

DAEWOO

Service Manual

MINI COMPONENT SYSTEM

Model : AMI-917L/917R

DAEWOO ELECTRONICS CO., LTD
OVERSEAS SERVICE DEPT.

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 IF 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.
 2. Carts and Stands - The appliance should be used only with a cart or stand that is recommended by the manufacturer.

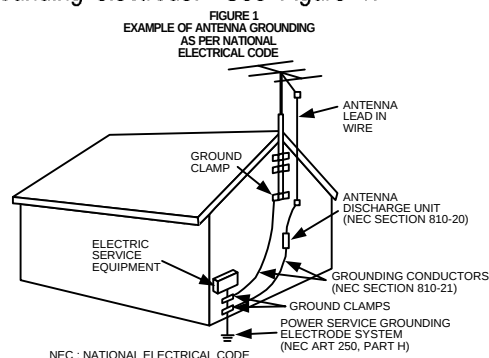
**PORTABLE
CART
WARNING**



FIGURE 2

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 - 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 and 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.

TABLE OF CONTENTS

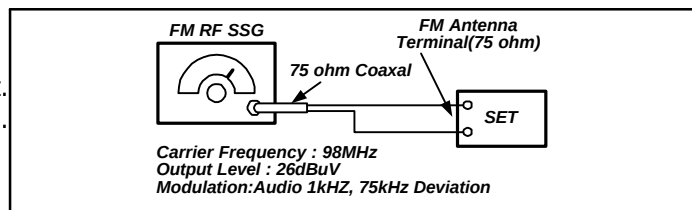
1. ADJUSTMENTS ----- 4/5 ◆TUNER SECTION ◆CD SECTION ◆TAPE SECTION 2. EXPLODED VIEW AND MECHANICAL PARTS LIST ----- 6/7 ◆AMI-917L/917R 3. WIRING DIAGRAM ----- 8 ◆AMI-917L/917R 4. BLOCK DIAGRAM ----- 9 ◆AMI-917L/917R 5. SCHEMATIC DIAGRAM ----- 10/16 ◆POWER/AMP ● AMI-917L/917R MAIN ● AMI-917L/917R POWER ◆CD ● AMI-917L/917R ◆TUNER ● AMI-917L/917R	◆TUNER-FTZ(OPTIONAL) ◆TAPE ● AMI-917L/917R ◆CONTROL ● AMI-917L/917R 6. P.C.B. PATTERN LAYOUT ----- 17/20 ▶POWER/AMP/TUNER/TAPE ● AMI-917L/917R MAIN ● AMI-917L/917R POWER ● AMI-917L/917R TAPE(810LN) ▶CD ● AMI-917L/917R ▶CONTROL ● AMI-917L/917R 7. ELECTRICAL PARTS LIST ----- 22/26 ▶AMI-917L/917R
--	---

1. ADJUSTMENTS

◆ TUNER SECTION

TEST EQUIPMENT

1. Signal Generator with a frequency range of FM broadcast.
2. Oscilloscope with a side amplifier of approximately 100 KHz.
3. FM 75/50Ω dummy antenna.
4. VTVM



FM ALIGNMENT

1. Turn on the FM signal generator and the VTVM allowing a 15 minutes warm-up period.
2. Connect the VTVM across the headphone jack or speaker terminal.
3. Set signal generator frequency as listed in ALIGNMENT CHART and maintain a sufficient output level to provide an indication on VTVM.

NOTE

1. Use a screwdriver with plastic or ceramic grip for all adjustments.
2. Standard test frequency 1 KHz and deviation 75 KHz for FM.

FM RF, IF ALIGNMENT CHART

Step	Item	Input Circuit Setup	Output Circuit Setup	Tuner Setting	Adjust Point	Adjustment
1	FM IF Adjustment	Connect stereo signal generator to FM ANT terminal(J001)	Connect DC voltmeter to edge R201	FM 98MHz 75KHz Dev. 26dB μ	L203	Adjust for DC 0V $\pm$ 0.1V
2.	Auto Stop Sensitivity	Connect stereo signal generator to FM ANT terminal(J001)	Connect DC voltmeter to edge of RV201	FM 98MHz 75KHz Dev. 26dB μ	RV201	Adjust for DC 1.17V $\pm$ 0.02V Confirm stereo indicator is lighted and L/R channel is separated.

Unless other specified set being switched FM mode, adjust generator's frequency to center of the FM band where no FM broadcast exists

Otherwise adjustment of FM usable sensitivity, frequency range for FM band are not needed, but confirm these data are satisfied with specification.

CAUTION : When realizing the FM receiving frequency the highest end of the frequency range should not be more than 108 MHz and the lowest end of the frequency range should not be less than 87.5 MHz, in order to comply with FTZ regulation in West Germany.

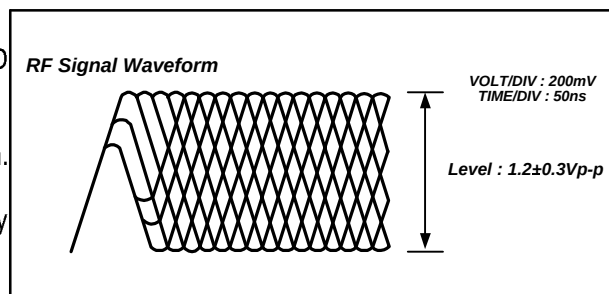
◆ CD SECTION

Note: 1. Use the oscilloscope with more than 10MΩ impedance.

2. Clean an object lens by an applicator with natural detergent when the signal level is low than specified value with the following checks.

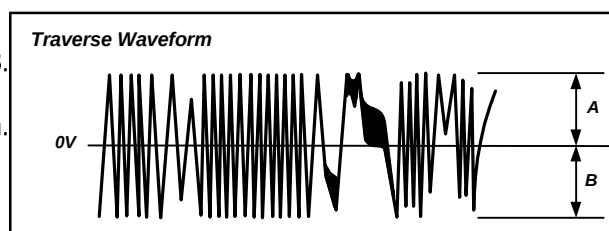
RF LEVEL CHECK

1. Connect oscilloscope to test point TP502 and IC502 Pin66 on CD PCB.
2. Press power switch on.
3. Put test disc(TCD-781) in and press play button then pause button.
4. Confirm that oscilloscope waveform is clear.
Clear RF signal waveform means that the shape can be clearly distinguished at the center of waveform.
5. Adjust RV501 to get a clear waveform and maximum amplitude



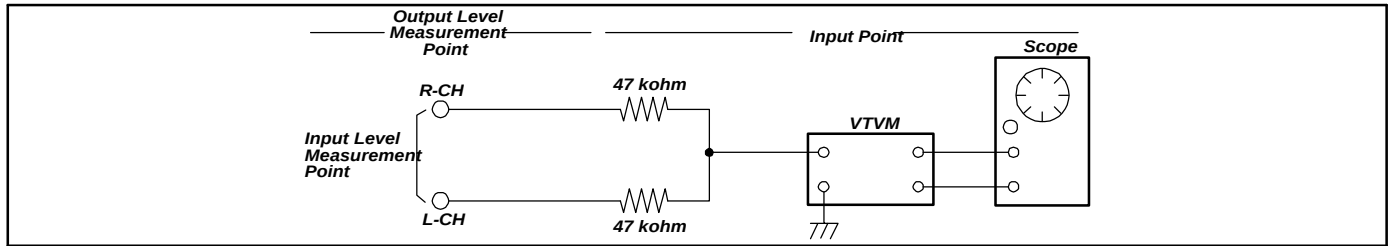
E-F BALANCE ADJUSTMENT

1. Connect oscilloscope to test point TP502 and TP503 on CD PCB.
2. Press power switch on.
3. Put test disc(TCD-781) in and press play button then pause button.
4. Pressing Fast Forward button, adjust RV502 to get that the oscilloscope waveform is symmetrical on the bottom in relation to 0V, and check this level.



* Design and specifications may be subject to change without notice.

◆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 L603 to obtain 80 KHz $\pm$ 100Hz

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	RV601	Line Out L/R Channel	Confirm Wow & Flutter is within 0.35%	FIG.1
			3,000~3,010Hz	MTT-111N	RV601	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	-----	Shorted TP601, TP602	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	L603	TP603, GND	Adjust with frequency counter connected.	FIG.1

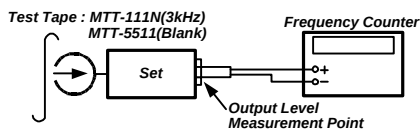


FIG. 1 : Tape Speed & Record Bias Oscillator Frequency Adjust Circuit

Adjust with Frequency Counter Connected

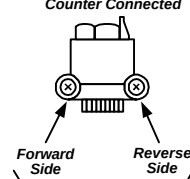


FIG. 2 : Tape Azimuth Adjust Location (Record/Playback Head)

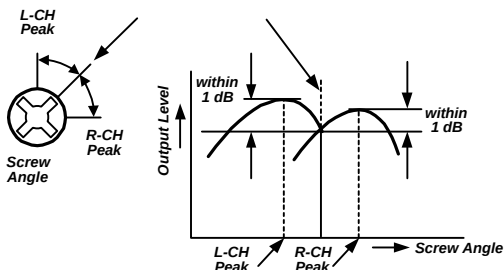


FIG. 3 : Tape Azimuth Adjust Head Screw & Waveform

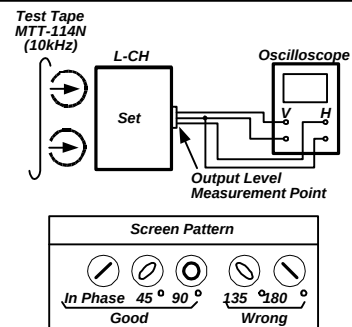
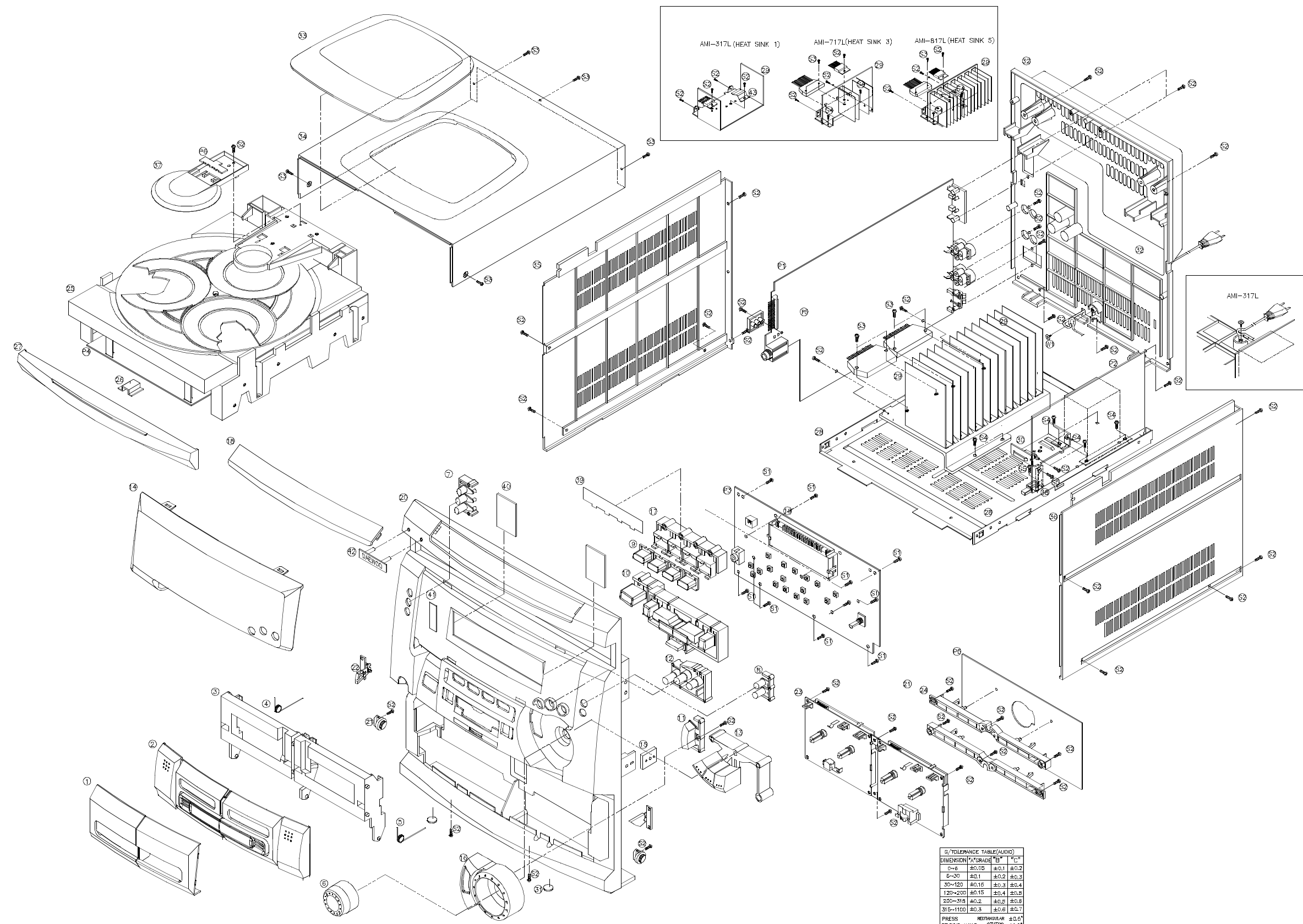


FIG. 4 : Tape Azimuth Adjust Circuit & Waveform

2. EXPLODED VIEW AND MECHANICAL PARTS LIST

◆ AMI - 917L / 917R



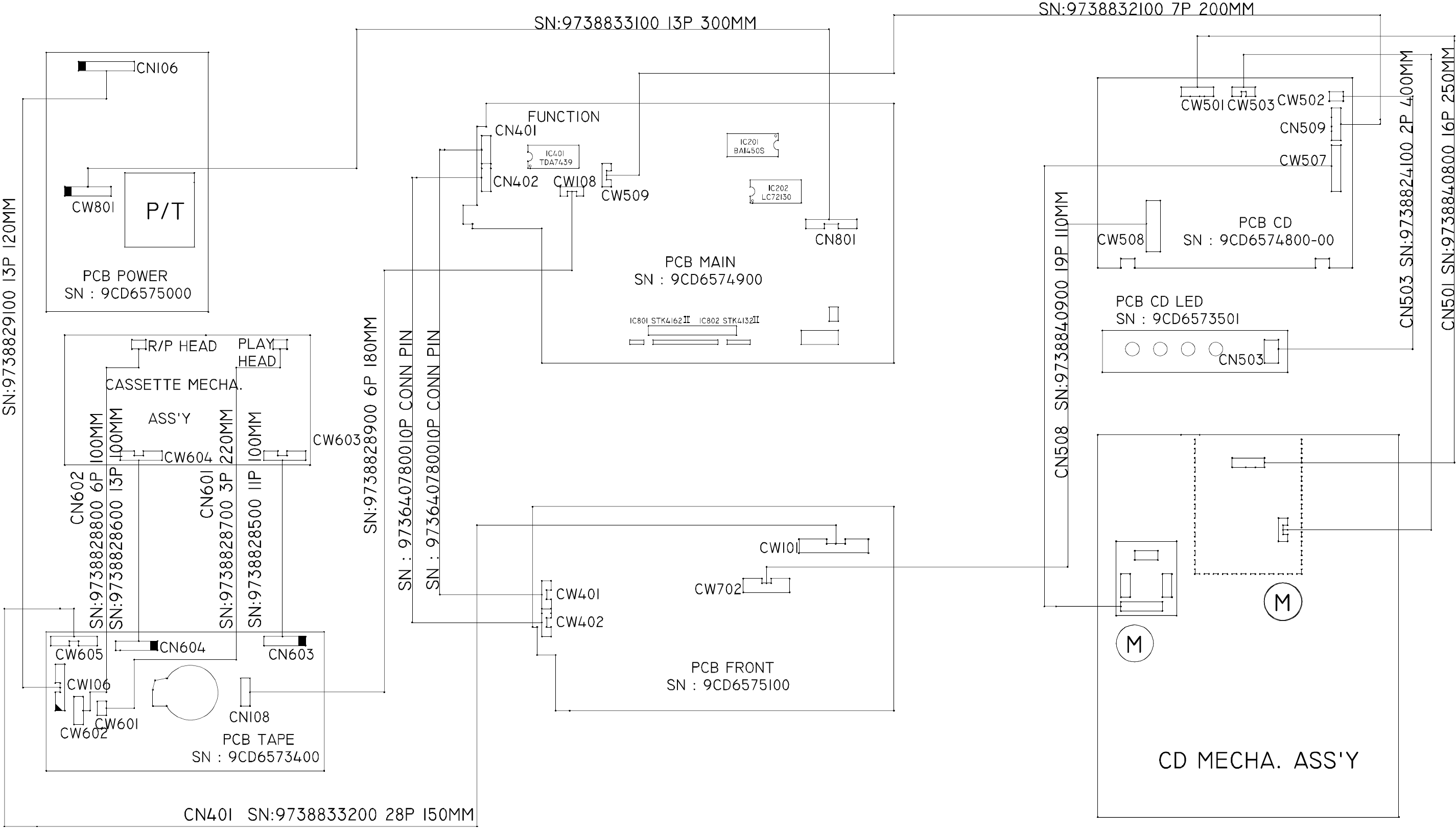
3. TOLERANCE TABLE(AVOID)			
DIMENSION	GRADE	"B"	"C"
0~5	±0.05	±0.1	±0.2
5~30	±0.1	±0.2	±0.3
30~120	±0.15	±0.3	±0.4
120~200	±0.15	±0.4	±0.5
200~315	±0.2	±0.5	±0.6
315~1100	±0.3	±0.6	±0.7
PRESS	RECTANGULAR	±0.6°	
BENDING ANGLE	OTHERS	±1.0°	

◆AMI-917L/917R

No.	Parts Name	Parts Code	Description	Q'ty
1	WINDOW DOOR A/B	9CD1613900	ACRYL	1
	WINDOW DOOR A/B	9CD1614000	ACRYL	1
2	COVER DOOR A/B	9CD0410200	MIPS	1
	COVER DOOR A/B	9CD0410300	MIPS	1
3	DOOR FRAME A/B	9CD1809400	ABS	1
	DOOR FRAME A/B	9CD1809500	ABS	1
4	SPRING DOOR EJECT L	9CD30078L0	SUS D0.8	1
5	SPRING DOOR EJECT R	9CD30078R0	SUS D0.8	1
6	KNOB VOLUME	9CD1334400	ABS	1
7	KNOB EQ	9CD1334600	ABS	1
8	KNOB OPEN	9CD1335900	ABS	1
9	KNOB FUNCTION	9CD1334300	ACRYL CLEAR	4
10	KNOB MODE	9CD1334900	ABS	1
11	KNOB SUPER	9CD1334500	ABS	1
12	KNOB DISC	9CD1334200	ACRYL MILKY	1
13	KNOB REC	9CD1334700	ABS	1
14	WINDOW FLT	9CD1613700	ACRYL	1
15	BRKT.SIDE	9CD2412900	ABS 1.5GR	2
16	DECO VR	9CD1002400	MIPS	1
17	COVER LED	9CD0409700	MIPS WHITE	1
18	WINDOW DECO	9CD1613800	ACRYL SMOG	1
19	GUIDE FLT	9CD2505900	AMI-317L,AMI-717L	-
	GUIDE FLT	9CD2505600	AMI-817L,AMI-917L	1
20	PANEL FRONT	9CD0305900	MIPS	1
21	DAMPER ASSY	9CDM029800	ABS/ACETAL	2
22	LOCKER ASSY	9CDM029900	ABS/ACETAL	2
23	CASS.DECK(A/S)	9CD6007000	S/S ADR-2138MW	1
	CASS.DECK(A/S)	9CD6006800	S/S ADR-2136SW	-
24	HOLDER PCB DECK	9CD2303600	MIPS 16.5GR(AMI-917L)	2
25	CD DECK MECHA.	9CD6006900	DCC-01B	1
26	HEAT SINK	9CD4402800	BSP 0.5T	1
27	DOOR CD	9CD1809300	MIPS	1
28	CHASSIS BOTTOM	9CD0607100	AMI-717L,AMI-817L,AMI-917L	1
	CHASSIS BOTTOM	9CD0607500	AMI-317L	-
29	HEAT SINK 1	9CD4404500	AL	-
	HEAT SINK 3	9CD4404600	AL	-
	HEAT SINK 5	9CD4404700	AL	-
	HEAT SINK 7	9CD4404300	AL	1
	HEAT SINK P	9CD4404200	AL T2.0	1
31	CUSHION FOOT	9CD4207700	URETHAN FOAM RUBBER	2
32	COVER BACK	9CD0409801	MIPS	-
	COVER BACK	9CD0409803	MIPS	-
	COVER BACK	9CD0409804	MIPS	1
33	WINDOW TOP	9CD1612900	ACRYL SMOG	1
34	COVER TOP	9CD0409600	MIPS	-
	COVER TOP	9CD0409100	MIPS	-
35	COVER SIDE L	9CD0409200	MIPS	1
36	COVER SIDE R	9CD0409300	MIPS	1
37	DECO TOP	9CD1002200	ACRYL CLEAR	1
38	BRKT.PCB A	9CD2413100	SECC 1.0T	1
39	FILTER LED	9CD4700700	PC 0.15T	1
40	PLATE FLT	9CD0909800	PVC SHEET T1.0	-
41	PLATE FUNCTION	9CD0910000	PVC SHEET T0.5	1
42	BADGE DAEWOO	9CD1500900	ABS HOT STAMPING	1
43	BRKT.HEAT TR.	9CD2413900	SUS T0.4	-
44	HOLDER AC CORD	9CD2303300	ABS 4.0GR	1
P1	PCB MAIN	9CD6574900	AMI-917L	1
	PCB MAIN	9CD6575200	AMI-317L	-
	PCB MAIN	9CD6575300	AMI-717,817L	-
P2	PCB POWER	9CD6575000	AMI-917L	1
P3	PCB FRONT	9CD6575100	AMI-917L	1
	PCB FRONT	9CD6575600	AMI-817L	-
	PCB FRONT	9CD6575900	AMI-317,717L	-
P4	PCB CD	9CD6574800	AMI-317,717,817,917L	1
P5	PCB DECK	9CD6573400	AMI-917L	1
P6	PCB LED	9CD6574801	AMI-817L,AMI-917L	1
S1	SCREW TAPTTITE	7173261011	TT2 BIN 2.6X10 MFZN	18
S2	SCREW TAPTTITE	7173301012	TT2 BIN 3.0X10 BK	38
S3	SCREW TAPTTITE	7173301212	TT2 BIN 3.0X12 BK	9
S4	SCREW TAPTTITE	7173400611	TT2 BIN 4X6 MFZN	6
S5	SCREW TAPTTITE	7173300611	TT2 BIN 3X6 MFZN	2
W1	WASHER SCREW	9CD3102400	TT2 BIN 3X10 + D14	1

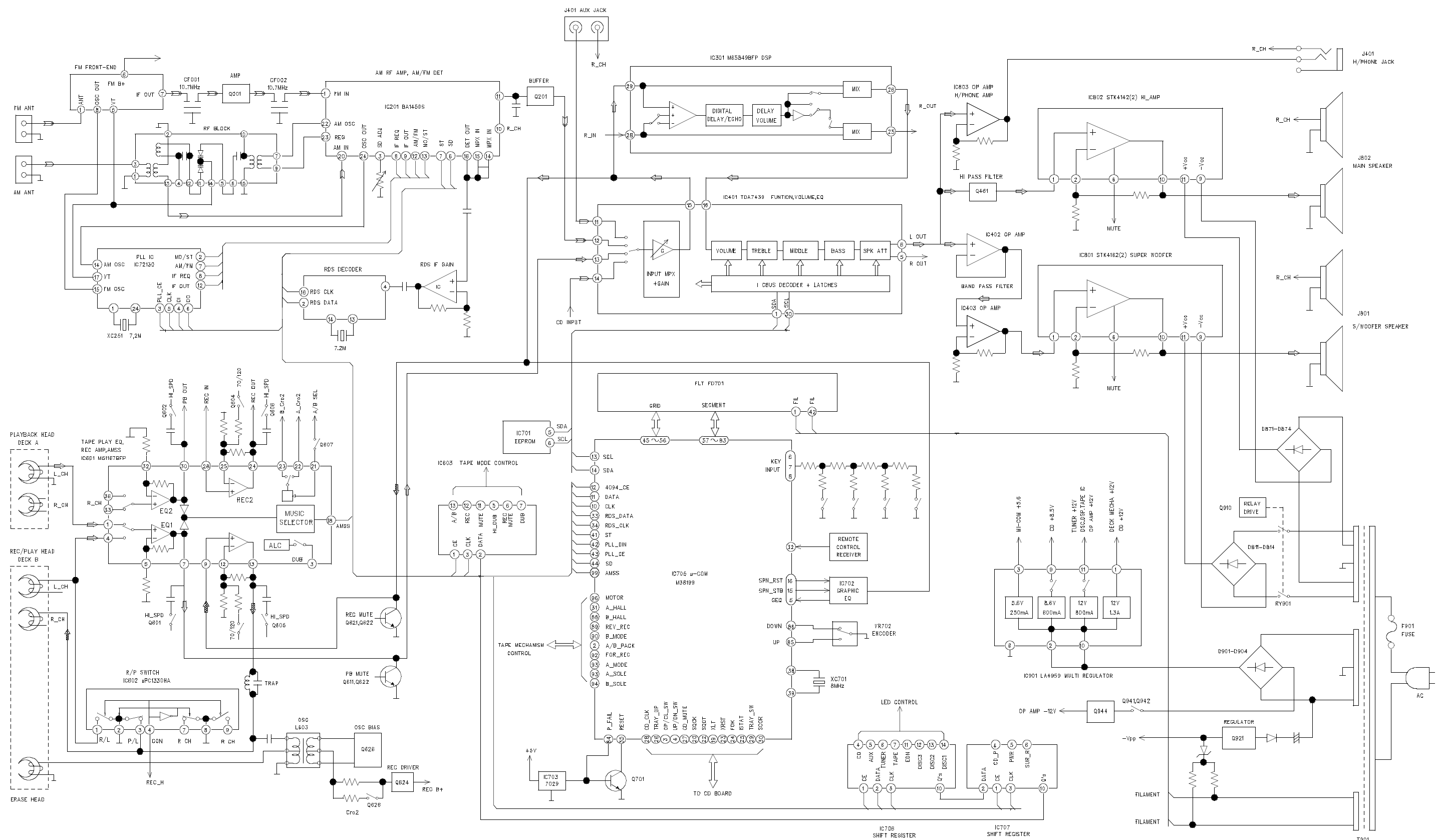
3. WIRING DIAGRAM

◆ AMI - 917L / 917R



4. BLOCK DIAGRAM

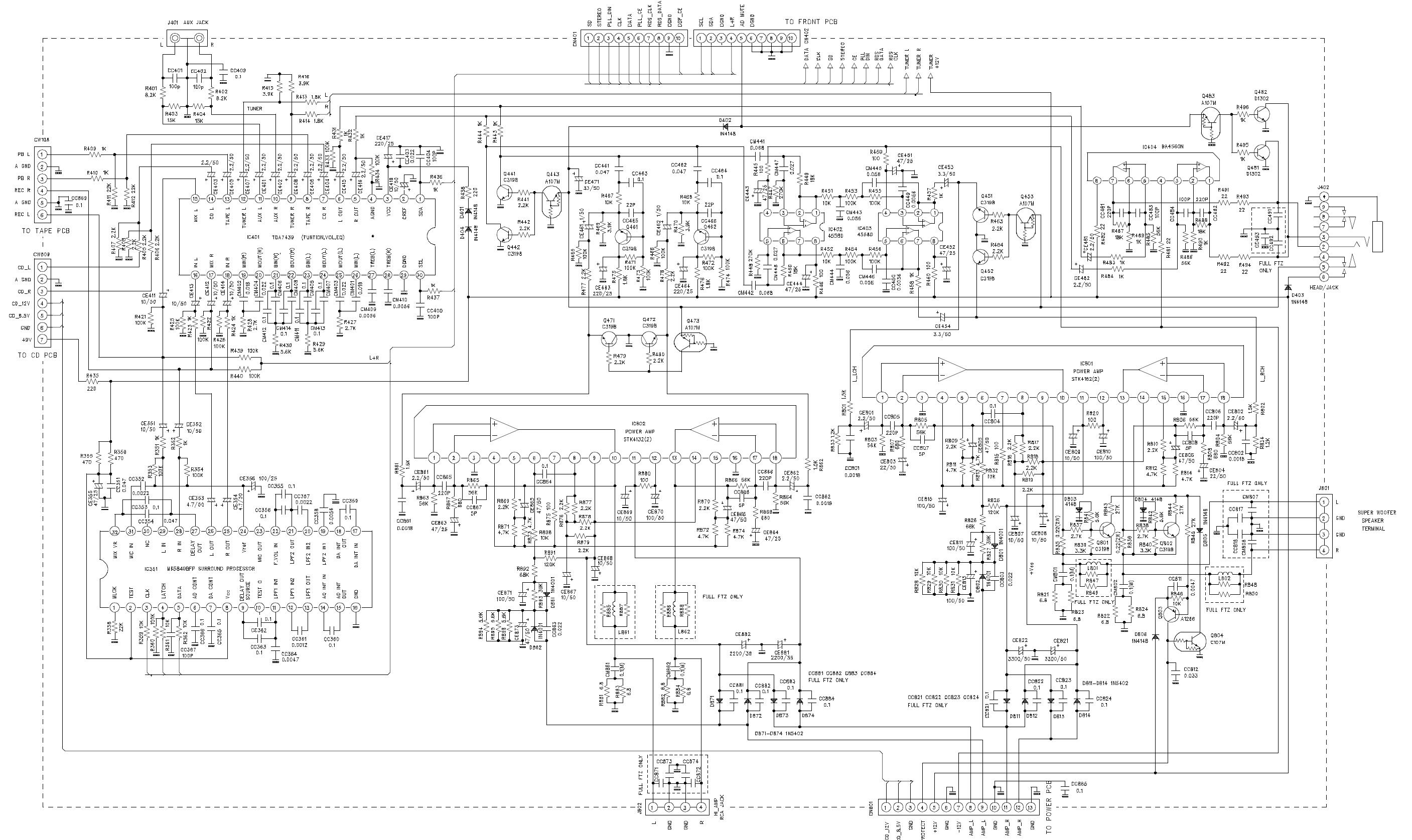
◆ AMI - 917L/917R



5. SCHEMATIC DIAGRAM

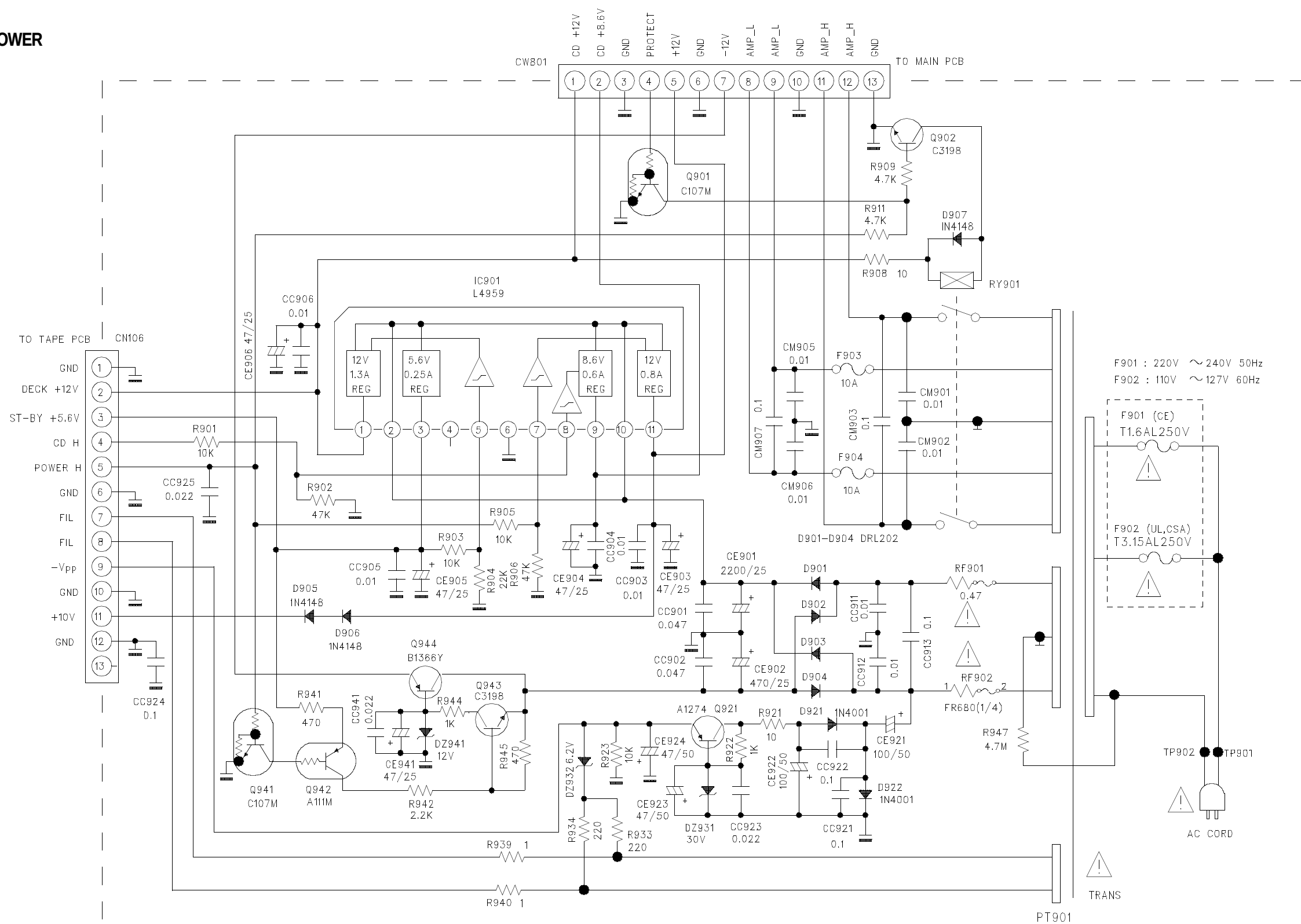
◆ POWER / AMP

◆ AMI - 917L / 917R MAIN



◆ POWER / AMP

◆ AMI - 917L / 917R POWER



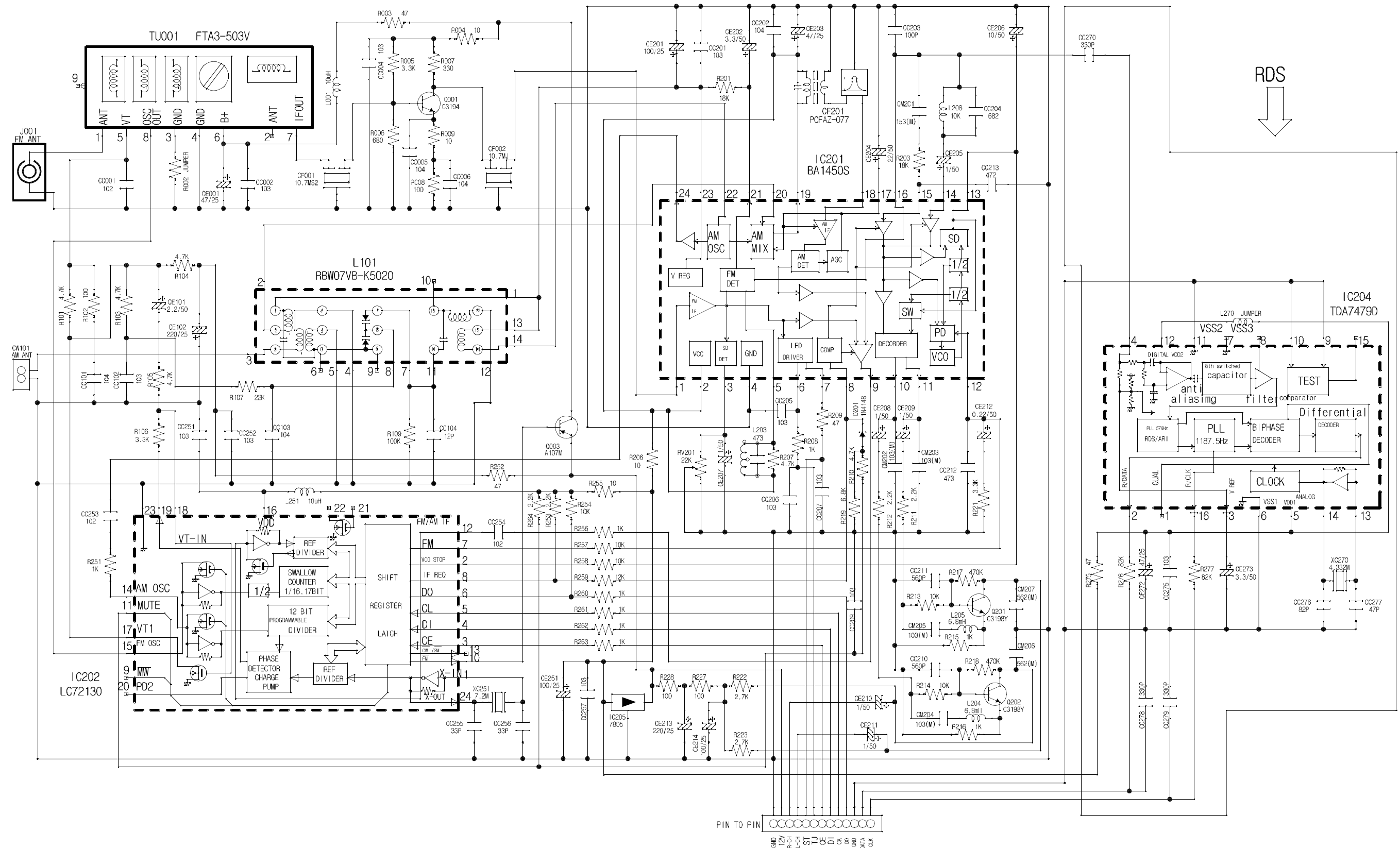
BEFORE RETURNING THE RECEIVER TO CUSTOMER, APPROPRIATE LEAKAGE CURRENT OR RESISTANCE SHOULD BE CONDUCTED TO DETERMINE THAT EXPOSED PARTS ARE PROPERLY INSULATED FROM THE SUPPLY CIRCUIT

NOTE : THE COMPONENTS IDENTIFIED BY MARK  ARE CRITICAL FOR SAFETY. REPLACE ONLY WITH SAME TYPE PARTS SPECIFIED.
WARNING : FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS (REFER TO PARTS LIST)

◆ **AMI - 917L / 917R**



◆ TUNER
◆ AMI - 917L / 917R

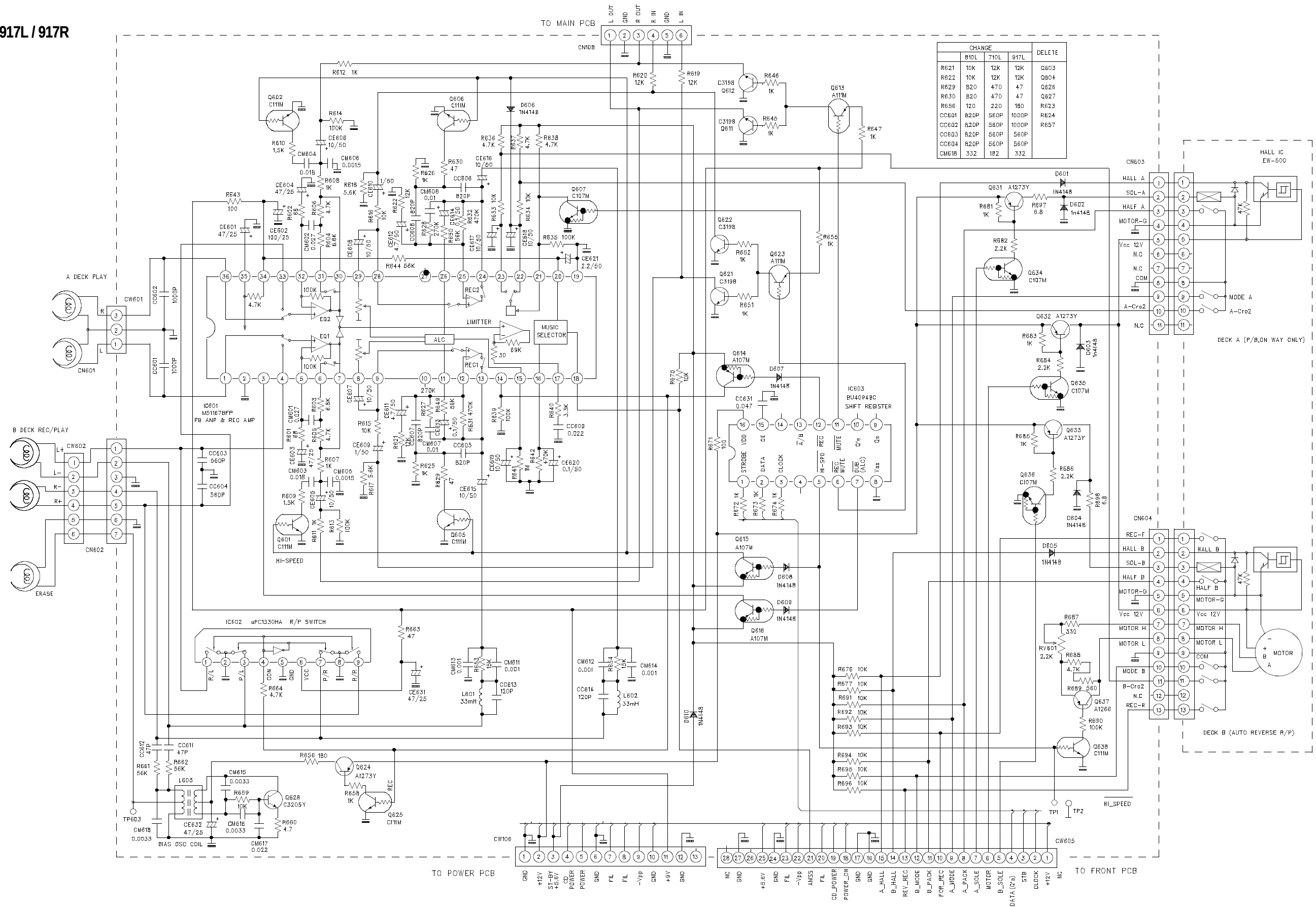


◆ **AMI - 917L / 917R**

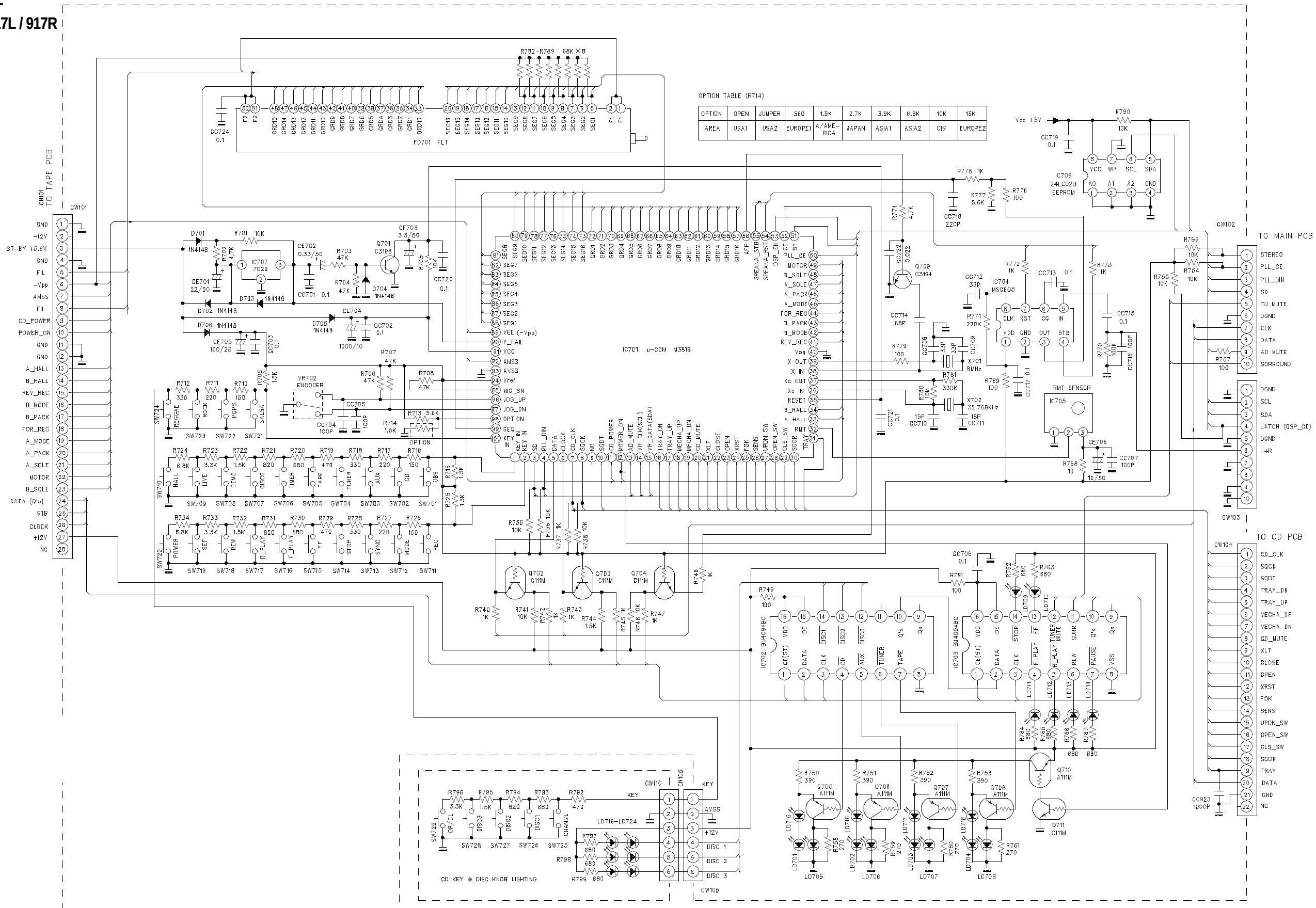


◆ TAPE

◆ AMI - 917L / 917R



◆ CONTROL
◆ AMI - 917L / 917R



6. PCB PATTERN LAYOUT

▶POWER/AMP/TUNER/TAPE

- AMI-917L/917R MAIN

- **AMI-917L/917R POWER**

- AMI-917L/917R TAPE(810LN)

▶CD

- AMI-917L/917R/

- **CONTROL**
- **AMI-917L/917R**

7. ELECTRICAL PARTS LIST

►AMI-917L/917R

No	Parts Name	Parts Code	Description	Q'ty		Location
				917 LS	917 LSR	
1	AM RF UNIT	5LR0000826	RBW07VB-K5020	1	1	L101
2	ANT AM LOOP	5LA180K828	LOOP-7	1	1	AT101
3	ANTENNA FM	9736806000	2M T-ANT	1	1	AT102
4	C CERA	CCXB1H101K	50V B 100PF K (TAPPING)	1	1	CC203
5	C CERA	CCXB1H102K	50V B 1000PF K (TAPPING)	3	3	CC001 CC253 CC254
6	C CERA	CCXB1H122K	50V B 1200PF K (TAPPING)	1	1	CC361
7	C CERA	CCXB1H182K	50V B 1800PF K (TAPPING)	4	4	CC801 CC802 CC861 CC862
8	C CERA	CCXB1H221K	50V B 220PF K (TAPPING)	7	7	CC481 CC482 CC711 CC805 CC806 CC865 CC866
9	C CERA		50V B 2200PF K (TAPPING)	2	2	CC352 CC357
10	C CERA	CCXB1H331K	50V B 330PF K (TAPPING)		1	CC270
11	C CERA	CCXB1H472K	50V B 4700PF K (TAPPING)	3	3	CC213 CC364 CC811
12	C CERA	CCXB1H561K	50V B 560PF K (TAPPING)	2	2	CC210 CC211
13	C CERA	CCXB1H562K	50V B 5600PF K (TAPPING)	3	3	CC358 CC449 CC450
14	C CERA	CCXB1H682K	50V B 6800PF K (TAPPING)	1	1	CC204
15	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	25	26	CC002 CC004 CC102 CC201 CC205 CC206 CC207 CC209 CC252 CC257 [CC275] CC501 CC502 CC503 CC504 CC515 CC521 CC529 CC535 CC536 CC903 CC904 CC905 CC906 CC911 CC912
16	C CERA	CCXF1H104Z	50V F 0.1MF Z	44	44	CC005 CC006 CC101 CC103 CC202 CC251 CC353 CC355 CC356 CC359 CC360 CC362 CC363 CC365 CC366 CC409 CC463 CC464 CC504 CC505 CC506 CC511 CC512 CC513 CC526 CC527 CC537 CC544 CC703 CC705 CC708 CC712 CC716 CC721 CC723 CC727 CC804 CC8
17	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)	12	12	CC403 CC701 CC704 CC707 CC709 CC715 CC722 CC803 CC863 CC923 CC925 CC941
18	C CERA	CCXF1H333Z	50V F 0.033MF Z (TAPPING)	1	1	CC812
19	C CERA	CCXF1H473Z	50V F 0.047MF Z (TAPPING)	10	10	CC212 CC351 CC354 CC461 CC462 CC509 CC522 CC528 CC901 CC902
20	C CERA	CCZB1E102K	25V B 1000PF K (AXIAL)	3	3	CC520 CC533 CC534
21	C CERA	CCZB1E151K	25V B 150PF K (AXIAL)	2	2	CC531 CC532
22	C CERA	CCZB1E152K	25V B 1500PF K (AXIAL)	1	1	CC523
23	C CERA	CCZB1E222K	25V B 2200PF K (AXIAL)	2	2	CC510 CC516
24	C CERA	CCZB1E391K	25V B 390PF K (AXIAL)	1	1	CC508
25	C CERA	CCZB1E472K	25V B 4700PF K (AXIAL)	3	3	CC518 CC542 CC543
26	C CERA	CCZB1E682K	25V B 6800PF K (AXIAL)	1	1	CC514
27	C CERA	CCZB1H102K	50V B 1000PF K	4	4	CC601 CC602 CC603 CC604
28	C CERA	CCZB1H121K	50V B 120PF K	2	2	CC613 CC614
29	C CERA	CCZB1H223K	HIBK 50V 0.022MF K AXL 52	1	1	CC609
30	C CERA	CCZB1H821K	50V B 820PF K	4	4	CC605 CC606 CC607 CC608
31	C CERA	CCZF1H473Z	50V F 0.047MF Z	1	1	CC631
32	C CERA	CXCH1H101J	50V CH 100PF J (TAPPING)	13	13	CC367 CC401 CC402 CC404 CC405 CC483 CC484 CC710 CC719 CC720 CC724 CC725 CC726
33	C CERA	CXCH1H120J	50V CH 12PF J (TAPPING)	1	1	CC104
34	C CERA	CXCH1H150J	50V CH 15PF J (TAPPING)	1	1	CC717
35	C CERA	CXCH1H180J	50V CH 18PF J (TAPPING)	1	1	CC718
36	C CERA	CXCH1H220J	50V CH 22PF J (TAPPING)	2	2	CC465 CC466
37	C CERA	CXCH1H330J	50V CH 33PF J (TAPPING)	5	5	CC255 CC256 CC706 CC713 CC714
38	C CERA	CXCH1H470J	50V CH 47PF J (TAPPING)		1	CC277
39	C CERA	CXCH1H509K	CH 50V 5PF K AXL 52MM	4	4	CC807 CC808 CC867 CC868
40	C CERA	CXCH1H820J	50V CH 82PF J (TAPPING)		1	CC276
41	C CERA	CZCH1E609K	CH 25V 6PF K AXIAL	1	1	CC519
42	C CERA	CZCH1E809K	CH 25V 8PF K AXL 52MM	1	1	CC517
43	C CERA	CZCH1H270J	CH 50V 27PF J AXL 52MM	2	2	CC524 CC525
44	C CERA	CZCH1H470J	CH 50V 47PF J AX	2	2	CC611 CC612
45	C ELECTRO	CEXE1C102A	16V RS 1000MF 13X20	1	1	CE515
46	C ELECTRO	CEXF1A102V	10V RSS 1000MF (10X16) TP	1	1	CE706
47	C ELECTRO	CEXF1C221V	16V RSS 220MF (8X11.5) TP	5	5	CE507 CE511 CE512 CE513 CE517 CE201 CE214 CE251 CE356 CE506 CE508 CE509 CE510 CE514 CE516 CE524 CE602 CE707
48	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP	13	13	CE102 CE213 CE417 CE463 CE464 CE901
49	C ELECTRO	CEXF1E221V	25V RSS 220MF (8X11.5) TP	5	5	
50	C ELECTRO	CEXF1E222V	25V RSS 2200MF (16X25) TP	1	1	
51	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	21	22	CE001 CE203 [CE272] CE355 CE443 CE444 CE451 CE452 CE518 CE523 CE601 CE603 CE604 CE631 CE632 CE863 CE864 CE903 CE904 CE905 CE906 CE941
52	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP	26	26	CE206 CE351 CE352 CE411 CE412 CE413 CE414 CE418 CE501 CE504 CE605 CE606 CE607 CE608 CE615 CE616 CE617 CE618 CE619 CE708 CE807 CE808 CE809 CE867 CE868 CE869
53	C ELECTRO	CEXF1H101V	50V RSS 100MF (8X11.5) TP	8	8	CE810 CE811 CE813 CE815 CE870 CE871 CE921 CE922

No	Parts Name	Parts Code	Description	Q'ty		Location				
				917 LS	917 LSR					
54	C ELECTRO	CEXF1H108V	50V RSS 0.1MF (5X11) TP	3	3	CE613	CE614	CE620		
55	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP	11	11	CE205 CE211 CE709	CE207 CE461	CE208 CE462	CE209 CE609	CE210 CE610
56	C ELECTRO	CEXF1H220V	50V RSS 22MF (5X11) TP	3	3	CE204	CE803	CE804		
57	C ELECTRO	CEXF1H228V	50V RSS 0.22MF (5X11) TP	1	1	CE212				
58	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP	20	20	CE101 CE405 CE416 CE702	CE401 CE406 CE481 CE801	CE402 CE407 CE482 CE802	CE403 CE408 CE621 CE861	CE404 CE415 CE701 CE862
59	C ELECTRO	CEXF1H330V	50V RSS 33MF (6.3X11) TP	1	1	CE471				
60	C ELECTRO	CEXF1H339V	50V RSS 3.3MF (5X11) TP	3	4	CE202	CE273	CE453	CE454	
61	C ELECTRO	CEXF1H470V	50V RSS 47MF (6.3X11) TP	7	7	CE805 CE923	CE806 CE924	CE865	CE866	CE873
62	C ELECTRO	CEXF1H478V	50V RSS 0.47MF (5X11) TP	3	3	CE502	CE503	CE505		
63	C ELECTRO	CEXF1H479V	50V RSS 4.7MF (5X11) TP	8	8	CE353 CE522	CE354 CE611	CE519 CE612	CE520	CE521
64	C ELECTRO	CEYF1E471V	25V RSS 470MF (10X16)	1	1	CE902				
65	C ELECTRO	CEYF1H332V	50V RSS 3300MF	2	2	CE821	CE822			
66	C ELECTRO	CEYF1V222V	35V RSS 2200MF (16X31.5)	2	2	CE881	CE882			
67	C MYLAR	CMXM1H102J	50V 0.001MF J (TP)	4	4	CM611	CM612	CM613	CM614	
68	C MYLAR	CMXM1H103J	50V 0.01MF J (TP)	10	10	CM202 CM608	CM203 CM901	CM204 CM902	CM205 CM905	CM607 CM906
69	C MYLAR	CMXM1H104J	50V 0.1MF J	14	14	CM405 CM412 CM861	CM406 CM413 CM862	CM407 CM414 CM903	CM408 CM801	CM411 CM802
70	C MYLAR	CMXM1H122J	50V 0.0012MF J	2	2	CM505	CM506			
71	C MYLAR	CMXM1H152K	50V 1500 PF K	2	2	CM605	CM606			
72	C MYLAR	CMXM1H153J	50V 0.015MF J (TP)	1	1	CM201				
73	C MYLAR	CMXM1H183J	50V 0.018MF J	6	6	CM401 CM604	CM402	CM503	CM600	CM603
74	C MYLAR	CMXM1H223J	50V 0.022MF J	3	3	CM403	CM404	CM617		
75	C MYLAR	CMXM1H273J	50V 0.027 MF J	4	4	CM447	CM448	CM601	CM602	
76	C MYLAR	CMXM1H332J	50V 3300 PF J	2	2	CM615	CM616			
77	C MYLAR	CMXM1H333J	50V 0.033MF J (TP)	2	2	CM501	CM504			
78	C MYLAR	CMXM1H392J	50V 0.0039MF J	1	1	CM618				
79	C MYLAR	CMXM1H562J	50V 5600 PF J	4	4	CM206	CM207	CM409	CM410	
80	C MYLAR	CMXM1H563J	50V 0.056MF J	4	4	CM443	CM444	CM445	CM446	
81	C MYLAR	CMXM1H683J	50V 0.068 MF J	3	3	CM441	CM442	CM502		
82	CLIP FUSE	9734600700	FC-5N	2	2	FC901	FC902			
83	COIL BIAS OSC	5L0503K643	SM-10F 5.04MH	1	1	L603				
84	COIL CHOKE	5LC333K804	33MH K	2	2	L601	L602			
85	COIL CHOKE	5LC682K822	6.8MH	2	2	L204	L205			
86	COIL DESCRIMATOR	5107FBK473	7X7 BLK KSZ-73S	1	1	L203				
87	COIL PEAKING	5CPZ100K02	10UH K (AXIAL 3.5MM)	2	2	L001	L251			
88	CONN AS	9738824100	2P UL2468 400MM	1	1	CN503				
89	CONN AS	9738828500	AWG26 2468 11P 100MM	1	1	CN603				
90	CONN AS	9738828600	AWG26 2468 13P 100MM	1	1	CN604				
91	CONN AS	9738828700	AWG28 3P SHIELD 220MM	1	1	CN601	CW601			
92	CONN AS	9738828800	AWG28 7P SHIELD 100MM	1	1	CN602	CW602			
93	CONN AS	9738828900	AWG28 6P 180MM	1	1	CN108	CW108			
94	CONN AS	9738829100	AWG24 1007 13P 120MM	1	1	CN106	CW106			
95	CONN AS	9738832100	7P 200 P=2.5 BOARDIN	1	1	CN509	CW509			
96	CONN AS	9738833100	UL1007 #22 13P 300MM 2.5M	1	1	CN801	CW801			
97	CONN AS	9738840800	FFC 16P P1.0X250MM R	1	1	CN501				
98	CONN AS	9738840900	FFC 19P P1.25X110MM K	1	1	CN508				
99	CONN CARD CABLE	9738833200	FLEX 28P P=1.25 150MM	1	1	CN401				
100	CONN PIN	9736407800	53095-1010 10PIN ANGLE	2	2	CN401	CN402			
101	CONN WAFER	9736407900	52084-1010 10P BOTTOM	2	2	CW401	CW402			
102	CONN WAFER	9736408000	52492-2820 28P BOTTOM	1	1	CW101				
103	CONN WAFER	9736408100	52044-2845 SIDE ENTRY	1	1	CW605				
104	CONN WAFER	9736408300	52492-1920 19P BOTTOM	1	1	CW702				
105	CONN WAFER	9736408400	52045-1945 19P	1	1	CW508				
106	CONN WAFER	9CD6258800	2P S2B-XH-A	1	1	CW101				
107	CONN WAFER	9CD6259300	52807-1610	1	1	CW501				
108	CONN WAFER	9CD6259400	2001-WS-12P	1	1	CW507				
109	CONN WAFER	9CD6259500	2001-WS-6P	1	1	CW503				
110	CONN WAFER	9CD6259600	2503-WS-2P	1	1	CW502				
111	CORD AC	9736900200	KKP419C,KLCE-2F,0.75SQURE	1	1	AC901				
112	CRYSTAL QUARTZ	5XA32R768-	DT-38 32.768KHZ 20PPM	1	1	XC702				
113	DIODE	D1N4001-	1N4001	6	6	D801 D922	D802	D861	D862	D921
114	DIODE	D1N5402-	1N5402	8	8	D811 D872	D812 D873	D813 D874	D814	D871
115	DIODE	DRL202--	RL202	4	4	D901	D902	D903	D904	
116	DIODE	DZN4148-	1N4148 AUTO 52MM	27	27	D201 D501 D604 D609 D803 D906	D401 D502 D605 D610 D804	D402 D601 D606 D705 D805	D403 D602 D607 D706 D806	D404 D603 D608 D707 D905
117	DIODE ZENER	DZTZ12B-	MTZ 12V 26MM TAPPING	1	1	DZ941				

No	Parts Name	Parts Code	Description	Q'ty		Location
				917 LS	917 LSR	
118	DIODE ZENER	DZTZ30B-	MTZ30B	1	1	DZ931
119	DIODE ZENER	DZTZ3R9B--	MTZ3.9B	1	1	DZ502
120	DIODE ZENER	DZTZ5R6B--	UZ-5.6B	3	3	DZ501 DZ503 DZ504
121	DIODE ZENER	DZTZ6R2B--	MTZ6.2B	1	1	DZ932
122	FILTER	5PPCFAZ077	PCFAZ077	1	1	CF201
123	FILTER CERA	5PE107MJA-	SFE 10.7MHZ RED	1	1	CF002
124	FILTER CERA	5PE107MS2A	SFE107MS2-A	1	1	CF001
125	FUSE	5F1CM1031M	UL/CSA 3.1X5.54MM 10A 60V	2	2	F903 F904
126	FUSE GLASS TUBE	5FSGB1622L	SEMKO TL 1.6A 250V MF51	1	1	F901
127	IC	1BA1450S--	BA1450S	1	1	IC201
128	IC	1BA4560N--	BA4560N(H/P AMP)	1	1	IC404
129	IC	1BU4094BCF	BU4094BCF(SOP16)	2	2	IC706 IC707
130	IC	1DBL2084--	DBL2084(D/W)	2	2	IC504 IC506
131	IC	1L4959--	L4959	1	1	IC901
132	IC	1LC72130--	LC72130	1	1	IC202
133	IC	1M24C04-	M24C04-BN6	1	1	IC701
134	IC	1M51167BFP	M51167BFP (SOP36S)	1	1	IC601
135	IC	1M65849BFP	M65849BFP(DIP32)	1	1	IC351
136	IC	1MC4558D--	MC4558D	2	2	IC402 IC403
137	IC	1MC7805-	MC 7805 (KA7805)	1	1	IC205
138	IC	1MSGEQ5A--	MSGEQ5A	1	1	IC702
139	IC	1STK41322-	STK-4132-2	1	1	IC802
140	IC	1STK41622-	STK4162-2	1	1	IC801
141	IC	1TDA7479D-	TDA7479D		1	IC204
142	IC	1UPC1330HA	UPC1330HA	1	1	IC602
143	IC AUDIO	1KA9270-	KA9270	1	1	IC505
144	IC AUDIO	1TDA7439--	TDA7439	1	1	IC401
145	IC AUDIO DSP	1KA9282B--	KA9282B	1	1	IC502
146	IC CHIP	1KA9258D--	KA9258D	1	1	IC503
147	IC CHIP RF	1KA9220B--	KA9220B	1	1	IC501
148	IC MICOM	1M38199917	M38199917	1	1	IC705
149	IC PORT	1BU4094BC-	BU4094BC	1	1	IC603
150	IC PRE AMP	1TM97CT38P	LTM97CT-38P	1	1	IC704
151	JACK ANT	9736321900	PAT645	1	1	J001
152	JACK HEADPHONE	9766319501	HTJ-064-05B GOLD	1	1	J402
153	JACK PIN	9736322600	HSP-242VS-01	1	1	J802
154	JACK RCA	9CD6313700	S-436P	1	1	J401
155	JACK SPEAKER	9736320500	CJ-9007-040	1	1	J801
156	LED	DLTL16KEE-	LTL-16KEE(RED)PI3.1	4	4	LD703 LD706 LD709 LD712
157	LED	DLTL16KGE-	LTL-16KGE(GREEN)PI3.1	8	8	LD701 LD702 LD704 LD705 LD707 LD708 LD710 LD711
158	LED	DLTL307EE-	LTL-307EE(RED)PI5	1	2	[LD716] LD717
159	LED	DLTL307GE-	LTL-307GE(GREEN)PI5	3	3	LD713 LD714 LD715
160	LED	DLTL87HEE-	LTL-87HEE(RED)PI3	2	2	LD510 LD512
161	LED	DLTL87HGE-	LTL-87HGE(GREEN)PI3	2	2	LD511 LD513
162	PIN WRAPPING	9713550400	1.0X2.5X15	4	4	TP501 TP502 TP503 TP504
163	PIN WRAPPING	9716404000	MFZN1.1X1.1 PANASERT	5	5	TP601 TP602 TP603 TP901 TP902
164	R CARBON FILM	RD-2Y229J-	1/2 2.2 OHM J	1	1	R550
165	R CARBON FILM	RD-4Z100J-	1/4 10 OHM J	2	2	R588 R589
166	R CARBON FILM	RD-4Z101J-	1/4 100 OHM J	4	4	R815 R820 R875 R880
167	R CARBON FILM	RD-4Z103J-	1/4 10K OHM J	6	6	R828 R829 R830 R831 R832 R898
168	R CARBON FILM	RD-4Z124J-	1/4 120K OHM J	2	2	R825 R891
169	R CARBON FILM	RD-4Z221J-	1/4 220 OHM J	1	1	R435
170	R CARBON FILM	RD-4Z222J-	1/4 2.2K OHM J	11	11	R809 R810 R816 R817 R818 R819 R870 R876 R877 R878 R879
171	R CARBON FILM	RD-4Z393J-	1/4 39K OHM J	2	2	R827 R893
172	R CARBON FILM	RD-4Z472J-	1/4 4.7K OHM J	8	8	R811 R812 R813 R814 R871 R872 R873 R874
173	R CARBON FILM	RD-4Z475J-	1/4 4.7M OHM J	1	1	R947
174	R CARBON FILM	RD-4Z562J-	1/4 5.6K OHM J	3	3	R894 R895 R896
175	R CARBON FILM	RD-4Z563J-	1/4 56K OHM J	4	4	R805 R806 R865 R866
176	R CARBON FILM	RD-4Z683J-	1/4 68K OHM J	2	2	R826 R892
177	R CARBON FILM	RD-4Z689J-	1/4 6.8 OHM J	4	4	R821 R822 R823 R824
178	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J	8	8	R004 R009 R206 R255 R545 R720 R908 R921
179	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J	18	18	R008 R102 R227 R228 R301 R304 R313 R445 R446 R459 R460 R546 R643 R671 R719 R724 R728 R730
180	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	63	63	R208 R215 R216 R251 R256 R260 R261 R262 R263 R351 R352 R409 R410 R423 R424 R431 R432 R436 R437 R443 R444 R457 R458 R483 R484 R489 R490 R495 R496 R511 R521 R522 R563 R564 R580 R607 R608 R611 R612 R625 R626 R645 R646 R647 R651 R652 R655 R658 R672 R673 R674 R681 R683 R685 R725 R727 R734 R736 R737 R739 R740 R922 R944

No	Parts Name	Parts Code	Description	Q'ty		Location
				917 LS	917 LSR	
181	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	47		L208 R213 R214 R254 R257 R258 R359 R361 R362 R451 R452 R467 R468 R579 R615 R616 R633 R634 R659 R675 R676 R677 R691 R692 R693 R694 R695 R696 R705 R710 R721 R722 R732 R735 R738 R755 R756 R758 R760 R776 R777 R786 R846 R901 R903 R905 R923
182	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	49		L208 R213 R214 R254 R257 R258 R276 R277 R359 R361 R362 R451 R452 R467 R468 R579 R615 R616 R633 R634 R659 R675 R676 R677 R691 R692 R693 R694 R695 R696 R705 R710 R721 R722 R732 R735 R738 R755 R756 R758 R760 R776 R777 R786 R846 R901 R903 R905 R923
183	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	39	39	R109 R353 R354 R360 R421 R422 R425 R426 R433 R434 R439 R440 R453 R454 R455 R456 R465 R466 R471 R472 R473 R474 R502 R510 R518 R519 R548 R549 R567 R568 R584 R585 R613 R614 R635 R639 R690 R762 R764
184	R CARBON FILM	RD-AZ105J-	1/6 1M OHM J	5	5	R505 R508 R559 R560 R641
185	R CARBON FILM	RD-AZ106J-	1/6 10M OHM J	1	1	R717
186	R CARBON FILM	RD-AZ109J-	1/6 1 OHM J	2	2	R939 R940
187	R CARBON FILM	RD-AZ121J-	1/6 120 OHM J	1	1	R551
188	R CARBON FILM	RD-AZ122J-	1/6 1.2K OHM J	3	2	[R753] R833 R834
189	R CARBON FILM	RD-AZ123J-	1/6 12K OHM J	14	14	R259 R509 R523 R531 R532 R533 R538 R539 R557 R558 R619 R620 R621 R622
190	R CARBON FILM	RD-AZ124J-	1/6 120K OHM J	1	1	R513
191	R CARBON FILM	RD-AZ151J-	1/6 150 OHM J	2	2	R302 R305
192	R CARBON FILM	RD-AZ152J-	1/6 1.5K OHM J	10	10	R322 R609 R610 R778 R779 R780 R801 R802 R861 R862
193	R CARBON FILM	RD-AZ153J-	1/6 15K OHM J	7	7	R403 R404 R515 R553 R554 R653 R654
194	R CARBON FILM	RD-AZ154J-	1/6 150K OHM J	2	2	R503 R525
195	R CARBON FILM	RD-AZ181J-	1/6 180 OHM J	2	2	R303 R306
196	R CARBON FILM	RD-AZ182J-	1/6 1.8K OHM J	5	5	R413 R414 R475 R476 R741
197	R CARBON FILM	RD-AZ183J-	1/6 18K OHM J	7	7	R201 R203 R449 R450 R487 R488 R526
198	R CARBON FILM	RD-AZ184J-	1/6 180K OHM J	2	2	R504 R723
199	R CARBON FILM	RD-AZ220J-	1/6 22 OHM J	7	7	R481 R482 R491 R492 R493 R494 R534
200	R CARBON FILM	RD-AZ221J-	1/6 220 OHM J	4	4	R438 R552 R933 R934
201	R CARBON FILM	RD-AZ222J-	1/6 2.2K OHM J	23	23	R211 R212 R253 R264 R405 R406 R407 R408 R441 R442 R463 R464 R477 R478 R479 R480 R581 R682 R684 R686 R729 R869 R942
202	R CARBON FILM	RD-AZ223J-	1/6 22K OHM J	7	8	R107 R358 R411 R412 R528 R530 [R753] R904
203	R CARBON FILM	RD-AZ224J-	1/6 220K OHM J	1	1	R726
204	R CARBON FILM	RD-AZ271J-	1/6 270 OHM J	6	6	R307 R316 R769 R771 R773 R775
205	R CARBON FILM	RD-AZ272J-	1/6 2.7K OHM J	7	7	R222 R223 R323 R427 R428 R837 R838
206	R CARBON FILM	RD-AZ273J-	1/6 27K OHM J	6	6	R542 R555 R556 R843 R844 R845
207	R CARBON FILM	RD-AZ274J-	1/6 270K OHM J	4	4	R447 R448 R627 R628
208	R CARBON FILM	RD-AZ331J-	1/6 330 OHM J	5	5	R007 R308 R315 R317 R687
209	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J	9	9	R005 R106 R221 R516 R541 R543 R640 R839 R840
210	R CARBON FILM	RD-AZ333J-	1/6 33K OHM J	1	1	R759
211	R CARBON FILM	RD-AZ334J-	1/6 330K OHM J	3	3	R718 R761 R763
212	R CARBON FILM	RD-AZ390J-	1/6 39 OHM J	2	2	R765 R784
213	R CARBON FILM	RD-AZ391J-	1/6 390 OHM J	6	6	R309 R318 R768 R770 R772 R774
214	R CARBON FILM	RD-AZ392J-	1/6 3.9K OHM J	5	5	R415 R416 R469 R470 R529
215	R CARBON FILM	RD-AZ393J-	1/6 39K OHM J	5	5	R520 R537 R572 R586 R587
216	R CARBON FILM	RD-AZ470J-	1/6 47 OHM J	4	5	R003 R209 R252 [R275] R663

No	Parts Name	Parts Code	Description	Q'ty		Location					
				917 LS	917 LSR						
217	R CARBON FILM	RD-AZ471J-	1/6 470 OHM J	6	6	R310 R945	R319	R355	R356	R941	
218	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J	30	30	R101 R210 R566 R577 R606 R688	R103 R547 R573 R578 R636 R752	R104 R561 R574 R582 R637 R787	R105 R562 R575 R583 R638 R909	R207 R565 R576 R605 R664 R911	
219	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J	5	5	R512	R750	R751	R902	R906	
220	R CARBON FILM	RD-AZ474J-	1/6 470K OHM J	7	7	R217 R632	R218	R501	R540	R631	
221	R CARBON FILM	RD-AZ479J-	1/6 4.7 OHM J	1	1	R660					
222	R CARBON FILM	RD-AZ561J-	1/6 560 OHM J	6	6	R311 R689	R320	R569	R570	R571	
223	R CARBON FILM	RD-AZ562J-	1/6 5.6K OHM J	7	7	R429 R841	R430 R842	R527	R617	R618	
224	R CARBON FILM	RD-AZ563J-	1/6 56K OHM J	13	13	R485 R649 R804	R486 R650 R863	R514 R661 R864	R517 R662	R644 R803	
225	R CARBON FILM	RD-AZ680J-	1/6 68 OHM J	3	3	R601	R602	R656			
226	R CARBON FILM	RD-AZ681J-	1/6 680 OHM J	11	12	R006 R781 R867	R629 R782 R868	R630 R783	[R766] R807	R767 R808	
227	R CARBON FILM	RD-AZ682J-	1/6 6.8K OHM J	3	3	R219	R603	R604			
228	R CARBON FILM	RD-AZ683J-	1/6 68K OHM J	3	3	R707	R708	R709			
229	R CARBON FILM	RD-AZ689J-	1/6 6.8 OHM J	6	6	R697 R884	R698	R881	R882	R883	
230	R CARBON FILM	RD-AZ820J-	1/6 82 OHM J	1	1	R506					
231	R CARBON FILM	RD-AZ821J-	1/6 820 OHM J	2	2	R312	R321				
232	R CARBON FILM	RD-AZ822J-	1/6 8.2K OHM J	4	4	R401	R402	R507	R524		
233	R CARBON FILM	RD-AZ823J-	1/6 82K OHM J	2	2	R535	R536				
234	R CEMENT	RX02L228J-	2W 0.22 OHM J	2	2	R835	R836				
235	R FUSIBLE	RF01F4780J	0.47OHM 1W	2	2	RF901	RF902				
236	R SEMI FIXED	RV1417222-	1/10 2.2K OHM B V6EK-PV1S	1	1	RV601					
237	R SEMI FIXED	RV6417223-	VM6CK-PV(1S) B 22K OHM	3	3	RV201	RV501	RV502			
238	RESONATOR	5PCSA8MTZ-	CSA8MTZ, 8MHZ	1	1	XC701					
239	RESONATOR CERA	5PCSA16R93	CSA16.93MXZ04	1	1	XC501					
240	SW ENCODER	5SH162401-	EC16B24204 24P W/DETENT	1	1	VR702					
241	SW RELAY	5SC0201103	HR-CR323 2C-1P DC12V	1	1	RY901					
242	SW TACT	5S50101001	KPT-1105A 1C-1P	24	24	SW701 SW706 SW711 SW716 SW721	SW702 SW707 SW712 SW717 SW722	SW703 SW708 SW713 SW718 SW723	SW704 SW709 SW714 SW719 SW724	SW705 SW710 SW715 SW720	
243	TR	TKRA107M--	KRA107M (KSR2006)	4	4	Q003	Q614	Q615	Q616		
244	TR	TKRA111M--	KRA111-M TAPPING(KSR2010)	8	8	Q613 Q714	Q623 Q715	Q711 Q942	Q712	Q713	
245	TR	TKRC107M--	KRC107-M TAPPING(KSR1006)	5	5	Q607	Q634	Q635	Q636	Q701	
246	TR	TKRC111M--	KRC111M (KSR1010)	9	9	Q601 Q638	Q602 Q702	Q605 Q703	Q606 Q705	Q625	
247	TR	TKSA928AY-	KSA928A-Y	2	2	Q501	Q502				
248	TR	TKSC2331Y-	KSC2331Y	1	1	Q503					
249	TR	TKSR1003--	KSR1003	1	1	Q504					
250	TR	KTBT1366Y-	KTBT1366Y	1	1	Q944					
251	TR	TZRA107M--	KRA107M (KSR2006)	4	4	Q443	Q453	Q473	Q483		
252	TR	TZRC107M--	KRC107M(AUTO)	4	4	Q716	Q804	Q901	Q941		
253	TR	TZTA1266Y-	KTA1266Y-(AUTO)(1015Y)	2	2	Q637	Q803				
254	TR	TZTA1273Y-	KTA1273Y(966Y)	4	4	Q624	Q631	Q632	Q633		
255	TR	TZTA1274Y-	KTA1274Y-	1	1	Q921					
256	TR	TZTC3194Y-	KTC3194Y	1	1	Q001					
257	TR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	20	20	Q201 Q452 Q505 Q704	Q202 Q461 Q611 Q801	Q441 Q462 Q612 Q802	Q442 Q471 Q621 Q902	Q451 Q472 Q622 Q943	
258	TR	TZTC3205Y-	KTC3205Y (2236Y)	1	1	Q628					
259	TR	TZTD1302Y-	KTD1302Y AUTO	2	2	Q481	Q482				
260	TRANS POWER	5TP8074761	EI=74 230V 50HZ	1	1	PT901					
261	TUNER PACK	9737612700	FTA3-503V	1	1	TU001					
262	VFD	DBJ638GK--	BJ638GK	1	1	FD701					
263	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	6	6	F905	F906	L801	L802	L861	L862
264	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	1	1	R002					
265	X-TAL	5XA4R332M-	4.332M	-	1	XC270					
266	X-TAL	5XA7R20000	7.2M	1	1	XC251					