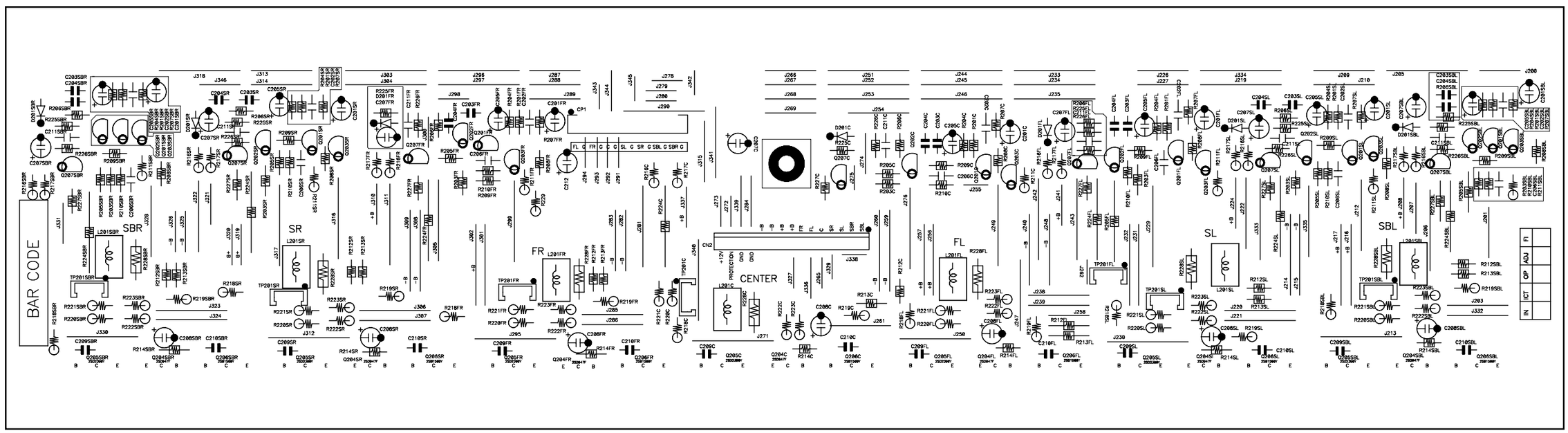
PCB3 (DSP-BOTTOM)



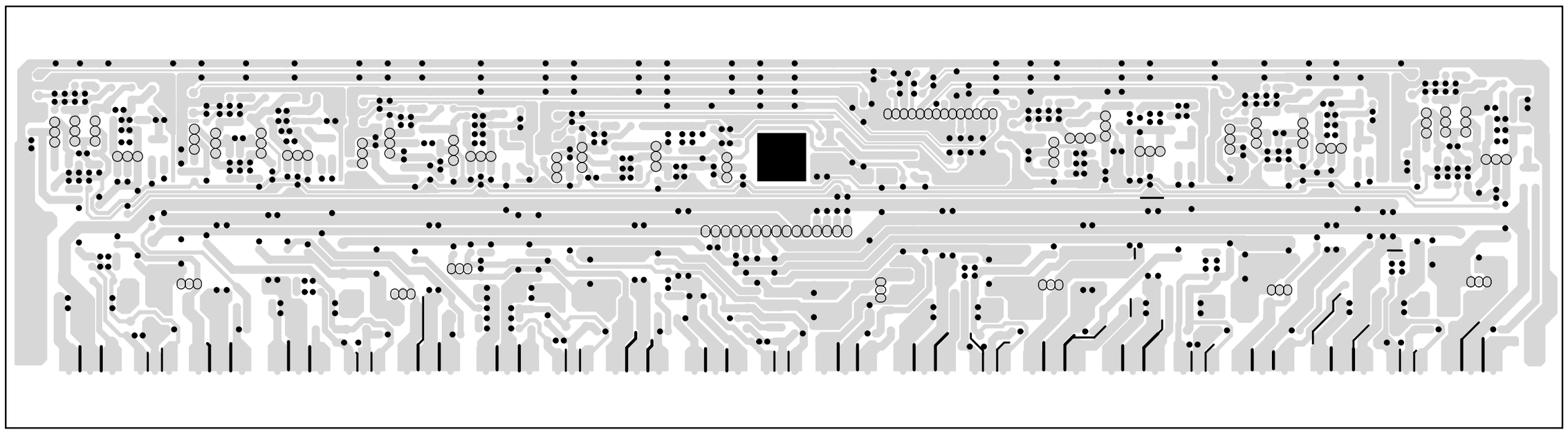
PRINTED CIRCUIT BOARDS (V)

Model No. : RD-7502

PCB4 (AMP-TOP)



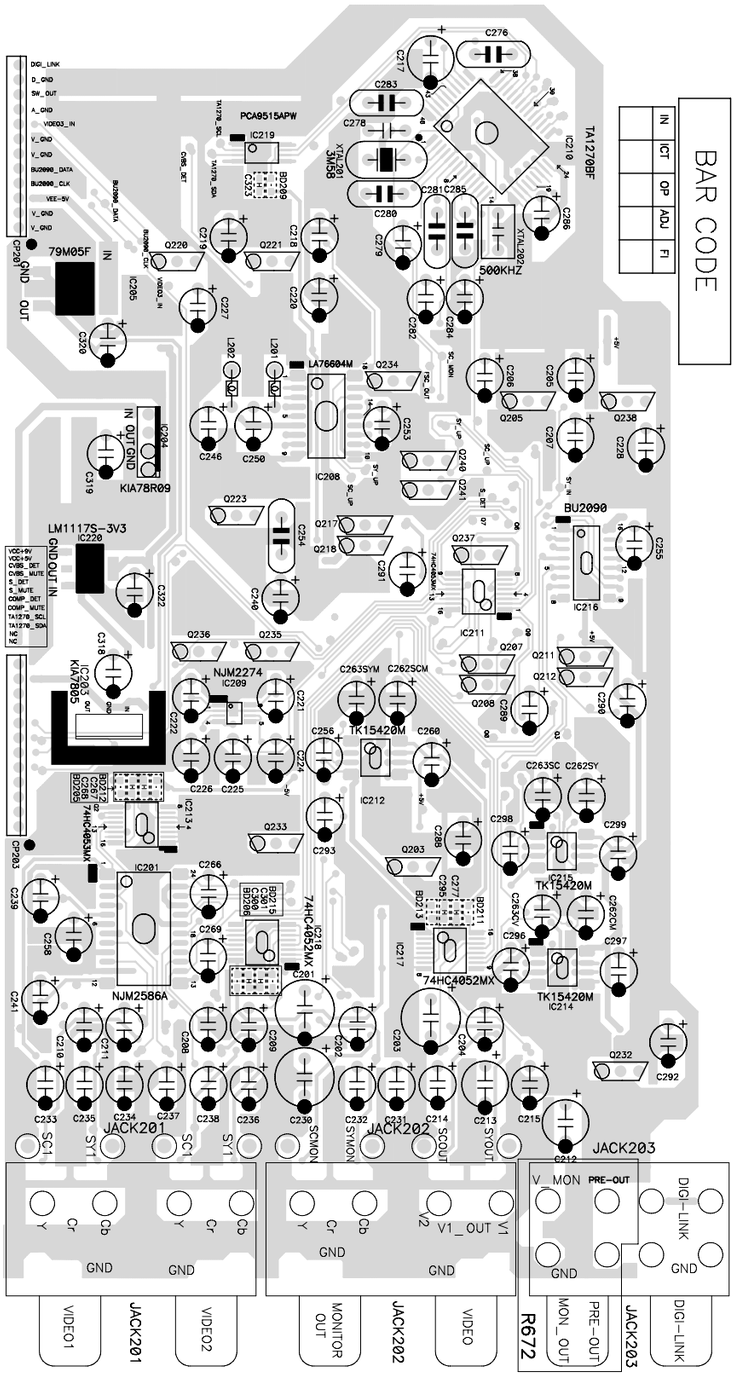
PCB4 (AMP-BOTTOM)



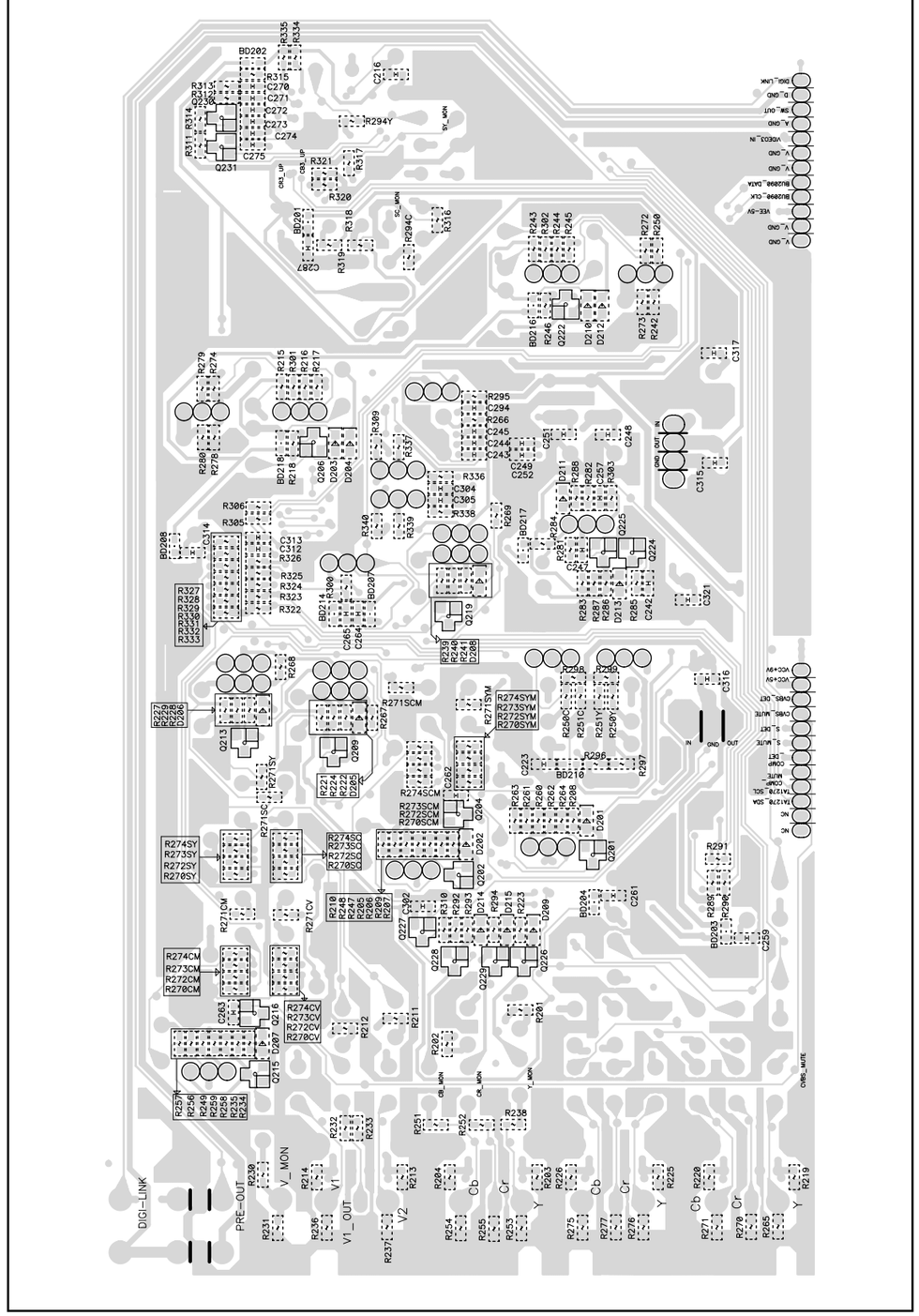
PRINTED CIRCUIT BOARDS (VI)

Model No. : RD-7502

PCB5 (VIDEO-TOP)



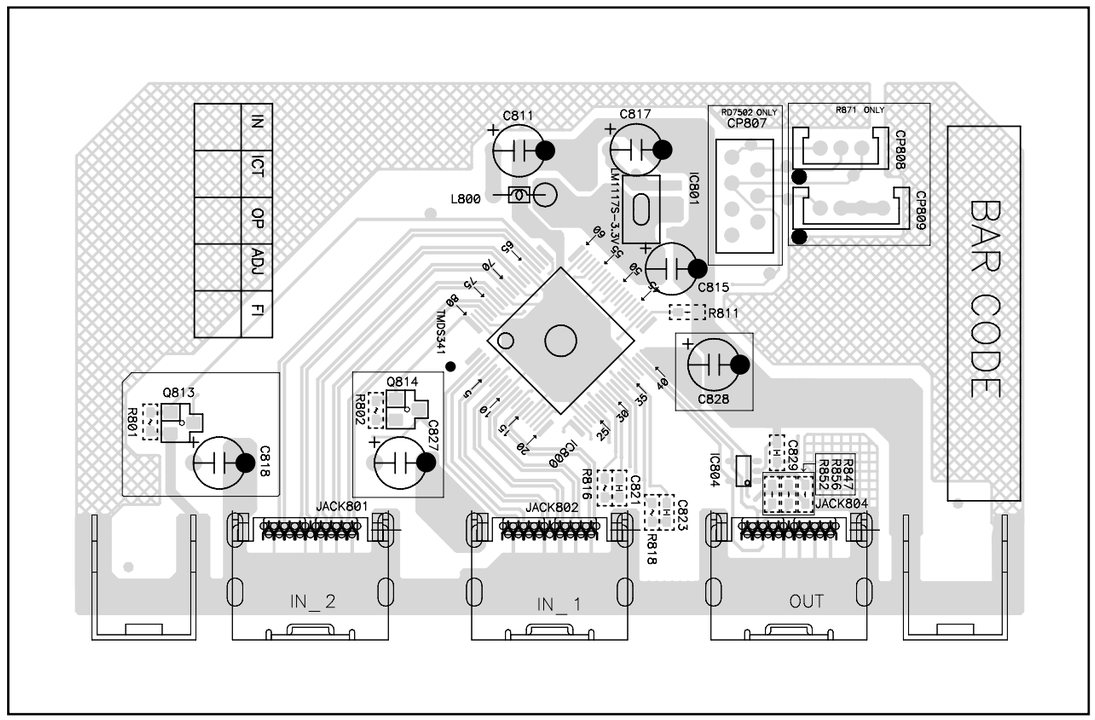
PCB5 (VIDEO-BOTTOM)



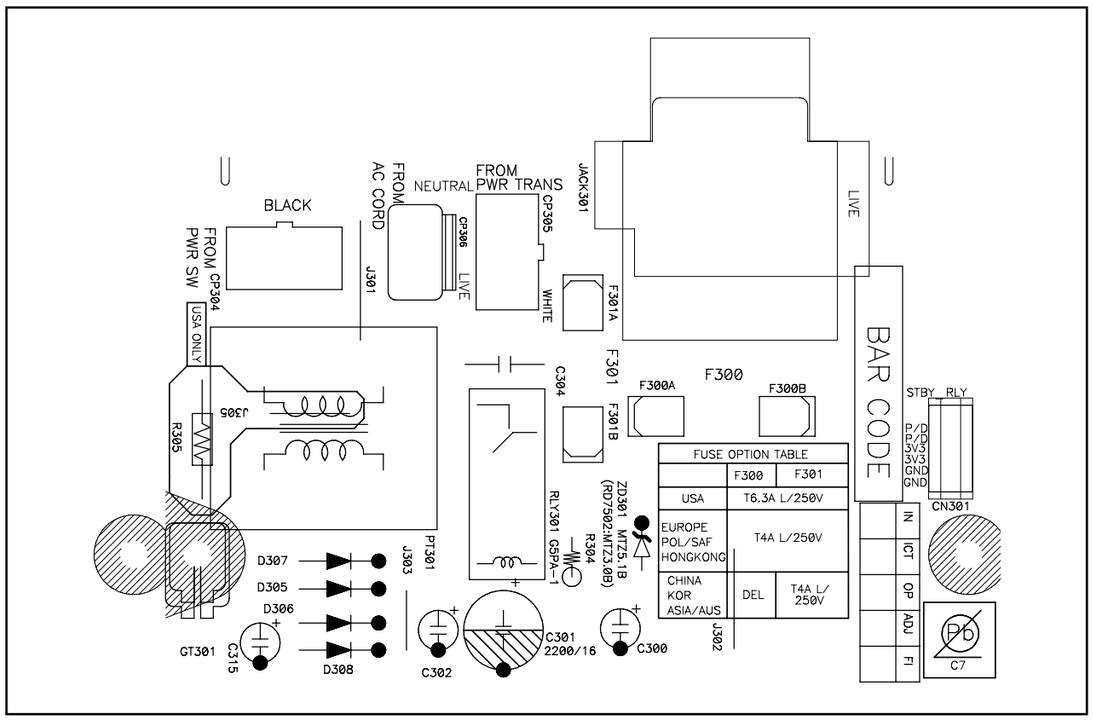
PRINTED CIRCUIT BOARDS (VII)

Model No. : RD-7502

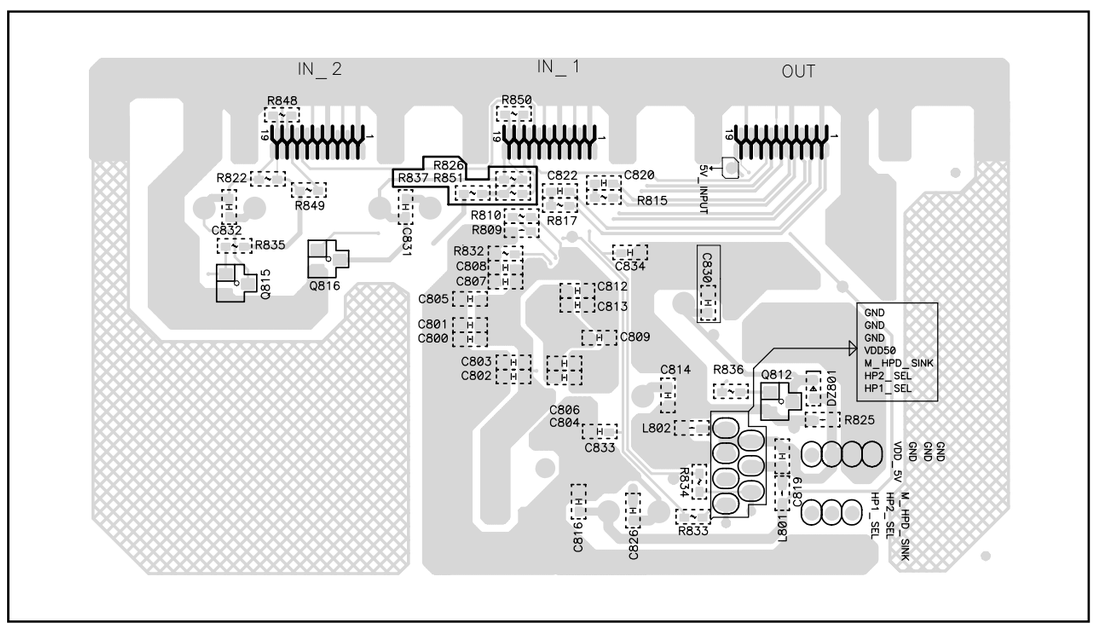
PCB6 (HDMI-TOP)



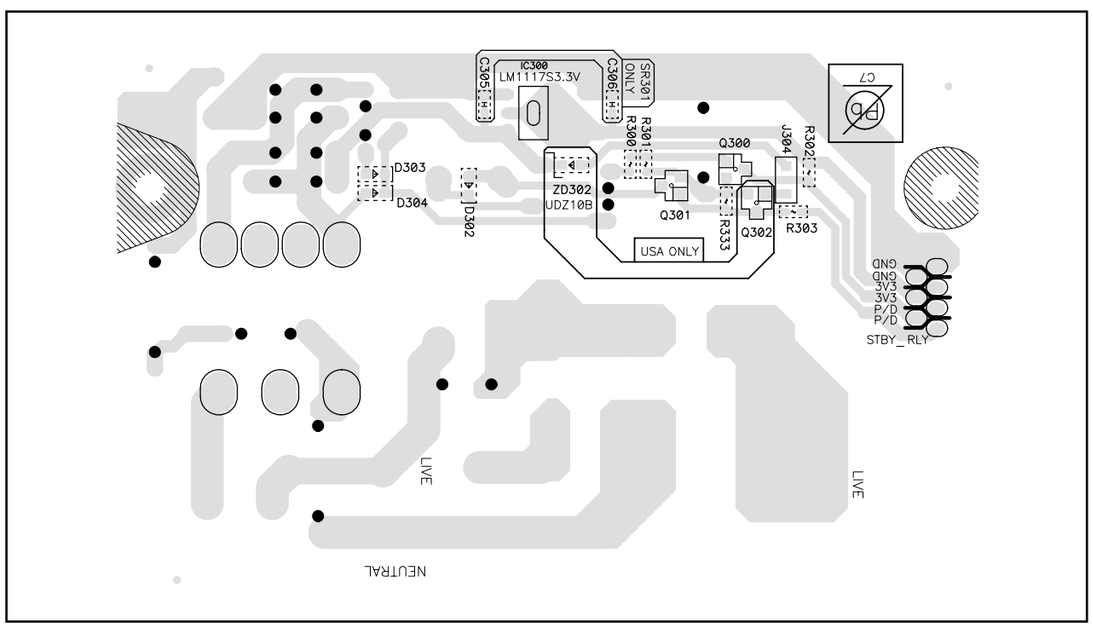
PCB7 (ST-BY-TOP)



PCB6 (HDMI-BOTTOM)

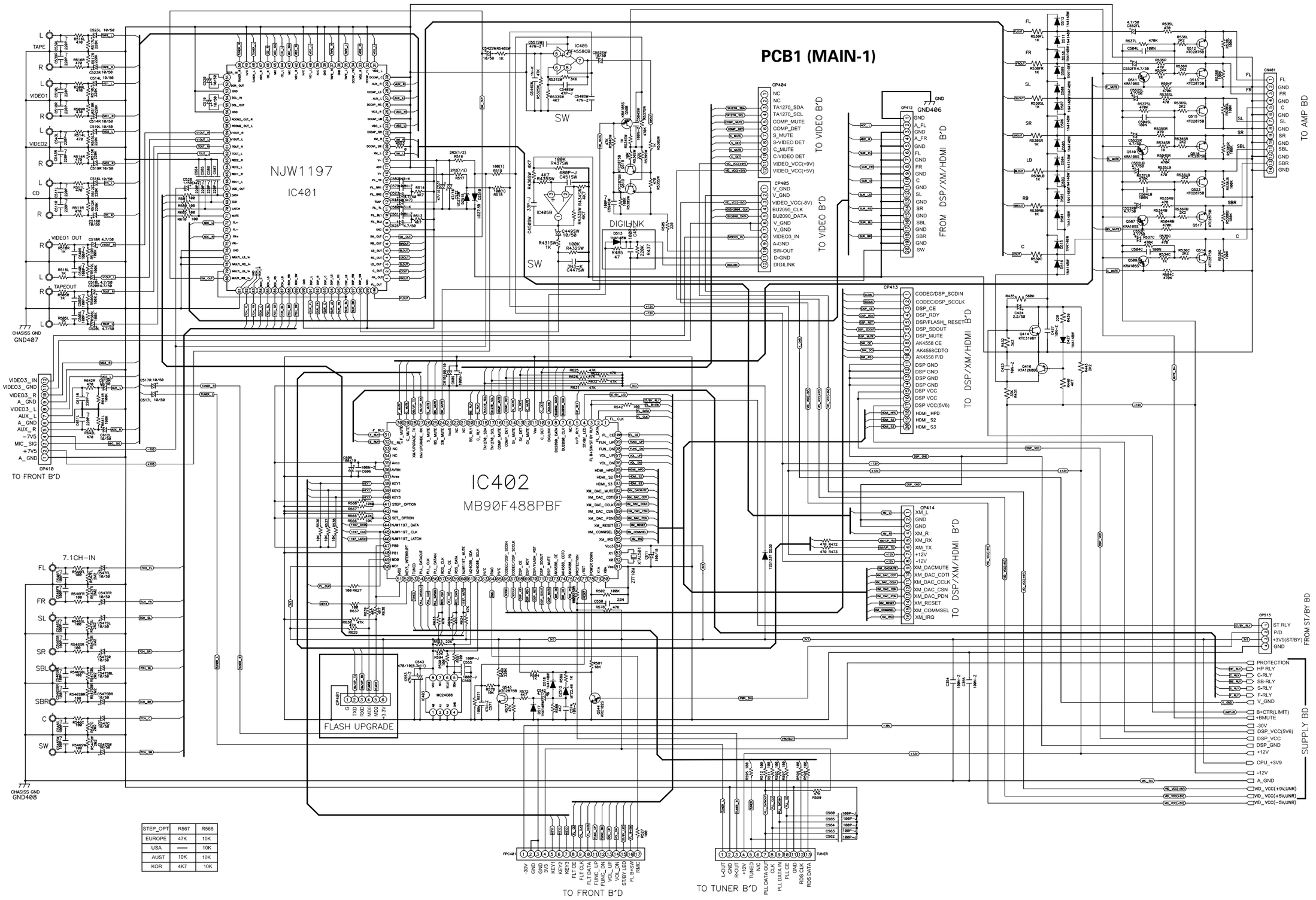


PCB7 (ST-BY-BOTTOM)



SCHEMATIC DIAGRAMS (I)

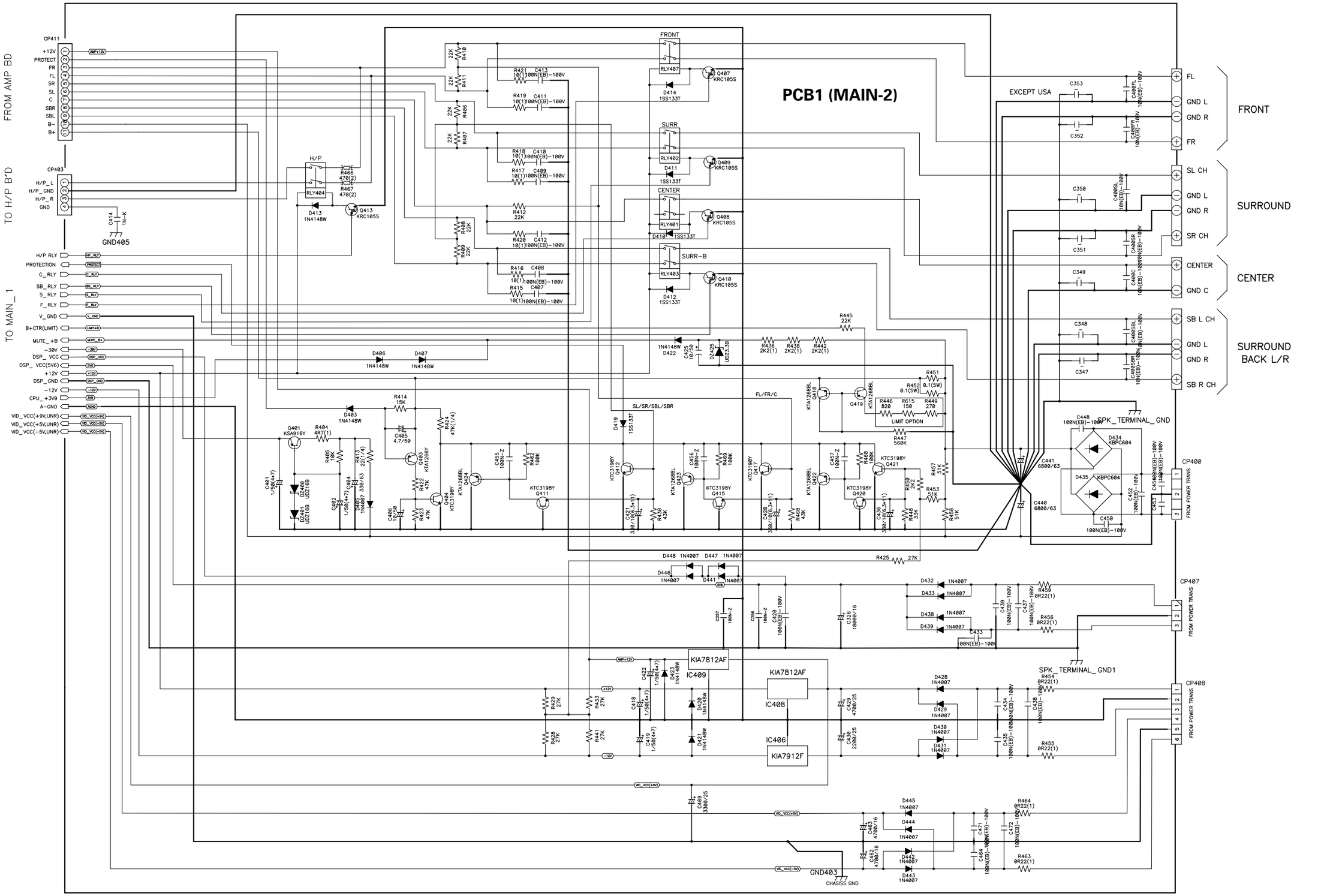
Model No. : RD-7502



STEP_OPT	R567	R568
EUROPE	47K	10K
USA	——	10K
AUST	10K	10K
KOR	4K7	10K

SCHEMATIC DIAGRAMS (II)

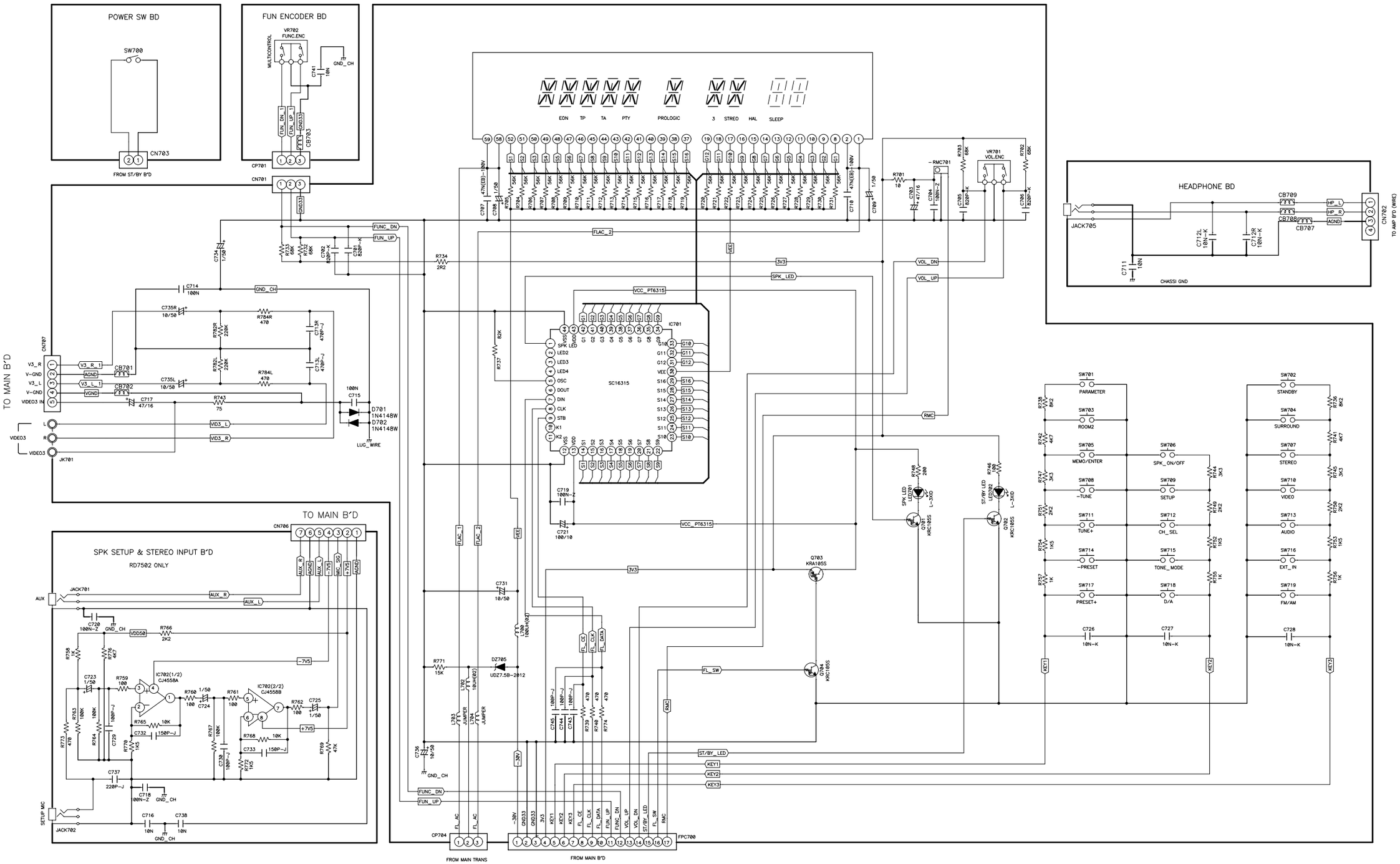
Model No. : RD-7502



SCHEMATIC DIAGRAMS (III)

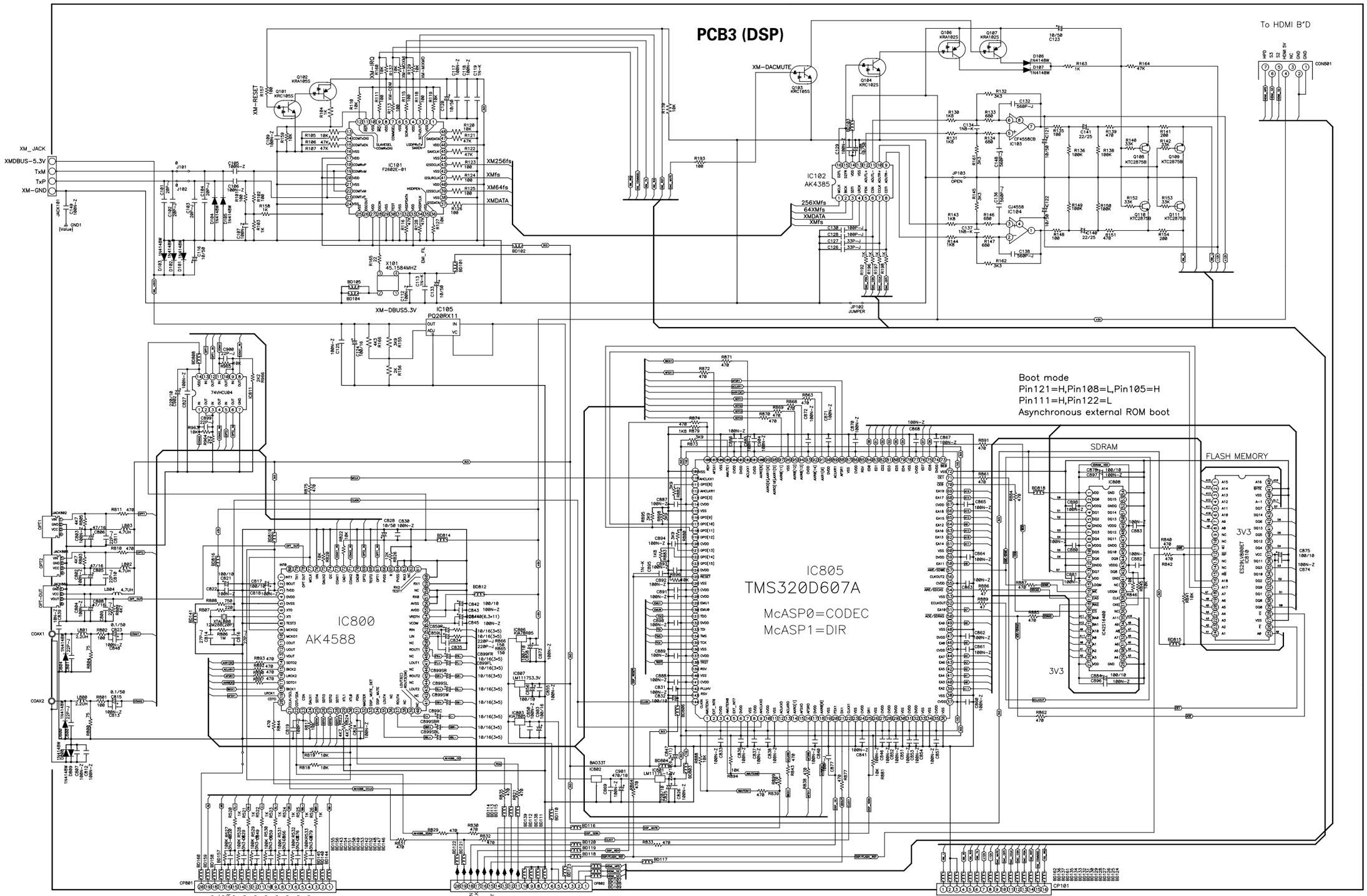
Model No. : RD-7502

PCB2 (FRONT)



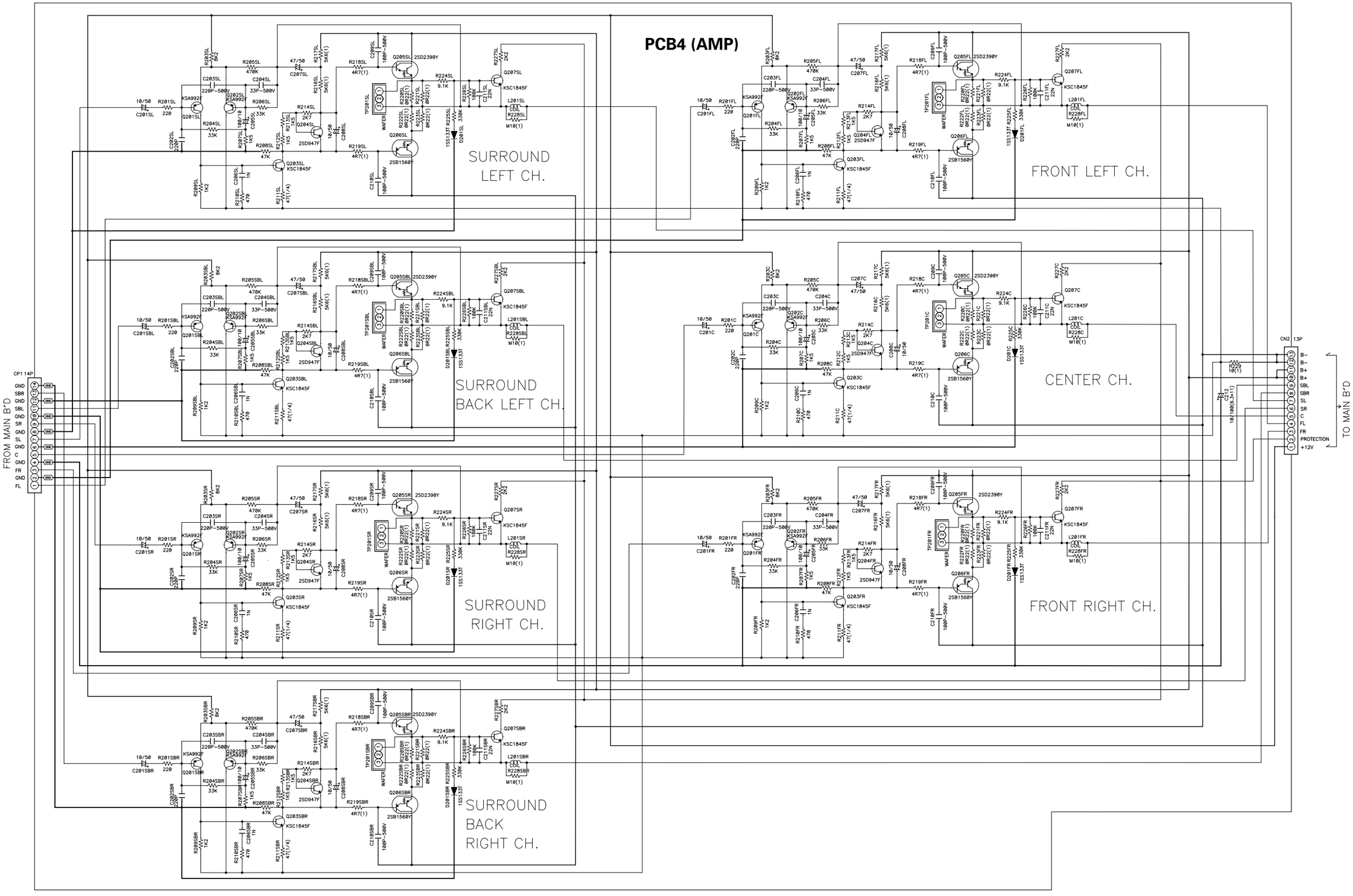
SCHEMATIC DIAGRAMS (IV)

Model No. : RD-7502



SCHEMATIC DIAGRAMS (V)

Model No. : RD-7502



SCHEMATIC DIAGRAMS (VI)

Model No. : RD-7502

PCB5 (VIDEO)

CONTROL		OUTPUT	
B(Q7)	A(Q6)	S-MON	CVBS-MON
0	0	UP	CVBS
0	1	UP	MIXED
1	0	YC	CVBS
1	1	YC	MIXED

MM74HC4053 - IC211

MM74HC4052

B(Q9)	A(Q0)	OUTPUT
0	0	VIDEO1
0	1	VIDEO2
1	0	—
1	1	—

Q0, Q9:S-VIDEO - IC218

TR Bias Resistor

TYPE	R1(B)	R2(B-E)
KRC101S	4K7	4K7
KRC102S	10K	10K
KRC103S	22K	22K
KRC104S	47K	47K
KRC105S	2K2	47K
KRC106S	4K7	47K

MM74HC4052

B(Q8)	A(Q1)	OUTPUT
0	0	VIDEO1
0	1	VIDEO2
1	0	—
1	1	VIDEO3

Q1, Q8:CVBS - IC217

MJM2586AM

SW1(Q5)	SW2(Q4)	OUTPUT
0	0	—
0	1	IN1(VID1)
1	0	IN2(VID2)
1	1	IN3(UP)

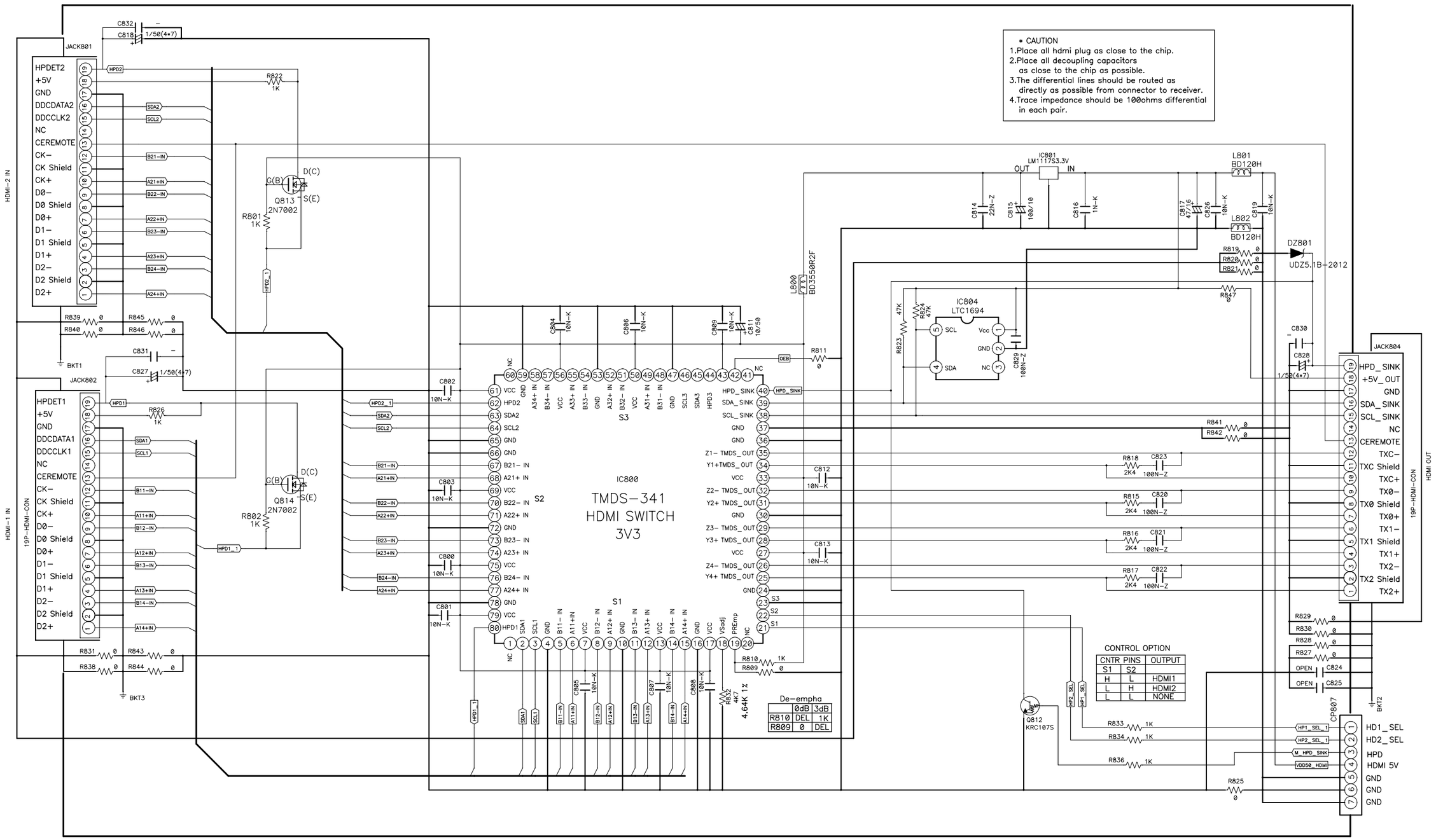
Q2	OUTPUT
0	AX
1	AY

MM74HC4053 - IC213
COMPONENT

SCHEMATIC DIAGRAMS (VII)

Model No. : RD-7502

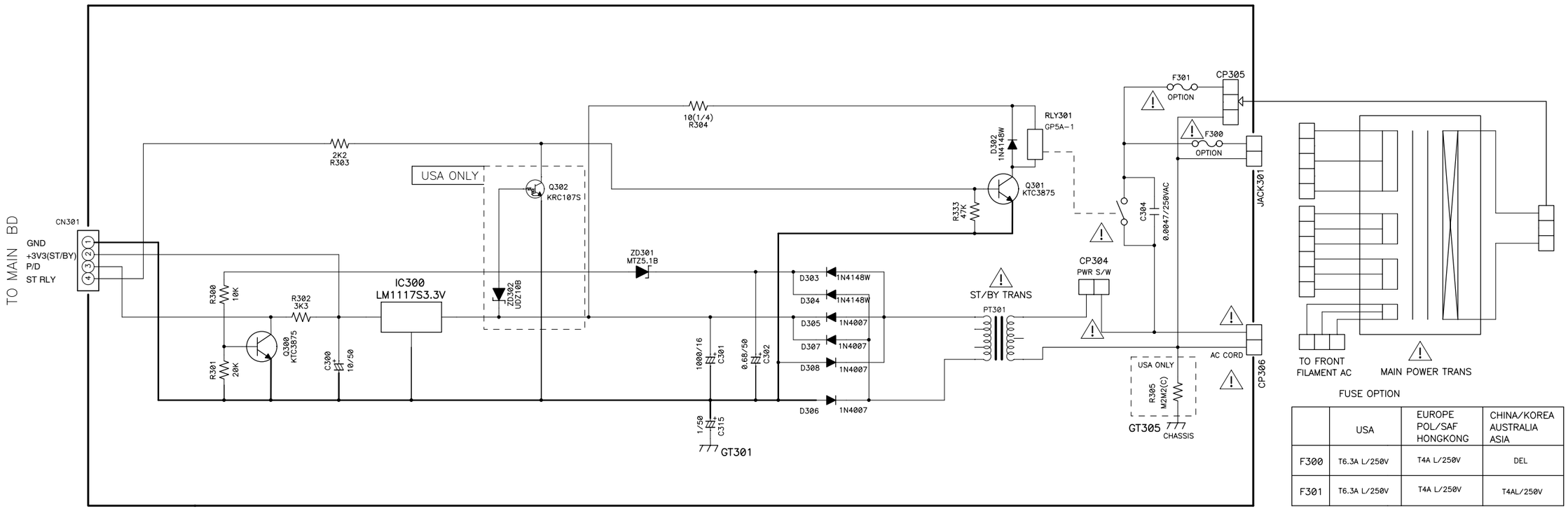
PCB6 (HDMI)



SCHEMATIC DIAGRAMS (VIII)

Model No. : RD-7502

PCB7 (ST-BY)

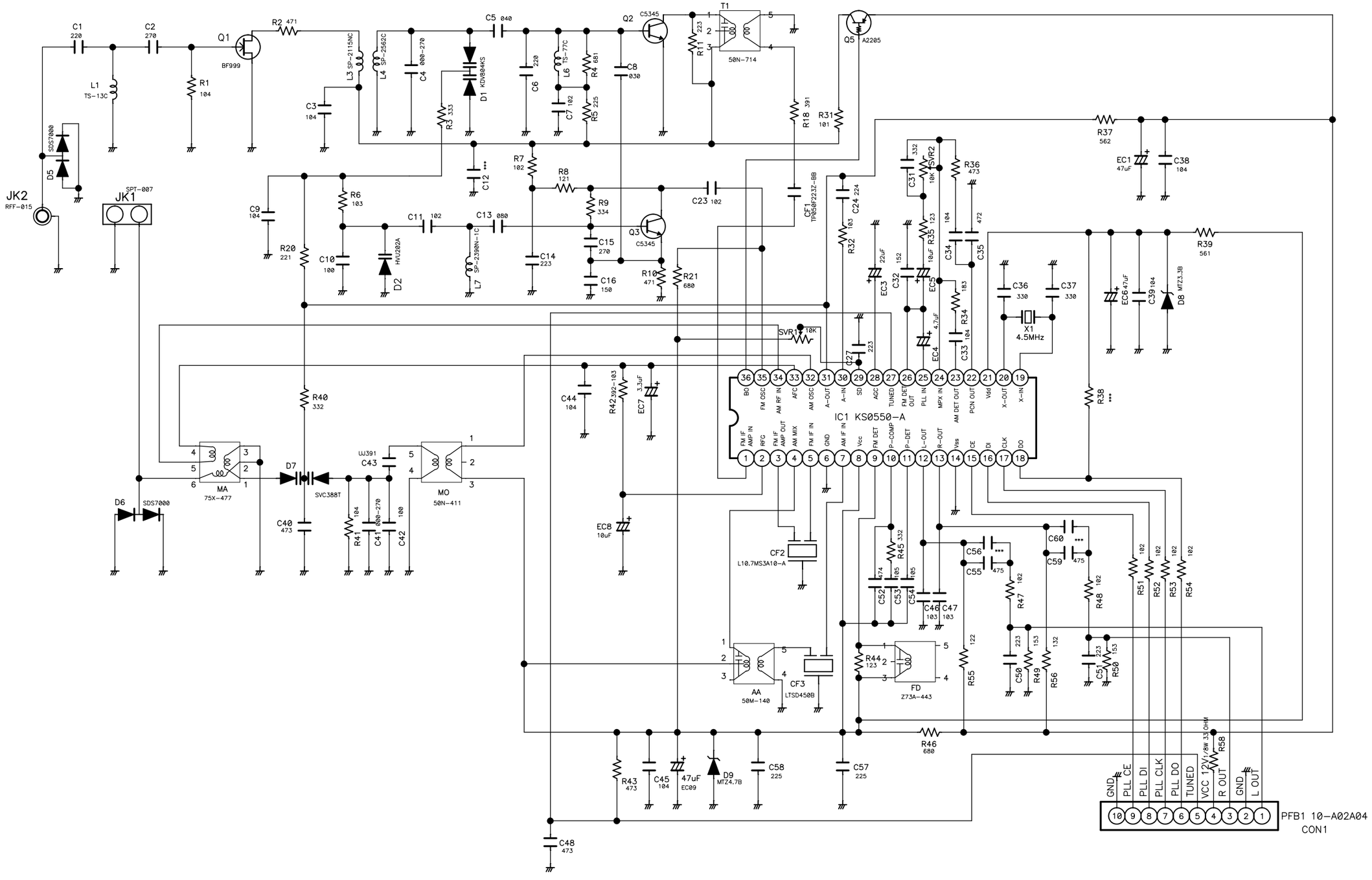


	USA	EUROPE POL/SAF HONGKONG	CHINA/KOREA AUSTRALIA ASIA
F300	T6.3A L/250V	T4A L/250V	DEL
F301	T6.3A L/250V	T4A L/250V	T4AL/250V

SCHEMATIC DIAGRAMS (IX)

Model No. : RD-7502

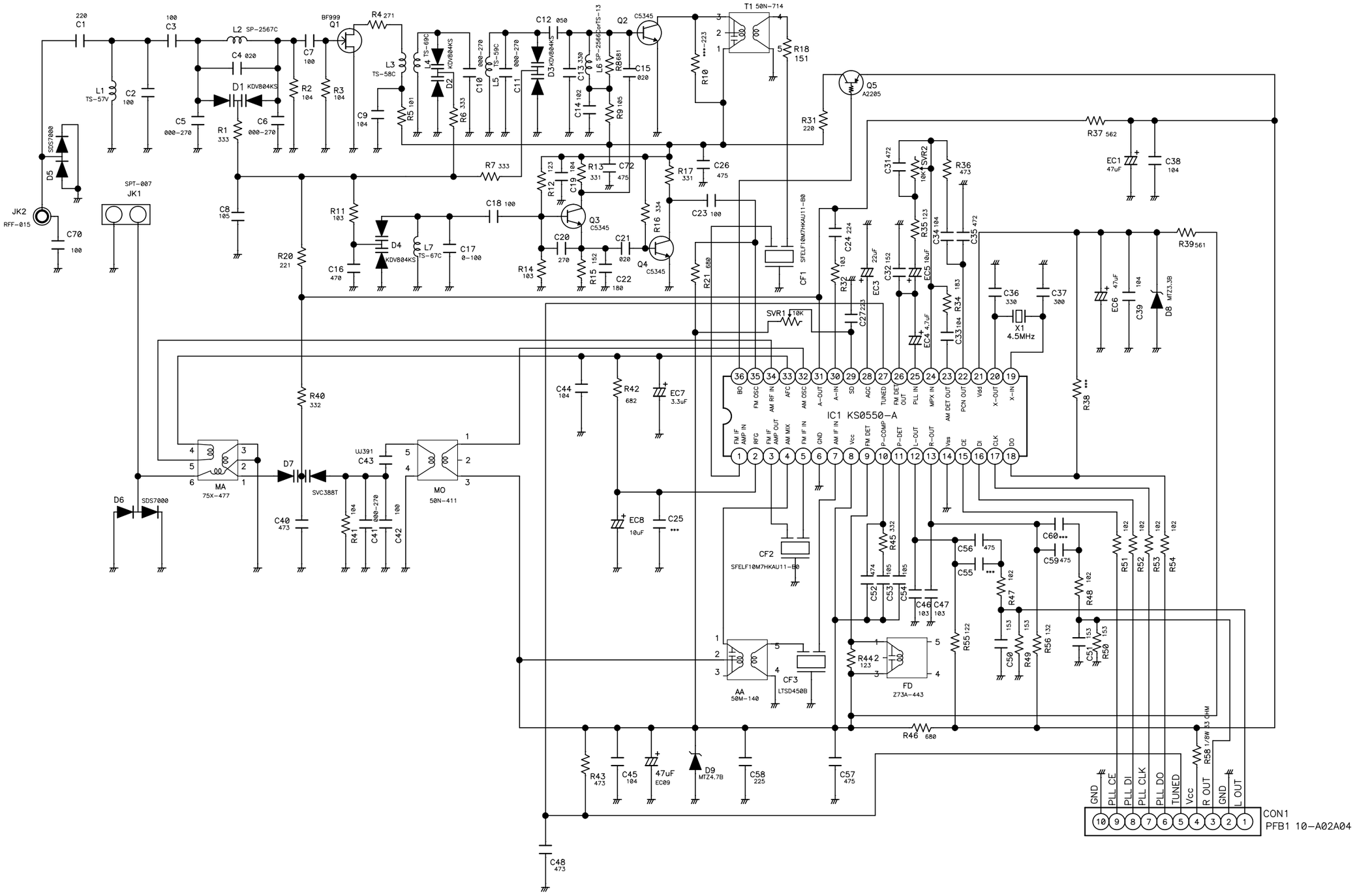
TUNER ASS'Y(A ONLY)



SCHEMATIC DIAGRAMS (X)

Model No. : RD-7502

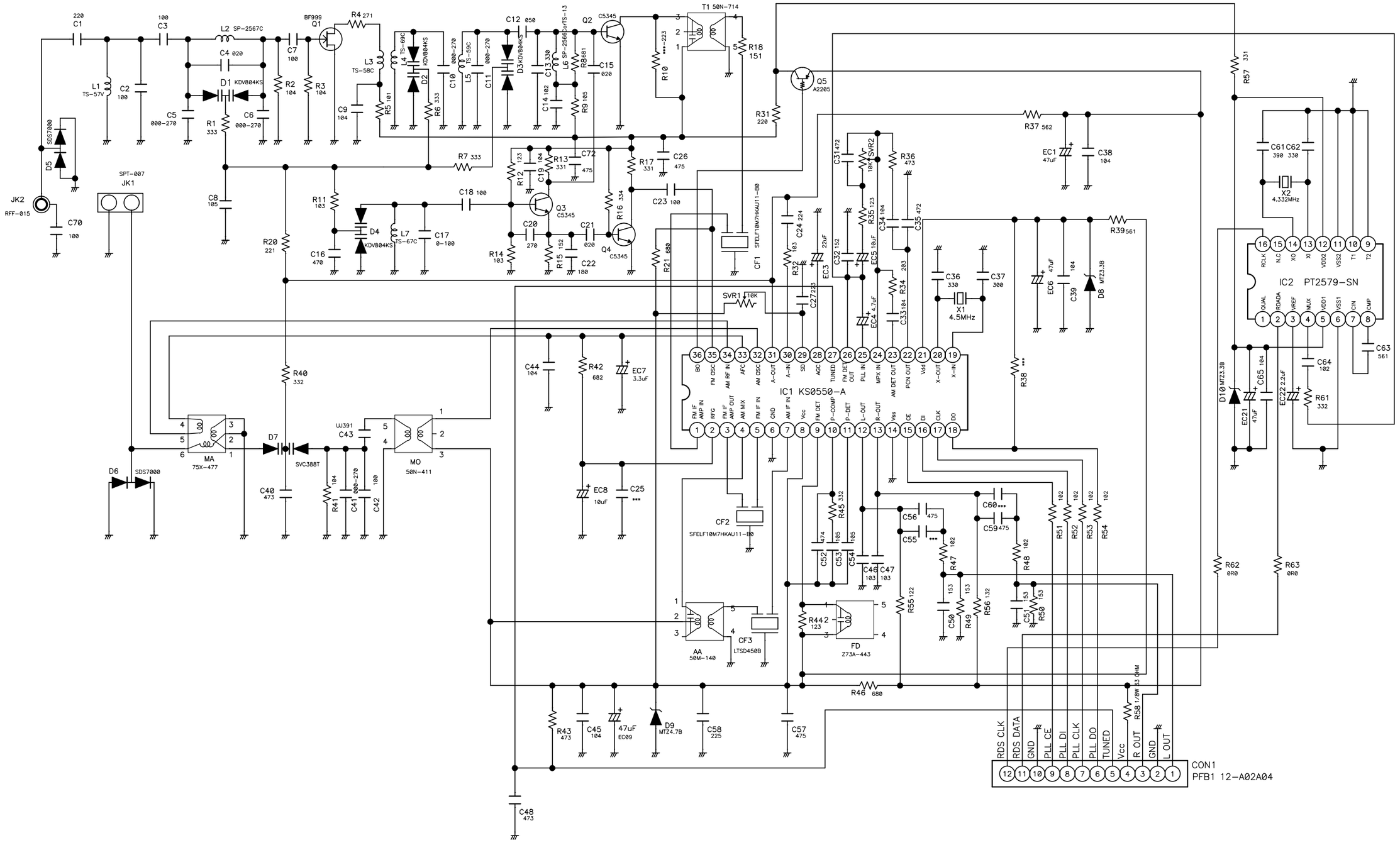
TUNER ASS'Y(E/K ONLY)



SCHEMATIC DIAGRAMS (XI)

Model No. : RD-7502

TUNER ASS'Y(RDS ONLY)



07K02

Printed in Korea
5737045830010