

SN : 9CD8304100

Service Manual

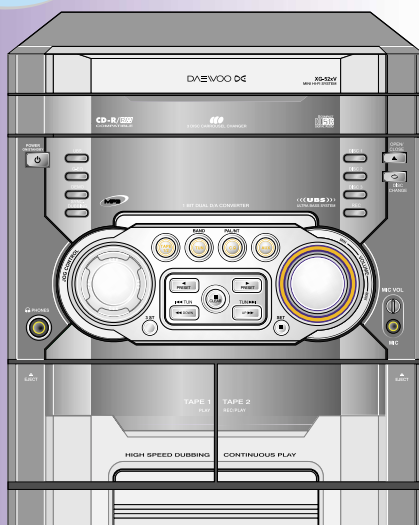
Model : XG-52x[VI]K[] Series

XG-53x[VI]K[] Series

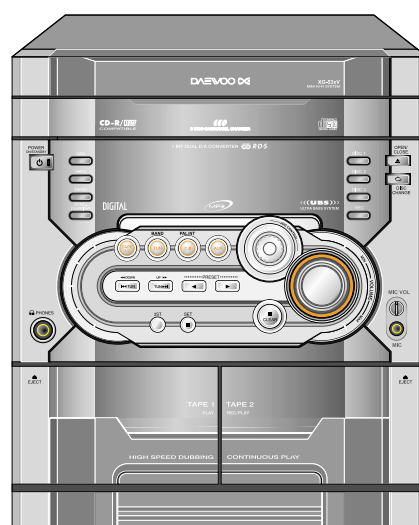
XW-52x[K] Series

XW-53x[K] Series

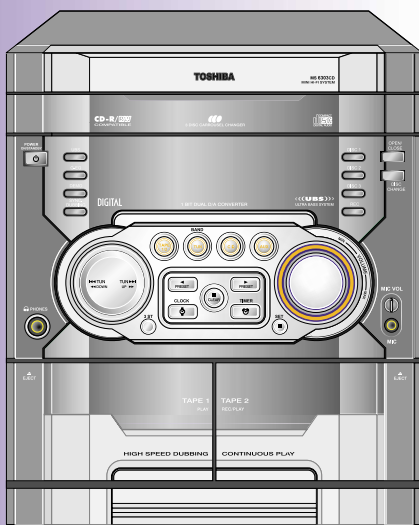
XG-52x[VI]K[] Series



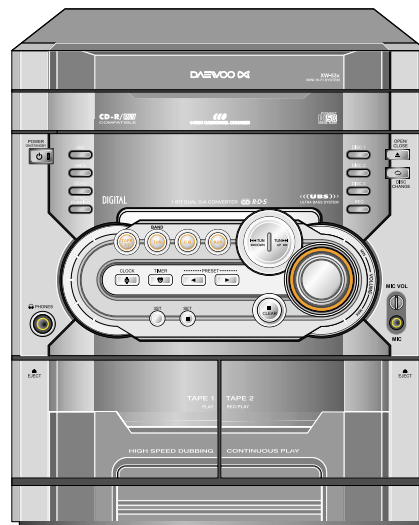
XG-53x[VI]K[] Series



XW-52x[K] Series



XW-53x[K] Series



DAEWOO DAT CO., LTD.

JUN. 2005

DIGITAL ADVANCED TECHNOLOGY

**Mini component sound system
with CD-R/RW/MP3/Video CD playback**
XG-522(V)/524(V)(K)/525(V)(K)/526(V)(K)/527(V)(K)/528(V)(K)
XG-532(V)/534(V)(K)/535(V)(K)/536(V)(K)/537(V)(K)/538(V)(K)

**Mini component sound system
with CD-R/RW playback**
XW-522/524(K)/525(K)/526(K)/527(K)/528(K)
XW-532/534(K)/535(K)/536(K)/537(K)/538(K)

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Safety Precautions

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

	CAUTION RISK OF ELECTRIC SHOCKS DO NOT OPEN	
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		
	THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.	
	THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.	

CAUTION

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

LASER SAFETY

THIS UNIT EMPLOYS A LASER. ONLY QUALIFIED SERVICE PERSONNEL SHOULD REMOVE THE COVER OR ATTEMPT TO SERVICE THIS DEVICE DUE TO POSSIBLE EYE INJURY.

CAUTION : USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION : TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

ATTENTION : POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

Important Safety Instructions

- All the safety and operating instructions should be read before the appliance is operated.
 - The safety and operating instructions should be retained for future reference.
 - All warnings on the appliance and in the operating instructions should be adhered to.
 - All operating and use instructions should be followed.
1. Water and Moisture - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink,

laundry tub, in a wet basement, or near a swimming pool, and the like.

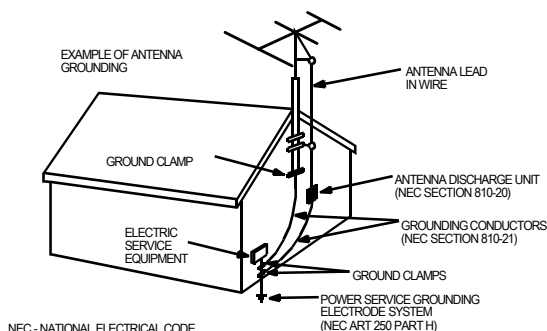
PORTABLE CART



Figure 2

2. Carts and Stands - The appliance should be used only with a cart or stand that is recommended by the manufacturer.
3. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
4. Wall or Ceiling Mounting - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
5. Ventilation - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
6. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
7. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
8. Grounding or Polarization - The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.
9. Power - Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
10. Protective Attachment Plug - If the appliance is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.
11. Cleaning - The appliance should be cleaned only as recommended by the manufacturer.
12. Power Lines - An outdoor antenna should be located away from power lines.

13. Outdoor Antenna Grounding - If an outside antenna is connected to the receiver be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes and requirements for the grounding electrode. See Figure 1.



14. Non-use Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

15. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

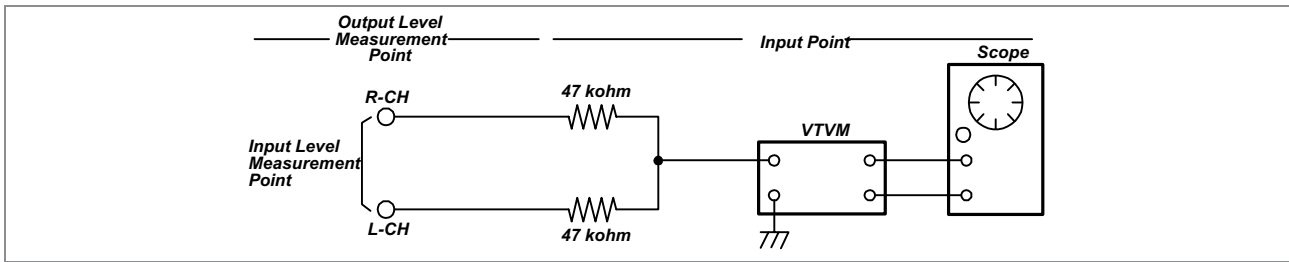
16. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:

- a) The power-supply cord or the plug has been damaged; or
- b) Objects have fallen, or liquid has been spilled into the appliance; or
- c) The appliance has been exposed to rain; or
- d) The appliance does not appear to operate normally or exhibits a marked change in performance; or
- e) The appliance has been dropped, or the enclosure damaged.

17. Servicing - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

Adjustments

● TAPE SECTION



Test Tape be used

Tape	Contents	Use
MTT-111N	3 KHz	Tape Speed Adjustment
MTT-114N	10 KHz	Head Azimuth Adjustment
MTT-5511/	Blank	Record Frequency Property

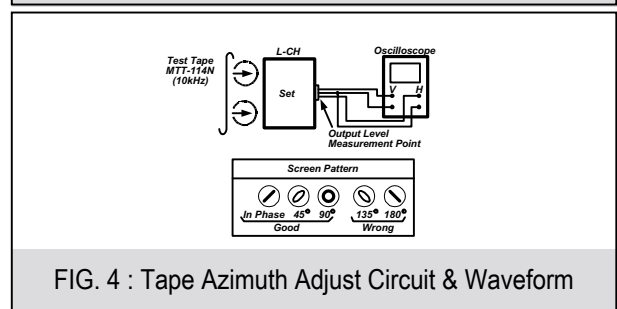
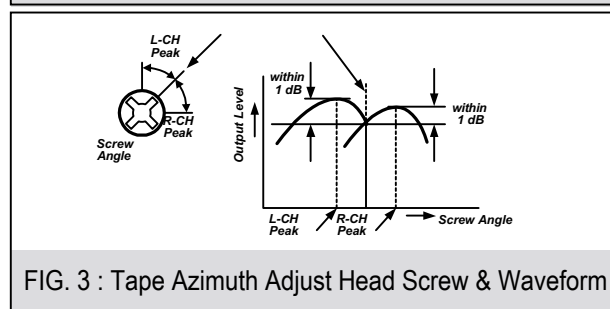
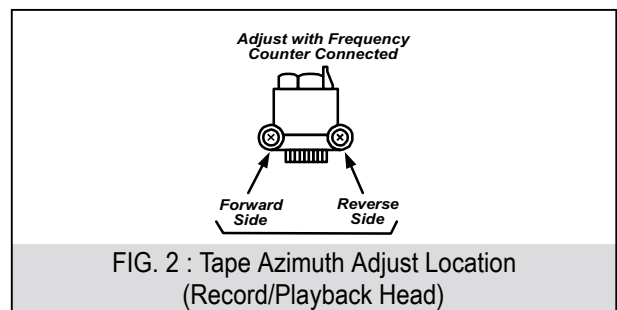
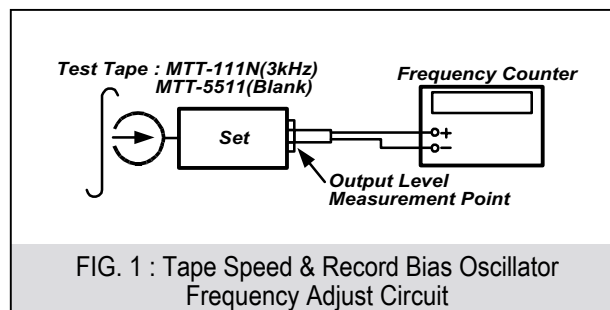
HEAD ADJUSTMENT (AZIMUTH)

- 10KHz test tape(example: MTT-114N) must be used for this adjustment.
- Connect to VTVM or oscilloscope to the headphone jack or speaker terminal.
- Press the play button.
- Adjust the azimuth by using a screw driver to maintain the max. L&R output voltage.
- Adjust tape A(1), tape B(2) respectively, Please secure the azimuth position by using locking paint.

RECORDING BIAS OSCILLATOR FREQUENCY ADJUSTMENT

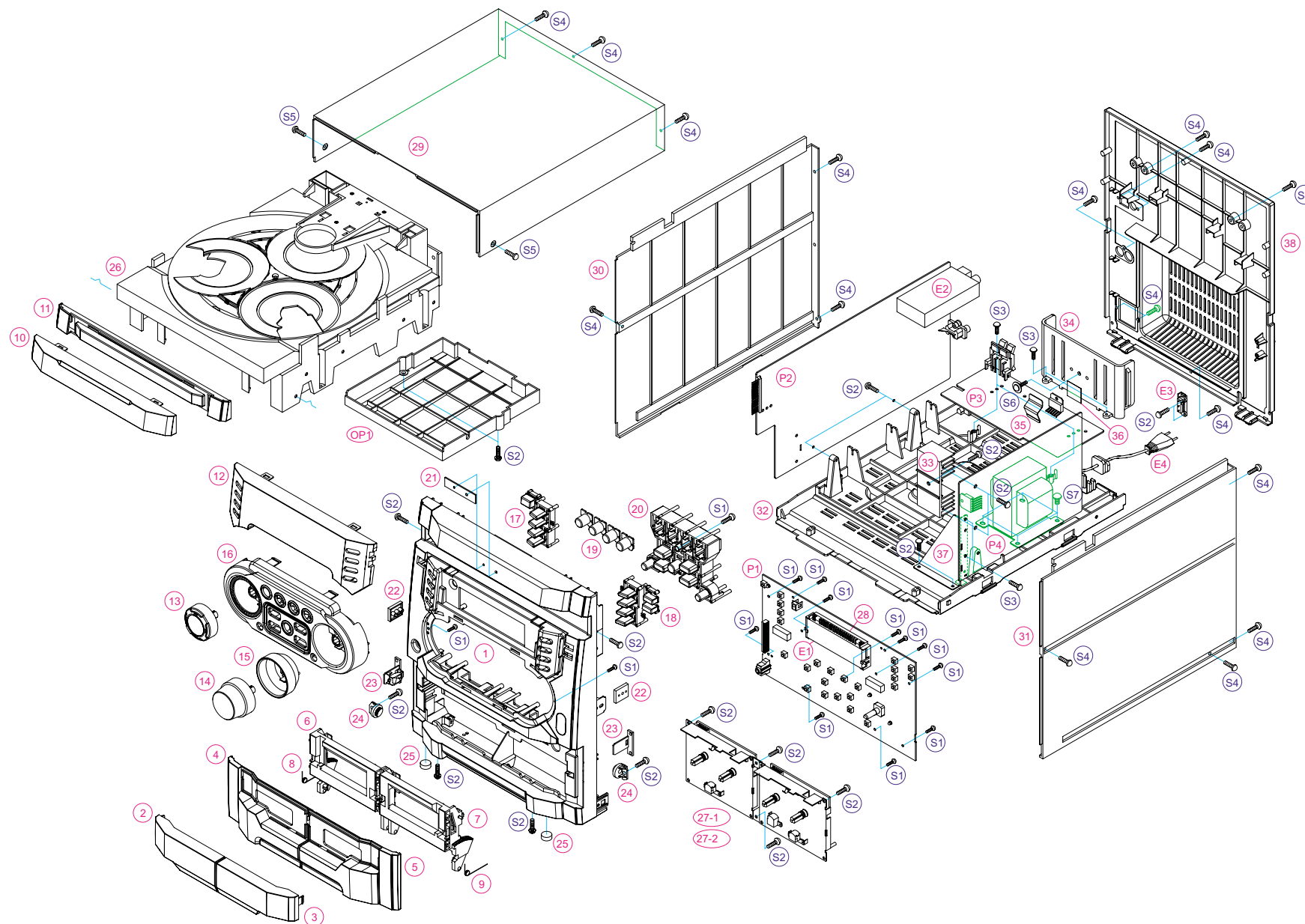
- Connect the frequency counter to TP603, GND.
- Press the REC button.
- Adjust L600 to obtain 80 KHz $\pm$ 500Hz

TAPE ALIGNMENT CHART								
Step	Item		Reference Value	Test Tape	Adjust Point	Test Point	Note	FIG.
1	Tape Speed Adjustment	Normal	3,015~3,025Hz	MTT-111N	RV600	Line Out L/R Channel	Confirm Wow & Flutter is within 0.35%	FIG.1
			3,000~3,010Hz	MTT-111N	RV600	Line Out L/R Channel	Confirm Tape Speed of end position after adjustment at tape start position	FIG.1
		High	5,820~6,180Hz	MTT-111N	-----	Line Out L/R Channel	Confirm High speed after normal speed adjustment	FIG.1
2	Azimuth Adjustment		Maximum Level Phase:Within90∞	MTT-114N	Head Screw	Line Out L/R Channel		FIG.2,3,4
3	Recording Bias Oscillator Frequency Adjustment		80 KHz±0.5	MTT-5511	L600	TP603,GND	Adjust with frequency counter connected.	FIG.1



Exploded View and Mechanical Parts List

● XG-522[V] Model Only

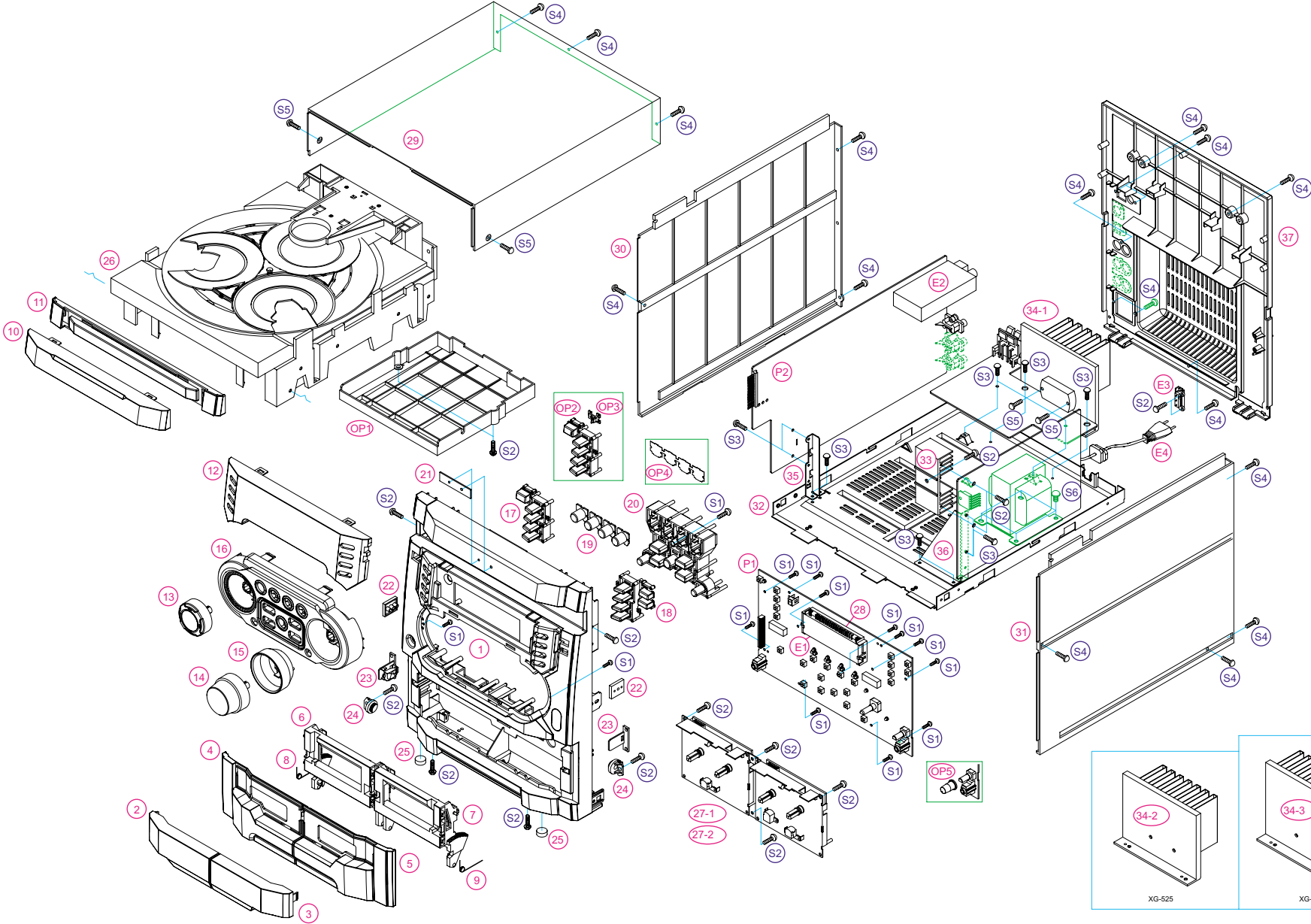


Exploded View and Mechanical Parts List

NO	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
1	PANEL FRONT	9CD0313700	HIPS, SPRAY	1	
2	WINDOW DOOR "A"	9CD16224A0	ACRYL,SMOG	1	
3	WINDOW DOOR "B"	9CD16224B0	ACRYL,SMOG	1	
4	DOOR COVER "A"	9CD18151A0	HIPS,SPRAY	1	
5	DOOR COVER "B"	9CD18151B0	HIPS,SPRAY	1	
6	DOOR FRAME "A"	9CD18113A0	MIPS	1	
7	DOOR FRAME "B"	9CD18113B0	MIPS	1	
8	SRING DOOR EJECT L	9CD30080L0	STS 0.9	1	
9	SRING DOOR EJECT R	9CD30080R0	STS 0.9	1	
10	WINDOW CD DOOR	9CD1622500	ACRYL,SMOG	1	
11	DOOR CD	9CD1815200	HIPS,SPRAY	1	
12	WINDOW FLT	9CD1622300	ACRYL,SMOG	1	
13	KNOB JOG	9CD1355100	HIPS,SPRAY	1	
14	KNOB VOLUME	9CD1354100	ABS, CR COATING	1	ELECTRO FORMING
15	RING DECO VOL	9CD1006600	ACRYL,SPRAY	1	
16	PANEL CONTROL	9CD0313800	HIPS,SPRAY	1	
17	KNOB POWER	9CD1353600	HIPS,SPRAY	1	
18	KNOB OPEN	9CD1353700	HIPS,SPRAY	1	
19	KNOB FUNCTION	9CD1353500	ACRYL	1	
20	KNOB CONTROL	9CD1353400	HIPS,SPRAY	1	
21	BADGE BRAND		ABS / AL	1	
22	BRKT SIDE	9CD2412900	ABS	2	
23	LOCKER AS	9CDOB014/15/16	BASE / CAM / SPRING	2	
24	DAMPER GEAR AS	9CD2603200/300	DAMPER GEAR / BASE	2	
25	CUSHION FOOT	9CD4207700	URETHANE D10*4.0T	2	
26	CD DECK MECHA	9CD6012900	DCC-01A	1	
27-1	CASSETTE DECK LOGIC	9CD6011500		1	KOMI DECK (A/S)
27-2	CASSETTE DECK LOGIC	9CD6010000		1	PIGEON DECK (A/S)
28	GUIDE FLT	9CD2506500	HIPS	1	
29	COVER TOP	9CD0411400	HIPS	1	
30	COVER SIDE "L"	9CD04177L0	HIPS	1	
31	COVER SIDE "R"	9CD04177R0	HIPS	1	
32	CHASSIS BOTTOM	9CD0611000	HIPS	1	
33	HEATSINK PW	9CD4409700	AL	1	
34	HEATSINK 10	9CD4409300	AL	1	
35	BRACKET HEAT TR	9CD2413900	AL	1	
36	PLATE MICA 'A'	9CD0910600		1	
37	BRKT PCB D	9CD2417800	SECC	1	
38	COVER BACK	9CD0417600	HIPS	1	
OP1	COVER 3CD	9CD0417800	HIPS	1	OPTION SEMP TOSHIBA
S1	SCREW TAPTITE	7173261011	TT2BIN 2.6*10 MFZN	14	
S2	SCREW TAPTITE	7173301011	TT2 BIN 3*10 MFZN	21	
S3	SCREW TAPTITE	7173300812	TT2 BIN 3*8 MFZN	6	
S4	SCREW TAPTITE	7173301212	TT2 BIN 3*12 BK	18	
S5	SCREW TAPTITE	7173301612	TT2 BIN 3*16 BK	2	
S6	WASHER SCREW	9CD3102401	TT2 BIN 3.0 X 8 + D12	1	
S7	SCREW TAPTITE	7173401011	TT2 BIN 4*10 MFZN	4	
P1	PCB FRONT	9CD6596300		1	
P2	PCB MAIN	9CD6598100		1	
P3	PCB AMP	9CD6598200		1	
P4	PCB POWER	9CD6598400		1	
E1	FLT			1	
E2	TUNER MODULE			1	
E3	VOLTAGE SELECTOR			1	
E4	AC CODE			1	

Exploded View and Mechanical Parts List

● XG-524[V][K]/525[V][K]/526[V][K] Models Only

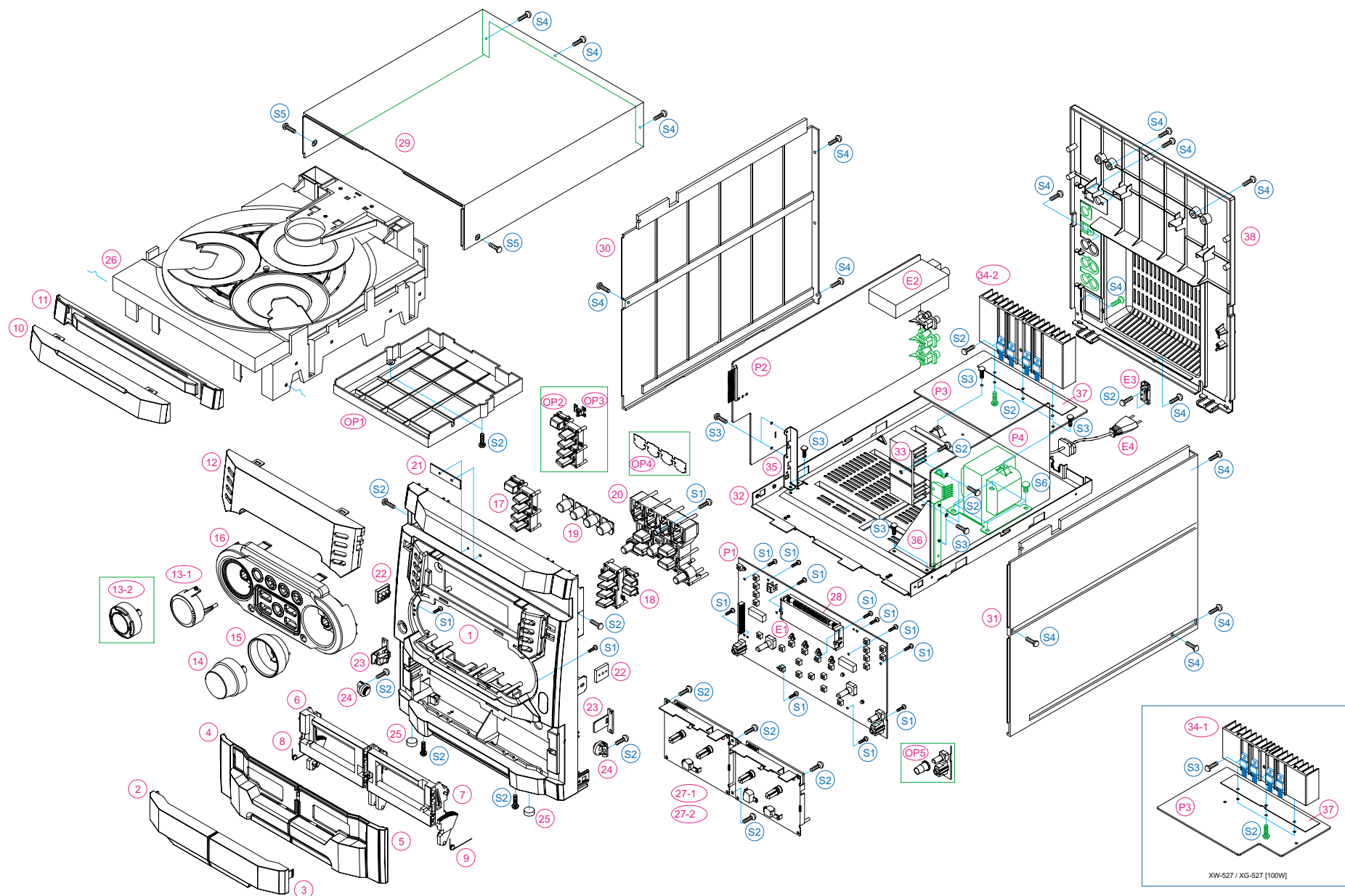


Exploded View and Mechanical Parts List

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1	PANEL FRONT	9CD0313700	HIPS, SPRAY	1	
2	WINDOW DOOR "A"	9CD16224A0	ACRYL, SMOG	1	
3	WINDOW DOOR "B"	9CD16224B0	ACRYL, SMOG	1	
4	DOOR COVER "A"	9CD18151A0	HIPS, SPRAY	1	
5	DOOR COVER "B"	9CD18151B0	HIPS, SPRAY	1	
6	DOOR FRAME "A"	9CD18113A0	MIPS	1	
7	DOOR FRAME "B"	9CD18113B0	MIPS	1	
8	SRING DOOR EJECT L	9CD30080L0	STS 0.9	1	
9	SRING DOOR EJECT R	9CD30080R0	STS 0.9	1	
10	WINDOW CD DOOR	9CD1622500	ACRYL, SMOG	1	
11	DOOR CD	9CD1815200	HIPS, SPRAY	1	
12	WINDOW FLT	9CD1622300	ACRYL, SMOG	1	
13	KNOB JOG	9CD1355100	HIPS, SPRAY	1	
14	KNOB VOLUME	9CD1354100	ABS, CR COATING	1	ELECTRO FORMING
15	RING DECO VOL	9CD1006600	ACRYL, SPRAY	1	
16	PANEL CONTROL	9CD0313800	HIPS, SPRAY	1	
17	KNOB POWER	9CD1353600	HIPS, SPRAY	1	
18	KNOB OPEN	9CD1353700	HIPS, SPRAY	1	
19	KNOB FUNCTION	9CD1353500	ACRYL	1	
20	KNOB CONTROL	9CD1353400	HIPS, SPRAY	1	
21	BADGE BRAND		ABS / AL	1	
22	BRKT SIDE	9CD2412900	ABS	2	
23	LOCKER AS	9CDOB014/15/16	BASE / CAM / SPRING	2	
24	DAMPER GEAR AS	9CD2603200/300	DAMPER GEAR / BASE	2	
25	CUSHION FOOT	9CD4207700	URETHANE D10*4.0T	2	
26	CD DECK MECHA	9CD6012900	DCC-01A	1	
27-1	CASSETTE DECK LOGIC	9CD6011500		1	KOMI DECK (A/S)
27-2	CASSETTE DECK LOGIC	9CD6010000		1	PIGEON DECK (A/S)
28	GUIDE FLT	9CD2506500	HIPS	1	
29	COVER TOP	9CD0411400	HIPS	1	
30	COVER SIDE "L"	9CD04177L0	HIPS	1	
31	COVER SIDE "R"	9CD04177R0	HIPS	1	
32	CHASSIS BOTTOM	9CD0611400	SECC	1	
33	HEATSINK PW	9CD4409700	AL	1	
34-1	HEATSINK 30	9CD4409400	AL	1	XG-524
34-2	HEATSINK 50	9CD4409500	AL	1	XG-525
34-3	HEATSINK 70	9CD4409600	AL	1	XG-526
35	BRKT PCB C	9CD2414500	SECC	2	
36	BRKT PCB D	9CD2417800	SECC	1	
37	COVER BACK	9CD0417600	HIPS	1	
OP1	COVER 3CD	9CD0417800	HIPS	1	OPTION SEMP TOSHIBA
OP2	KNOB POWER	9CD1354800	HIPS, SPRAY	1	OPTION STANDBY LED
OP3	LENS POWER	9CD1622600	ACRYL, MILKY	1	OPTION STANDBY LED
OP4	FUNCTION PLATE	9CD0913800	PC T0.15	1	OPTION FUNCTION LED
OP5	KNOB MIC	9CD1354900	HIPS, SPRAY	1	OPTION MIC
S1	SCREW TAPTITE	7173261011	TT2BIN 2.6*10 MFZN	14	
S2	SCREW TAPTITE	7173301011	TT2 BIN 3*10 MFZN	17	
S3	SCREW TAPTITE	7173301612	TT2 BIN 3*6 MFZN	12	
S4	SCREW TAPTITE	7173301212	TT2 BIN 3*12 BK	18	
S5	SCREW TAPTITE	7173301612	TT2 BIN 3*16 BK	4	
S6	SCREW TAPTITE	7173400611	TT2 BIN 4*6 MFZN	4	
P1	PCB FRONT	9CD6596300		1	
P2	PCB MAIN	9CD6598100		1	
P3	PCB AMP	9CD6598200		1	
P4	PCB POWER	9CD6598400		1	
E1	FLT			1	
E2	TUNER MODULE			1	
E3	VOLTAGE SELECTOR			1	
E4	AC CODE			1	

Exploded View and Mechanical Parts List

● XG-527[V][K]/528[V][K]/XW-527[K]/528[K] Models Only



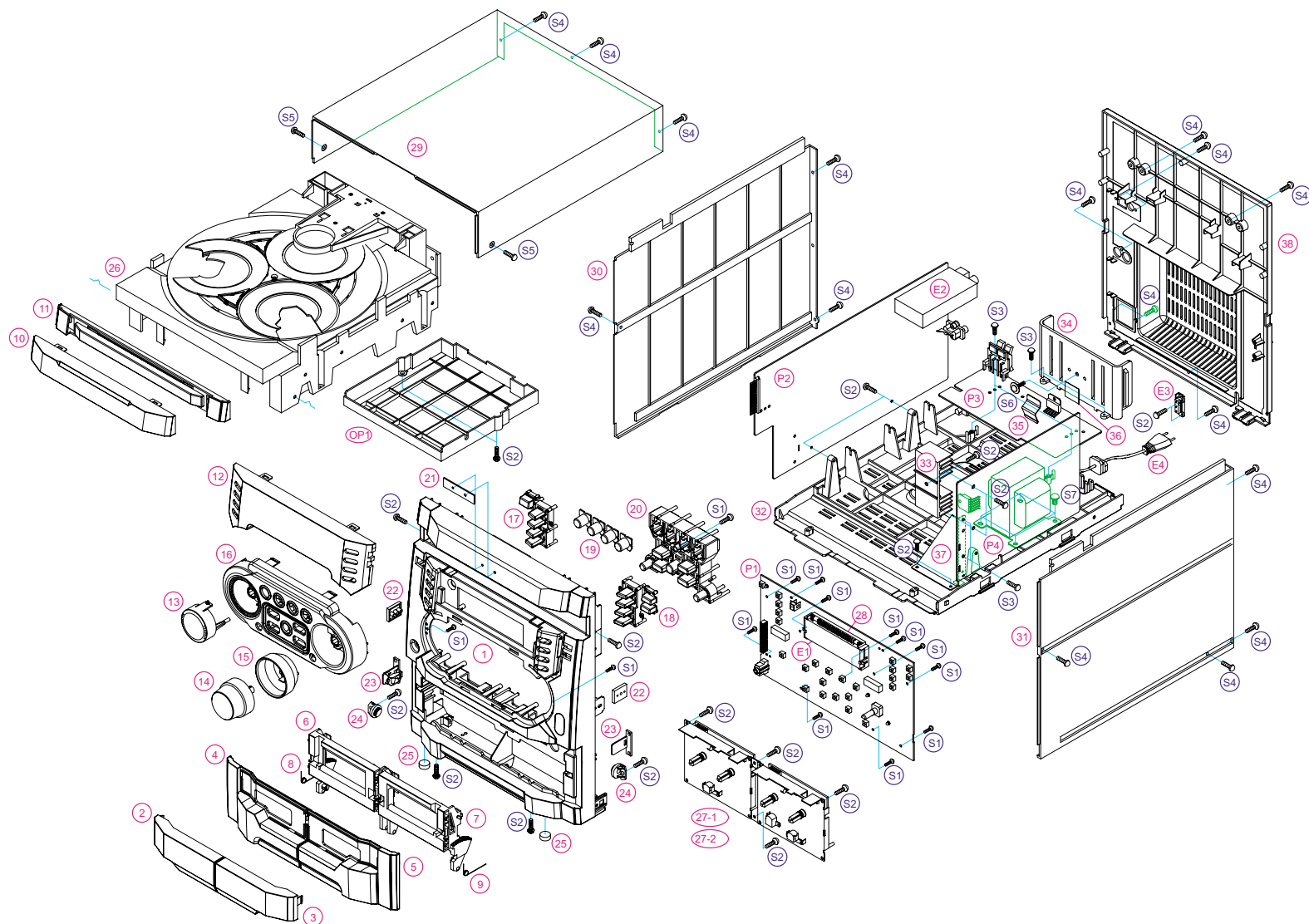
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1	PANEL FRONT	9CD0313700	HIPS, SPRAY	1	
2	WINDOW DOOR "A"	9CD16224A0	ACRYL, SMOG	1	
3	WINDOW DOOR "B"	9CD16224B0	ACRYL, SMOG	1	
4	DOOR COVER "A"	9CD18151A0	HIPS, SPRAY	1	
5	DOOR COVER "B"	9CD18151B0	HIPS, SPRAY	1	
6	DOOR FRAME "A"	9CD18113A0	MIPS	1	
7	DOOR FRAME "B"	9CD18113B0	MIPS	1	
8	SRING DOOR EJECT L	9CD30080L0	STS 0.9	1	
9	SRING DOOR EJECT R	9CD30080R0	STS 0.9	1	
10	WINDOW CD DOOR	9CD1622500	ACRYL, SMOG	1	
11	DOOR CD	9CD1815200	HIPS, SPRAY	1	
12	WINDOW FLT	9CD1622300	ACRYL, SMOG	1	
13-1	KNOB TUNE	9CD1354000	HIPS, SPRAY	1	XW-527/528
13-2	KNOB JOG	9CD1355100	HIPS, SPRAY	1	XG-527/528
14	KNOB VOLUME	9CD1354100	ABS, CR COATING	1	
15	RING DECO VOL	9CD1006600	ACRYL, SPRAY	1	
16	PANEL CONTROL	9CD0313800	HIPS, SPRAY	1	
17	KNOB POWER	9CD1353600	HIPS, SPRAY	1	
18	KNOB OPEN	9CD1353700	HIPS, SPRAY	1	
19	KNOB FUNCTION	9CD1353500	ACRYL	1	
20	KNOB CONTROL	9CD1353400	HIPS, SPRAY	1	
21	BADGE BRAND		ABS / AL	1	
22	BRKT SIDE	9CD2412900	ABS	2	
23	LOCKER AS	9CDOB014/15/16	BASE / CAM / SPRING	2	
24	DAMPER GEAR AS	9CD2603200/300	DAMPER GEAR / BASE	2	
25	CUSHION FOOT	9CD4207700	URETHANE D10*4.0T	2	
26	CD DECK MECHA	9CD6012900	DCC-01A	1	
27-1	CASSETTE DECK LOGIC	9CD6011500		1	KOMI DECK (A/S)
27-2	CASSETTE DECK LOGIC	9CD6010000		1	PIGEON DECK (A/S)
28	GUIDE FLT	9CD2506500	HIPS	1	
29	COVER TOP	9CD0411400	HIPS	1	
30	COVER SIDE "L"	9CD04177L0	HIPS	1	
31	COVER SIDE "R"	9CD04177R0	HIPS	1	
32	CHASSIS BOTTOM	9CD0611400	SECC	1	
33	HEATSINK PW	9CD4409700	AL	1	
34-1	HEATSINK AMP 100	9CD4410500	AL H=40mm	1	XW-527 / XG-527
34-2	HEATSINK AMP 150	9CD4410400	AL H=60mm	1	XW-528 / XG-528
35	BRKT PCB C	9CD2414500	SECC	2	
36	BRKT PCB D	9CD2417800	SECC	1	
37	PLATE PCB AMP	9CD0914600	PC T0.5	1	
38	COVER BACK	9CD0417600	HIPS	1	
OP1	COVER 3CD	9CD0417800	HIPS	1	OPTION SEMP TOSHIBA
OP2	KNOB POWER	9CD1354800	HIPS, SPRAY	1	OPTION STANDBY LED
OP3	LENS POWER	9CD1622600	ACRYL, MILKY	1	OPTION STANDBY LED
OP4	FUNCTION PLATE	9CD0913800	PC T0.15	1	OPTION FUNCTION LED
OP5	KNOB MIC	9CD1354900	HIPS, SPRAY	1	OPTION KARAOKE

NO	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
S1	SCREW TAPTITE	7173261011	TT2BIN 2.6*10 MFZN	14	
S2	SCREW TAPTITE	7173301011	TT2 BIN 3*10 MFZN	24	
S3	SCREW TAPTITE	7173301612	TT2 BIN 3*6 MFZN	10	
S4	SCREW TAPTITE	7173301212	TT2 BIN 3*12 BK	18	
S5	SCREW TAPTITE	7173301612	TT2 BIN 3*16 BK	2	
S6	SCREW TAPTITE	7173400611	TT2 BIN 4*6 MFZN	4	
P1	PCB FRONT	9CD6596300		1	
P2	PCB MAIN	9CD6598100		1	
P3	PCB AMP	9CD6500600		1	
P4	PCB POWER	9CD6598400		1	
E1	FLT			1	
E2	TUNER MODULE			1	
E3	VOLTAGE SELECTOR			1	
E4	AC CODE			1	

Exploded View and Mechanical Parts List

● XW-522 Model Only

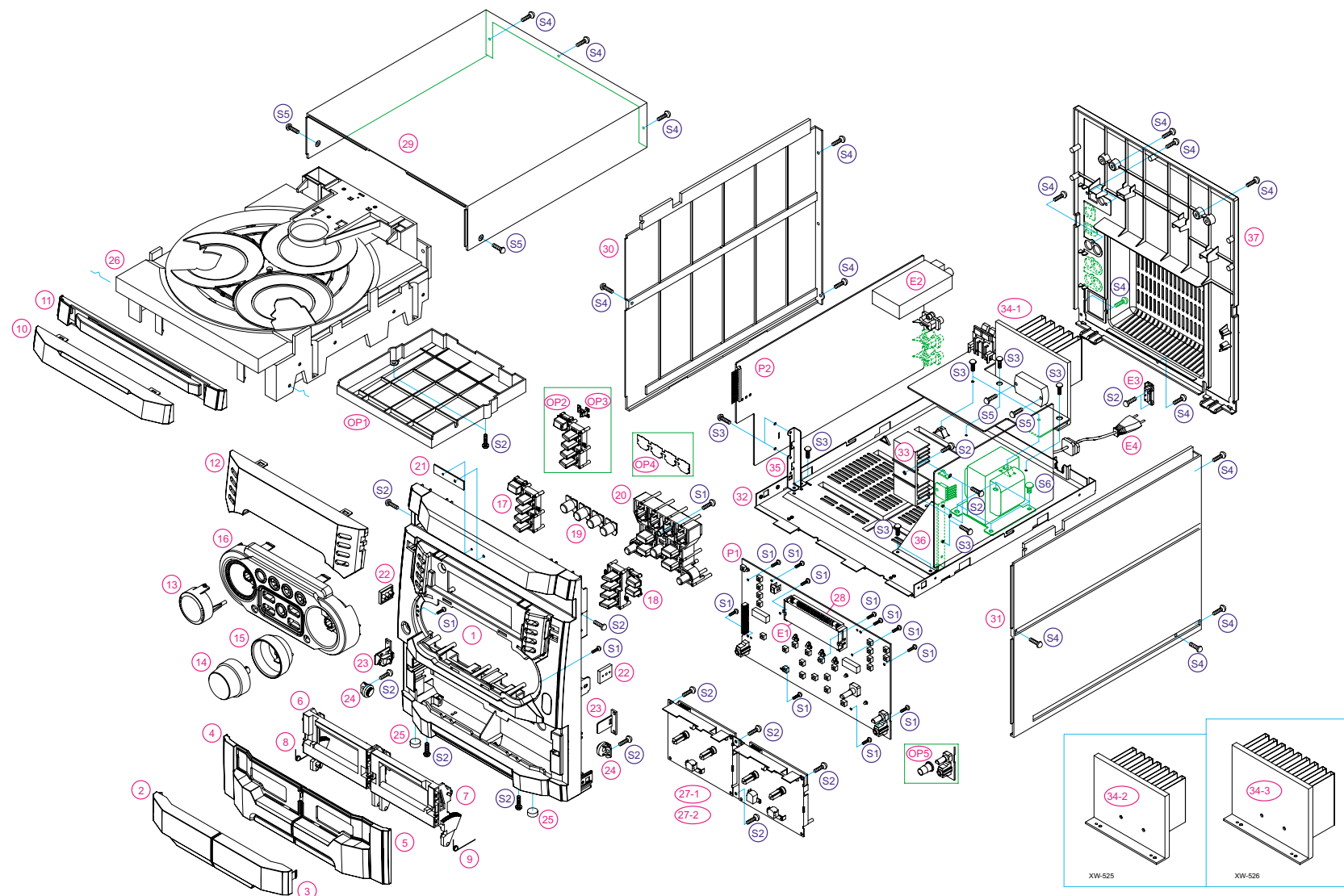


Exploded View and Mechanical Parts List

NO	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
1	PANEL FRONT	9CD0313700	HIPS, SPRAY	1	
2	WINDOW DOOR "A"	9CD16224A0	ACRYL, SMOG	1	
3	WINDOW DOOR "B"	9CD16224B0	ACRYL, SMOG	1	
4	DOOR COVER "A"	9CD18151A0	HIPS, SPRAY	1	
5	DOOR COVER "B"	9CD18151B0	HIPS, SPRAY	1	
6	DOOR FRAME "A"	9CD18113A0	MIPS	1	
7	DOOR FRAME "B"	9CD18113B0	MIPS	1	
8	SRING DOOR EJECT L	9CD30080L0	STS 0.9	1	
9	SRING DOOR EJECT R	9CD30080R0	STS 0.9	1	
10	WINDOW CD DOOR	9CD1622500	ACRYL, SMOG	1	
11	DOOR CD	9CD1815200	HIPS, SPRAY	1	
12	WINDOW FLT	9CD1622300	ACRYL, SMOG	1	
13	KNOB TUNE	9CD1354000	HIPS, SPRAY	1	
14	KNOB VOLUME	9CD1354100	ABS, CR COATING	1	ELECTRO FORMING
15	RING DECO VOL	9CD1006600	ACRYL, SPRAY	1	
16	PANEL CONTROL	9CD0313800	HIPS, SPRAY	1	
17	KNOB POWER	9CD1353600	HIPS, SPRAY	1	
18	KNOB OPEN	9CD1353700	HIPS, SPRAY	1	
19	KNOB FUNCTION	9CD1353500	ACRYL	1	
20	KNOB CONTROL	9CD1353400	HIPS, SPRAY	1	
21	BADGE BRAND		ABS / AL	1	
22	BRKT SIDE	9CD2412900	ABS	2	
23	LOCKER AS	9CDOB014/15/16	BASE / CAM / SPRING	2	
24	DAMPER GEAR AS	9CD2603200/300	DAMPER GEAR / BASE	2	
25	CUSHION FOOT	9CD4207700	URETHANE D10*4.0T	2	
26	CD DECK MECHA	9CD6012900	DCC-01A	1	
27-1	CASSETTE DECK LOGIC	9CD6011500		1	KOMI DECK (A/S)
27-2	CASSETTE DECK LOGIC	9CD6010000		1	PIGEON DECK (A/S)
28	GUIDE FLT	9CD2506500	HIPS	1	
29	COVER TOP	9CD0411400	HIPS	1	
30	COVER SIDE "L"	9CD04177L0	HIPS	1	
31	COVER SIDE "R"	9CD04177R0	HIPS	1	
32	CHASSIS BOTTOM	9CD0611000	HIPS	1	
33	HEATSINK PW	9CD4409700	AL	1	
34	HEATSINK 10	9CD4409300	AL	1	
35	BRACKET HEAT TR	9CD2413900	AL	1	
36	PLATE MICA "A"	9CD0910600		1	
37	BRKT PCB D	9CD2417800	SECC	1	
38	COVER BACK	9CD0417600	HIPS	1	
OP1	COVER 3CD	9CD0417800	HIPS	1	OPTION SEMP TOSHIBA
S1	SCREW TAPTITE	7173261011	TT2BIN 2.6*10 MFZN	14	
S2	SCREW TAPTITE	7173301011	TT2 BIN 3*10 MFZN	21	
S3	SCREW TAPTITE	7173300812	TT2 BIN 3*8 MFZN	6	
S4	SCREW TAPTITE	7173301212	TT2 BIN 3*12 BK	18	
S5	SCREW TAPTITE	7173301612	TT2 BIN 3*16 BK	2	
S6	WASHER SCREW	9CD3102401	TT2 BIN 3.0 X 8 + D12	1	
S7	SCREW TAPTITE	7173401011	TT2 BIN 4*10 MFZN	4	
P1	PCB FRONT	9CD6596300		1	
P2	PCB MAIN	9CD6598100		1	
P3	PCB AMP	9CD6598200		1	
P4	PCB POWER	9CD6598400		1	
E1	FLT			1	
E2	TUNER MODULE			1	
E3	VOLTAGE SELECTOR			1	
E4	AC CODE			1	

Exploded View and Mechanical Parts List

● XW-524[K]/525[K]/526[K] Models Only

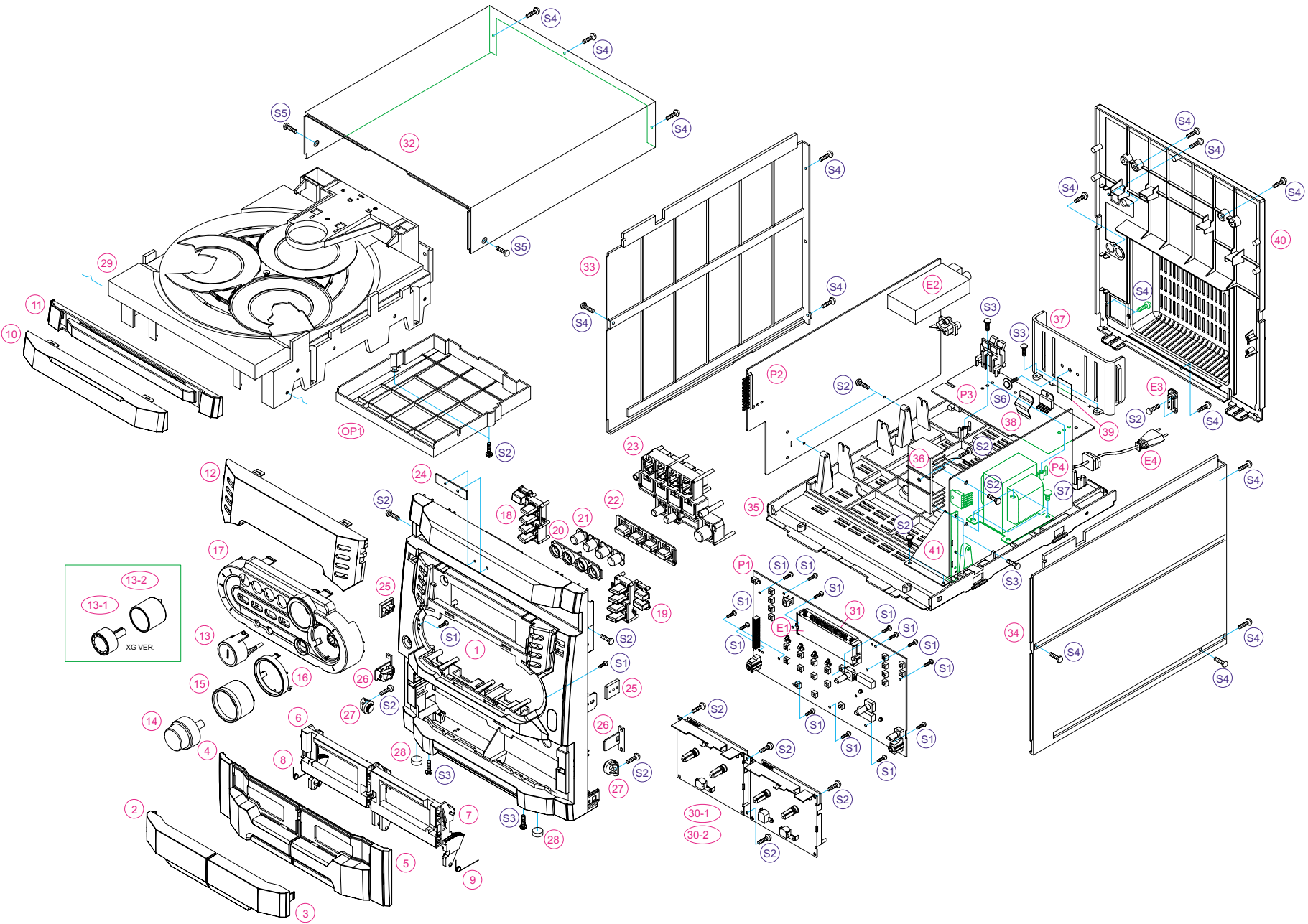


Exploded View and Mechanical Parts List

NO	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
1	PANEL FRONT	9CD0313700	HIPS, SPRAY	1	
2	WINDOW DOOR "A"	9CD16224A0	ACRYL, SMOG	1	
3	WINDOW DOOR "B"	9CD16224B0	ACRYL, SMOG	1	
4	DOOR COVER "A"	9CD18151A0	HIPS, SPRAY	1	
5	DOOR COVER "B"	9CD18151B0	HIPS, SPRAY	1	
6	DOOR FRAME "A"	9CD18113A0	MIPS	1	
7	DOOR FRAME "B"	9CD18113B0	MIPS	1	
8	SRING DOOR EJECT L	9CD30080L0	STS 0.9	1	
9	SRING DOOR EJECT R	9CD30080R0	STS 0.9	1	
10	WINDOW CD DOOR	9CD1622500	ACRYL, SMOG	1	
11	DOOR CD	9CD1815200	HIPS, SPRAY	1	
12	WINDOW FLT	9CD1622300	ACRYL, SMOG	1	
13	KNOB TUNE	9CD1354000	HIPS, SPRAY	1	
14	KNOB VOLUME	9CD1354100	ABS, CR COATING	1	ELECTRO FORMING
15	RING DECO VOL	9CD1006600	ACRYL, SPRAY	1	
16	PANEL CONTROL	9CD0313800	HIPS, SPRAY	1	
17	KNOB POWER	9CD1353600	HIPS, SPRAY	1	
18	KNOB OPEN	9CD1353700	HIPS, SPRAY	1	
19	KNOB FUNCTION	9CD1353500	ACRYL	1	
20	KNOB CONTROL	9CD1353400	HIPS, SPRAY	1	
21	BADGE BRAND		ABS / AL	1	
22	BRKT SIDE	9CD2412900	ABS	2	
23	LOCKER AS	9CDOB014/15/16	BASE / CAM / SPRING	2	
24	DAMPER GEAR AS	9CD2603200/300	DAMPER GEAR / BASE	2	
25	CUSHION FOOT	9CD4207700	URETHANE D10*4.0T	2	
26	CD DECK MECHA	9CD6012900	DCC-01A	1	
27-1	CASSETTE DECK LOGIC	9CD6011500		1	KOMI DECK (A/S)
27-2	CASSETTE DECK LOGIC	9CD6010000		1	PIGEON DECK (A/S)
28	GUIDE FLT	9CD2506500	HIPS	1	
29	COVER TOP	9CD0411400	HIPS	1	
30	COVER SIDE "L"	9CD04177L0	HIPS	1	
31	COVER SIDE "R"	9CD04177R0	HIPS	1	
32	CHASSIS BOTTOM	9CD0611400	SECC	1	
33	HEATSINK PW	9CD4409700	AL	1	
34-1	HEATSINK 30	9CD4409400	AL	1	XW-524 (MS 7306CD)
34-2	HEATSINK 50	9CD4409500	AL	1	XW-525 (MS 7310CD)
34-3	HEATSINK 70	9CD4409600	AL	1	XW-526 (MS 7313CD)
35	BRKT PCB C	9CD2414500	SECC	2	
36	BRKT PCB D	9CD2417800	SECC	1	
37	COVER BACK	9CD0417600	HIPS	1	
OP1	COVER 3CD	9CD0417800	HIPS	1	OPTION SEMP TOSHIBA
OP2	KNOB POWER	9CD1354800	HIPS, SPRAY	1	OPTION STANDBY LED
OP3	LENS POWER	9CD1622600	ACRYL, MILKY	1	OPTION STANDBY LED
OP4	FUNCTION PLATE	9CD0913800	PC T0.15	1	OPTION FUNCTION LED
OP5	KNOB MIC	9CD1354900	HIPS, SPRAY	1	OPTION MIC
S1	SCREW TAPTITE	7173261011	TT2BIN 2.6*10 MFZN	14	
S2	SCREW TAPTITE	7173301011	TT2 BIN 3*10 MFZN	17	
S3	SCREW TAPTITE	7173301612	TT2 BIN 3*6 MFZN	12	
S4	SCREW TAPTITE	7173301212	TT2 BIN 3*12 BK	18	
S5	SCREW TAPTITE	7173301612	TT2 BIN 3*16 BK	4	
S6	SCREW TAPTITE	7173400611	TT2 BIN 4*6 MFZN	4	
P1	PCB FRONT	9CD6596300		1	
P2	PCB MAIN	9CD6598100		1	
P3	PCB AMP	9CD6598200		1	
P4	PCB POWER	9CD6598400		1	
E1	FLT			1	
E2	TUNER MODULE			1	
E3	VOLTAGE SELECTOR			1	
E4	AC CODE			1	

Exploded View and Mechanical Parts List

● XG-532[V]/XW-532 Models Only



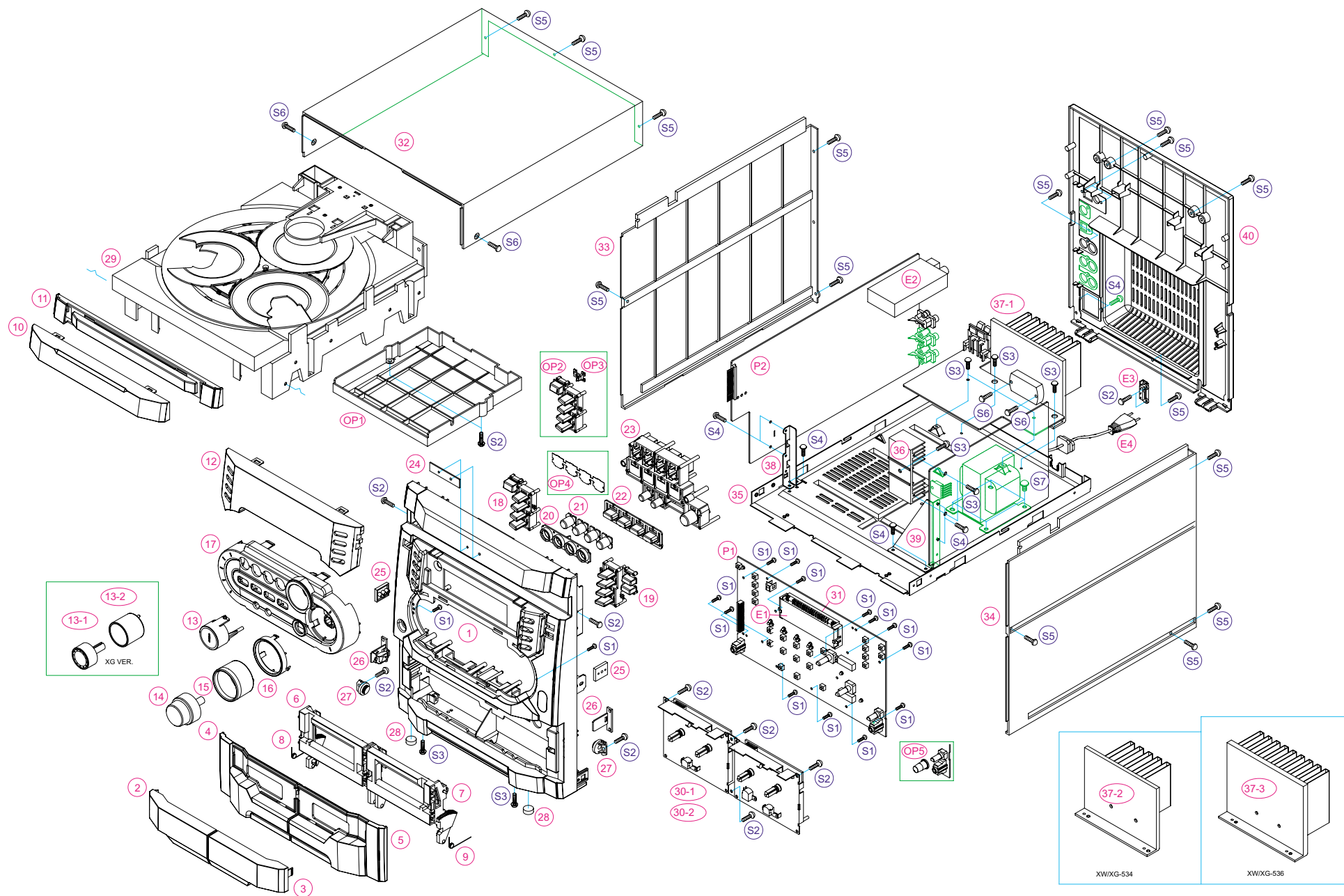
Exploded View and Mechanical Parts List

NO	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
1	PANEL FRONT	9CD0313700	HIPS, SPRAY	1	
2	WINDOW DOOR "A"	9CD16224A0	ACRYL,SMOG	1	
3	WINDOW DOOR "B"	9CD16224B0	ACRYL,SMOG	1	
4	DOOR COVER "A"	9CD18151A0	HIPS,SPRAY	1	
5	DOOR COVER "B"	9CD18151B0	HIPS,SPRAY	1	
6	DOOR FRAME "A"	9CD18113A0	MIPS	1	
7	DOOR FRAME "B"	9CD18113B0	MIPS	1	
8	SRING DOOR EJECT L	9CD30080L0	STS 0.9	1	
9	SRING DOOR EJECT R	9CD30080R0	STS 0.9	1	
10	WINDOW CD DOOR	9CD1622500	ACRYL,SMOG	1	
11	DOOR CD	9CD1815200	HIPS,SPRAY	1	
12	WINDOW FLT	9CD1622300	ACRYL,SMOG	1	
13	KNOB TUNING	9CD1354600	HIPS,SPRAY	1	XW-532
13-1	KNOB JOG	9CD1354500	HIPS,SPRAY	1	XG-532
13-2	DECO JOG	9CD1006800	ACRYL,SMOG	1	XG-532
14	KNOB VOLUME	9CD1354700	ABS, CR COATING	1	ELECTRO FORMING
15	DECO VOL	9CD1006700	ACRYL,SPRAY	1	
16	DECO RING	9CD1006900	ABS, CR COATING	1	
17	PANEL CONTROL	9CD0314200	HIPS,SPRAY	1	
18	KNOB POWER	9CD1354800	HIPS,SPRAY	1	
19	KNOB OPEN	9CD1353700	HIPS,SPRAY	1	
20	DECO FUNCTION	9CD1007000	ABS, CR COATING	1	
21	KNOB FUNCTION	9CD1354300	ACRYL	1	
22	KNOB PRESET	9CD1354400	ACRYL	1	
23	KNOB CONTROL	9CD1354200	HIPS,SPRAY	1	
24	BADGE BRAND		ABS / AL	1	
25	BRKT SIDE	9CD2412900	ABS	2	
26	LOCKER AS	9CDOB014/15/16	BASE / CAM / SPRING	2	
27	DAMPER GEAR AS	9CD2603200/300	DAMPER GEAR / BASE	2	
28	CUSHION FOOT	9CD4207700	URETHANE D10*4.0T	2	
29	CD DECK MECHA	9CD6012900	DCC-01A	1	
30-1	CASSETTE DECK LOGIC	9CD6011500		1	KOMI DECK (A/S)
30-2	CASSETTE DECK LOGIC	9CD6010800		1	PIGEON DECK (A/S)
31	GUIDE FLT	9CD2506500	HIPS	1	
32	COVER TOP	9CD0411400	HIPS	1	
33	COVER SIDE "L"	9CD04177L0	HIPS	1	
34	COVER SIDE "R"	9CD04177R0	HIPS	1	
35	CHASSIS BOTTOM	9CD0611000	HIPS	1	
36	HEATSINK PW	9CD4409700	AL	1	
37	HEATSINK 10	9CD4409300	AL	1	
38	BRACKET HEAT TR	9CD2413900	AL	1	
39	PLATE MICA "A"	9CD2413900		1	
40	COVER BACK	9CD0417600	HIPS	1	
41	BRKT PCB D	9CD2417800	SECC	1	
OP1	COVER 3CD	9CD0417800	HIPS	1	OPTION SEMP TOSHIBA

NO	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
S1	SCREW TAPTITE	7173261011	TT2BIN 2.6*10 MFZN	15	
S2	SCREW TAPTITE	7173301011	TT2 BIN 3*10 MFZN	17	
S3	SCREW TAPTITE	7173300812	TT2 BIN 3*8 MFZN	8	
S4	SCREW TAPTITE	7173301012	TT2 BIN 3*10 BK	18	
S5	SCREW TAPTITE	7173301612	TT2 BIN 3*16 BK	2	
S6	WASHER SCREW	9CD3102401	TT2 BIN 3.0X8 + D12	1	
S7	SCREW TAPTITE	7173401011	TT2 BIN 4*10 MFZN	4	
P1	PCB FRONT	9CD6598600		1	
P2	PCB MAIN	9CD6598700		1	
P3	PCB AMP	9CD6598800		1	
P4	PCB POWER	9CD6598900		1	
E1	FLT			1	
E2	TUNER MODULE			1	
E3	VOLTAGE SELECTOR			1	
E4	AC CODE			1	

Exploded View and Mechanical Parts List

● XG-534[V][K]/535[V][K]/536[V][K], XW-534[K]/535[K]/536[K] Models Only



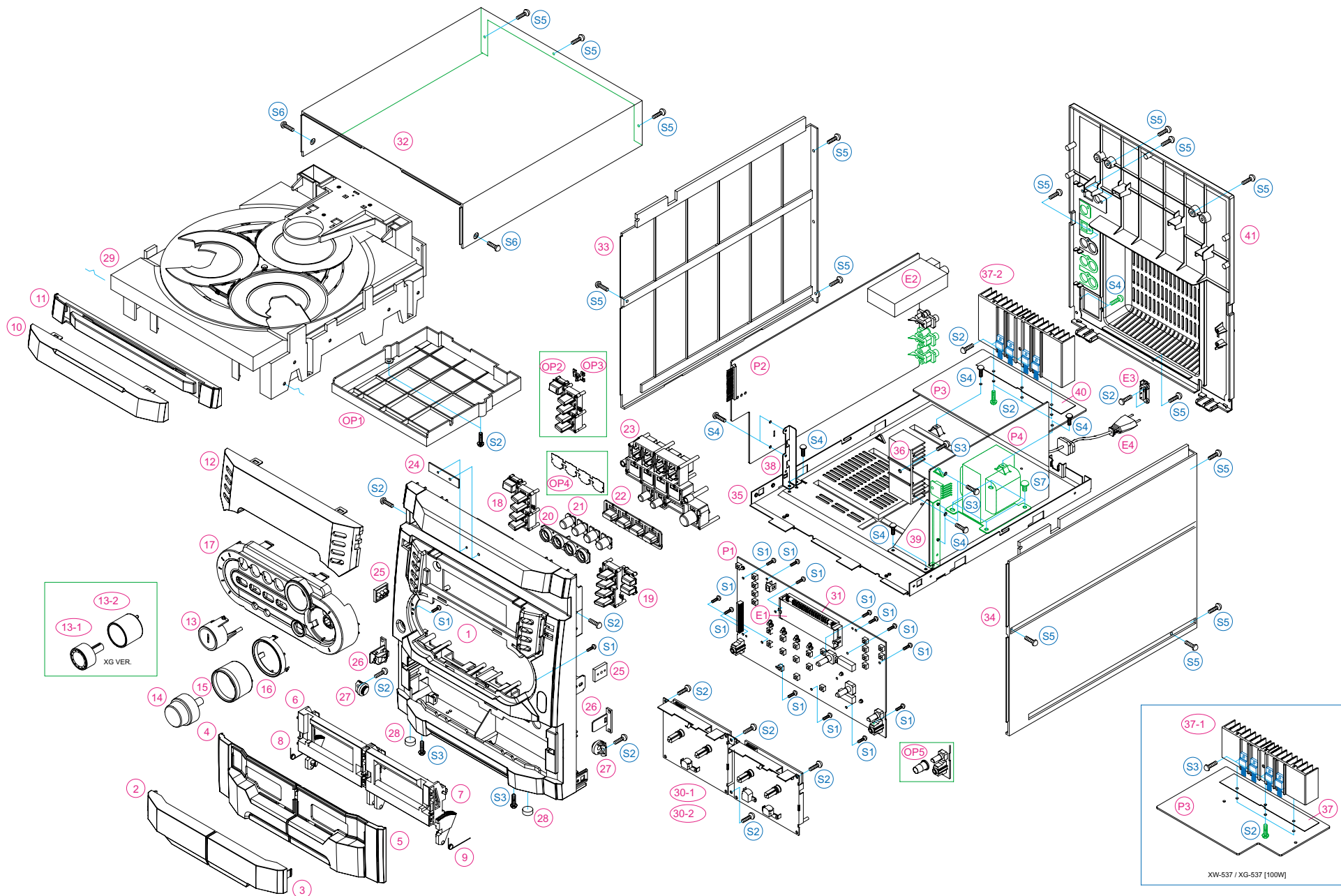
Exploded View and Mechanical Parts List

NO	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
1	PANEL FRONT	9CD0313700	HIPS, SPRAY	1	
2	WINDOW DOOR "A"	9CD16224A0	ACRYL,SMOG	1	
3	WINDOW DOOR "B"	9CD16224B0	ACRYL,SMOG	1	
4	DOOR COVER "A"	9CD18151A0	HIPS,SPRAY	1	
5	DOOR COVER "B"	9CD18151B0	HIPS,SPRAY	1	
6	DOOR FRAME "A"	9CD18113A0	MIPS	1	
7	DOOR FRAME "B"	9CD18113B0	MIPS	1	
8	SRING DOOR EJECT L	9CD30080L0	STS 0.9	1	
9	SRING DOOR EJECT R	9CD30080R0	STS 0.9	1	
10	WINDOW CD DOOR	9CD1622500	ACRYL,SMOG	1	
11	DOOR CD	9CD1815200	HIPS,SPRAY	1	
12	WINDOW FLT	9CD1622300	ACRYL,SMOG	1	
13	KNOB TUNING	9CD1354600	HIPS,SPRAY	1	
13-1	KNOB JOG	9CD1354500	HIPS,SPRAY	1	XG-534/535/536
13-2	DECO JOG	9CD1006800	ACRYL,SMOG	1	XG-534/535/536
14	KNOB VOLUME	9CD1354700	ABS, CR COATING	1	ELECTRO FORMING
15	DECO VOL	9CD1006700	ACRYL,SPRAY	1	
16	DECO RING	9CD1006900	ABS, CR COATING	1	
17	PANEL CONTROL	9CD0314200	HIPS,SPRAY	1	
18	KNOB POWER	9CD1354800	HIPS,SPRAY	1	
19	KNOB OPEN	9CD1353700	HIPS,SPRAY	1	
20	DECO FUNCTION	9CD1007000	ABS, CR COATING	1	
21	KNOB FUNCTION	9CD1354300	ACRYL	1	
22	KNOB PRESET	9CD1354400	ACRYL	1	
23	KNOB CONTROL	9CD1354200	HIPS,SPRAY	1	
24	BADGE BRAND		ABS / AL	1	
25	BRKT SIDE	9CD2412900	ABS	2	
26	LOCKER AS	9CDOB014/15/16	BASE / CAM / SPRING	2	
27	DAMPER GEAR AS	9CD2603200/300	DAMPER GEAR / BASE	2	
28	CUSHION FOOT	9CD4207700	URETHANE D10*4.0T	2	
29	CD DECK MECHA	9CD6012900	DCC-01A	1	
30-1	CASSETTE DECK LOGIC	9CD6011500		1	KOMI DECK (A/S)
30-2	CASSETTE DECK LOGIC	9CD6010800		1	PIGEON DECK (A/S)
31	GUIDE FLT	9CD2506500	HIPS	1	
32	COVER TOP	9CD0411400	HIPS	1	
33	COVER SIDE "L"	9CD04177L0	HIPS	1	
34	COVER SIDE "R"	9CD04177R0	HIPS	1	
35	CHASSIS BOTTOM	9CD0611000	HIPS	1	
36	HEATSINK PW	9CD4409700	AL	1	
37-1	HEATSINK 50	9CD4409500	AL	1	XW/XG-535
37-2	HEATSINK 30	9CD4409400	AL	1	XW/XG-534
37-3	HEATSINK 70	9CD4409600	AL	1	XW/XG-536
38	BRKT PCB C	9CD2414500	SECC	1	
39	BRKT PCB D	9CD2417800	SECC	1	
40	COVER BACK	9CD0417600	HIPS	1	
OP1	COVER 3CD	9CD0417800	HIPS	1	OPTION SEMP TOSHIBA
OP2	KNOB POWER	9CD1354800	HIPS, SPRAY	1	OPTION STANDBY LED
OP3	LENS POWER	9CD1622600	ACRYL, MILKY	1	OPTION STANDBY LED
OP4	FUNCTION PLATE	9CD0913800	PC T0.15	1	OPTION FUNCTION LED
OP5	KNOB MIC	9CD1354900	HIPS, SPRAY	1	OPTION MIC

NO	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
S1	SCREW TAPTITE	7173261011	TT2BIN 2.6*10 MFZN	15	
S2	SCREW TAPTITE	7173301011	TT2 BIN 3*10 MFZN	13	
S3	SCREW TAPTITE	7173300812	TT2 BIN 3*8 MFZN	6	
S4	SCREW TAPTITE	7173301612	TT2 BIN 3*6 MFZN	8	
S5	SCREW TAPTITE	7173301012	TT2 BIN 3*10 BK	18	
S6	SCREW TAPTITE	7173301612	TT2 BIN 3*16 BK	4	
S7	SCREW TAPTITE	7173400611	TT2 BIN 4*6 MFZN	4	
P1	PCB FRONT	9CD6598000		1	
P2	PCB MAIN	9CD6599000		1	
P3	PCB AMP	9CD6599100		1	
P4	PCB POWER	9CD6599200		1	
E1	FLT			1	
E2	TUNER MODULE			1	
E3	VOLTAGE SELECTOR			1	
E4	AC CODE			1	

Exploded View and Mechanical Parts List

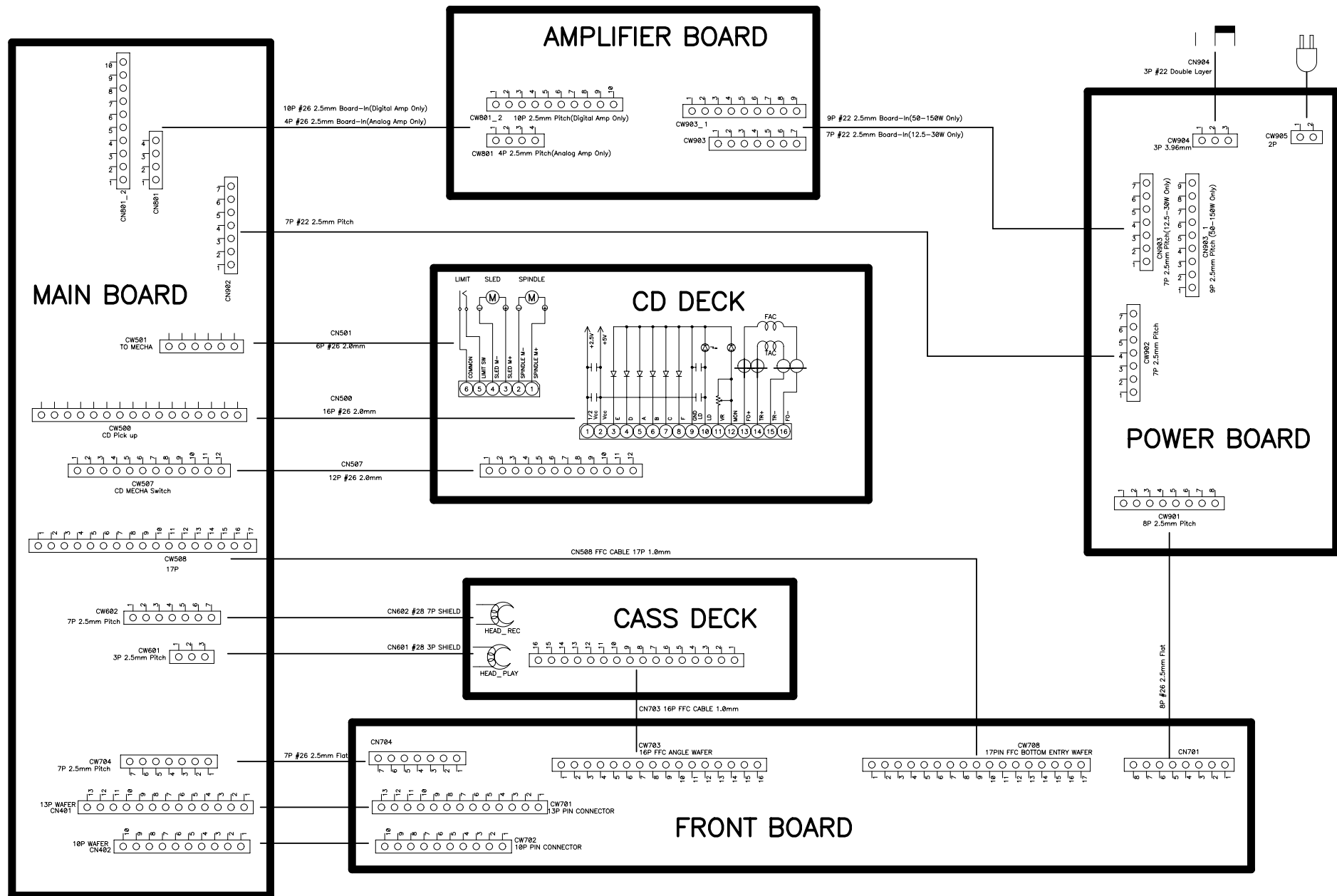
● XG-537[V][K]/538[V][K], XW-537[K]/538[K] Models Only



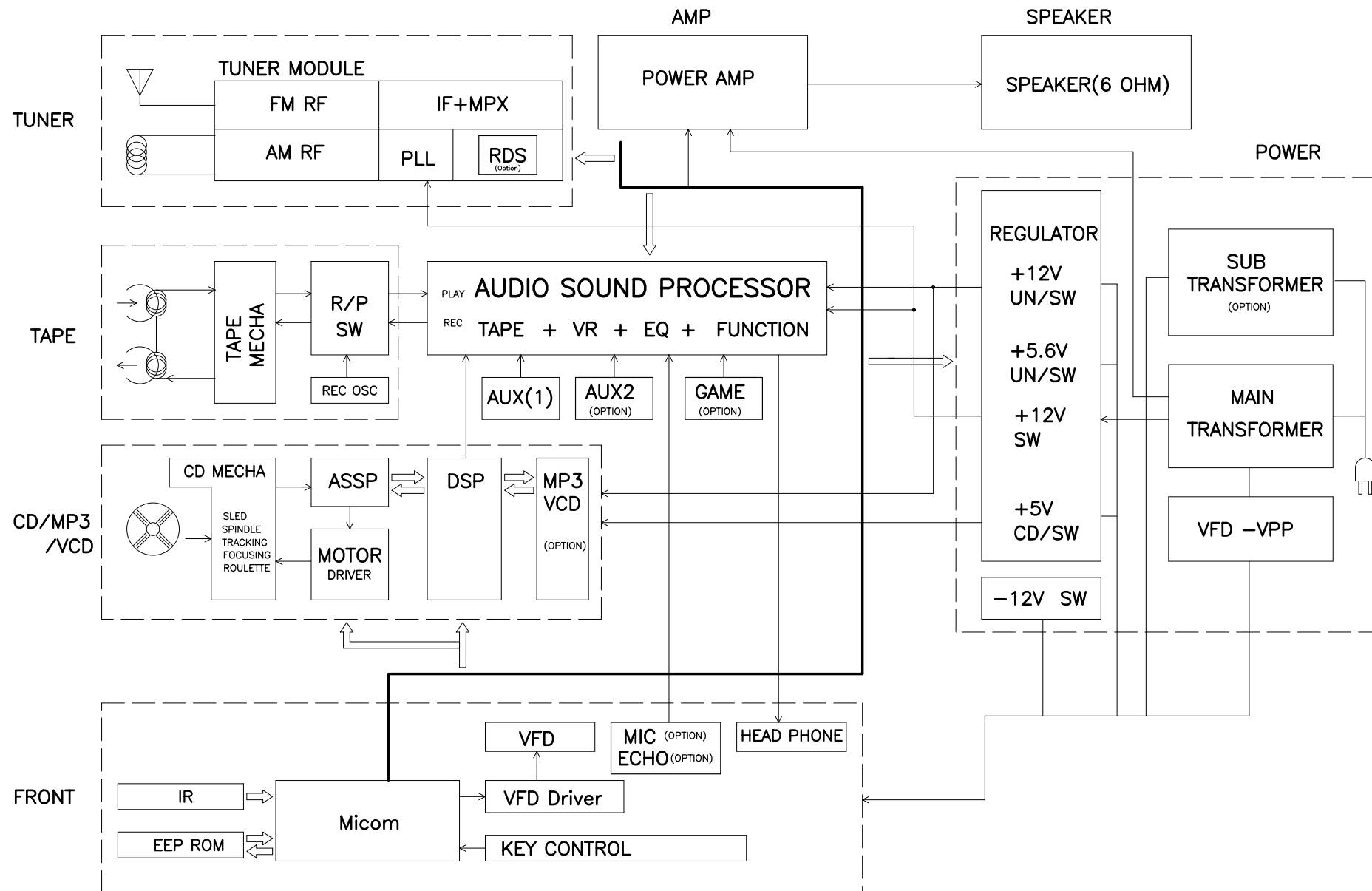
Exploded View and Mechanical Parts List

NO	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
1	PANEL FRONT	9CD0313700	HIPS, SPRAY	1	
2	WINDOW DOOR "A"	9CD16224A0	ACRYL, SMOG	1	
3	WINDOW DOOR "B"	9CD16224B0	ACRYL, SMOG	1	
4	DOOR COVER "A"	9CD18151A0	HIPS, SPRAY	1	
5	DOOR COVER "B"	9CD18151B0	HIPS, SPRAY	1	
6	DOOR FRAME "A"	9CD18113A0	MIPS	1	
7	DOOR FRAME "B"	9CD18113B0	MIPS	1	
8	SRING DOOR EJECT L	9CD30080L0	STS 0.9	1	
9	SRING DOOR EJECT R	9CD30080R0	STS 0.9	1	
10	WINDOW CD DOOR	9CD1622500	ACRYL, SMOG	1	
11	DOOR CD	9CD1815200	HIPS, SPRAY	1	
12	WINDOW FLT	9CD1622300	ACRYL, SMOG	1	
13	KNOB TUNING	9CD1354600	HIPS, SPRAY	1	XW-537/538
13-1	KNOB JOG	9CD1354500	HIPS, SPRAY	1	XG-537/538
13-2	DECO JOG	9CD1006800	ACRYL, SMOG	1	XG-537/538
14	KNOB VOLUME	9CD1354700	ABS, CR COATING	1	
15	DECO VOL	9CD1006700	ACRYL, SPRAY	1	
16	DECO RING	9CD1006900	ABS, CR COATING	1	
17	PANEL CONTROL	9CD0314200	HIPS, SPRAY	1	
18	KNOB POWER	9CD1354800	HIPS, SPRAY	1	
19	KNOB OPEN	9CD1353700	HIPS, SPRAY	1	
20	DECO FUNCTION	9CD1007000	ABS, CR COATING	1	
21	KNOB FUNCTION	9CD1354300	ACRYL	1	
22	KNOB PRESET	9CD1354400	ACRYL	1	
23	KNOB CONTROL	9CD1354200	HIPS, SPRAY	1	
24	BADGE BRAND		ABS / AL	1	
25	BRKT SIDE	9CD2412900	ABS	2	
26	LOCKER AS	9CDOB014/15/16	BASE / CAM / SPRING	2	
27	DAMPER GEAR AS	9CD2603200/300	DAMPER GEAR / BASE	2	
28	CUSHION FOOT	9CD4207700	URETHANE D10*4.0T	2	
29	CD DECK MECHA	9CD6012900	DCC-01A	1	
30-1	CASSETTE DECK LOGIC	9CD6011500		1	KOMI DECK (A/S)
30-2	CASSETTE DECK LOGIC	9CD6010800		1	PIGEON DECK (A/S)
31	GUIDE FLT	9CD2506500	HIPS	1	
32	COVER TOP	9CD0411400	HIPS	1	
33	COVER SIDE "L"	9CD04177L0	HIPS	1	
34	COVER SIDE "R"	9CD04177R0	HIPS	1	
35	CHASSIS BOTTOM	9CD0611400	SECC	1	
36	HEATSINK PW	9CD4409700	AL	1	
37-1	HEATSINK AMP 100	9CD4410500	AL H=40mm	1	XW-537 / XG-537
37-2	HEATSINK AMP 150	9CD4410400	AL H=60mm	1	XW-538 / XG-538
38	BRKT PCB C	9CD2414500	SECC	1	
39	BRKT PCB D	9CD2417800	SECC	1	
40	PLATE PCB AMP	9CD0914600	PC T0.5	1	
41	COVER BACK	9CD0417600	HIPS	1	
OP1	COVER 3CD	9CD0417800	HIPS	1	OPTION SEMP TOSHIBA
OP2	KNOB POWER	9CD1354800	HIPS, SPRAY	1	OPTION STANDBY LED
OP3	LENS POWER	9CD1622600	ACRYL, MILKY	1	OPTION STANDBY LED
OP4	FUNCTION PLATE	9CD0913800	PC T0.15	1	OPTION FUNCTION LED
OP5	KNOB MIC	9CD1354900	HIPS, SPRAY	1	OPTION KARAOKE

NO	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
S1	SCREW TAPTITE	7173261011	TT2BIN 2.6*10 MFZN	15	
S2	SCREW TAPTITE	7173301011	TT2 BIN 3*10 MFZN	20	
S3	SCREW TAPTITE	7173300812	TT2 BIN 3*8 MFZN	6	
S4	SCREW TAPTITE	7173301612	TT2 BIN 3*6 MFZN	6	
S5	SCREW TAPTITE	7173301012	TT2 BIN 3*10 BK	18	
S6	SCREW TAPTITE	7173301612	TT2 BIN 3*16 BK	2	
S7	SCREW TAPTITE	7173400611	TT2 BIN 4*6 MFZN	4	
P1	PCB FRONT	9CD6598000		1	
P2	PCB MAIN	9CD6599000		1	
P3	PCB AMP	9CD6500600		1	
P4	PCB POWER	9CD6599200		1	
E1	FLT			1	
E2	TUNER MODULE			1	
E3	VOLTAGE SELECTOR			1	
E4	AC CODE			1	

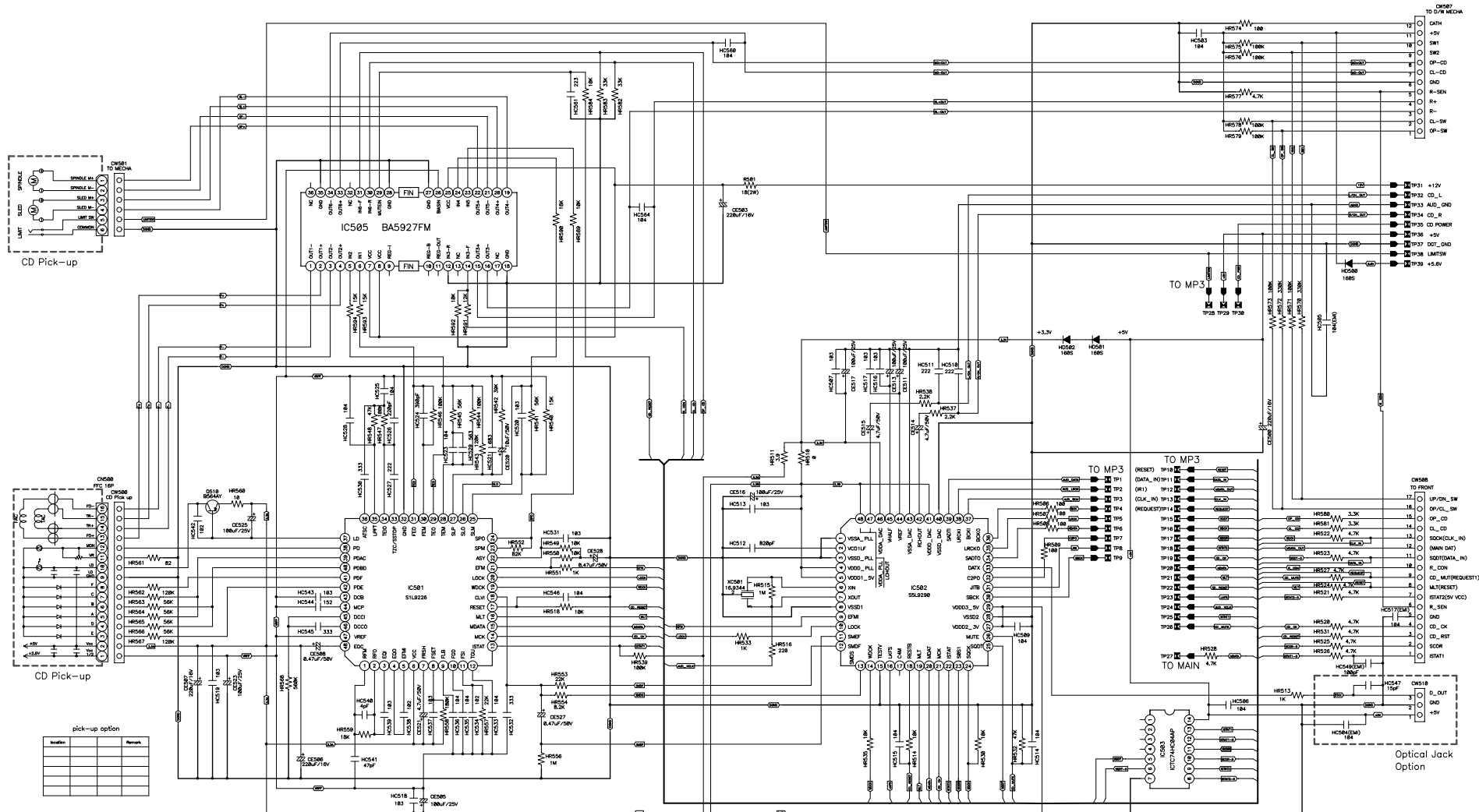


Block Diagram



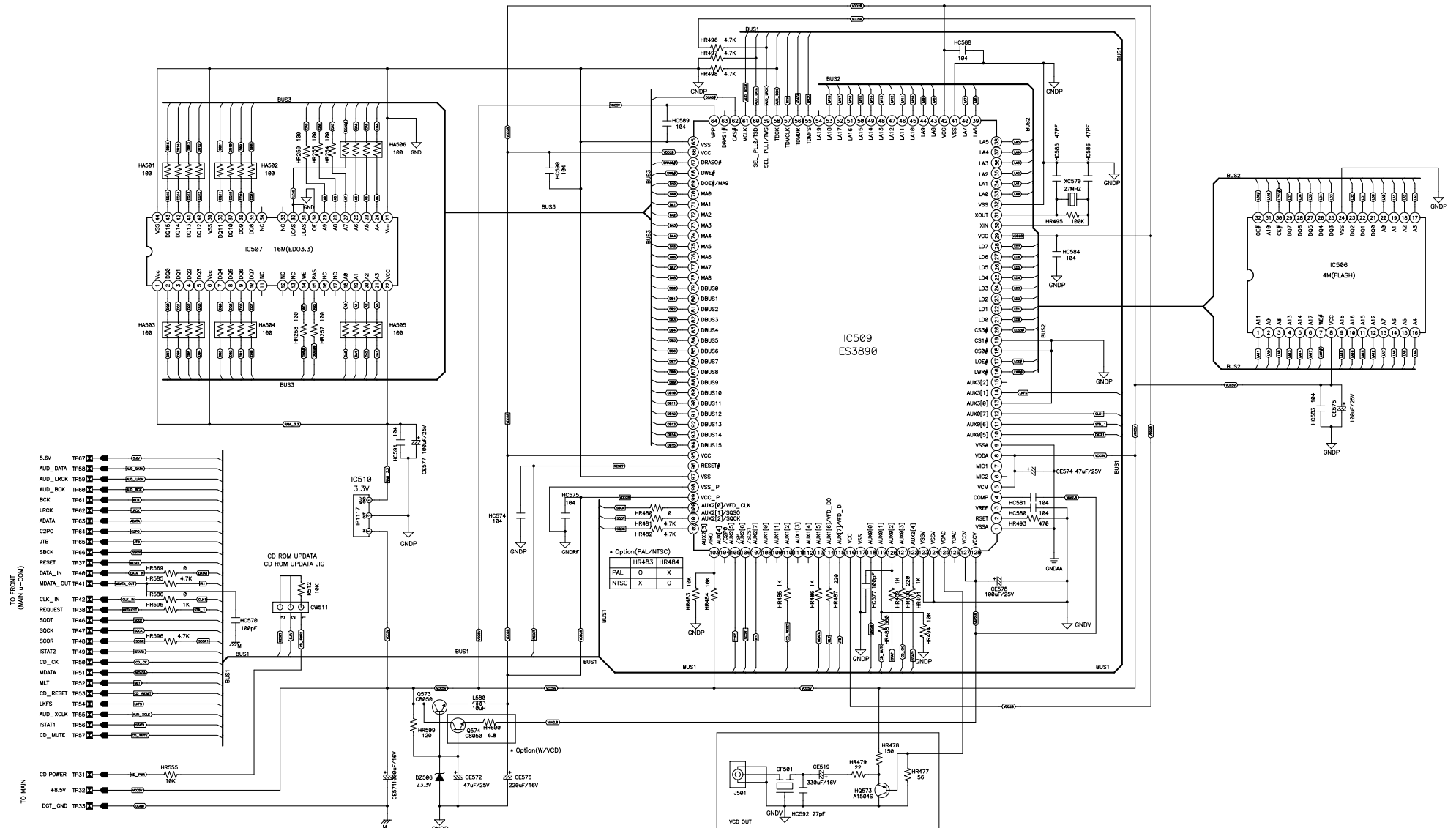
Schematic Diagram

• CD Section



Schematic Diagram

● MP3/VCD Section : XG-52x[V][K]/XG-53x[V][K] Series Only



Schematic Diagram

● Front Section : XG-52x[V][K]/XW-52x[K] Series Only

* XC701 OPTION

XC701	HC733	HC734
3 PIN	X	X
2 PIN	O	O

* KEY OPTION

SW722	HR336	HR335	HR334
ECHO	0 OHM	X	X
MUTE	X	0 OHM	X
FCS	X	X	0 OHM

* MODEL OPTION

VCD,MP3	CD-DA
HR792, HR794	X
HR793, HR795	O

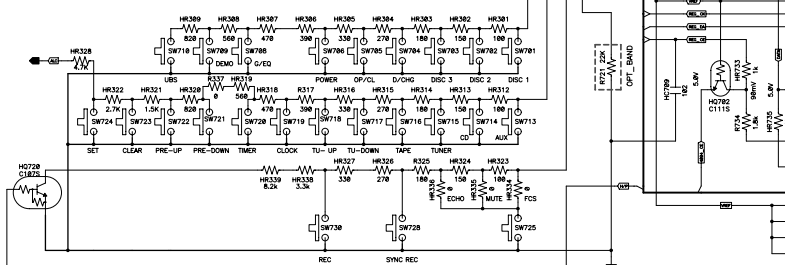
KOMI	Pigeon	AUX2	AUX
HR343	X	O	X
HR348	O	X	O

A/S	A/R	HR341	HR342	HR343	HR344	HR345	HR346	W LED	W/O LED
HR348	X	O	X	X	O	X	O	X	O
HR345	O	X	O	O	X	O	X	O	X

	W/O JOG	W JOG
SW717	Tune_DN	X
SW718	Tune_UP	X
SW719	CLOCK	Tune_DN
SW720	TIMER	Tune_UP
HR316	330	0 ohm
R317	390	0 ohm
HR318	470	330
HR319	560	1.2K
R337	0 ohm	220
HC716	X	O
HC717	X	O
VR702	X	O
HR744	X	O
HR745	X	O

* 32KHz OPTION

XC702	HR761	HR762	HC713	HC714	JW701	HR700
32KHz ON	32.768	10M	100K	18P	18P	O
32KHz OFF	X	X	X	0 OHM	X	X



* TUNER BAND OPTION

Version	America 1/12Hz	America 2/24Hz	OS 2/4Hz/8Hz	Europe 2/4Hz	Japan 1/12Hz	Asia 1/12Hz	Asia 2/24Hz	OS 2/4Hz	Latin Am 1/12Hz	Europe 2/24Hz	SEMP 2/4Hz
FM(MHz)/Step	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100
FM(MHz)/Step	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100
MW(MHz)/Step	AM 528-1718/10	AM 528-1718/10	AM 528-1718/10	AM 528-1718/10	AM 528-1718/10	AM 528-1718/10	AM 528-1718/10	AM 528-1718/10	AM 528-1718/10	AM 528-1718/10	AM 528-1718/10
SW721	Jump	330	680	1.2K	1.5K	2.7K	3.3K	6.8K	10K	22K	47K

FD701
HNA-11MS26

IC701
M3776-15/30/50/65/100/150W

* MODEL OPTION
(HIGH)
AUX2, KOMI,
LED, A/S

* FUNCTION LED OPTION

	HR774	HR775	LD715	HR717	HR776
W/PSM	O	O	O	O	X
W/O PSM	X	X	X	X	O

* PSM OPTION TABLE

	HR774	HR775	LD715	HR717	HR776
W/PSM	O	O	O	O	X
W/O PSM	X	X	X	X	O

H/P	HR385	HR386
12.5W	2.2K	2.2K
30W	2.2K	2.2K
50W	4.7K	4.7K
65W	4.7K	4.7K

HR385 4.7K
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HR998 4.7K
HR999 4.7K
HR1000 4.7K

* CD OPTION

W/4094	X
W/O 4094	O

* ECHO OPTION

W/PSM	HR774	HR775	LD715	HR717	HR776
W/PSM	O	O	O	O	X
W/O PSM	X	X	X	X	O

Schematic Diagram

● Front Section : XG-53x[V][K]/XW-53x[K] Series Only

* XC701 OPTION

XC701	HC733	HC734
3 PIN	X	X
2 PIN	O	O

* KEY OPTION

SW722	HR336	HR335	HR334
ECHO	0 OHM	X	X
MUTE	X	0 OHM	X
FCS	X	X	0 OHM

* MODEL OPTION

VCD,MP3	CD-DA
HR792, HR794	X
HR793, HR795	O

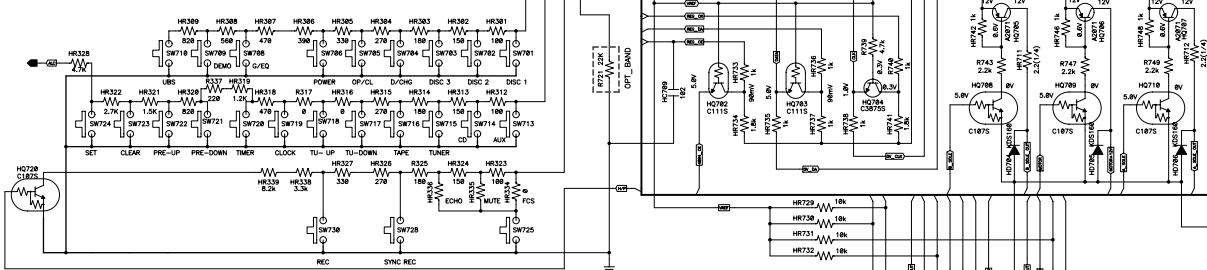
KOMI Pigeon	AUX2	AUX
HR343	X	O
HR348	O	X

A/S	A/R	W LED	W/O LED
HR340	X	O	X
HR345	O	X	O

SW717	W/O JOG	W JOG
SW718	Tune_DN	X
SW719	Tune_UP	X
SW720	CLOCK	Tune_DN
HR316	330	0 ohm
R317	390	0 ohm
HR318	470	330
HR319	560	1.2K
R337	0 ohm	220
HC716	X	O
HC717	X	O
VR702	X	O
HR744	X	O
HR745	X	O
LD716	X	O
LD717	X	O
HQ721	X	O
R779	X	O

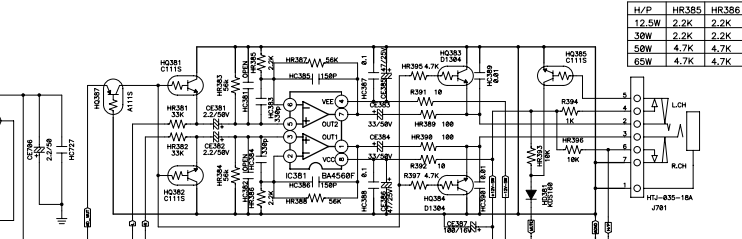
* 32KHz OPTION

XC702	HR761	HR762	HC713	HC714	JW701	HR700
32KHz ON	32.768	10K	10K	18P	18P	O
32KHz OFF	X	X	X	0 OHM	X	X



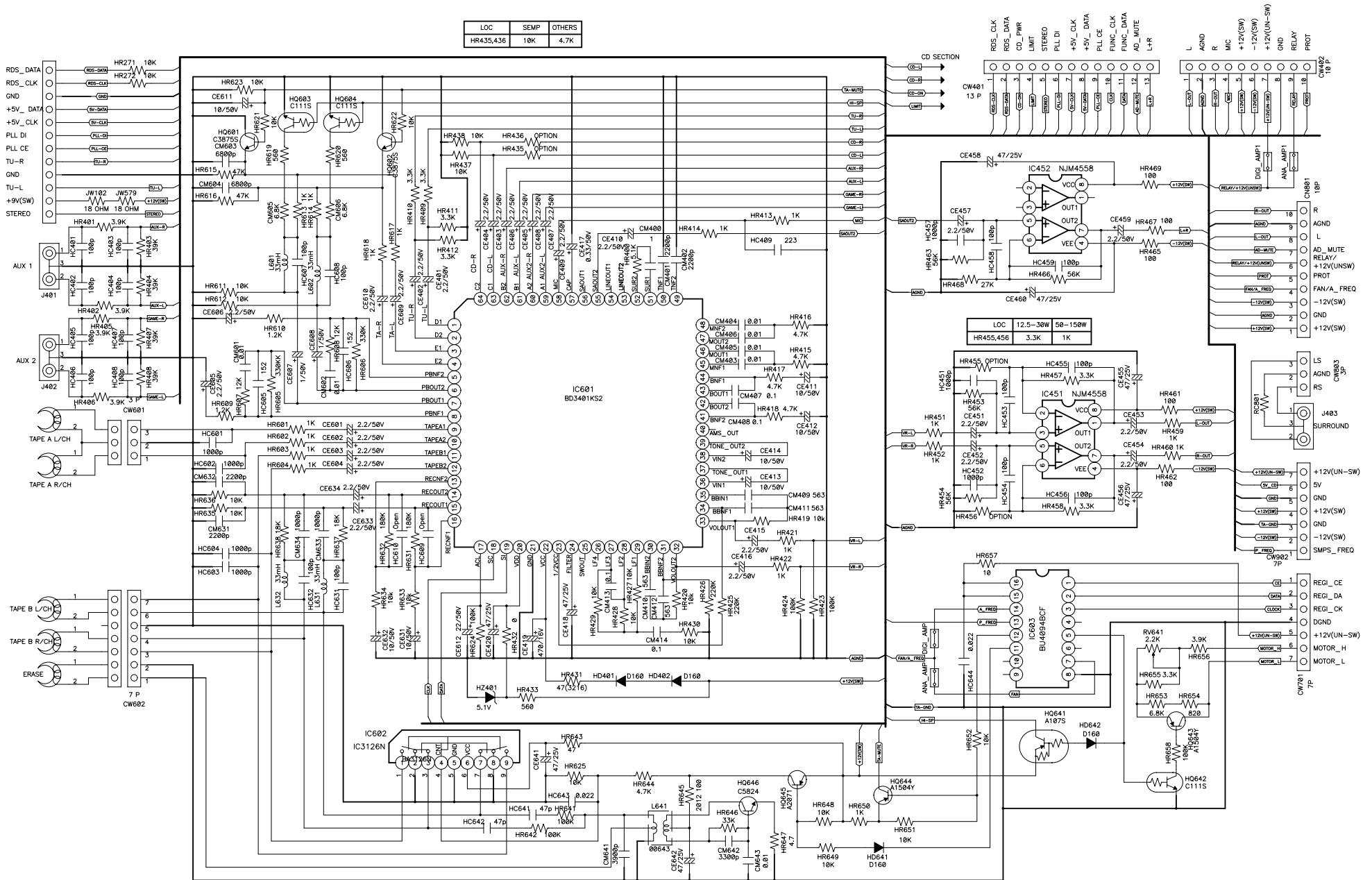
* TUNER BAND OPTION

Version	America 1/12Hz	America 2/24Hz	OS /24Hz/RDS	Europe /24Hz	Japan /12Hz	Asia 1/12Hz	Asia 2/24Hz	OS /24Hz	Latin Am /12Hz	Europe 26/24Hz	AM Input (50-13.5MHz)
FM(MHz)/Step	FM 87.5-106/180	FM 87.5-106/180	FM 87.5-106/180	FM 87.5-106/180	FM 76-106/180	FM 76-106/180	FM 76-106/180	FM 87.5-106/180	FM 87.5-106/180	FM 87.5-106/180	FM 87.5-106/180
FM(MHz)/Step	FM 87.5-106/180	FM 87.5-106/180	FM 87.5-106/180	FM 87.5-106/180	FM 87.5-106/180	FM 87.5-106/180	FM 87.5-106/180	FM 87.5-106/180	FM 87.5-106/180	FM 87.5-106/180	FM 87.5-106/180
W(MHz)/Step	AM 528-1718/18	AM 538-1718/18	AM 522-1628/9	AM 522-1628/9	AM 522-1628/9	AM 522-1628/9	AM 522-1628/9	AM 522-1628/9	AM 538-1718/18	AM 522-1628/9	AM 538-1718/18
R721	Jump	330	680	1.2K	1.8K	2.7K	3.9K	6.8K	18K	22K	47K



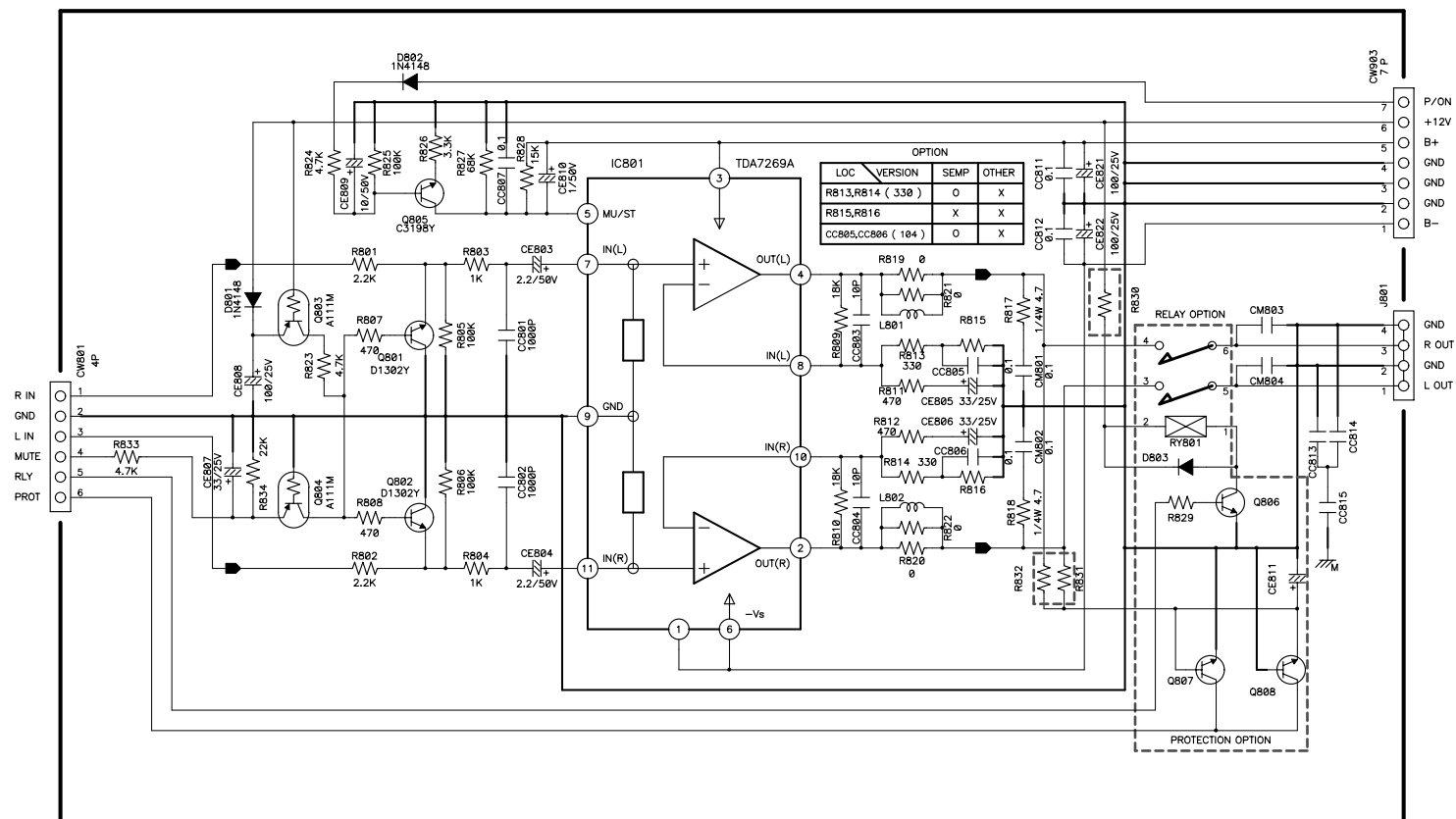
Schematic Diagram

● TAPE and Function Section

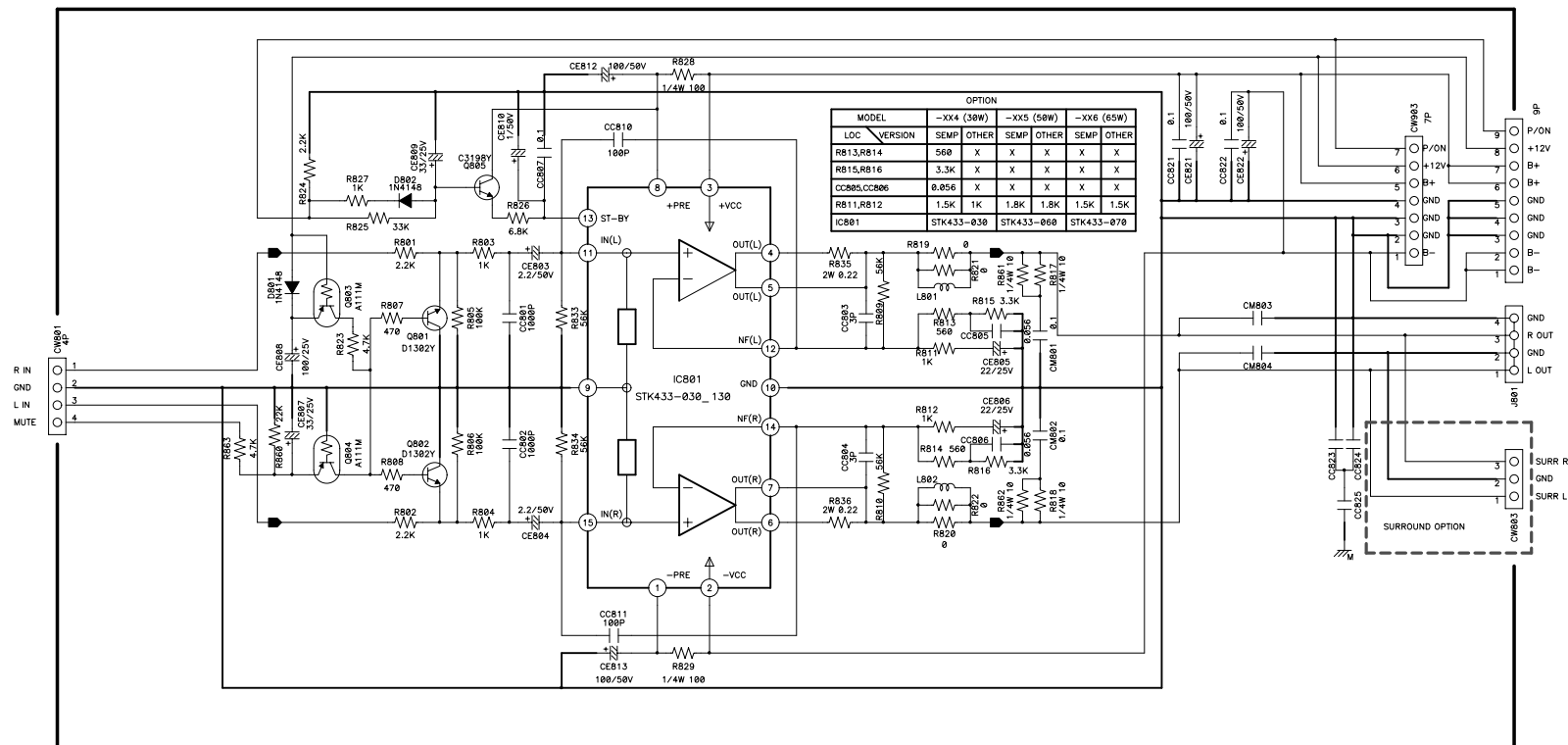


Schematic Diagram

- AMP Section : **XG-522[V]/532[V]**, XW-522/532 Models only

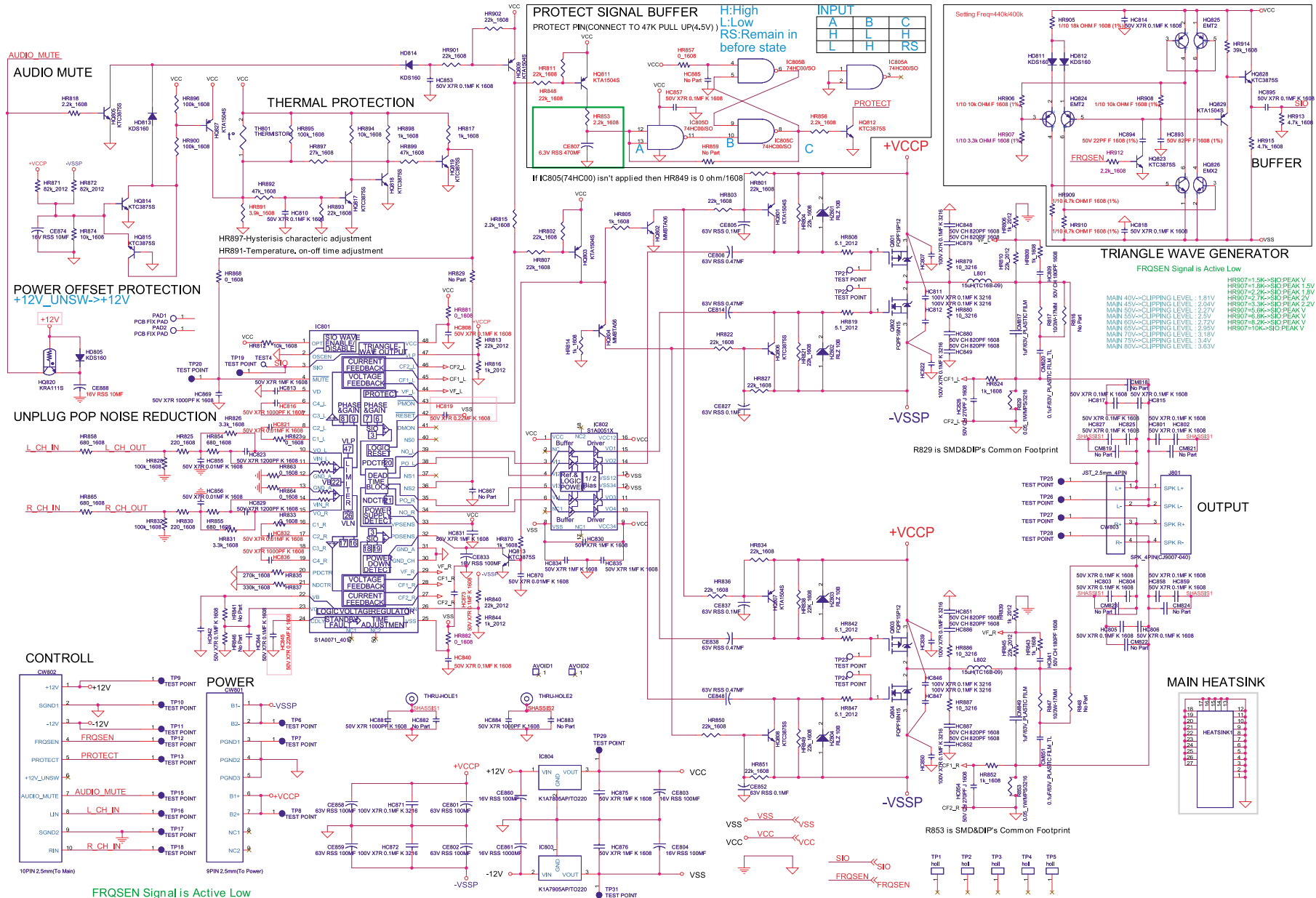


● AMP Section : XG-524[V][K]/525[V][K]/526[V][K]/534[V][K]/535[V][K]/536[V][K], XW-524[K]/525[K]/526[K]/534[K]/535[K]/536[K] Models only



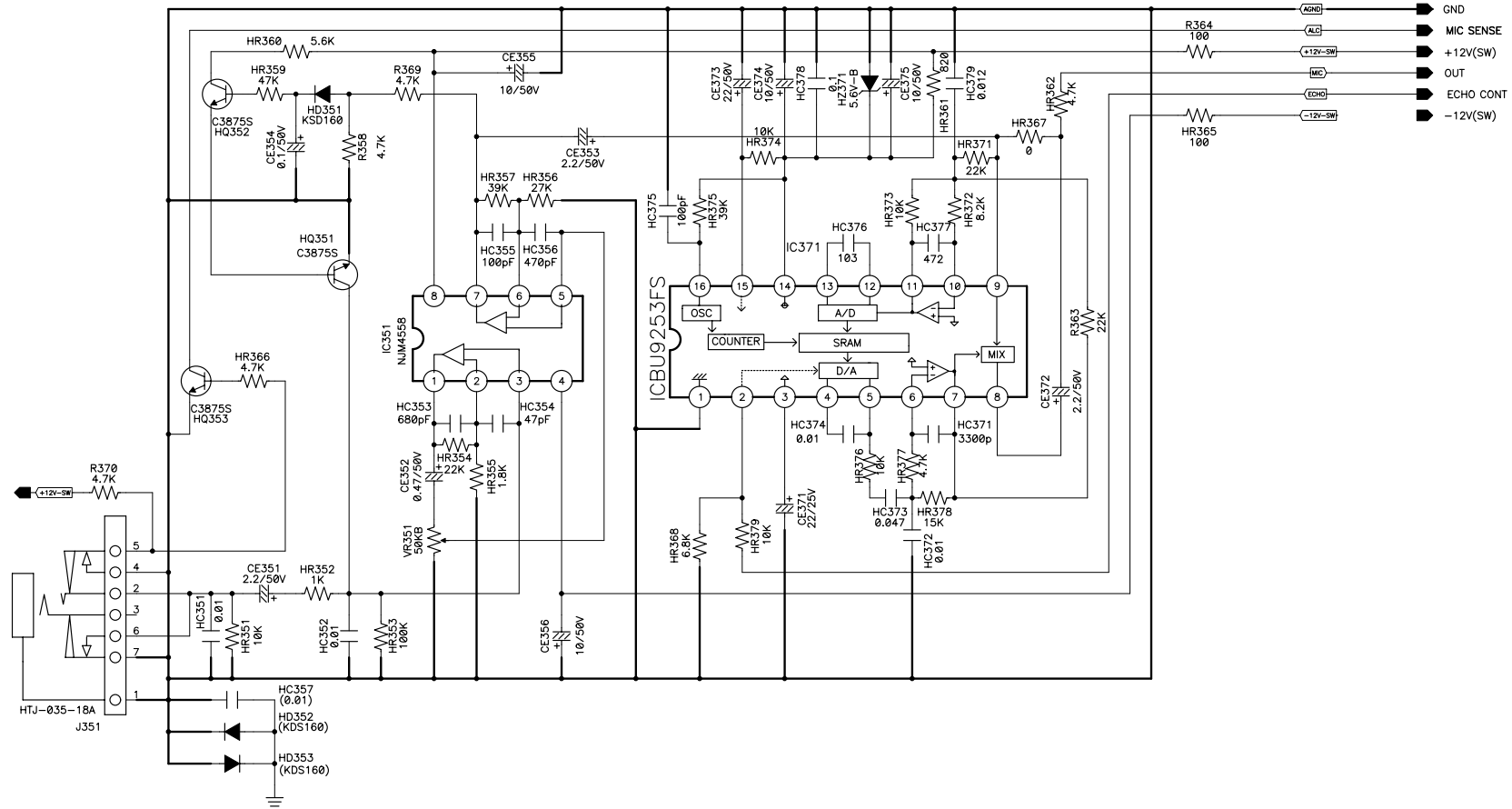
Schematic Diagram

- Digital AMP Section : XG-527[V][K]/528[V][K]/537[V][K]/538[V][K], XW-527[K]/528[K]/537[K]/538[K] Models only



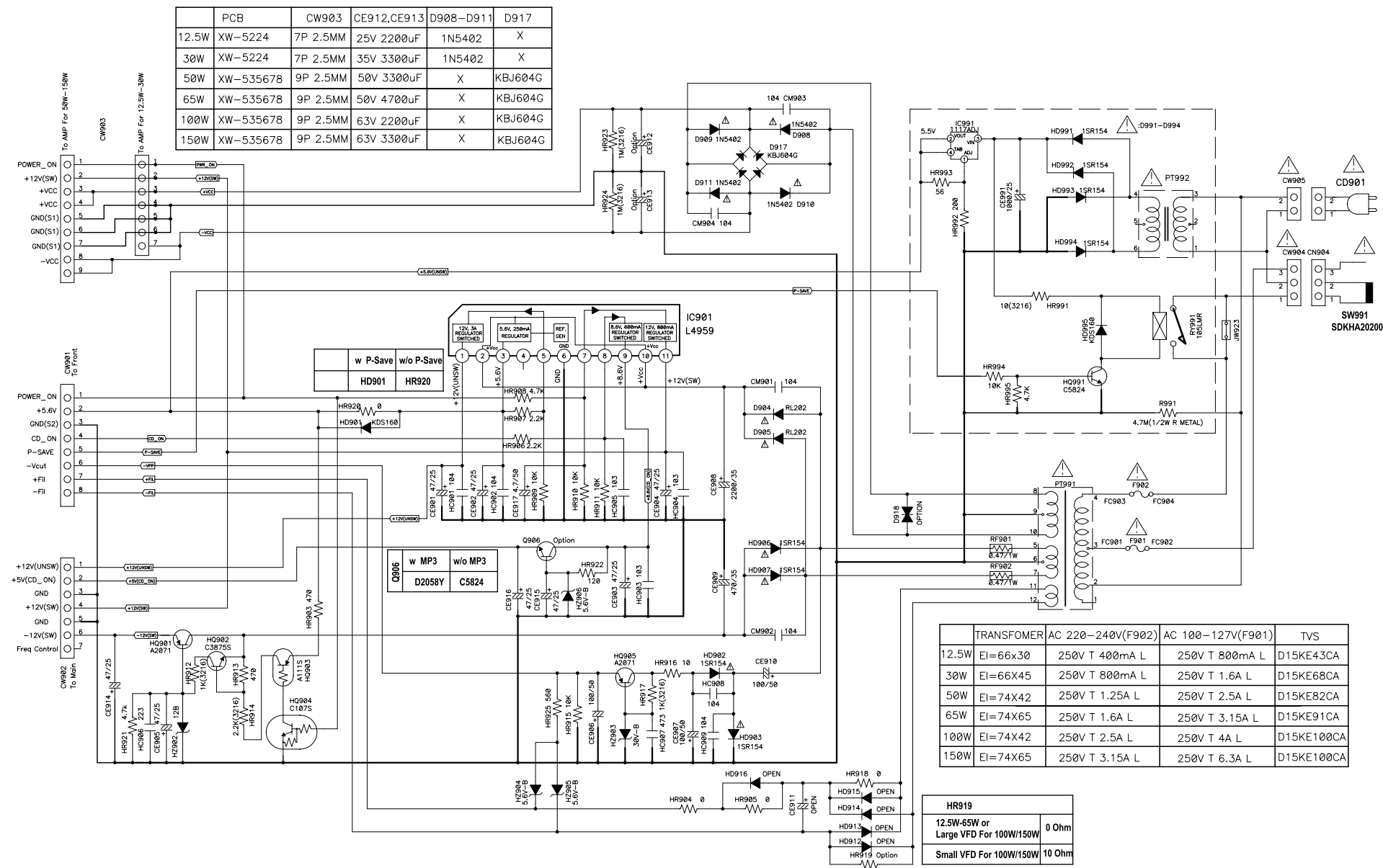
Schematic Diagram

- MIC Section : Karaoke Models only

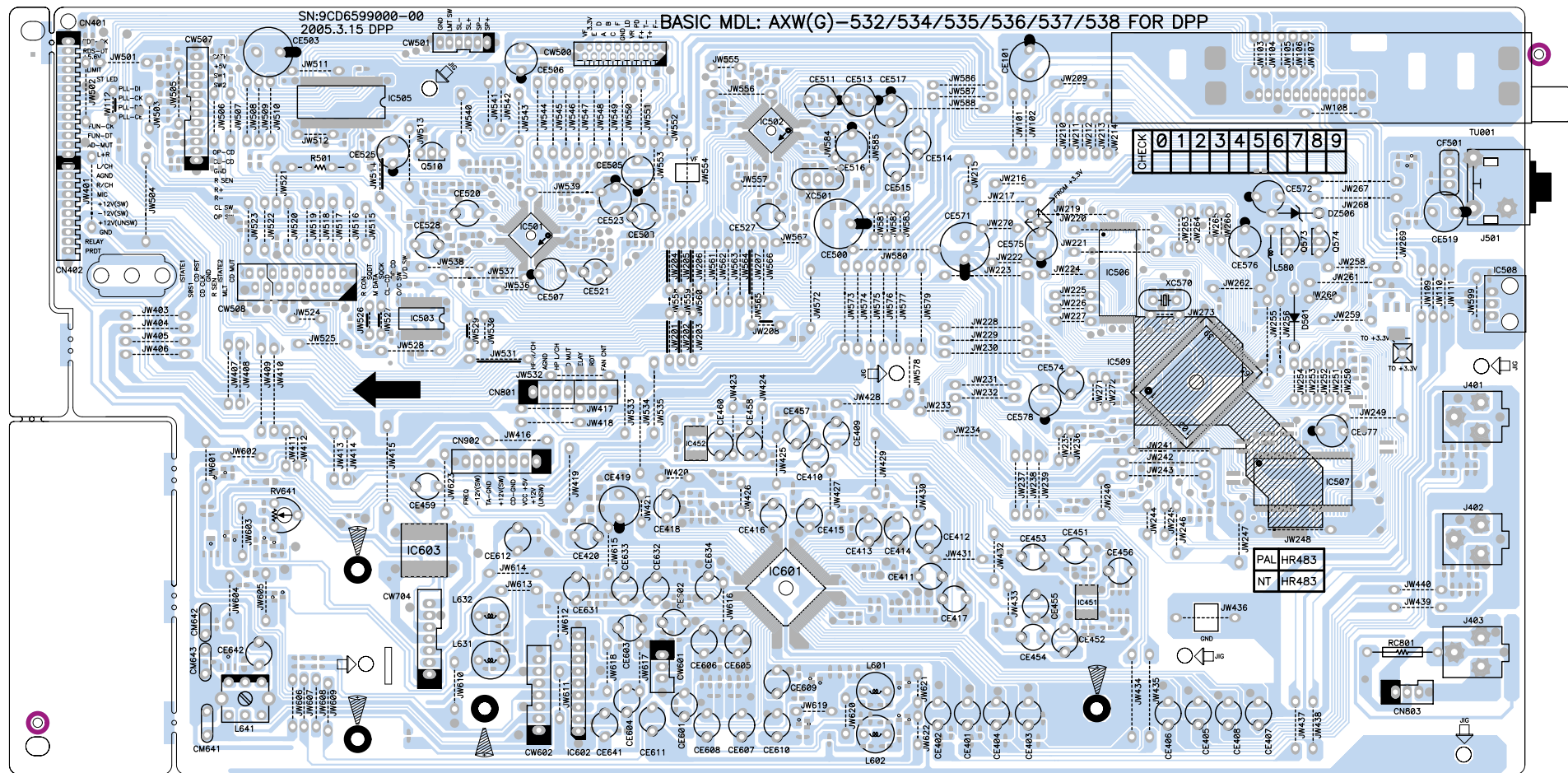


Schematic Diagram

● POWER Section



<Top View>

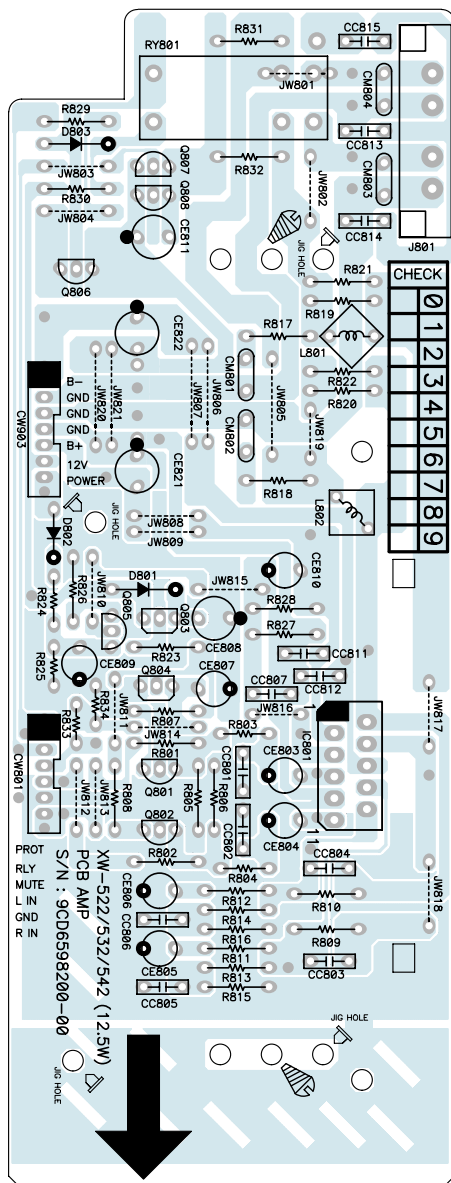




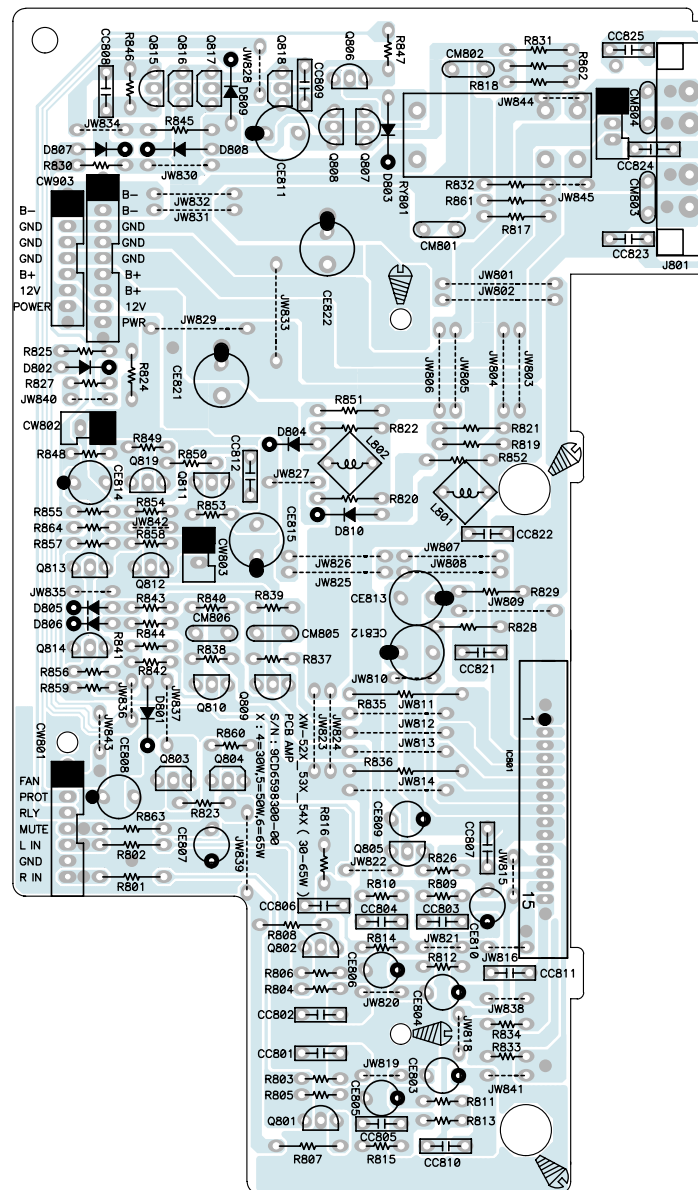
P.C.B Pattern Layout

● AMP Section <Top View>

<XG-522[V]/532[V], XW-522/532 Models Only>



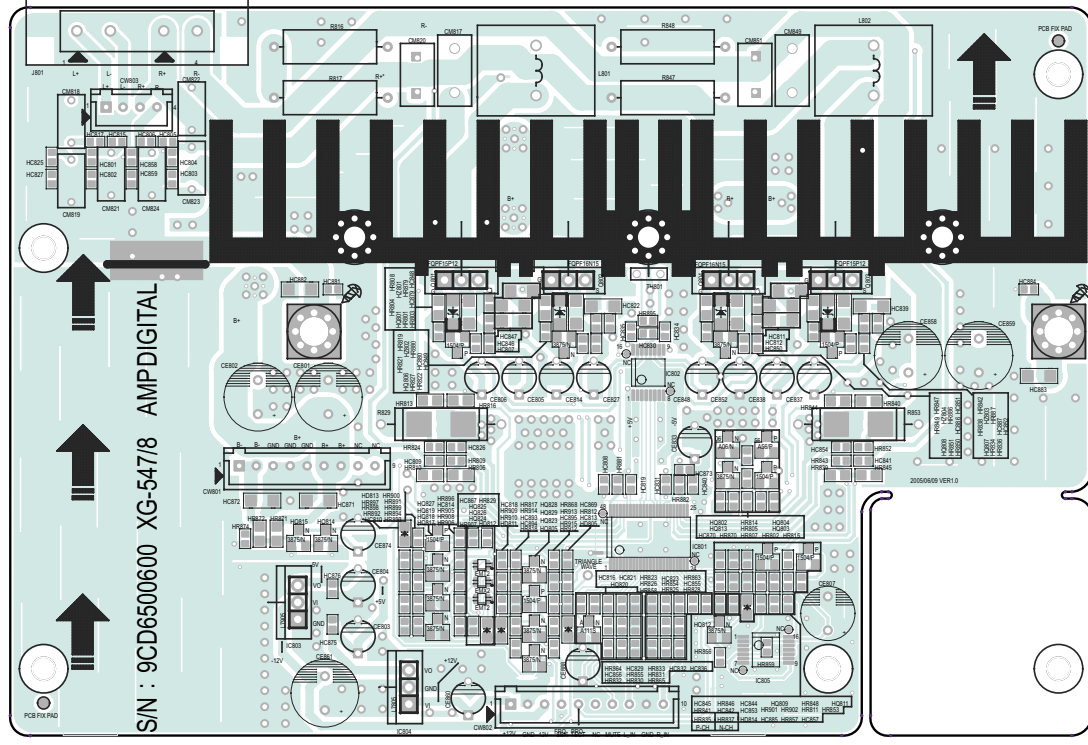
<XG-524[V][K]/525[V][K]/526[V][K]/534[V][K]/535[V][K]/536[V][K],
XW-524[K]/525[K]/526[K]/534[K]/535[K]/536[K] Models Only>



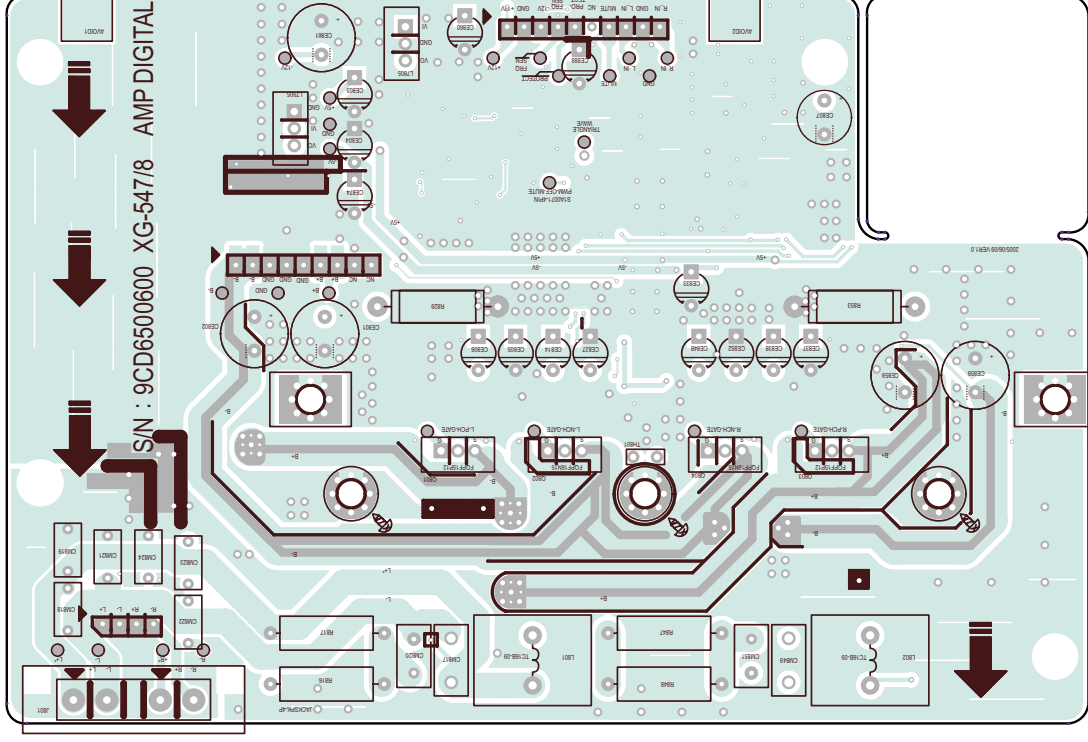
P.C.B Pattern Layout

- DIGITAL AMP : **XG-527**[V][K]/528[K]/537[V][K]/538[K] Models only

<Top View>



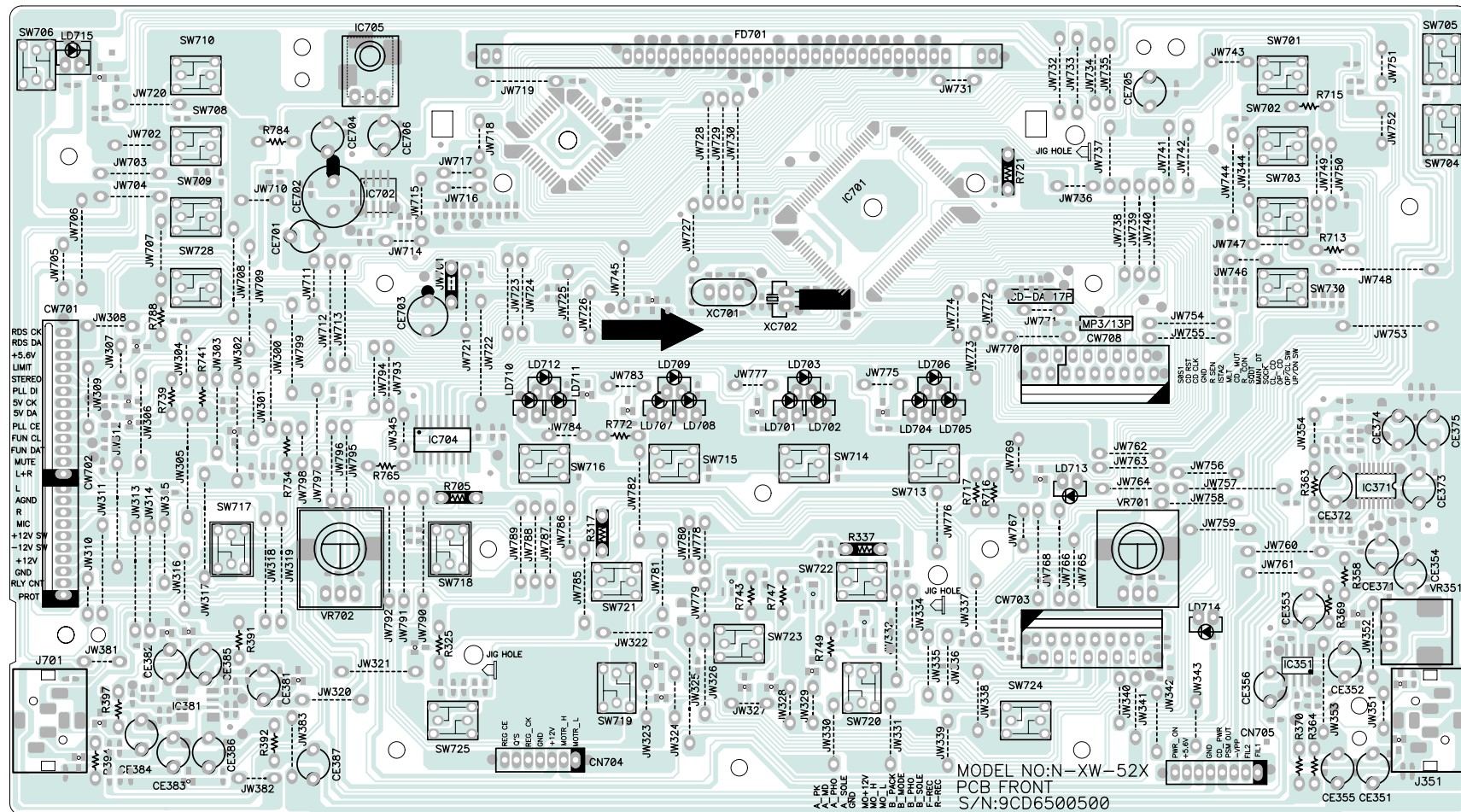
<Bottom View>



P.C.B Pattern Layout

- FRONT : **XG-52x[V][K]**, XW-52x[K] Series Models Only

<Top View>



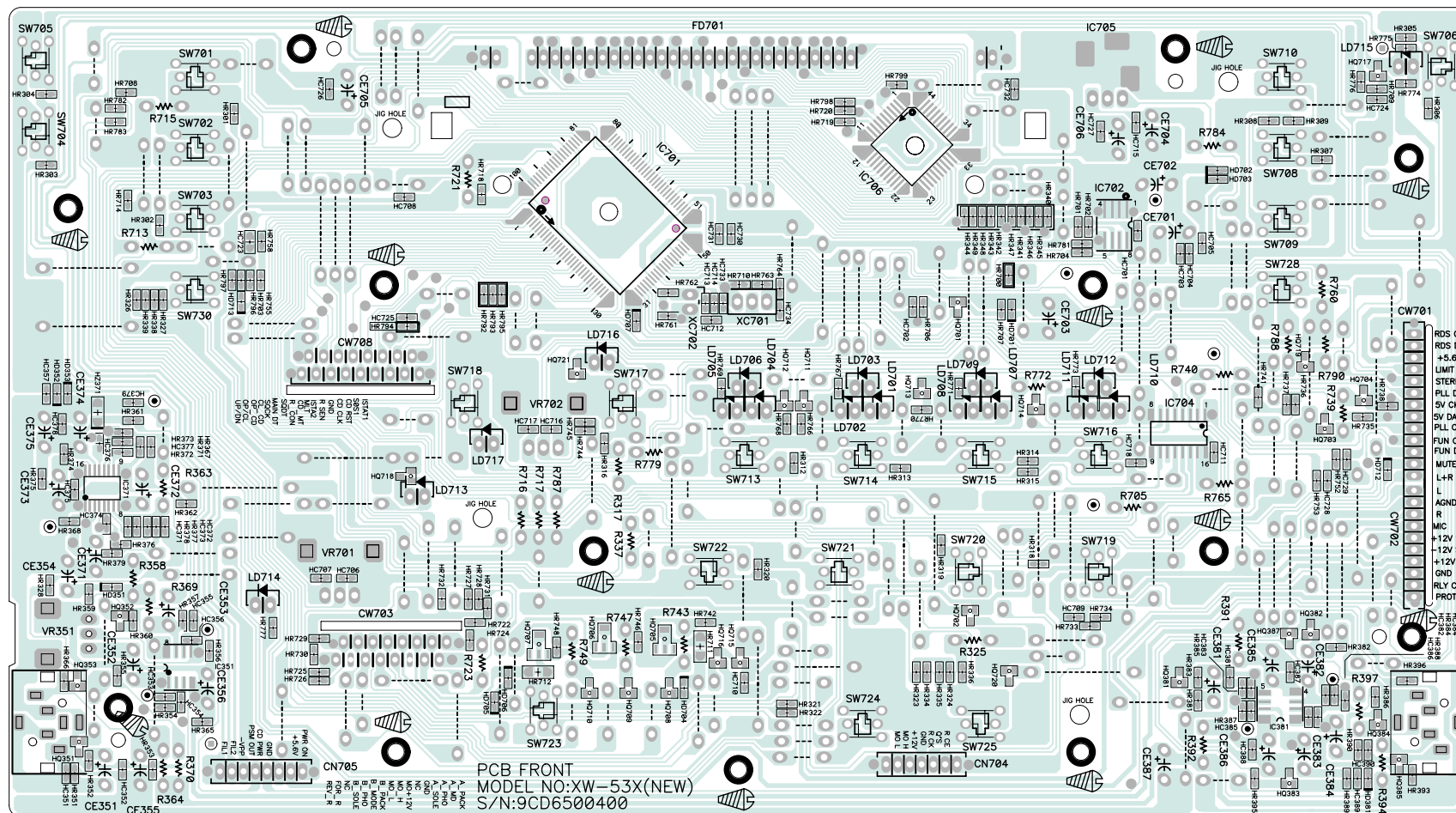
● FRONT : **XG-53x[V][K]**, XW-53x[K] Series Models Only

[illegible]

P.C.B Pattern Layout

- FRONT : **YG-53x[V][K]**, XW-53x[K] Series Models Only

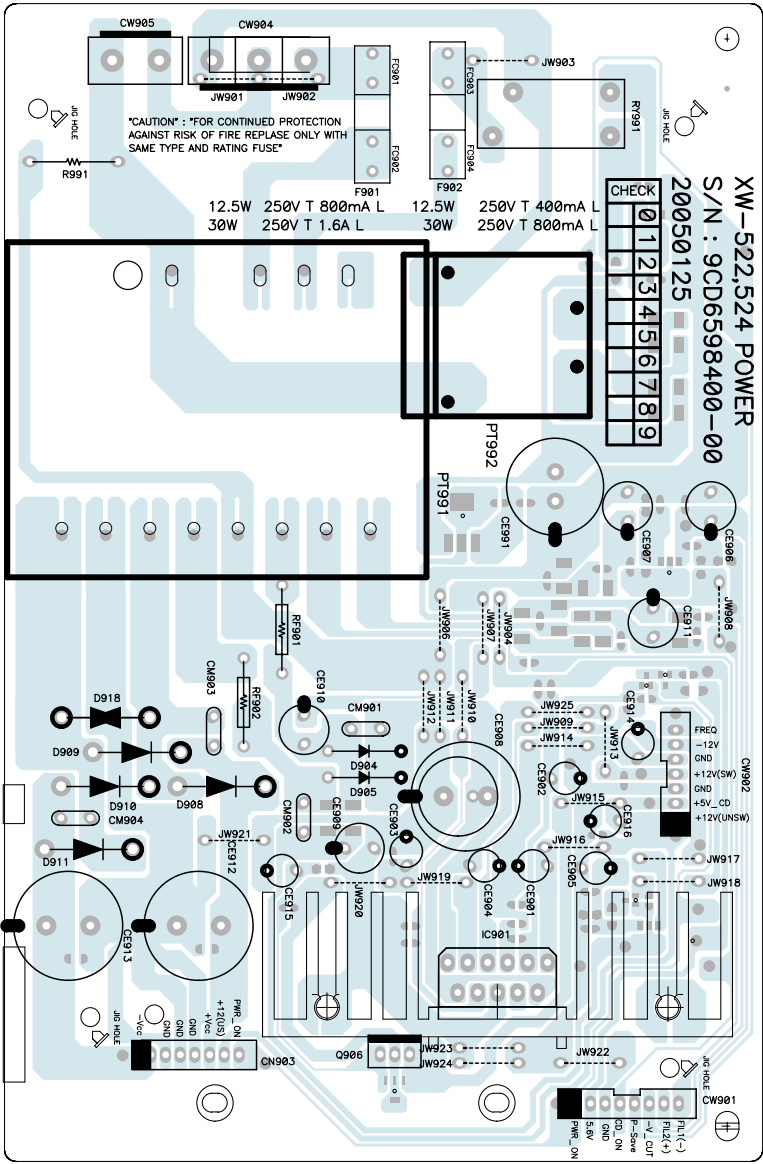
<Bottom View>



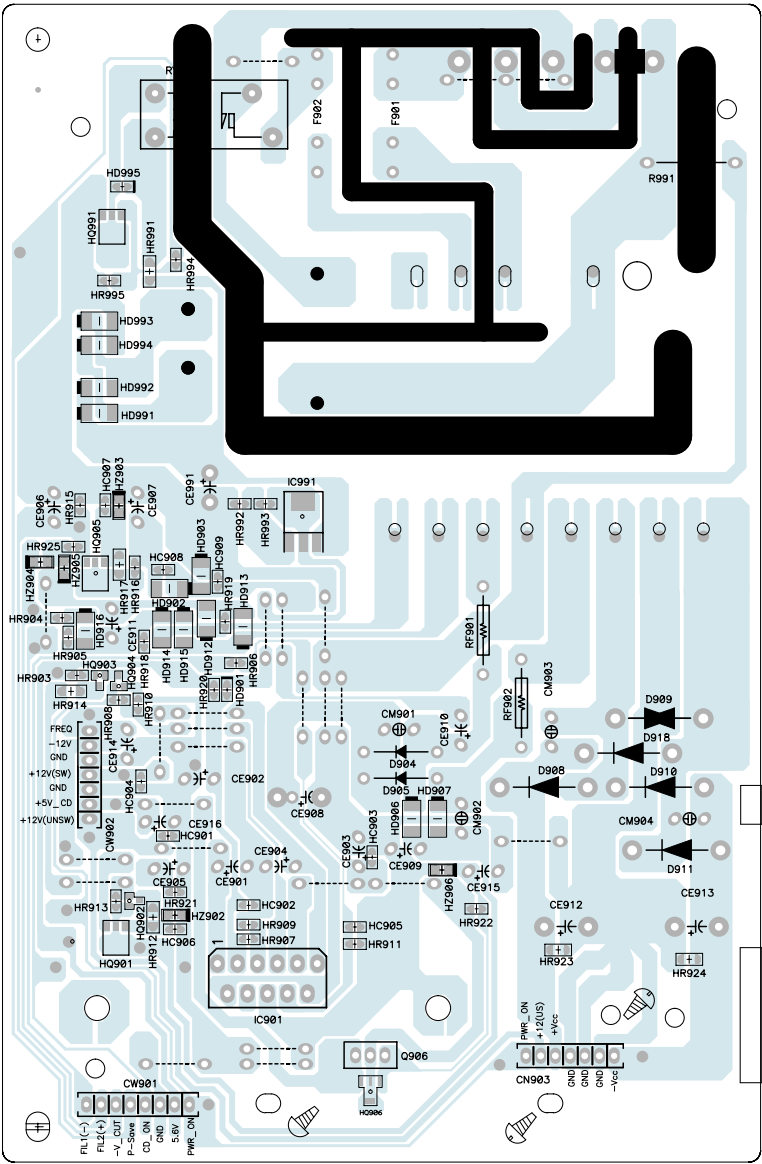
P.C.B Pattern Layout

● POWER

<Top View>



<Bottom View>



Electrical Part List

Front PCB ASS'Y [9CDC078100] : PCB FRONT AS

Location	Part Code	Part Name	Description	Remark
FD701	DHNA11MS26	VFD	HNA-11MS26	
HD351 HD352 HD353 HD381 HD701 HD702 HD703 HD704 HD705 HD706 HD707 HD712 HD713	DZDS160---	DIODE SW CHIP	KDS160(KDS511)	
HQ351 HQ352 HQ353 HQ704	TZTC3875S-	TR CHIP	KTC3875Y	
HQ381 HQ382 HQ385 HQ702 HQ703	TZRC111S--	TR CHIP	KRC111S	
HQ383 HQ384	TZTD1304--	TR CHIP	KTD1304	
HQ387 HQ711 HQ712 HQ713 HQ714 HQ715	TZRA111S--	TR CHIP	KRA111S	
HQ701 HQ708 HQ709 HQ710 HQ716 HQ717 HQ718 HQ720 HQ721	TZRC107S--	TR CHIP	KRC107S	
HQ705 HQ706 HQ707	T2SA2071--	TR CHIP	2SA2071	
HQ719	TZRA107S--	TR CHIP	KRA107S	
IC351	1NJM4558M-	IC	NJM4558M	Karaoke model only
IC381	1BA4560F--	IC H/P AMP	BA4560F	
IC701	13776522V-	IC U-COM	M3776AMCH-1B9GP	
IC702	1M24C04MN-	IC EEPROM	M24C04MN SOP	
IC704	1F4094BM1T	IC	HCF4094M013TR	
IC705	1HK381B-DW	IC PRE AMP	HK381BT-DW	
IC706	1PT6315---	IC	PT6315	
J351 J701	9736325300	JACK H/P	HTJ-035-18A	
LD701 LD702 LD704 LD705 LD707 LD708 LD710 LD711	DSL332MC3F	LED	SLR332MC3F(GREEN)PI3	
LD703 LD706 LD709 LD712 LD715	DSL332VC3F	LED	SLR332VC3F(RED)PI3	
LD713 LD714 LD716 LD717	DMT-463UBD	LED	MT-463UBD/W60	
SW701 SW702 SW703 SW704 SW705 SW706 SW708 SW709 SW710 SW713 SW714 SW715 SW716 SW719 SW720 SW721 SW722 SW723 SW724 SW725 SW730	5S50101Z67	SW TACT	SKHV 10920A, 5MM	
SW728	5S50101001	SW TACT	KPT-1105A 1C-1P	
VR351	5V1503730B	VOL MIC	XV09211NPV20F1-B50K	
VR701	5SH1224375	SW ENCODER	RE0123PVB25FINB 1-2-24 PCE	
VR702	5SH1224379	SW ENCODER	RE012308PVB25FINB1-2-24 PCE	XG-53 series
VR702	5SH1224375	SW ENCODER	RE0123PVB25FINB 1-2-24 PCE	XG-52 series
VR351	5V1503730B	VOL MIC	XV09211NPV20F1-B50K	
XC701	5XJ16R000C	X-TAL	JWT-16.000-US	

Main PCB ASS'Y [9CDC077200] : PCB MAIN AS

Location	Part Code	Part Name	Description	Remark
D501	DIN4001---	DIODE	IN4001	
DZ506	DZTZ3R3B--	DIODE ZENER	MTZ-3.3B 52MM TAPPING	
HD401 HD402 HD500 HD501 HD502 HD641 HD642	DZDS160---	DIODE SW CHIP	KDS160(KDS511)	
HQ573 HQ574 HQ643 HQ644	TZTA1504S-	TR CHIP	KTA1504S	
HQ601 HQ602	TZTC3875S-	TR CHIP	KTC3875Y	
HQ603 HQ604 HQ642	TZRC111S--	TR CHIP	KRC111S	
HQ641	TZRA107S--	TR CHIP	KRA107S	
HQ645	T2SA2071--	TR CHIP	2SA2071	
HQ646	T2SC5824--	TR CHIP	2SC5824	
HZ401	DRLZ5R1B--	DIODE ZENER CHIP	RLZ5.1B	
IC451 IC452	1NJM4558M-	IC	NJM4558M	
IC501	1S1L9226--	IC SSP	S1L9226	
IC502	1S5L9290--	IC DSP	S5L9290	
IC505	1BA5927FM-	IC MOTOR DRIVE	BA5927FM	
IC506	1EN29F040-	IC FLASH ROM	EN29F040AF	
IC507	1GL4160L16	IC EDO RAM	GLT4160L16_44	XG-52 series XG-53 series
IC509	1ES3890F--	DECORDER	ES3890F DECODER	
IC510	1LD1117S33	IC REGULATOR	LD117AS33TR 3.3V (TO-223)	
IC601	1BD3401KS2	IC PROCESSOR	BD3401KS2	
IC602	1BA3126N--	IC SWITCHING	BA3126N	
IC603	1F4094BM1T	IC	HCF4094M013TR	
L580	5CPZ100K02	COIL PEAKING	10UH K(AXIAL3.5MM)	XG-52 series XG-53 series
L601 L602 L631 L632	5LC333K804	COIL CHOKE	33MH K	
L641	5L0503K643	COIL BIAS OSC	SM-10F 5.04MH	
Q510	TZTSB564AY	TR	KSB564AC-Y	

Electrical Part List

Location	Part Code	Part Name	Description	Remark
Q573 Q574	TZTC8050-D	TR	KTC8050-D	XG-52 series XG-53 series
R501	RN02B180JS	R METAL FILM	2W 18 OHM J SMALL	
RV641	RV1417222-	R SEMI FIXED	1/10 2.2K OHM B V6EK-PV1S	
TU001	9737652901	TUNER MODULE	KST-ML104MV1-E66	
W500	W1-BK12162	WIRE LEAD	1P #26 120MM BK UL 1007	
XC501	5XJ16R934C	X-TAL	HC-49/U 16.9344MHz 20PPM	
XC570	5XJ27M000E	CRYSTAL	HC-49/US 27MHZ 30PPM	XG-52 series XG-53 series

AMP PCB ASS'Y [9CDC07634] : PCB AMP AS

Location	Part Code	Part Name	Description	Remark
D801 D802	DZN4148---	DIODE	IN4148 AUTO 52MM	
IC801	1TDA7269A-	IC	TDA7269A	XW-522,532 XG-522,532
	1STK433030	R CHIP	STK433-030	XW-524,534 XG-524,534
	1STK433060	IC	STK433-060	XW-525,535 XG-525,535
	1STK433070	IC	STK433-070	XW-526,536 XG-526,536
Q801 Q802	TZTD1302Y-	TR	KTD1302Y AUTO	
Q803 Q804	TZRA111M--	TR	KRA111M(KSR2010) AUTO	
Q805	TZTC3198Y-	TR	KTC3198Y (2SC5343) AUTO	
R817 R818	RS-4Z100J-	R METAL OXIDE FILM	1/4 10 OHM J	
R828 R829	RS-4Z101J-	R METAL OXIDE FILM	1/4 100 OHM J	
R835 R836	RN02B228JS	R METAL FILM	2W 0.22 OHM J	
R861 R862	RS-4Z100J-	R METAL OXIDE FILM	1/4 10 OHM J	
D801 D802	DZN4148---	DIODE	IN4148 AUTO 26MM	
Q801 Q802	TZTD1302Y-	TR	KTD1302Y AUTO	
Q803 Q804	TZRA111M--	TR	KRA111M	
Q805	TZTC3198Y-	TR	KTC3198Y-(2SC5345Y) AUTO	

Digital Amp. PCB ASS'Y [9CDC077700] : PCB CLASS-D(XG-527/528/537/538, XW-527/528/537/538 only)

Location	Part Code	Part Name	Description	Remark
HD805 HD811 HD812 HD813 HD814	DZDS160---	DIODE SW CHIP	KDS160	
HQ801 HQ803 HQ807 HQ809 HQ811 HQ827 HQ829	TZTA1504S-	TR CHIP	KTA1504Y	
HQ802	TMMBTA06--	TR CHIP	MMBTA06	
HQ804	TMMBTA56--	TR CHIP	MMBTA56	
HQ820	TZRA111S--	TR CHIP	KRA111S	
HQ805 HQ806 HQ808 HQ812 HQ813 HQ814 HQ815 HQ817 HQ818 HQ819 HQ823 HQ828	TZTC3875S-	TR CHIP	KTC3875Y	
HQ824 HQ825	TEMT2-----	TR CHIP	EMT2 2SA1037AK X 2	
HQ826	TEMX2-----	TR CHIP	EMX2 2SC2412AK X 2	
R829 R853	HRF0507FEA	R CHIP METAL PLATE	1W 0.05 OHM F MPS-1 3216 1%	
R817 R837	RS03Y101J-	R METAL OXIDE FILM	3W 10 OHM J	
HZ801 HZ802 HZ803 HZ804	DRLZ10B---	CHIP DIODE ZENNER	RLZ 10B	
IC801	1S1A0071--	IC AUDIO PROCESSOR	S1A0071_401	
IC802	1S1A0051X-	IC FET DRIVER	S1A0051X	
IC803	1K1A7905AP	IC REGULATOR	K1A7905AP	
IC804	1K1A7805AP	IC REGULATOR	K1A7805AP	
IC805	174HC00PWR	IC	SN74HC00PWR TSSOP	
J801	9736320500	JACK SPEAKER	CJ9007-040	
L801 L802	5LF150K855	COIL FILTER	15uH(TC16B-09)	
Q801 Q803	DFQF15P12-	FET	FQPF15P12	

Power PCB ASS'Y [9CDC076900] : PCB POWER AS

Power PCB ASS'Y [9CDC077900] : PCB POWER AS XG-547(XG-5x7 only)

Power PCB ASS'Y [9CDC078000] : PCB POWER AS XG-548(XG-5x8 only)

Location	Part Code	Part Name	Description	Remark
D904 D905	DRL202----	DIODE	RL202	
D917	DKBJ604G--	DIODE	KBJ604G	
F901 902	5FSGB4012L	FUSE GLASS TUBE	TL 400mA 250V	
	5FSGB8012L	FUSE GLASS TUBE	TL 800mA 250V	
	5F1GB1622L	FUSE GLASS TUBE	TL 1.6A 250V	
	5FSGB1222R	FUSE GLASS TUBE	N/T 1.25A 250V	
	5FSGB1622L	FUSE GLASS TUBE	TL 1.6A 250V	
	5F1GB2522L	FUSE GLASS TUBE	TL 2.5A 250V	
	5F1GB3122L	FUSE GLASS TUBE	TL 3.15A 250V	
HD901	DZDS160---	DIODE SW CHIP	KDS160(KDS511)	

Electrical Part List

Location	Part Code	Part Name	Description	Remark
HD902 HD903 HD906 HD907 HD991 HD991 HD992 HD993 HD994 HD995	D1SR154---	DIODE RECTIFIER	1SR154-400 4526	
HQ901	T2SA2071--	TR CHIP	2SA2071	
HQ902	TZTC3875S-	TR CHIP	KTC3875Y	
HQ903	TZRA111S--	TR CHIP	KRA111S	
HQ904	TZRC107S--	TR CHIP	KRC107S	
HQ905	T2SA2071--	TR CHIP	2SA2071	
Q906	TZTD2058Y-	TR	KTD2058Y AUTO	XG-52 series XG-53 series
Q906	T2SC5824--	TR CHIP	2SC5824	XW-52 series XW-53 series
HQ991	T2SC5824--	TR CHIP	2SC5824	
HZ902	DRLZ12B---	DIODE ZENER CHIP	RLZ12B	
HZ903	DRLZ30D---	DIODE ZENER CHIP	RLZ30D	
HZ904 HZ905 HZ906	DRLZ5R6B--	DIODE ZENER CHIP	RLZ5.6B	
IC901	1L4959----	IC	L4959	
IC991	1AIC1117CY-	IC REGULATOR	AIC117-CY	
PT991	5TP0066949	TRANS POWER	EI=66X30 127/220V, 60Hz/50Hz	XW-522,532 XG-522,532
	5TP0066950	TRANS POWER	EI=66X45 127/220V,60/50Hz	XW-524,534 XG-524,534
	5TP0066951	TRANS POWER	EI=74 x 42 127/220V,60/50Hz	XW-525,535 XG-525,535
	5TP0066952	TRANS POWER	EI=74 x 65 127/220V, 60/50Hz	XW-526,536 XG-526,536
	5TP0074955	TRANS POWER	EI=74X42 127/230V, 60Hz	XG-5x7
	5TP8074956	TRANS POWER	EI=74X42 230V, 50Hz	XG-5x7 Europe
	5TP0074957	TRANS POWER	EI=74X62 127/230V, 60Hz	XG-5x8
	5TP8074958	TRANS POWER	EI=74X62 230V, 50Hz	XG-5x8 Europe
PT992	5TP8028829	TRANS POWER	EI=28X12 230V 50HZ	
R991	RN-2Y475J-	R METAL FILM	1/2 4.7M OHM J	
RF901 RF902	RF01F4780J-32	R FUSEABLE	1W 0.47 OHM (32 times)	
RY991	5SC2001A01	SW RELAY	SDT-S-105LMR	
Q802 Q804	DFQF16N15-	FET	FQPF16N15	

Remocon ASS'Y [9CDM055100/9CDM055200] : AM-51M(R) - XW-52x[K]/53x[K] models only
[9CDM058800/9CDM058900] : AM-53M(R) - XG-52x[K]/53x[K] models only
[9CDM054500] : AM-44V - XG-52xV[K]/53xV[K] models only
[9CDM054510] : AM-44VM - XG-52x[K]/53x[K] models only



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