

AKAI

Service Manual

MINI COMPONENT SYSTEM

Model : AMI-721L/R



AKAI ELECTRONICS CO., LTD.

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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 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.

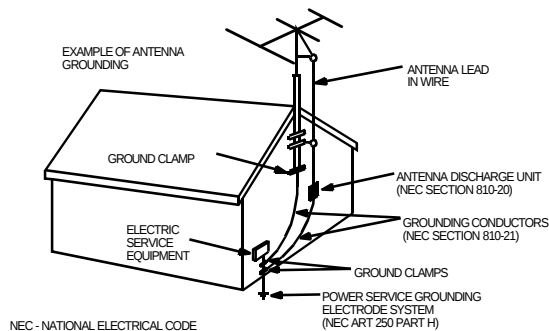
PORTABLE CART



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 - 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:

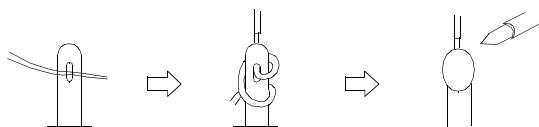
- a) The power-supply cord or the plug has been damaged; or
- b) Objects have fallen, or liquid has been spilled into the appliance; or
- c) The appliance has been exposed to rain; or
- d) The appliance does not appear to operate normally or exhibits a marked change in performance; or
- e) The appliance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

SAFETY INSTRUCTION

PRECAUTIONS DURING SERVICING

1. Parts identified by the  (*) symbol parts are critical for safety. Replace them only with parts whose numbers are specified.
2. In addition to safety, other parts and assemblies are specified for conformance with such regulations as those applying to spurious radiation. These must also be replaced only with specified replacements.
Examples: RF converters, tuner units, antenna selection switches, RF cables, noise-blocking capacitors, noise-blocking filters, etc.
3. Use specified internal Wiring. Note especially:
 - 1) Wires covered with PVC tubing
 - 2) Double insulated wires
 - 3) High voltage leads
4. Use specified insulating materials for hazardous live parts. Note especially:
 - 1) Insulating Tape
 - 2) PVC tubing
 - 3) Spacers (insulating barriers)
 - 4) Insulating sheets for transistors
 - 5) Plastic screws for fixing micro switches
5. When replacing AC primary side components (transformers, power cords, noise blocking capacitor, etc.), wrap ends of wires securely about the terminals before soldering.



6. Make sure that wires do not contact heat generating parts (heat sinks, oxide metal film resistors, fusible resistors, etc.)
7. Check if replaced wires do not contact sharply edged or pointed parts.
8. Also check areas surrounding repaired parts.
9. Make sure that foreign objects (screws, solder droplets, etc.) do not remain inside the set.

MAKE YOUR CONTRIBUTION TO PROTECT THE ENVIRONMENT

Used batteries with the ISO symbol for recycling as well as small accumulators (rechargeable batteries), mini-batteries(cells) and starter batteries should not be thrown into the garbage can. Please leave them at an appropriate depot.



SAFETY CHECK AFTER SERVICING

After servicing, make measurements of leakage-current or resistance in order to check if exposed parts are acceptably insulated from the supply circuit. The leakage-current measurement should be done between accessible metal parts, (such as chassis, ground terminal, microphone jacks, signal input/output connectors, etc.) and the earth ground through a resistor of 1500 ohm paralleled with a 0.15 μ F capacitor, under the unit's normal working condition.

The leakage-current should be less the 0.5mA rms AC.

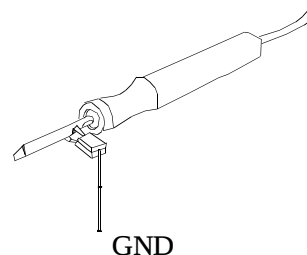
The resistance measurement should be done between accessible exposed metal parts and power cord plug prongs with the power switch "ON"(if included).

The resistance should be more than 2.2Mohms.

PRECAUTIONS IN REPAIRING

When repairing or adjusting the unit, please note the following points

1. Do not put excessive pressure on the mechanical part (operation part), including the pick-up block, as extremely high mechanical precision is required in these parts.
2. When the base is removed for repair or adjustment. Make sure that there are no metal objects between the P.C board or the mechanical parts and the base.
3. The Micro-computer and the CD signal processing ICs may be damaged by static electricity or leakage from a soldering iron during repairing. While soldering, please take the precautions against leakage as in the illustration.
4. Do not loosen any screws in the pick-up block. Please refer to NOTE when replacing the pick up block.



5. To avoid hazardous invisible Laser Radiation, do not look at the Laser Beam (Objective lens) directly.
6. On model for some countries, laser warning labels are affixed on and inside of the unit as shown below. For your safety, read these labels carefully before repairing or adjusting the unit.

CAUTION

The use of controls or adjustments or the performance of procedures other than those specified herein may result in hazardous radiation.

[EUROPE, SCANDINAVIA, UK and AUSTRALIA]

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARA

Label affixed on the rear panel of the unit

CAUTION : INVISIBLE LASER RADIATION WHEN OPEN
AND INTERLOCK DEFEATED AVOID EXPOSURE TO BEAM
ADVARSEL: USYNLIG LASERSTRÅLING VED ÅB-
NING SIKKERHEDSÅFBRYDERE ER UDE AF FUNKTION.
UNDGÅDETTELSE FOR STÅLING.
VARO: AVATTAESSA JA SUOJALUKITUS OHITET.
TAESSA OLET ALTTIINA NAKYMATTOALLA LASERSATE.
LYLLE
ALA KATSO SATEESEEN!
VARNING: OSYNLIG LASERSTRÅLING NÄR DENNA
DEL ÄR ÖPPNAD OCH SPÄRREN ÄR URKOPPLAD.
BETRÄKTA EJ STRÅLEN!

* Label affixed on the CD MECHA BLOCK

INFORMATION

SYMBOLS FOR PRIMARY DESTINATION

Alphabet indicates the destination of the units as listed below.

Symbol	Principal Destination
A	USA
B	UK
E	Europe(except,UK)
S	Australia
V	Germany
U	Universal
Y*	Custom version

VOLTAGE CONVERSION (U Y Model only)

Before connecting the power cord, set the VOLTAGE SELECTOR located on the rear panel of the AC-425K/625K so that the correct voltage for your area is indicated.

TEST MODE

Various kind of test modes are installed in this unit's microcomputer in order to test them on the production line. Following test modes among the various test modes can be used for adjustment, operation check or maintenance. To terminate the test mode, simply press the "POWER ON/STANDBY" button or disconnect the AC power cord from the AC outlet.

1. DECK TEST MODE

This test mode can be used for tape speed adjustment as well as bias oscillator frequency adjustment in TAPE DECK section. While pressing and holding the "TAPE II" and "▶" (F) buttons, connect the AC power cord to AC outlet. The function turns to "TAPE I" and "DUBX1" as well as "T P I □ □ □ □" indicators on the FLD light when this mode is engaged.

2. DECK CLEANING MODE

This test mode can be used for cleaning of the TAPE DECK mechanism.

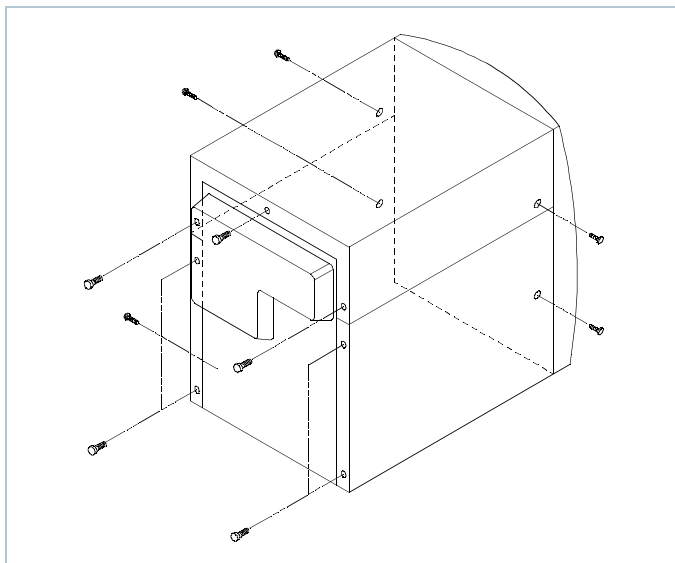
Because, this mode enables engaging of the playback, fast forward (FF), and rewind (RWD) modes without a cassette tape, it makes the cleaning (such as the capstan shaft, magnetic head, pinch roller etc.) easier. While pressing and holding the "TAPE I" and "◀" (F) button, connect the AC power cord to the AC outlet. The tape run indicator light without the cassette tape when this mode is engaged.

SPECIFICATION

DISASSEMBLY

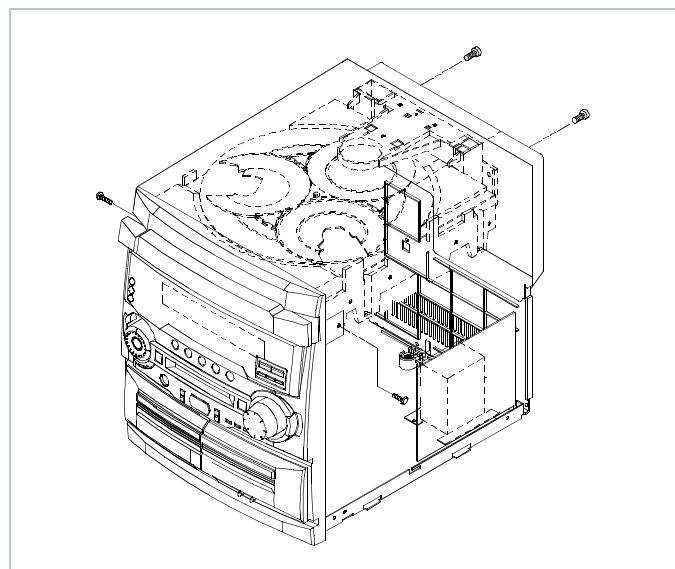
1. REMOVE OF THE TOP COVER AND SIDE COVER

- 1) Remove the 5 screws(a) on the TOP COVER.
- 2) Remove the 7 screw(b) on the SIDE and BACK COVER.



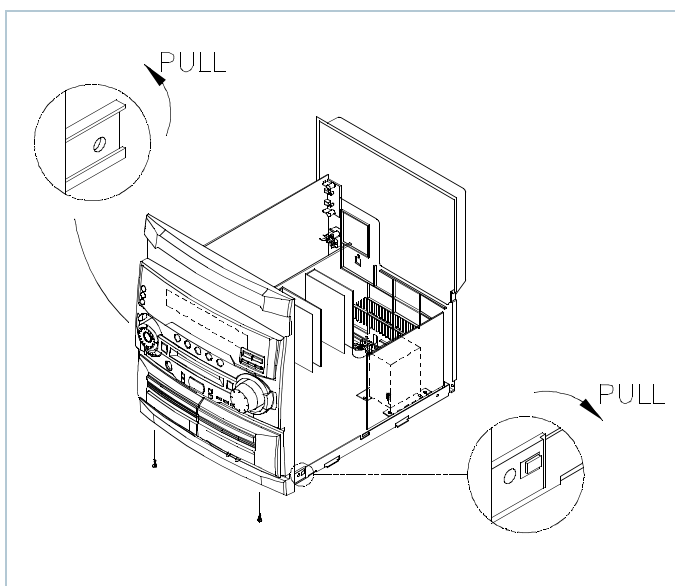
2. REMOVE OF THE CD MECHANISM

- 1) Open the DOOR CD by pressing OPEN/CLOSE button on the PANEL FRONT while the POWER is tuned on.
- 2) Remove the DOOR CD.
- 3) Disconnect of the cable and 2 connectors on the MAIN and CD PCB.
- 4) Remove the 4 screw.

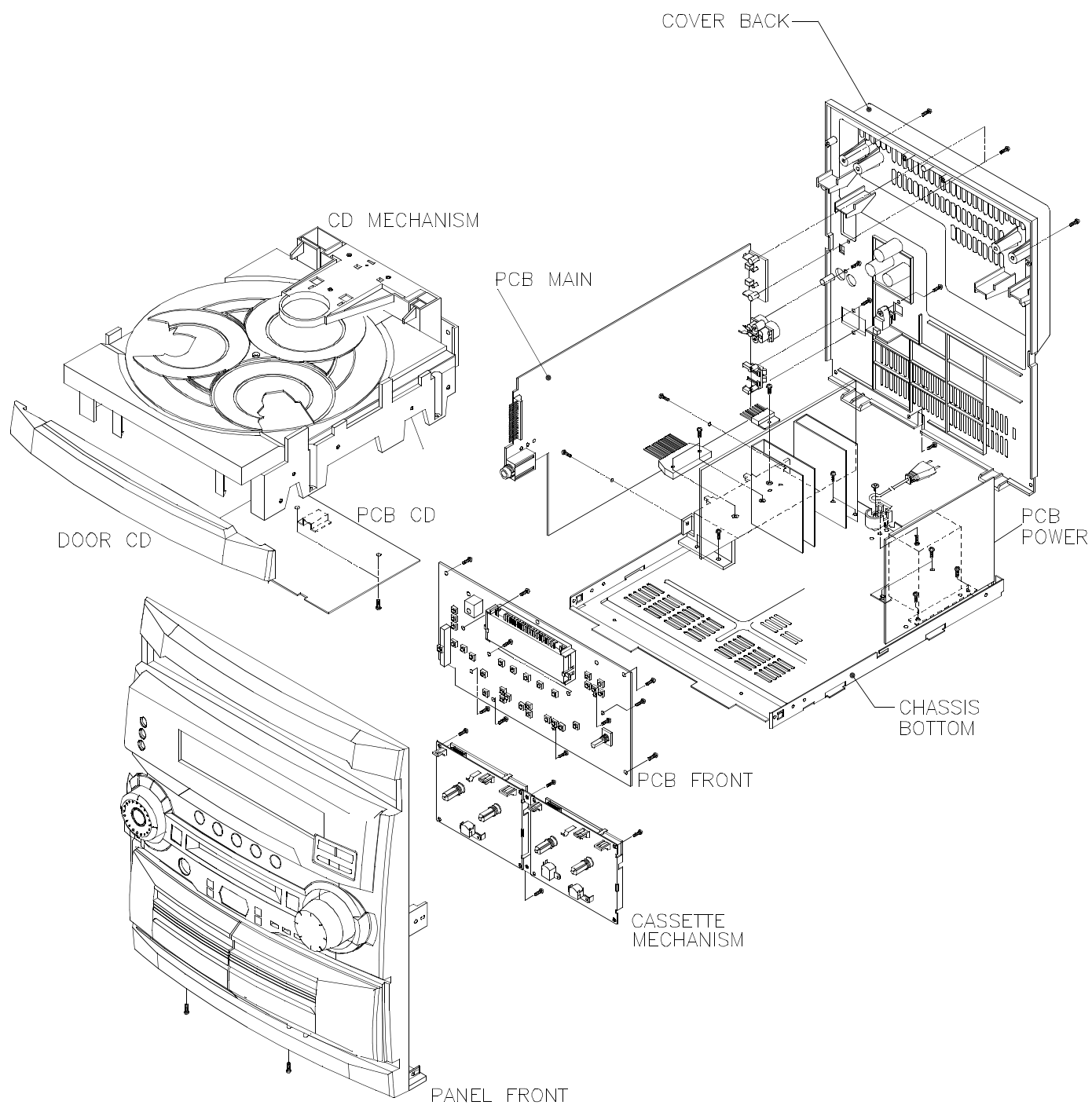


3. REMOVE THE PANEL FRONT ASSEMBLY

- 1) Disconnect the wire on the MAIN PCB.
- 2) Remove the 2 screws(a) on the PANEL FRONT bottom side.
- 3) Releasing the middle side and bottom side stoppers.
- 4) Pull out the PANEL FRONT ASSEMBLY.



PRINCIPAL PARTS LOCATION



DISASSEMBLY OF THE MAIN COMPONENTS

1. CD PLAYER BLOCK

The exchange of driving unit ass'y.

NOTE

Power must be supplied before the exchange.

During the exchange, prevention band for static electricity must be in wear.

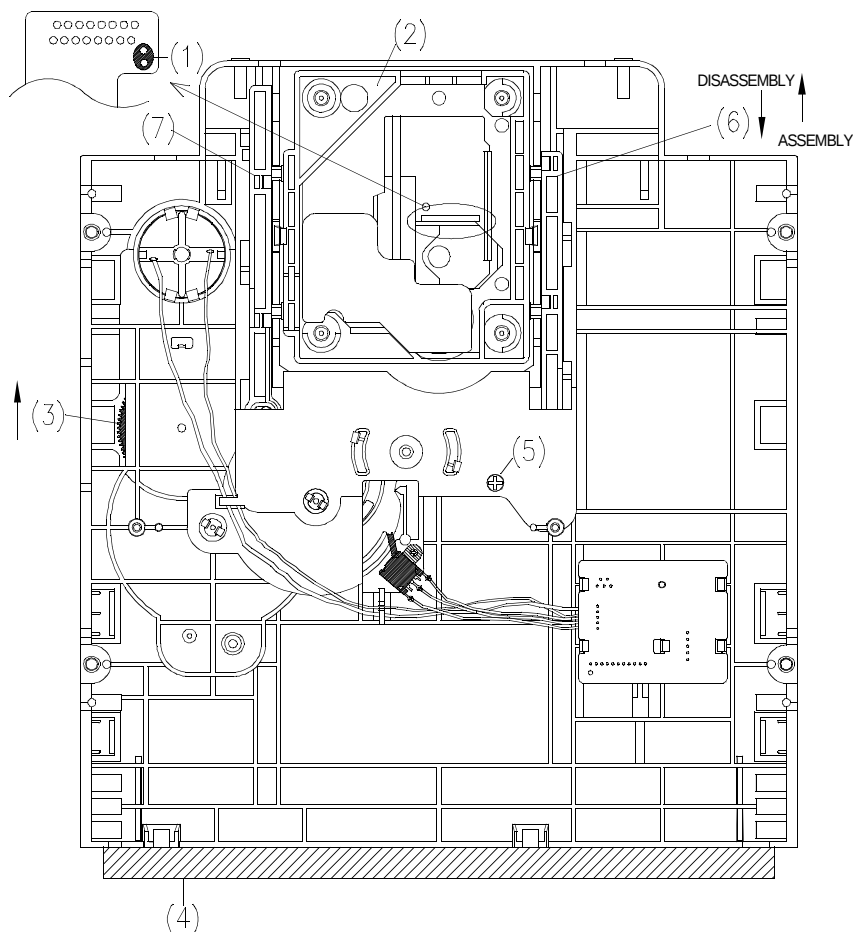
(To avoid the damage of pick-up for static electricity)

A. Separation of D/U ass'y.

1. Short terminal (1) on pick-up PCB after separating mecha from set.
2. Take down D/U ass'y (2) through turning relay gear (3) in CCW direction.
3. Release screw (5).
4. Push slider L'(6) in the direction of screw (5).
5. Separate D/U ass'y (2).

B. Assembly of D/U ass'y.

1. Put D/U ass'y between slide R'(7) and slider L'(6).
2. Push slider L'(6) in the opposite direction of screw (5).
3. Lock screw (5).
4. Open terminal (1) on pick-up PCB.
5. Put mecha on set.



The exchange of tray ass'y.

NOTE

Power must not be supplied before the exchange.

During the exchange, prevention band for static electricity must be in wear.

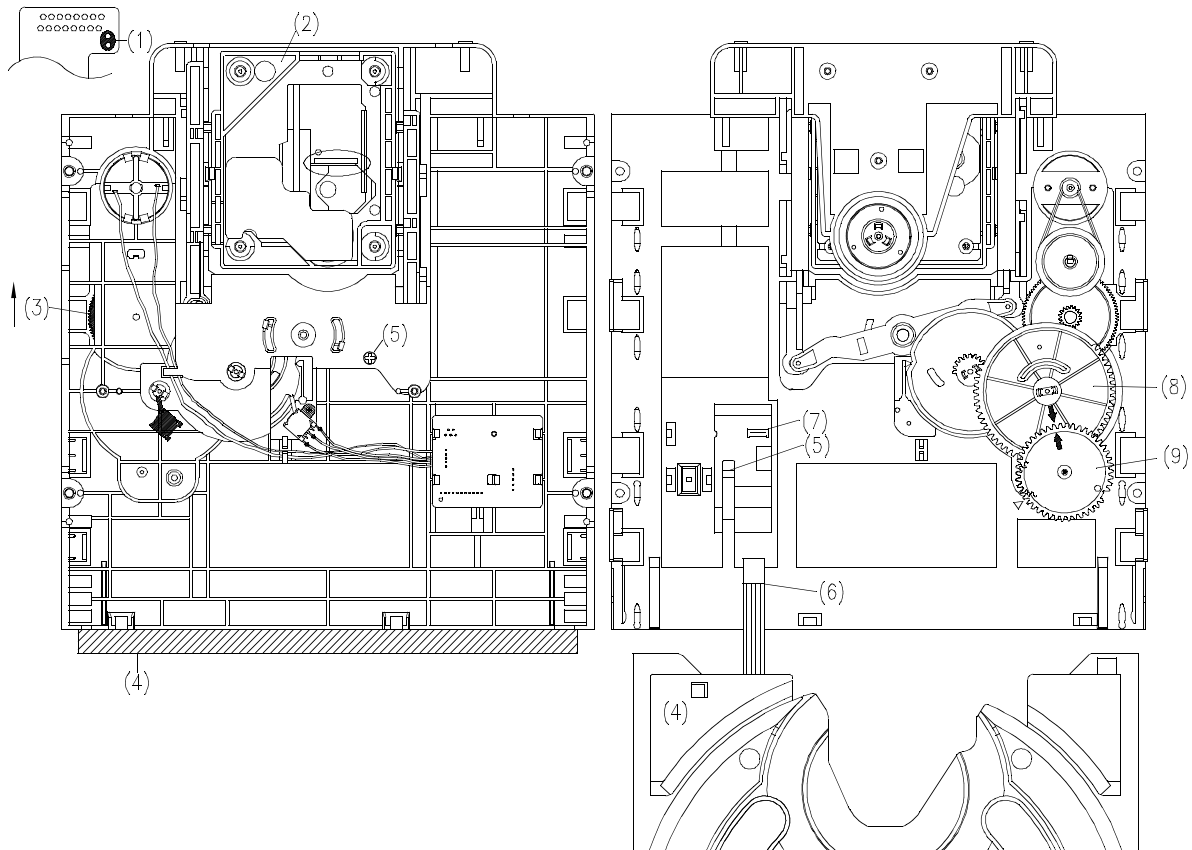
(To avoid the damage of pick-up for static electricity)

A. Separation of tray ass'y.

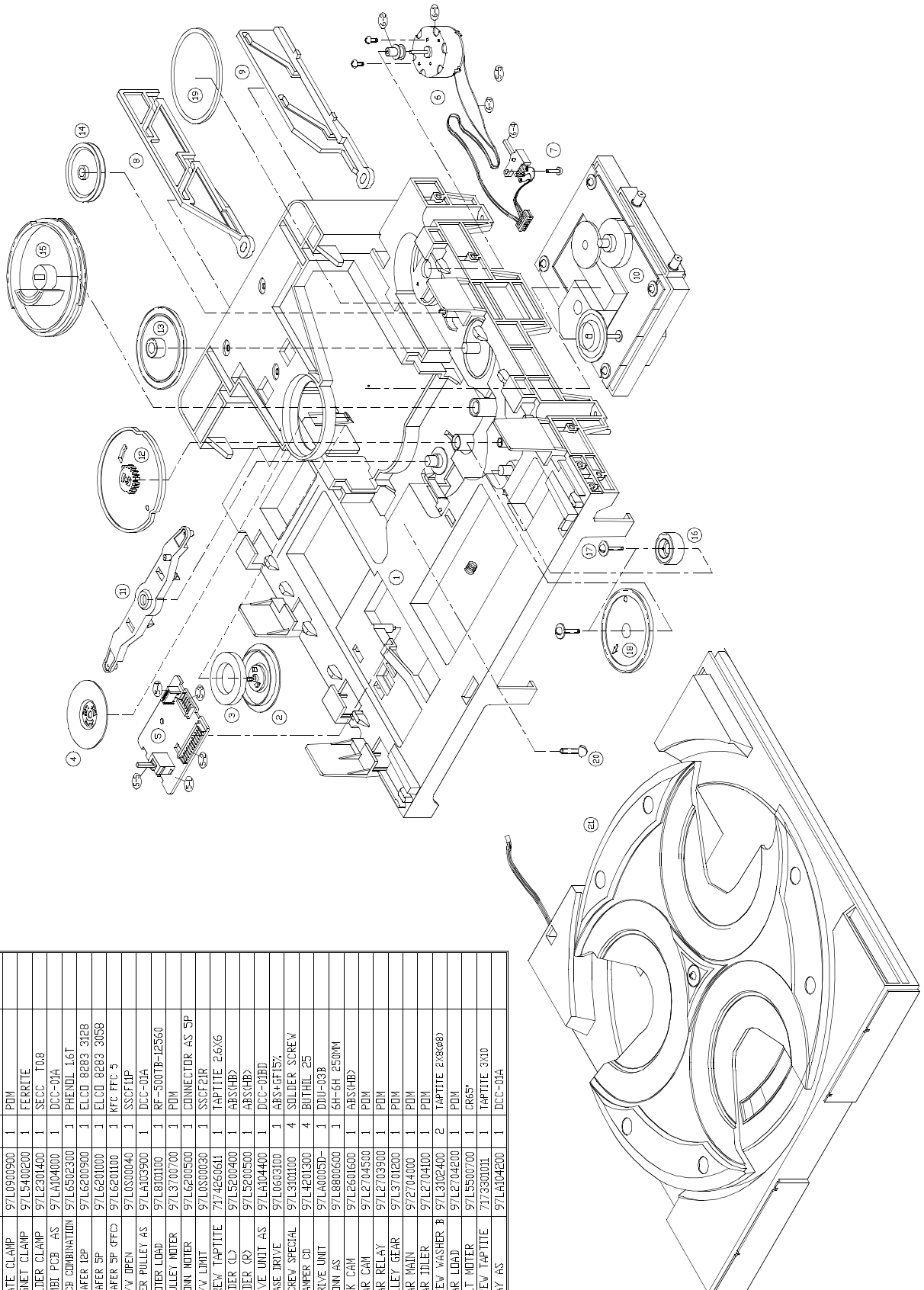
1. Short terminal (1) on pick-up PCB after separating mecha from set.
2. Open tray ass'y (4) through turning relay gear (3) in CW direction.
3. Pull tray ass'y until tray ass'y contact hook (5) of chassis/m.
4. Separate FCC (5P) (6) from water (7).
5. Pull tray ass'y throughly pressing hook (2).

B. Assembly of tray ass'y.

1. Turn loading gear (9) until arrow mark on main gear (8) meets that on loading gear (9).
2. Push tray ass'y (4) pressing hook (5) slightly.
(Pay attention to FCC(5P)(6) in flat, or touch noise may happen.)
3. Put FCC (5P) (6) into water (7).
4. Push tray ass'y (4) throughly.
5. Open terminal (1) on pick-up PCB.
6. Put mecha on set.

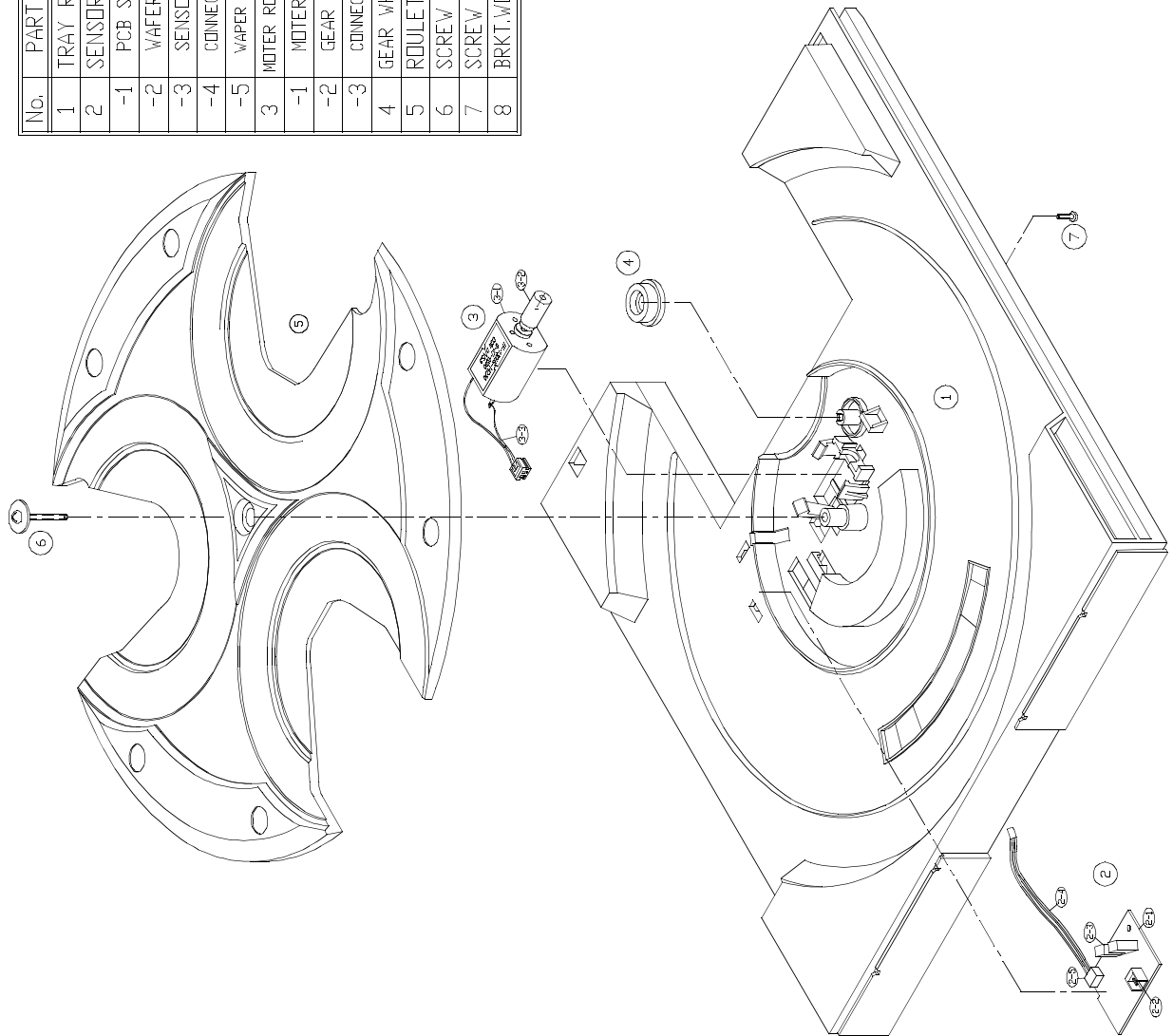


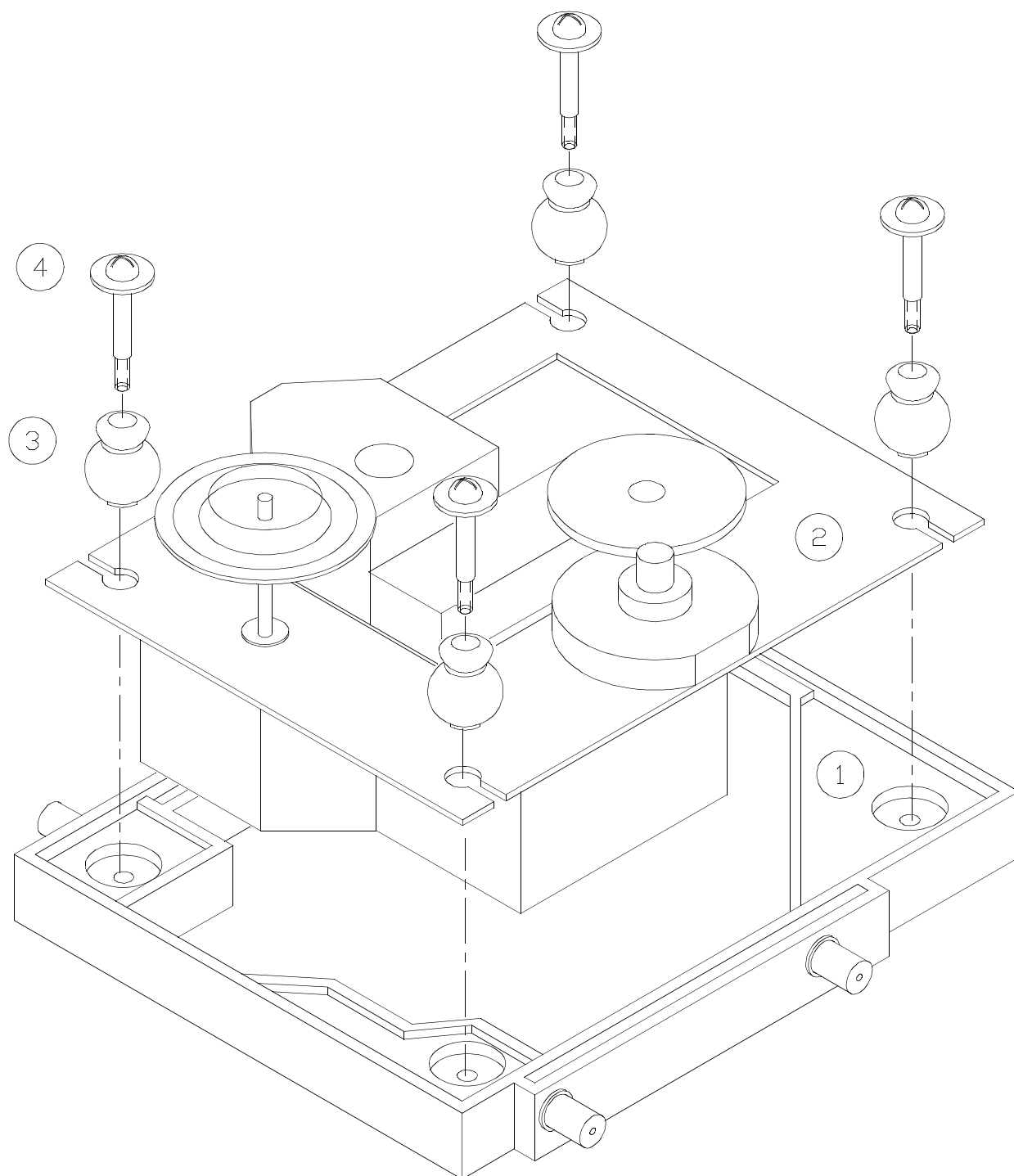
No.	PART NAME	PART No.	QUAN.	MATERIAL	REMARK
1	CHASSIS MAIN	97L0603000	1	ABS(HB)	
2	PLATE CLAMP	97L090900	1	POM	
3	MAGNET CLAMP	97L540200	1	FERRITE	
4	HOLDER CLAMP	97L2301400	1	SECC T0.8	
5	COMBI PCB AS	97LA04000	1	DCC-01A	
-1	PCB COMBINATION	97L6502300	1	PHENOL 1.6T	
-2	WAFER 1P	97L620900	1	ELCO 8283 3128	
-3	WAFER 5P	97L6201000	1	ELCO 8283 3058	
-4	WAFER 5P 6FC	97L620100	1	KFC FFC 5	
-5	S/W OPEN	97L0500040	1	SSCFUP	
6	MOTOR PULLEY AS	97L0303900	1	DCC-01A	
-1	MOTOR LQHP	97L800100	1	RF-500TB-12560	
-2	PULLEY MOTOR	97L3700700	1	POM	
-3	CONN. MOTOR	97L6205500	1	CONNECTOR AS 5P	
-4	S/W UNIT	97L0500030	1	SSCF2R	
7	SCREW TAPTITE	7174260641	1	TAPTITE 2.6X6	
8	SLIDER CL	97L5200400	1	ABS(HB)	
9	SLIDER (R)	97L5200500	1	ABS(HB)	
10	DRIVE UNIT AS	97LA04400	1	DCC-01BD	
-1	BASE DRIVE	97L0603100	1	ABS*GF157	
-2	SCREW SPECIAL	97L300100	4	SOLDER SCREW	
-3	DAMPER CD	97L4201300	4	BUTYL 25	
-4	DRIVE UNIT	97LA000500	1	DDU-03B	
-5	CONN AS	97L8800600	1	6H-6H 250MM	
11	LINK CAM	97L2601600	1	ABS(HB)	
12	GEAR CAN	97L2704500	1	POM	
13	GEAR RELAY	97L2703900	1	POM	
14	PULLEY GEAR	97L3701200	1	POM	
15	GEAR MAIN	972704000	1	POM	
16	GEAR TILER	97L2704100	1	POM	
17	SCREW WASHER B	97L302400	2	TAPTITE 2X8(GB)	
18	GEAR LOAD	97L2704200	1	POM	
19	BELT MOTOR	97L5500700	1	CR657	
20	SCREW TAPTITE	717330001	1	TAPTITE 3X10	
21	TRAY AS	97LA04200	1	DCC-01A	



DISASSEMBLY OF THE MAIN COMPONENTS

No.	PART NAME	PART No.	QUAN.	MATERIAL	REMARK
1	TRAY ROULETTE	97L0902700	1	ABS(HB)	
2	SENSOR PCB AS	97LA204300	1	DCC-01A	
-1	PCB SENSOR	97L6502200	1	PHENDL 1.2T	
-2	WAFER, 2P	97L6201200	1	ELCO 8203 3028	
-3	SENSOR S/W	97L0S00010	1	SG-23F1	
-4	CONNECTOR SENSOR	97L6200800	1	FFC 5P	
-5	WAFER 5P ANGLE(FFC)	97L6201300	1	FFC CON 5P ANGLE	
3	MOTOR ROULETTE AS	97LA204200	1	DCC-01A	
-1	MOTOR ROULETTE	97L8101200	1	FF-130SH-14230	
-2	GEAR WORM	97L2704300	1	POIM	
-3	CONNECTOR MOTOR R	97L6200600	1	CONNECTOR AS 2P	
4	GEAR WHEEL WORM	97L2704400	1	KP-3355	
5	ROULETTE DISK	97L0902800	1	ABS(HB)	
6	SCREW WASHER A	97L3102300	1	TAPTITE 3X8(Ø10)	
7	SCREW TAPTITE	7174260611	1	TAPTITE 2.6X6	
8	BRKT.WORM GUIDE		1	TAPTITE 2.6X6	

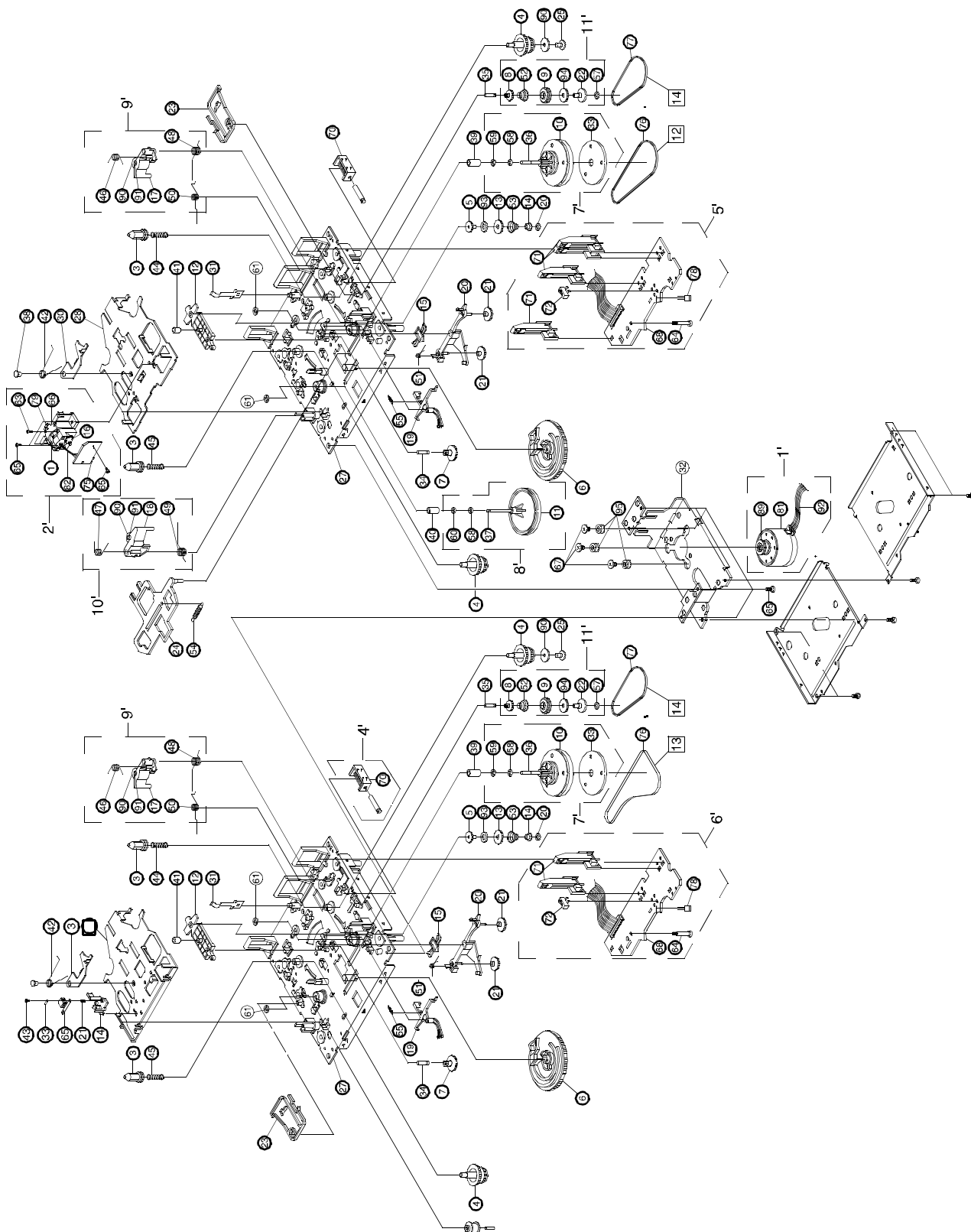




No.	PART NAME	PART No.	QUAN.	MATERIAL	REMARK
1	BASE DRIVE	97L0603100	1	ABS+GF15%	
2	DRIVE UNIT		1		
3	RUBBER DANPER	97L4201500	4	BYTHIL 25	
4	SCREW SPECIAL	97L3101100	4	SOLDER SCREW	

EXPLODED VIEW AND PARTS LIST

1. ADR2138MW EXPLODED VIEW



2. ADR2138MW PARTS LIST

DECK MODEL : ADR2138MW TYPE

NO	DISCRIPTION	PART NO	Q'ty	NO	DISCRIPTION	PART NO	Q'ty
1	MAIN CHASSIS ASS'Y	ADR02-041	2	42	F.R TORTION SPRING	51264-05033BB	2
2	REC LEVER-F	11134-01530BA	2	43	STOP/PAUSE TORTION SPRING	51263-05036PA	2
3	PLAY LEVER-F	11134-01520BA	2	44	SENSOR SAFETY SPRING	51264-02026PB	2
4	REW-LEVER-F	11134-01491BA	2	45	REC LEVER SPRING	51263-04046PA	1
5	F.F LEVER-F	11134-01500BA	2	46	PLAY LEVER SPRING	51264-05043BA	2
6	STOP/EJECT LEVER-F	11134-01540BA	2	47	EJECT LEVER SPRING	51263-04046PB	2
7	PAUSE LEVER-F	11134-01511BA	2	48	LOCK PLATE SPRING	51211-02026PB	2
8	LOCK PLATE	11143-00340BA	2	49	IDLER ARM SPRING	51222-02026RB	2
9	SWITCH PLATE	11143-00333BA	2	50	SYNCHRO LEVER SPRING	51211-00340BB	1
10	SUB CHASSIS-AC	11112-00351BA	1	51	AZIMUTH SPRING	51201-06036RA	2
11	SUB CHASSIS-M	11112-00071BA	1	52	E-HEAD SPRING	51201-05036XA	1
12	SYNCHRO LEVER	11134-00280BA	1	53	BACK TENSION SPRING-S	51201-02026XB	2
13	MOTOR B RACKET-D	11106-00080BA	1	54	BACK TENSION SPRING-T	51203-02066RA	2
14	PACK SPRING	51299-02506XC	2	55	PAUSE SAFETY SPRING	51263-02026PA	2
15	P.R STOPPER	11152-00020BA	2	56	PAUSE LEVER SPRING	51201-02036RA	2
16	TAKE UP REEL ASS'Y	ADR28-010	2	57	GROUND SPRING	51264-04046PA	2
17	PINCH ARM ASS'Y	ADR26-001	2	58			
18	IDLER ARM ASS'Y	ADR02-042	2	59			
19	FLY WHEEL GEAR-S ASS'Y	ADR15-022	1	60	SCREW-T PH+ M2*8	50232-20089EA	1
20	FLY WHEEL GEAR-D ASS'Y	ADR15-010	1	61	SCREW-M BH+ M2*8	50062-20081EA	2
21	MOTOR ASS'Y(EG530 YD-2B)	ADR24-017	1	62	SCREW-T PH+ M2*4	50232-20049EA	10
22	F.R ARM ASS'Y	ADR22-012	2	63	SCREW-T PH+ M2*8	50232-20089BA	2
23	S REEL GEAR	11128-00045AA	2	64	SCREW-S PH+ M2*6	50412-20061EA	1
24	SENSOR ARM	11102-00530AA	2	65	SCREW-S PH+ M2*4	50412-20041EA	1
25	PAUSE LOCK CAM	11116-00010AA	2	66	SCREW-S BH+ M2.6*4	50062-26041EA	3
26	BASE PLATE ASS'Y	ADR04-006	2	67	SCREW-T PH+ M2*6	50232-20069EA	3
27	BUTTON KNOB	11133-00010BA	0	68	SCREW-S CH+ M2*8.5	50232-20089BA	2
28	GEAD BSE-AC	11105-00131AA	1	69	BUTTON SHAFT	11150-00150EA	0
29	GEAD BSE-M	11105-00031AA	1	70	POLY WASHER ® 1.6*® 3.5*T 0.5	51010-01605AA	2
30	REC SAFETY LEVER	11134-01010AA	1	71	POLY WASHER ® 1.6*® 3.5*T 0.3	51010-01603BA	4
31	SYNCHRO RELEASE LEVER	11134-01240AA	1	72	POLY WASHER ® 2.1*® 4*T 0.4	51010-02104BA	2
32	EJECT LEVER-F	11134-01220AA	2	73	POLY WASHER ® 2.1*® 3.2*T 0.2	51000-02101AA	2
33	CAM GEAR	11128-00393AA	2	74			
34	F,F GEAR	11128-00085AA	2	75			
35	PAUSE CAP	11117-00020AA	2	76	CORD CLAMP-B	11113-00040FA	2
36	MAIN LEAF S/W(MSW-1541XACV)	70022-02002CA	2	77	BRUSH FELT	11123-00181EB	2
37	PLAY/REC MUTE S/W(NSW-1716CV)	70022-02003CA	3	78	MOTOR CUSHION	11115-00020FA	3
38	R/P HEAD (MS15R-AA2N1)	71486-94027ZA	2	79	MAIN BELT ® 59.7*T 1.0	51424-05911BA	2
39	E-HEAD(LE15A-C1)	71486-91028ZA	1	80	SUB BELT ® 34.7*T 1.0	51424-03410BA	2
40	BUTTON CHASSIS	11112-00390BA	0	81	REC PLATE SPRING (14mm)	51299-04006XA	0
41	PINCH ARM SPRING	51272-06043BB	2	82	R/P HEAD (SS15R-AA4N1)	71486-94037ZA	0

ADJUSTMENTS

1. 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 15 minutes warming-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	FM98MHz75KHz Dev. 26dBμ	L203	Adjust for DC 0V±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. 26dBμ	RV201	Adjust for DC 1.17V±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 realigning 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.

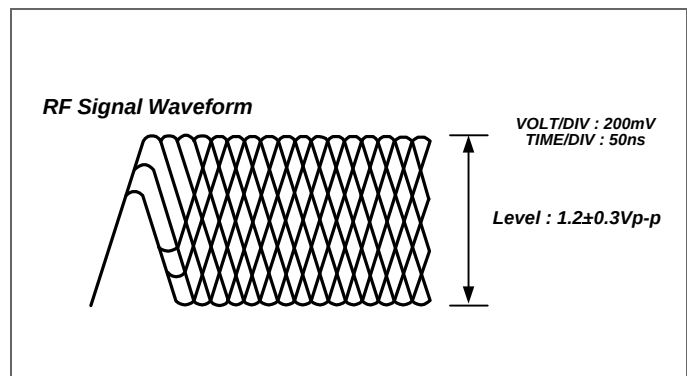
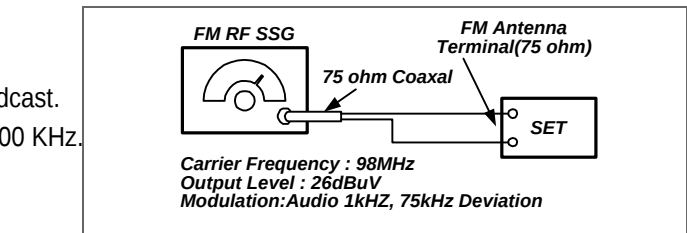
2. CD SECTION

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

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

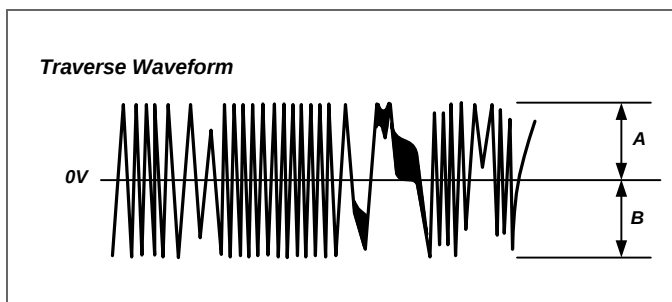
RF LEVEL CHECK

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.

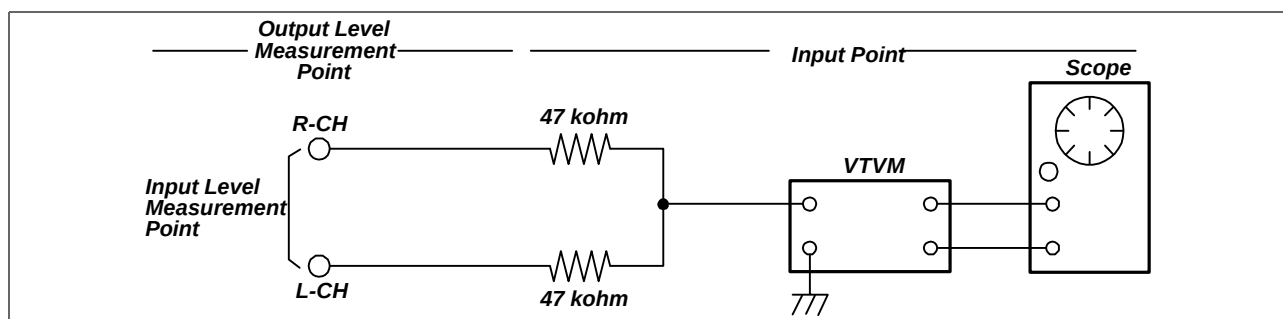


E-F BALANCE ADJUSTMENT

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.

3. 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)

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

RECORDING BIAS OSCILLATOR FREQUENCY ADJUSTMENT

1. Connect the frequency counter to TP603, GND.
2. Press the REC button.
3. Adjust L603 to obtain 80 KHz $\pm$ 100Hz

PARTS LIST

ATTENTION

1. When placing an order for parts, be sure to list the part No. , Model No. and the description of each part. Otherwise, the nondelivery of the part or the delivery of a wrong part may result.
2. Please make sure that part No. is correct when ordering. If not, a part different from the one you ordered may be delivered.
3. Since the parts shown in parts list of preliminary service manual may have been the subject of changes, please use this parts list for all future reference.

NOTE

1. This parts list lists those parts which are considered necessary for repairs. Other common parts, such as resistors and capacitors, are listed in the "Common List for Service Parts" from which these parts should be selected and stocked.
2. The Recommended Spare Parts list shows those parts in the parts list which are considered particularly important for service.
3. Parts not shown in the parts list and "Common List for Service Parts" will not in principle be supplied.

WARNING



(*) INDICATED SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURE S RECOMMENDED PARTS.

AVERTISSEMENT



(*) IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL, NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT.

AMI-721R (3Band/FTZ) Part List

Location	Part Code	Part Name	Description	Q'ty
10000	9CDC052003	PCB MAIN AS	AMI-721(3B/RDS/EMI)	1
11000	9CDC046104	PCB CD AS	AMI-921DPR0F(S/S MECHA)	1
12000	9CDC051711	PCB FRONT AS	AMI-721R2F	1
13000	9CDC050701	PCB OPTICAL JACK AS	AMI-710R0F(S/S MECHA)	1
14000	9CDC052100	PCB PT AS	AMI-721(230V/50HZ)	1
30000	9CDM031500	PANEL FRONT AS	AMI-921DPR0F	1
31000	9CDM032800	CASS DECK AS	AMI-721R0F	1
32000	9CDM033200	CD DECK AS	AMI-921DPR0F	1
33000	9CDM033000	CHASSIS BOTTOM AS	AMI-721R0F	1
34000	9CDM033300	COVER BACK AS	AMI-721R0F	1
50000	9CDG011300	PACKING AS	AMI-721R0F	1
10000	9CDC052003	PCB MAIN AS	AMI-721(3B/RDS/EMI)	1
B001	9CD6575300	PCB MAIN	330X197X1.6T	1
CC001	CCXB1H102K	C CERA	50V B 1000PF K (TAPPING)	1
CC002	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC004	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC005	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC006	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC1	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC101	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC102	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC103	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC104	CXCH1H180J	C CERA	50V CH 18PF J (TAPPING)	1
CC201	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC202	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC203	CCXB1H101K	C CERA	50V B 100PF K (TAPPING)	1
CC204	CCXB1H682K	C CERA	50V B 6800PF K (TAPPING)	1
CC205	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC206	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC207	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC209	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC210	CCXB1H561K	C CERA	50V B 560PF K (TAPPING)	1
CC211	CCXB1H561K	C CERA	50V B 560PF K (TAPPING)	1
CC212	CCXF1H473Z	C CERA	50V F 0.047MF Z (TAPPING)	1
CC213	CCXB1H472K	C CERA	50V B 4700PF K (TAPPING)	1
CC251	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC252	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1

PARTS LIST

Location	Part Code	Part Name	Description	Q'ty
CC253	CCXB1H102K	C CERA	50V B 1000PF K (TAPPING)	1
CC254	CCXB1H102K	C CERA	50V B 1000PF K (TAPPING)	1
CC255	CXCH1H330J	C CERA	50V CH 33PF J (TAPPING)	1
CC256	CXCH1H330J	C CERA	50V CH 33PF J (TAPPING)	1
CC257	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC270	CCXB1H331K	C CERA	50V B 330PF K (TAPPING)	1
CC275	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC276	CXCH1H820J	C CERA	50V CH 82PF J (TAPPING)	1
CC277	CXCH1H470J	C CERA	50V CH 47PF J (TAPPING)	1
CC278	CCXB1H331K	C CERA	50V B 330PF K (TAPPING)	1
CC279	CCXB1H331K	C CERA	50V B 330PF K (TAPPING)	1
CC461	CXCH1H101J	C CERA	50V CH 100PF J (TAPPING)	1
CC462	CXCH1H101J	C CERA	50V CH 100PF J (TAPPING)	1
CC463	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC481	CXCH1H101J	C CERA	50V CH 100PF J (TAPPING)	1
CC482	CXCH1H101J	C CERA	50V CH 100PF J (TAPPING)	1
CC483	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC601	CCXB1H821K	C CERA	50V B 820PF K (TAPPING)	1
CC602	CCXB1H821K	C CERA	50V B 820PF K (TAPPING)	1
CC603	CCXB1H821K	C CERA	50V B 820PF K (TAPPING)	1
CC604	CCXB1H821K	C CERA	50V B 820PF K (TAPPING)	1
CC605	CCXB1H102K	C CERA	50V B 1000PF K (TAPPING)	1
CC606	CCZB1H391K	C CERA	50V B 390PF K	1
CC607	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC608	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC609	CCXF1H473Z	C CERA	50V F 0.047MF Z (TAPPING)	1
CC801	CCXB1H332K	C CERA	50V B 3300PF K (TAPPING)	1
CC802	CCXB1H332K	C CERA	50V B 3300PF K (TAPPING)	1
CC803	CCXB1H471K	C CERA	50V B 470PF K (TAPPING)	1
CC804	CCXB1H471K	C CERA	50V B 470PF K (TAPPING)	1
CC805	CXCH1H509K	C CERA	CH 50V 5PF K AXL 52MM	1
CC806	CXCH1H509K	C CERA	CH 50V 5PF K AXL 52MM	1
CC807	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC808	CCXF1H223Z	C CERA	50V F 0.022MF Z (TAPPING)	1
CC811	CCXB1H472K	C CERA	50V B 4700PF K (TAPPING)	1
CC812	CCXB1H472K	C CERA	50V B 4700PF K (TAPPING)	1
CC813	CMXM1H473J	C MYLAR	50V 0.047MF J	1
CC814	CMXM1H473J	C MYLAR	50V 0.047MF J	1

Location	Part Code	Part Name	Description	Q'ty
CC817	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC819	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC901	CCXF1H223Z	C CERA	50V F 0.022MF Z (TAPPING)	1
CC902	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC903	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC904	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC905	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC906	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC907	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC908	W581GY6095	WIRE JUMPER	AWG22 1/0.65 SN 6 AUTO	1
CC931	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC932	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC933	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC934	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CE001	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE101	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE102	CEXF1E221V	C ELECTRO	25V RSS 220MF (8X11.5) TP	1
CE201	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	1
CE202	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	1
CE203	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE204	CEXF1H220V	C ELECTRO	50V RSS 22MF (5X11) TP	1
CE205	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	1
CE206	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	1
CE207	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	1
CE208	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	1
CE209	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	1
CE210	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	1
CE211	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	1
CE212	CEXF1H228V	C ELECTRO	50V RSS 0.22MF (5X11) TP	1
CE213	CEXF1E221V	C ELECTRO	25V RSS 220MF (8X11.5) TP	1
CE214	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	1
CE251	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	1
CN402	9736407800	CONN PIN	53095-1010 10PIN ANGLE	1
CN901	9738833900	CONN AS	#22 8P BOARD-IN 300MM	1
CW101	9CD6258800	CONN WAFER	2P S2B-XH-A	1
CW509	9738832100	CONN AS	7P 200 P=2.5 BOARDIN	1
CW601	9738833300	CONN AS	UL2851 #28 3P SHIELD 250M	1
CW602	9738833500	CONN AS	#28 6P SHIELD 250MM	1

PARTS LIST

Location	Part Code	Part Name	Description	Q'ty
CW701	9738833700	CONN AS	#26 8P FLAT 220MM	1
DZ901	DZTZ6R2A--	DIODE ZENER	MTZ-6.2 52MM TAPPING	1
DZ902	DZTZ33B---	DIODE ZENER	MTZ-33B	1
D201	DZN4148---	DIODE	1N4148 AUTO 52MM	1
D471	DZN4148---	DIODE	1N4148 AUTO 52MM	1
D601	DZN4148---	DIODE	1N4148 AUTO 52MM	1
D602	DZN4148---	DIODE	1N4148 AUTO 52MM	1
D801	D1N4001---	DIODE	1N4001	1
D802	D1N4001---	DIODE	1N4001	1
D901	D1N4001---	DIODE	1N4001	1
D902	D1N4001---	DIODE	1N4001	1
D903	DRL202----	DIODE	RL202	1
D904	DRL202----	DIODE	RL202	1
D905	D1N5402---	DIODE	1N5402	1
D906	D1N5402---	DIODE	1N5402	1
D907	D1N5402---	DIODE	1N5402	1
D908	D1N5402---	DIODE	1N5402	1
D909	D1N4001---	DIODE	1N4001	1
D931	DZN4148---	DIODE	1N4148 AUTO 52MM	1
IC201	1BA1450S--	IC	BA1450S	1
IC202	1LC72130--	IC	LC72130	1
IC204	1TDA7479D-	IC	TDA7479D	1
IC205	1MC7805---	IC	MC 7805 (KA7805)	1
IC471	1TDA7439--	IC AUDIO	TDA7439	1
IC601	1TA8189N--	IC	TA8189N	1
IC602	1BA7755A--	IC SWITCHING	BA7755A (HEAD SW)	1
IC603	1BU4094BCF	IC	BU4094BCF(SOP16)	1
IC604	1LA2000---	IC AMSS	LA2000	1
IC801	1STK41422-	IC	STK-4142-2	1
IC901	1L4959----	IC	L4959	1
JW603	RD-AZ333J-	R CARBON FILM	1/6 33K OHM J	1
J001	9736321900	JACK ANT	PAT645	1
J461	9CD6313700	JACK RCA	S-436P	1
J901	9766319501	JACK HEADPHONE	HTJ-064-05B GOLD	1
J902	9736320500	JACK SPEAKER	CJ-9007-040	1
L001	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	1
L101	5LR0000831	LW RF UNIT	KSNT-403ML	1
L203	5107FBK473	COIL DISCRIMINATOR	7X7 BLK KSZ-73S	1

Location	Part Code	Part Name	Description	Q'ty
L204	5LC682K822	COIL CHOKE	6.8MH	1
L205	5LC682K822	COIL CHOKE	6.8MH	1
L208	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
L251	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	1
L270	W581GY6095	WIRE JUMPER	AWG22 1/0.65 SN 6 AUTO	1
L601	5L0503K643	COIL BIAS OSC	SM-10F 5.04MH	1
Q001	TZTC3194Y-	TR	KTC3194Y	1
Q003	TKRA107M--	TR	KRA107M (KSR2006)	1
Q101	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	1
Q102	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	1
Q103	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	1
Q201	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	1
Q202	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	1
Q471	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	1
Q472	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	1
Q601	TZTK117Y--	FET	KTK117(Y) AUTO	1
Q602	TZTK117Y--	FET	KTK117(Y) AUTO	1
Q603	TZTA1266Y-	TR	KTA1266Y- (AUTO)(1015Y)	1
Q604	TZTA1266Y-	TR	KTA1266Y- (AUTO)(1015Y)	1
Q605	TZTC3205Y-	TR	KTC3205Y (2236Y)	1
Q606	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	1
Q607	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	1
Q608	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	1
Q609	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	1
Q610	TZRA111M--	TR	KRA111M	1
Q611	TZRA111M--	TR	KRA111M	1
Q612	TZRC111M--	TR	KRC111M	1
Q613	TZRA107M--	TR	KRA107M (KSR2006)	1
Q614	TZRA107M--	TR	KRA107M (KSR2006)	1
Q615	TZTA1273Y-	TR	KTA1273Y(966Y)	1
Q616	TZRC107M--	TR	KRC107M(AUTO)	1
Q617	TZTA1266Y-	TR	KTA1266Y- (AUTO)(1015Y)	1
Q618	TZRC107M--	TR	KRC107M(AUTO)	1
Q619	TZRC107M--	TR	KRC107M(AUTO)	1
Q901	TZTA1273Y-	TR	KTA1273Y(966Y)	1
Q902	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	1
RF901	RF01F4780J	R FUSIBLE	0.47OHM 1W	1
RF902	RF01F4780J	R FUSIBLE	0.47OHM 1W	1

PARTS LIST

Location	Part Code	Part Name	Description	Q'ty
RV201	RV6417223-	R SEMI FIXED	VM6CK-PV(1S) B 22K OHM	1
RV601	RV1417222-	R SEMI FIXED	1/10 2.2K OHM B V6EK-PV1S	1
RY901	5SC0201103	SW RELAY	HR-CR323 2C-1P DC12V	1
R002	W581GY6095	WIRE JUMPER	AWG22 1/0.65 SN 6 AUTO	1
R003	RD-AZ470J-	R CARBON FILM	1/6 47 OHM J	1
R004	RD-AZ100J-	R CARBON FILM	1/6 10 OHM J	1
R005	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J	1
R006	RD-AZ681J-	R CARBON FILM	1/6 680 OHM J	1
R007	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	1
R008	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	1
R009	RD-AZ100J-	R CARBON FILM	1/6 10 OHM J	1
R101	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R102	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	1
R103	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R104	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R105	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R106	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J	1
R107	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	1
R109	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R110	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R111	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R113	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	1
R201	RD-AZ183J-	R CARBON FILM	1/6 18K OHM J	1
R203	RD-AZ183J-	R CARBON FILM	1/6 18K OHM J	1
R206	RD-AZ100J-	R CARBON FILM	1/6 10 OHM J	1
R207	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R639	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R640	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R641	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R642	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R643	RD-AZ183J-	R CARBON FILM	1/6 18K OHM J	1
R644	RD-AZ183J-	R CARBON FILM	1/6 18K OHM J	1
R645	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R646	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R647	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R648	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R649	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	1
R650	RD-AZ334J-	R CARBON FILM	1/6 330K OHM J	1

Location	Part Code	Part Name	Description	Q'ty
R651	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R652	RD-AZ479J-	R CARBON FILM	1/6 4.7 OHM J	1
R653	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	1
R654	RD-4Z121J-	R CARBON FILM	1/4 120 OHM J	1
R655	RD-AZ333J-	R CARBON FILM	1/6 33K OHM J	1
R656	W581GY6095	WIRE JUMPER	AWG22 1/0.65 SN 6 AUTO	1
R657	RD-AZ470J-	R CARBON FILM	1/6 47 OHM J	1
R658	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	1
R659	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R661	RD-AZ474J-	R CARBON FILM	1/6 470K OHM J	1
R662	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R663	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	1
R664	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	1
R665	RD-AZ105J-	R CARBON FILM	1/6 1M OHM J	1
R668	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	1
R669	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R670	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	1
R671	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	1
R672	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	1
R673	RD-AZ105J-	R CARBON FILM	1/6 1M OHM J	1
R674	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J	1
R801	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	1
R802	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	1
R803	RD-AZ563J-	R CARBON FILM	1/6 56K OHM J	1
R804	RD-AZ563J-	R CARBON FILM	1/6 56K OHM J	1
R805	RD-4Z561J-	R CARBON FILM	1/4 560 OHM J	1
R806	RD-4Z561J-	R CARBON FILM	1/4 560 OHM J	1
R807	RD-4Z563J-	R CARBON FILM	1/4 56K OHM J	1
R808	RD-4Z563J-	R CARBON FILM	1/4 56K OHM J	1
R809	RD-4Z472J-	R CARBON FILM	1/4 4.7K OHM J	1
R810	RD-4Z472J-	R CARBON FILM	1/4 4.7K OHM J	1
R811	RD-4Z222J-	R CARBON FILM	1/4 2.2K OHM J	1
R812	RD-4Z103J-	R CARBON FILM	1/4 10K OHM J	1
R813	RD-4Z124J-	R CARBON FILM	1/4 120K OHM J	1
R814	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J	1
R815	RD-4Z103J-	R CARBON FILM	1/4 10K OHM J	1
R819	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J	1
R820	RD-4Z222J-	R CARBON FILM	1/4 2.2K OHM J	1

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Location	Part Code	Part Name	Description	Q'ty
R821	RD-4Z472J-	R CARBON FILM	1/4 4.7K OHM J	1
R822	RD-4Z472J-	R CARBON FILM	1/4 4.7K OHM J	1
R823	RD-4Z683J-	R CARBON FILM	1/4 68K OHM J	1
R824	RD-4Z103J-	R CARBON FILM	1/4 10K OHM J	1
R825	RD-4Z103J-	R CARBON FILM	1/4 10K OHM J	1
R826	RD-4Z103J-	R CARBON FILM	1/4 10K OHM J	1
R827	RD-4Z103J-	R CARBON FILM	1/4 10K OHM J	1
R828	RD-4Z393J-	R CARBON FILM	1/4 39K OHM J	1
R831	W581GY1005	WIRE JUMPER	AWG22 1/0.65 SN 10 AUTO	1
R832	W581GY6095	WIRE JUMPER	AWG22 1/0.65 SN 6 AUTO	1
R835	W581GY1005	WIRE JUMPER	AWG22 1/0.65 SN 10 AUTO	1
R836	W581GY1005	WIRE JUMPER	AWG22 1/0.65 SN 10 AUTO	1
R842	RD-4Z689J-	R CARBON FILM	1/4 6.8 OHM J	1
R843	RD-4Z689J-	R CARBON FILM	1/4 6.8 OHM J	1
R844	RD-4Z689J-	R CARBON FILM	1/4 6.8 OHM J	1
R845	RD-4Z689J-	R CARBON FILM	1/4 6.8 OHM J	1
R846	RD-4Z681J-	R CARBON FILM	1/4 680 OHM J	1
R847	RD-4Z681J-	R CARBON FILM	1/4 680 OHM J	1
R848	RD-4Z681J-	R CARBON FILM	1/4 680 OHM J	1
R849	RD-4Z681J-	R CARBON FILM	1/4 680 OHM J	1
R853	RD-4Z103J-	R CARBON FILM	1/4 10K OHM J	1
R901	W581GY1005	WIRE JUMPER	AWG22 1/0.65 SN 10 AUTO	1
R902	W581GY1005	WIRE JUMPER	AWG22 1/0.65 SN 10 AUTO	1
R903	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	1
R904	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	1
R905	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R906	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R907	RD-AZ100J-	R CARBON FILM	1/6 10 OHM J	1
R931	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R932	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R933	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R934	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R935	RD-AZ100J-	R CARBON FILM	1/6 10 OHM J	1
R936	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R939	RD-AZ393J-	R CARBON FILM	1/6 39K OHM J	1
TU001	9737612700	TUNER PACK	FTA3-503V	1
XC251	5XA7R20000	X-TAL	7.2M	1
XC270	5XA4R332M-	X-TAL	4.332M	1

Location	Part Code	Part Name	Description	Q'ty
10	9CD2412900	BRKT SIDE	ABS 1.5GR	1
20	7173301011	SCREW TAPPTITE	TT2 BIN 3X10 MFZN	1
11000	9CDC046104	PCB CD AS	AMI-921DPR0F(S/S MECHA)	1
B501	9CD6574800	PCB CD	247X197	1
CC501	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC502	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC503	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC504	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC505	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC506	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC507	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC508	CCZB1E391K	C CERA	25V B 390PF K (AXIAL)	1
CC509	CCXF1H473Z	C CERA	50V F 0.047MF Z (TAPPING)	1
CC510	CCZB1E222K	C CERA	25V B 2200PF K (AXIAL)	1
CC511	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC512	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC513	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC514	CCZB1E682K	C CERA	25V B 6800PF K (AXIAL)	1
CC515	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
R519	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	1
R520	RD-AZ393J-	R CARBON FILM	1/6 39K OHM J	1
R521	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R522	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R523	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	1
R524	RD-AZ822J-	R CARBON FILM	1/6 8.2K OHM J	1
R525	RD-AZ154J-	R CARBON FILM	1/6 150K OHM J	1
R526	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	1
R527	RD-AZ822J-	R CARBON FILM	1/6 8.2K OHM J	1
R528	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	1
R529	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J	1
R530	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	1
R531	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	1
R532	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	1
R533	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	1
R534	RD-AZ220J-	R CARBON FILM	1/6 22 OHM J	1
R535	RD-AZ823J-	R CARBON FILM	1/6 82K OHM J	1
R536	RD-AZ823J-	R CARBON FILM	1/6 82K OHM J	1
R537	RD-AZ393J-	R CARBON FILM	1/6 39K OHM J	1

PARTS LIST

Location	Part Code	Part Name	Description	Q'ty
R538	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	1
R539	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	1
R540	RD-AZ474J-	R CARBON FILM	1/6 470K OHM J	1
R541	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J	1
R542	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J	1
R543	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J	1
R545	RD-AZ100J-	R CARBON FILM	1/6 10 OHM J	1
R546	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	1
R547	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R548	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	1
R549	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	1
R550	RD-2Y229J-	R CARBON FILM	1/2 2.2 OHM J	1
R551	RD-AZ121J-	R CARBON FILM	1/6 120 OHM J	1
R552	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	1
R553	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J	1
R554	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J	1
R555	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J	1
R556	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J	1
R557	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	1
R558	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	1
R559	RD-AZ105J-	R CARBON FILM	1/6 1M OHM J	1
R560	RD-AZ105J-	R CARBON FILM	1/6 1M OHM J	1
R561	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R562	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R563	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R564	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R565	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R566	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R567	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	1
R568	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	1
R569	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	1
R570	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	1
R571	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	1
R572	RD-AZ393J-	R CARBON FILM	1/6 39K OHM J	1
R573	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R574	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R575	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R576	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1

Location	Part Code	Part Name	Description	Q'ty
R577	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R578	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R579	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R580	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R581	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	1
R582	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R583	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R584	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	1
R585	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	1
R586	RD-AZ393J-	R CARBON FILM	1/6 39K OHM J	1
R587	RD-AZ393J-	R CARBON FILM	1/6 39K OHM J	1
R588	RD-4Z100J-	R CARBON FILM	1/4 10 OHM J	1
R589	RD-4Z100J-	R CARBON FILM	1/4 10 OHM J	1
TP501	9713550400	PIN WRAPPING	1.0X2.5X15	1
TP502	9713550400	PIN WRAPPING	1.0X2.5X15	1
TP503	9713550400	PIN WRAPPING	1.0X2.5X15	1
TP504	9713550400	PIN WRAPPING	1.0X2.5X15	1
XC501	5PCSA16R93	RESONATOR CERA	CSA16.93MXZ04	1
12000	9CDC051711	PCB FRONT AS	AMI-721R2F	1
B001	9CD6577400	PCB FRONT	247X139X1.6T	1
CC701	CCXF1H223Z	C CERA	50V F 0.022MF Z (TAPPING)	1
CC702	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC703	CCXF1H223Z	C CERA	50V F 0.022MF Z (TAPPING)	1
CC704	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC705	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC706	CZCH1E101J	C CERA	CH 25V 100PF J AXL 52MM	1
CC707	CZCH1E101J	C CERA	CH 25V 100PF J AXL 52MM	1
CC708	CZCH1E101J	C CERA	CH 25V 100PF J AXL 52MM	1
CC709	CZCH1E101J	C CERA	CH 25V 100PF J AXL 52MM	1
CC710	CZCH1E101J	C CERA	CH 25V 100PF J AXL 52MM	1
CC712	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC713	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC714	CZCH1E150J	C CERA	CH 25V 15PF J (AXIAL)	1
CC715	CZCH1E180J	C CERA	CH 25V 18PF J (AXIAL)	1
CC716	CZCH1E330J	C CERA	CH 25V 33PF J AXIAL 52MM	1
CC717	CZCH1E330J	C CERA	CH 25V 33PF J AXIAL 52MM	1
CC718	CCXF1H223Z	C CERA	50V F 0.022MF Z (TAPPING)	1
CC719	CZCH1E330J	C CERA	CH 25V 33PF J AXIAL 52MM	1

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Location	Part Code	Part Name	Description	Q'ty
CC720	CCXF1H223Z	C CERA	50V F 0.022MF Z (TAPPING)	1
CC721	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC722	CCXF1H223Z	C CERA	50V F 0.022MF Z (TAPPING)	1
CC723	CZCH1E101J	C CERA	CH 25V 100PF J AXL 52MM	1
CC724	CCZB1E221K	C CERA	25V B 220PF K (AXIAL)	1
CC725	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC726	CCXF1H223Z	C CERA	50V F 0.022MF Z (TAPPING)	1
CE701	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	1
CE702	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	1
CE703	CEXF1A102V	C ELECTRO	10V RSS 1000MF (10X16) TP	1
CE704	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	1
CE705	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	1
R732	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R733	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R734	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J	1
R735	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R736	RD-4Z689J-	R CARBON FILM	1/4 6.8 OHM J	1
R737	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R738	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R739	RD-4Z689J-	R CARBON FILM	1/4 6.8 OHM J	1
R740	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	1
R741	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	1
R742	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	1
R743	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R744	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R745	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J	1
R746	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R747	RD-AZ391J-	R CARBON FILM	1/6 390 OHM J	1
R748	RD-AZ271J-	R CARBON FILM	1/6 270 OHM J	1
R749	RD-AZ391J-	R CARBON FILM	1/6 390 OHM J	1
R750	RD-AZ271J-	R CARBON FILM	1/6 270 OHM J	1
R751	RD-AZ391J-	R CARBON FILM	1/6 390 OHM J	1
R752	RD-AZ271J-	R CARBON FILM	1/6 270 OHM J	1
R753	RD-AZ391J-	R CARBON FILM	1/6 390 OHM J	1
R754	RD-AZ271J-	R CARBON FILM	1/6 270 OHM J	1
R755	RD-AZ390J-	R CARBON FILM	1/6 39 OHM J	1
R756	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	1
R757	RD-AZ334J-	R CARBON FILM	1/6 330K OHM J	1

Location	Part Code	Part Name	Description	Q'ty
R758	RD-AZ334J-	R CARBON FILM	1/6 330K OHM J	1
R759	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	1
R760	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R761	RD-AZ106J-	R CARBON FILM	1/6 10M OHM J	1
R762	RD-AZ334J-	R CARBON FILM	1/6 330K OHM J	1
R763	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	1
R764	RD-AZ100J-	R CARBON FILM	1/6 10 OHM J	1
R765	RD-AZ184J-	R CARBON FILM	1/6 180K OHM J	1
R766	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R768	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	1
R769	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	1
R770	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R771	RD-AZ224J-	R CARBON FILM	1/6 220K OHM J	1
R774	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R775	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	1
R776	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	1
R777	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R778	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R779	RD-AZ333J-	R CARBON FILM	1/6 33K OHM J	1
SW701	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW703	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW704	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW705	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW706	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW707	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW708	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW709	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW710	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW711	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW712	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW713	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW714	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW715	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW716	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW717	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW718	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW720	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW721	5S50101001	SW TACT	KPT-1105A 1C-1P	1

PARTS LIST

Location	Part Code	Part Name	Description	Q'ty
SW722	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW723	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW724	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW725	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW726	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW727	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW728	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW729	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW730	5S50101001	SW TACT	KPT-1105A 1C-1P	1
SW731	5S50101001	SW TACT	KPT-1105A 1C-1P	1
VR701	5SH162401-	SW ENCORDER	EC16B24204 24P W/DETENT	1
XC701	5PCSA8MTZ-	RESONATOR	CSA8MTZ, 8MHZ	1
XC702	5XA32R768-	X-TAL	DT-38 32.768KHZ 20PPM	1
10	9CD2506300	GUIDE FLT	ABS.BK. 10.7GR	1
13000	9CDC050701	PCB OPTICAL JACK AS	AMI-710R0F(S/S MECHA)	1
BD501	9768602000	CORE BEAD	H.B-T15X25X13ON	1
B001	9CD6577800	PCB OPTICAL	29X21X1.6T	1
CC561	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CW510	9738857300	CONN AS	3P P=2.5 400MM	1
IC507	1T0TX178--	IC	T0TX178	1
L502	W581GY6095	WIRE JUMPER	AWG22 1/0.65 SN 6 AUTO	1
				1
14000	9CDC052100	PCB PT AS	AMI-721(230V/50HZ)	1
B001	9CD6575301	PCB PT	330X197X1.6T	1
CD901	9736900200	CORD AC	KKP419C,KLCE-2F,0.75SQURE	1
CW901	9738833900	CONN AS	#22 8P BOARD-IN 300MM	1
FC901	9734600700	CLIP FUSE	FC-5N	1
FC902	9734600700	CLIP FUSE	FC-5N	1
F901	5FSGB8012L	FUSE GLASS TUBE	SEMKO MF51 800MA 250V TL	1
PT901	5TP8066768	TRANS POWER	EI=66X50 230V 50HZ	1
R2	RN-2Y475J-	R METAL FILM	1/2 4.7M OHM J	1
TP901	9713550400	PIN WRAPPING	1.0X2.5X15	1
TP902	9713550400	PIN WRAPPING	1.0X2.5X15	1
30000	9CDM031500	PANEL FRONT AS	AMI-921DPR0F	1
10	9CD0306700	PANEL FRONT	MIPS.SP.SILKX5.349GR	1
20	9CD1501300	BADGE AKAI	ABS.S/V 286-385002A-03S	1
30	9CD1336800	KNOB JOG DIAL	ABS. SP. 7.5GR	1
40	7173261011	SCREW TAPPTITE	TT2 BIN 2.6X10 MFZN	1

Location	Part Code	Part Name	Description	Q'ty
50	9CD18100A0	"DOOR COVER "A"	MIPS.SP.SILK. 41GR	1
60	9CD1809400	DOOR FRAME A	ABS	1
70	9CD30080L0	SPRING CASS EJECT(L)	SUS D0.8	1
80	9CD18100B0	"DOOR COVER "B"	MIPS.SP.SILK. 41GR	1
CE272	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE273	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	1
CE471	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	1
CE472	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE473	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE474	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE475	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE476	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE477	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE478	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE479	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE480	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE481	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE482	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE483	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE484	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE485	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE486	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	1
CE487	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE488	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE489	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE601	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE602	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE603	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	1
CE604	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	1
CE605	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE606	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE608	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE609	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	1
CE611	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE612	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE613	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	1
CE614	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	1
CE615	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	1

PARTS LIST

Location	Part Code	Part Name	Description	Q'ty
CE616	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	1
CE617	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	1
CE618	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE619	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE620	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE621	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	1
CE622	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	1
CE623	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP	1
CE624	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE625	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE626	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE801	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE802	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	1
CE803	CEXF1H470V	C ELECTRO	50V RSS 47MF (6.3X11) TP	1
CE804	CEXF1H101V	C ELECTRO	50V RSS 100MF (8X11.5) TP	1
CE805	CEXF1H101V	C ELECTRO	50V RSS 100MF (8X11.5) TP	1
CE807	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	1
CE808	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	1
CE809	CEXF1H101V	C ELECTRO	50V RSS 100MF (8X11.5) TP	1
CE810	CEXF1H470V	C ELECTRO	50V RSS 47MF (6.3X11) TP	1
CE811	CEXF1H101V	C ELECTRO	50V RSS 100MF (8X11.5) TP	1
CE812	CEXF1H101V	C ELECTRO	50V RSS 100MF (8X11.5) TP	1
CE813	CEXF1H101V	C ELECTRO	50V RSS 100MF (8X11.5) TP	1
CE902	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE903	CEXF1H101V	C ELECTRO	50V RSS 100MF (8X11.5) TP	1
CE904	CEXF1H101V	C ELECTRO	50V RSS 100MF (8X11.5) TP	1
CE905	CEYF1E222V	C ELECTRO	25V RSS 2200MF (16X25)	1
CE906	CEYF1H222V	C ELECTRO	50V RSS 2200MF (18X35.5)	1
CE907	CEYF1H222V	C ELECTRO	50V RSS 2200MF (18X35.5)	1
CE932	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE933	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE934	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE935	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CF001	5PE107MS2A	FILTER CERA	SFE107MS2-A	1
CF002	5PE107MJA-	FILTER CERA	SFE 10.7MHZ RED	1
CF201	5PPCFAZ077	FILTER	PCFAZ077	1
CM201	CMXM1H153J	C MYLAR	50V 0.015MF J (TP)	1
CM202	CMXM1H103J	C MYLAR	50V 0.01MF J (TP)	1

Location	Part Code	Part Name	Description	Q'ty
CM203	CMXM1H103J	C MYLAR	50V 0.01MF J (TP)	1
CM204	CMXM1H103J	C MYLAR	50V 0.01MF J (TP)	1
CM205	CMXM1H103J	C MYLAR	50V 0.01MF J (TP)	1
CM206	CMXM1H562J	C MYLAR	50V 5600 PF J	1
CM207	CMXM1H562J	C MYLAR	50V 5600 PF J	1
CM471	CMXM1H183J	C MYLAR	50V 0.018MF J	1
CM472	CMXM1H223J	C MYLAR	50V 0.022MF J	1
CM473	CMXM1H104J	C MYLAR	50V 0.1MF J	1
CM474	CMXM1H104J	C MYLAR	50V 0.1MF J	1
CM475	CMXM1H104J	C MYLAR	50V 0.1MF J	1
CM476	CMXM1H104J	C MYLAR	50V 0.1MF J	1
CM477	CMXM1H223J	C MYLAR	50V 0.022MF J	1
CM478	CMXM1H183J	C MYLAR	50V 0.018MF J	1
CM479	CMXM1H562J	C MYLAR	50V 5600 PF J	1
CM480	CMXM1H562J	C MYLAR	50V 5600 PF J	1
CM601	CCXB1H681K	C CERA	50V B 680PF K (TAPPING)	1
CM602	CCXB1H681K	C CERA	50V B 680PF K (TAPPING)	1
CM603	CMXM1H223J	C MYLAR	50V 0.022MF J	1
CM604	CMXM1H223J	C MYLAR	50V 0.022MF J	1
CM605	CMXM1H102J	C MYLAR	50V 0.001MF J (TP)	1
CM606	CMXM1H102J	C MYLAR	50V 0.001MF J (TP)	1
CM607	CCXB1H331K	C CERA	50V B 330PF K (TAPPING)	1
CM608	CCXB1H331K	C CERA	50V B 330PF K (TAPPING)	1
CM609	CMXM1H473J	C MYLAR	50V 0.047MF J	1
CM610	CMXM1H473J	C MYLAR	50V 0.047MF J	1
CM611	CMXM1H332J	C MYLAR	50V 3300 PF J	1
CM612	CMXM1H332J	C MYLAR	50V 3300 PF J	1
CM613	CMXM1H223J	C MYLAR	50V 0.022MF J	1
CM614	CMXM1H392J	C MYLAR	50V 0.0039MF J	1
CM615	CMXM1H472J	C MYLAR	50V 0.0047MF J	1
CM616	CMXM1H472J	C MYLAR	50V 0.0047MF J	1
CM801	CMXM1H104J	C MYLAR	50V 0.1MF J	1
CM802	CMXM1H104J	C MYLAR	50V 0.1MF J	1
CM901	CMXM1H104J	C MYLAR	50V 0.1MF J	1
CM904	CMXM1H104J	C MYLAR	50V 0.1MF J	1
CN401	9736407600	CONN AS	PIN BASE 53095-1310 13P	1
R208	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R209	RD-AZ470J-	R CARBON FILM	1/6 47 OHM J	1

PARTS LIST

Location	Part Code	Part Name	Description	Q'ty
R210	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R211	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	1
R212	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	1
R213	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R214	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R215	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R216	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R217	RD-AZ474J-	R CARBON FILM	1/6 470K OHM J	1
R218	RD-AZ474J-	R CARBON FILM	1/6 470K OHM J	1
R219	RD-AZ682J-	R CARBON FILM	1/6 6.8K OHM J	1
R221	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J	1
R222	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J	1
R223	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J	1
R227	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	1
R228	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	1
R251	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R252	RD-AZ470J-	R CARBON FILM	1/6 47 OHM J	1
R253	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	1
R254	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R255	RD-AZ100J-	R CARBON FILM	1/6 10 OHM J	1
R256	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R257	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R258	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R259	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	1
R260	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R261	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R262	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R263	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R264	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	1
R265	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R275	RD-AZ470J-	R CARBON FILM	1/6 47 OHM J	1
R276	RD-AZ823J-	R CARBON FILM	1/6 82K OHM J	1
R277	RD-AZ823J-	R CARBON FILM	1/6 82K OHM J	1
R401	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J	1
R402	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J	1
R403	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J	1
R404	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J	1
R421	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1

Location	Part Code	Part Name	Description	Q'ty
R422	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R423	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	1
R424	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	1
R431	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J	1
R432	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J	1
R433	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	1
R434	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	1
R435	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	1
R461	RD-AZ822J-	R CARBON FILM	1/6 8.2K OHM J	1
R462	RD-AZ822J-	R CARBON FILM	1/6 8.2K OHM J	1
R463	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J	1
R464	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J	1
R471	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	1
R472	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	1
R473	RD-AZ224J-	R CARBON FILM	1/6 220K OHM J	1
R474	RD-AZ224J-	R CARBON FILM	1/6 220K OHM J	1
R475	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J	1
R476	RD-AZ562J-	R CARBON FILM	1/6 5.6K OHM J	1
R477	RD-AZ562J-	R CARBON FILM	1/6 5.6K OHM J	1
R478	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J	1
R480	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R481	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R482	W581GY6095	WIRE JUMPER	AWG22 1/0.65 SN 6 AUTO	1
R483	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	1
R484	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R485	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R486	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	1
R487	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R488	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R489	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R601	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R602	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R603	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R604	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R605	RD-AZ820J-	R CARBON FILM	1/6 82 OHM J	1
R606	RD-AZ820J-	R CARBON FILM	1/6 82 OHM J	1
R607	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	1
R608	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	1

PARTS LIST

Location	Part Code	Part Name	Description	Q'ty
R609	RD-AZ682J-	R CARBON FILM	1/6 6.8K OHM J	1
R610	RD-AZ682J-	R CARBON FILM	1/6 6.8K OHM J	1
R611	RD-AZ562J-	R CARBON FILM	1/6 5.6K OHM J	1
R612	RD-AZ562J-	R CARBON FILM	1/6 5.6K OHM J	1
R613	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R614	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R615	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	1
R616	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	1
R617	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J	1
R618	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J	1
R619	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R620	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R621	RD-AZ333J-	R CARBON FILM	1/6 33K OHM J	1
R622	RD-AZ105J-	R CARBON FILM	1/6 1M OHM J	1
R623	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	1
R624	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R625	RD-AZ184J-	R CARBON FILM	1/6 180K OHM J	1
R626	RD-AZ184J-	R CARBON FILM	1/6 180K OHM J	1
R627	RD-AZ151J-	R CARBON FILM	1/6 150 OHM J	1
R628	RD-AZ151J-	R CARBON FILM	1/6 150 OHM J	1
R629	RD-AZ224J-	R CARBON FILM	1/6 220K OHM J	1
R630	RD-AZ224J-	R CARBON FILM	1/6 220K OHM J	1
R631	RD-AZ682J-	R CARBON FILM	1/6 6.8K OHM J	1
R632	RD-AZ682J-	R CARBON FILM	1/6 6.8K OHM J	1
R633	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J	1
R634	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J	1
R635	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R636	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R637	RD-AZ184J-	R CARBON FILM	1/6 180K OHM J	1
R638	RD-AZ184J-	R CARBON FILM	1/6 180K OHM J	1
CC516	CCZB1E222K	C CERA	25V B 2200PF K (AXIAL)	1
CC517	CZCH1E330J	C CERA	CH 25V 33PF J AXIAL 52MM	1
CC518	CCZB1E472K	C CERA	25V B 4700PF K (AXIAL)	1
CC520	CCZB1E102K	C CERA	25V B 1000PF K (AXIAL)	1
CC521	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC522	CCXF1H473Z	C CERA	50V F 0.047MF Z (TAPPING)	1
CC523	CCZB1E152K	C CERA	25V B 1500PF K (AXIAL)	1
CC524	CZCH1H270J	C CERA	CH 50V 27PF J AXL 52MM	1

Location	Part Code	Part Name	Description	Q'ty
CC525	CZCH1H270J	C CERA	CH 50V 27PF J AXL 52MM	1
CC526	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC527	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC528	CCXF1H473Z	C CERA	50V F 0.047MF Z (TAPPING)	1
CC529	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC531	CCZB1E151K	C CERA	25V B 150PF K (AXIAL)	1
CC532	CCZB1E151K	C CERA	25V B 150PF K (AXIAL)	1
CC533	CCZB1E102K	C CERA	25V B 1000PF K (AXIAL)	1
CC534	CCZB1E102K	C CERA	25V B 1000PF K (AXIAL)	1
CC535	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC536	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	1
CC537	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC542	CCZB1E472K	C CERA	25V B 4700PF K (AXIAL)	1
CC543	CCZB1E472K	C CERA	25V B 4700PF K (AXIAL)	1
CC544	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC545	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC546	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC547	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC548	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC549	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC550	CCXF1H104Z	C CERA	50V F 0.1MF Z	1
CC563	CXCH1H101J	C CERA	50V CH 100PF J (TAPPING)	1
CE501	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	1
CE502	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP	1
CE503	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP	1
CE504	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	1
CE505	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP	1
CE506	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	1
CE507	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP	1
CE508	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	1
CE509	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	1
CE510	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	1
CE511	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP	1
CE512	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP	1
CE513	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP	1
CE514	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	1
CE515	CEXE1C102A	C ELECTRO	16V RS 1000MF 13X20	1
CE516	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	1

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Location	Part Code	Part Name	Description	Q'ty
CE517	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP	1
CE518	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE519	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	1
CE520	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	1
CE521	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	1
CE522	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	1
CE523	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	1
CE524	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	1
CM501	CMXM1H333J	C MYLAR	50V 0.033MF J (TP)	1
CM502	CMXM1H683J	C MYLAR	50V 0.068 MF J	1
CM503	CMXM1H183J	C MYLAR	50V 0.018MF J	1
CM504	CMXM1H333J	C MYLAR	50V 0.033MF J (TP)	1
CM505	CMXM1H122J	C MYLAR	50V 0.0012MF J	1
CM506	CMXM1H122J	C MYLAR	50V 0.0012MF J	1
CN501	9738835600	CONN AS	FFC 16P P1.0X110MM R	1
CN503	9738832900	CONN AS	#30 UL1007 6P 170 P=2.0	1
CN505	9738832000	CONN AS	AWG26 10P 350 P=2.0 BR	1
CN508	9738832400	CONN AS	FFT 19P 300MM P=1.25	1
CN509	9738832100	CONN AS	7P 200 P=2.5 BOARDIN	1
CN510	9738857300	CONN AS	3P P=2.5 400MM	1
CW501	9CD6259300	CONN WAFER	52807-1610	1
CW502	9CD6259600	CONN WAFER	2503-WS-2P	1
CW503	9738832900	CONN AS	#30 UL1007 6P 170 P=2.0	1
CW508	9736408400	CONN WAFER	52045-1945 19P	1
DZ501	DZTZ5R6B--	DIODE ZENER	UZ-5.6B	1
DZ502	DZTZ3R9B--	DIODE ZENER	MTZ3.9B	1
DZ503	DZTZ5R6B--	DIODE ZENER	UZ-5.6B	1
DZ504	DZTZ5R6B--	DIODE ZENER	UZ-5.6B	1
D501	DZN4148---	DIODE	1N4148 AUTO 52MM	1
D502	DZN4148---	DIODE	1N4148 AUTO 52MM	1
IC501	1KA9220B--	IC CHIP RF	KA9220B	1
IC502	1KA9282B--	IC AUDIO DSP	KA9282B	1
IC503	1KA9258D--	IC CHIP	KA9258D	1
IC504	1DBL2084--	IC	DBL2084(D/W)	1
IC505	1KA9270---	IC AUDIO	KA9270	1
IC506	1DBL2084--	IC	DBL2084(D/W)	1
JW567	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
Q501	TKSA928AY-	TR	KSA928A-Y	1

Location	Part Code	Part Name	Description	Q'ty
Q502	TKSA928AY-	TR	KSA928A-Y	1
Q503	TKSC2331Y-	TR	KSC2331Y	1
Q504	TKSR1003--	TR	KSR1003	1
Q505	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	1
RV501	RV6417223-	R SEMI FIXED	VM6CK-PV(1S) B 22K OHM	1
RV502	RV6417223-	R SEMI FIXED	VM6CK-PV(1S) B 22K OHM	1
R501	RD-AZ474J-	R CARBON FILM	1/6 470K OHM J	1
R502	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	1
R503	RD-AZ154J-	R CARBON FILM	1/6 150K OHM J	1
R504	RD-AZ184J-	R CARBON FILM	1/6 180K OHM J	1
R505	RD-AZ105J-	R CARBON FILM	1/6 1M OHM J	1
R506	RD-AZ820J-	R CARBON FILM	1/6 82 OHM J	1
R507	RD-AZ822J-	R CARBON FILM	1/6 8.2K OHM J	1
R508	RD-AZ105J-	R CARBON FILM	1/6 1M OHM J	1
R509	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	1
R510	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	1
R511	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R512	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	1
R513	RD-AZ124J-	R CARBON FILM	1/6 120K OHM J	1
R514	RD-AZ563J-	R CARBON FILM	1/6 56K OHM J	1
R515	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J	1
R516	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J	1
R517	RD-AZ563J-	R CARBON FILM	1/6 56K OHM J	1
R518	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	1
CE706	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	1
CN701	9738833700	CONN AS	#26 8P FLAT 220MM	1
CN703	9738834100	CONN AS	#26 13P FLAT 100MM	1
CN704	9738834000	CONN AS	#26 2.0PITCH 11P FLAT 150	1
CW401	9736407700	PIN WAFER	52084-1310 13P BOTTOM	1
CW402	9736407900	CONN WAFER	52084-1010 10P BOTTOM	1
CW508	9736408300	CONN WAFER	52492-1920 19P BOTTOM	1
D701	DZN4148---	DIODE	1N4148 AUTO 52MM	1
D702	DZN4148---	DIODE	1N4148 AUTO 52MM	1
D703	DZN4148---	DIODE	1N4148 AUTO 52MM	1
D704	DZN4148---	DIODE	1N4148 AUTO 52MM	1
D705	DZN4148---	DIODE	1N4148 AUTO 52MM	1
D706	DZN4148---	DIODE	1N4148 AUTO 52MM	1
D707	DZN4148---	DIODE	1N4148 AUTO 52MM	1

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Location	Part Code	Part Name	Description	Q'ty
D708	DZN4148---	DIODE	1N4148 AUTO 52MM	1
FD701	DBJ703GNK-	VFD	BJ703GNK	1
IC701	1M24C04---	IC	M24C04-BN6	1
IC702	1M38199721	IC	M38199721(921DP/721L)	1
IC703	1MSGEQ5A--	IC	MSGEQ5A	1
IC704	1BU4094BCF	IC	BU4094BCF(SOP16)	1
IC705	1PNA4612HB	IC	PNA4612M00HB	1
LD701	DLTL16KGE-	LED	LTL-16KGE(GREEN)PI3.1	1
LD702	DLTL16KGE-	LED	LTL-16KGE(GREEN)PI3.1	1
LD703	DLTL16KYE-	LED	LTL-16KYE (AMBER)PI3.1	1
LD704	DLTL16KGE-	LED	LTL-16KGE(GREEN)PI3.1	1
LD705	DLTL16KGE-	LED	LTL-16KGE(GREEN)PI3.1	1
LD706	DLTL16KYE-	LED	LTL-16KYE (AMBER)PI3.1	1
LD707	DLTL16KGE-	LED	LTL-16KGE(GREEN)PI3.1	1
LD708	DLTL16KGE-	LED	LTL-16KGE(GREEN)PI3.1	1
LD709	DLTL16KYE-	LED	LTL-16KYE (AMBER)PI3.1	1
LD710	DLTL16KGE-	LED	LTL-16KGE(GREEN)PI3.1	1
LD711	DLTL16KGE-	LED	LTL-16KGE(GREEN)PI3.1	1
LD712	DLTL16KYE-	LED	LTL-16KYE (AMBER)PI3.1	1
Q701	TKRC107M--	TR	KRC107-M TAPPING(KSR1006)	1
Q702	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	1
Q703	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	1
Q704	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	1
Q705	TZTA1273Y-	TR	KTA1273Y(966Y)	1
Q706	TKRC107M--	TR	KRC107-M TAPPING(KSR1006)	1
Q707	TZTA1273Y-	TR	KTA1273Y(966Y)	1
Q708	TKRC107M--	TR	KRC107-M TAPPING(KSR1006)	1
Q709	TZTA1273Y-	TR	KTA1273Y(966Y)	1
Q710	TKRC107M--	TR	KRC107-M TAPPING(KSR1006)	1
Q711	TKRA111M--	TR	KRA111-M TAPPING(KSR2010)	1
Q712	TKRC107M--	TR	KRC107-M TAPPING(KSR1006)	1
Q713	TKRA111M--	TR	KRA111-M TAPPING(KSR2010)	1
Q714	TKRA111M--	TR	KRA111-M TAPPING(KSR2010)	1
Q715	TKRA111M--	TR	KRA111-M TAPPING(KSR2010)	1
Q716	TKRA111M--	TR	KRA111-M TAPPING(KSR2010)	1
R301	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	1
R3011	W581GY6095	WIRE JUMPER	AWG22 1/0.65 SN 6 AUTO	1
R302	RD-AZ151J-	R CARBON FILM	1/6 150 OHM J	1

Location	Part Code	Part Name	Description	Q'ty
R303	RD-AZ181J-	R CARBON FILM	1/6 180 OHM J	1
R304	RD-AZ271J-	R CARBON FILM	1/6 270 OHM J	1
R305	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	1
R306	RD-AZ391J-	R CARBON FILM	1/6 390 OHM J	1
R307	RD-AZ471J-	R CARBON FILM	1/6 470 OHM J	1
R308	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	1
R309	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J	1
R310	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	1
R311	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J	1
R312	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	1
R313	RD-AZ151J-	R CARBON FILM	1/6 150 OHM J	1
R314	RD-AZ181J-	R CARBON FILM	1/6 180 OHM J	1
R315	RD-AZ271J-	R CARBON FILM	1/6 270 OHM J	1
R316	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	1
R317	RD-AZ391J-	R CARBON FILM	1/6 390 OHM J	1
R3171	W581GY6095	WIRE JUMPER	AWG22 1/0.65 SN 6 AUTO	1
R318	RD-AZ471J-	R CARBON FILM	1/6 470 OHM J	1
R319	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	1
R320	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J	1
R321	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	1
R322	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	1
R323	RD-AZ151J-	R CARBON FILM	1/6 150 OHM J	1
R324	RD-AZ181J-	R CARBON FILM	1/6 180 OHM J	1
R325	RD-AZ271J-	R CARBON FILM	1/6 270 OHM J	1
R326	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	1
R327	RD-AZ391J-	R CARBON FILM	1/6 390 OHM J	1
R328	RD-AZ471J-	R CARBON FILM	1/6 470 OHM J	1
R701	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R702	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R703	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R704	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R705	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	1
R706	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	1
R707	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	1
R708	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R709	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R710	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R711	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1

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Location	Part Code	Part Name	Description	Q'ty
R712	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R713	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	1
R714	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	1
R715	RD-AZ333J-	R CARBON FILM	1/6 33K OHM J	1
R716	RD-AZ393J-	R CARBON FILM	1/6 39K OHM J	1
R717	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	1
R718	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	1
R719	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	1
R720	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	1
R722	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R723	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R724	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R725	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	1
R727	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R728	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
R729	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R730	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	1
R731	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	1
90	9CD1809500	DOOR FRAME B	ABS	1
100	9CD30080R0	SPRING CASS EJECT(R)	SUS D0.8	1
110	9CD0B01400	LOCKER BASE	ABS	2
120	9CD0B01500	LOCKER CAM	ABS	2
130	9CD0B01600	LOCKER SPRING	PW-1 D0.3	2
140	9CD2603300	DAMPER BASE B	ABS	2
150	9CD2603200	DAMPER GEAR B	ACETAL	2
160	7173301011	SCREW TAPPTITE	TT2 BIN 3X10 MFZN	2
170	9CD1336400	KNOB CD	ABS.SP.SILK. 3.3GR	1
180	9CD1337500	KNOB DISC	ABS.SP. 2.8GR	1
190	9CD1336600	KNOB EQ	ABS.SP. 2.2GR	1
200	9CD1336500	KNOB CONTROL	ABS.SP.SILK. 36GR	1
210	9CD0910300	PLATE FILTER	LEXAN T0.125	1
220	9CD1336700	KNOB FUNCTION	ACRYL.CLEAR. 7.2GR	1
230	9CD1336900	KNOB POWER	ABS.SP.SILK. 7.5GR	1
240	9CD0910200	PLATE DECO	PVC 1.0T.SP.SILK	1
250	9CD1337000	KNOB VR	ABS.SP.SILK.15GR	1
260	9CD16148A0	WINDOW DOOR A	ACRYL SMOG	1
270	9CD16148B0	WINDOW DOOR B	ACRYL SMOG	1
280	9CD1614700	WINDOW FLT	ACRYL. 57.5GR	1

Location	Part Code	Part Name	Description	Q'ty
290	9CD2412900	BRKT SIDE	ABS 1.5GR	1
300	7173261011	SCREW TAPPTITE	TT2 BIN 2.6X10 MFZN	12
310	7173301011	SCREW TAPPTITE	TT2 BIN 3X10 MFZN	2
320	7173301011	SCREW TAPPTITE	TT2 BIN 3X10 MFZN	4
330	7173301012	SCREW TAPTITE	TT2 BIN 3X10 MFZN BK	2
340	9CD4207700	CUSHION FOOT	URETHAN FOAM RUBBER	2
350	9CD1810100	DOOR CD	MIPS(HI:75%,GP:25%)	1
360	2TF06010CL	TAPE FILAMENT	0.06TX10MM CLEAR	2
31000	9CDM032800	CASS DECK AS	AMI-721R0F	1
CN601	9738833300	CONN AS	UL2851 #28 3P SHIELD 250M	1
CN602	9738833500	CONN AS	#28 6P SHIELD 250MM	1
W601	9738834300	WIRE LEAD	#26 1P 200MM	1
10	9CD6007000	CASS DECK MECHA	ADR-2138MW(SAMSUNG)	1
32000	9CDM033200	CD DECK AS	AMI-921DPR0F	1
10	9CD6007100	CD DECK MECHA	CMS FR3 B TYPE	1
20	9CD4402800	HEAT SINK	BSP 0.5T	1
30	7173301011	SCREW TAPPTITE	TT2 BIN 3X10 MFZN	4
33000	9CDM033000	CHASSIS BOTTOM AS	AMI-721R0F	1
10	9CD0607100	CHASSIS BOTTOM	SECC T1.0	1
20	9CD2303300	HOLDER AC CORD	ABS 4.0GR	1
30	9CD3102400	WASHER SCREW	TT2 BIN 3X10+D14 ACD-7600	1
40	9CD4404600	HEAT SINK3	AL T2.0	1
50	7273400611	SCREW TAPPTITE	TT3 BIN 4X6 MFZN	4
60	7173301212	SCREW TAPPTITE	TT2 BIN 3X12 MFZN BK	2
70	7273400611	SCREW TAPPTITE	TT3 BIN 4X6 MFZN	4
80	7173300611	SCREW TAPPTITE	TT2 BIN 3X6 MFZN	1
90	7173301011	SCREW TAPPTITE	TT2 BIN 3X10 MFZN	2
34000	9CDM033300	COVER BACK AS	AMI-721R0F	1
10	9CD0409600	COVER TOP	MIPS(HI:75%,GP:25%)	1
20	9CD0409813	COVER BACK	MIPS. W/OPTICAL OUT	1
30	9CD9309300	LABEL SPEC	PE FILM	1
40	9CD0409900	COVER SIDE L	MIPS(HI:75%,GP:25%)	1
50	9CD0410000	COVER SIDE R	MIPS(HI:75%,GP:25%)	1
55	9CD4208100	CUSHION FOOT	URETHAN FOAM RUBBER	1
60	7173301012	SCREW TAPTITE	TT2 BIN 3X10 MFZN BK	2
70	7173301012	SCREW TAPTITE	TT2 BIN 3X10 MFZN BK	1
80	7173301012	SCREW TAPTITE	TT2 BIN 3X10 MFZN BK	1
90	7173301012	SCREW TAPTITE	TT2 BIN 3X10 MFZN BK	2

PARTS LIST

Location	Part Code	Part Name	Description	Q'ty
100	7173301212	SCREW TAPPTITE	TT2 BIN 3X12 MFZN BK	5
110	7173301012	SCREW TAPTITE	TT2 BIN 3X10 MFZN BK	6
115	7173301212	SCREW TAPPTITE	TT2 BIN 3X12 MFZN BK	2
120	47P1503600	CLAMP WIRE A	NYLON 66	1
130	9CD0410400	COVER ANT	ABS	1
150	9CD9310100	LABEL AC CAUTION	PAPER	1
170	9739304100	LABEL FUSE	ART PAPER	1
180	9CD9309500	LABEL DOLBY	PE FILM	1
35000	97C8512000	SPEAKER AS	SP-TA3,721L/720MD	1
36000	9CDM030800	REMOCON AS	ARM-2004(W/UBS,W/RDS+EON)	1
50000	9CDG011300	PACKING AS	AMI-721R0F	1
10	9734810700	POLY BAG(AC CORD)	PE 90X240XT0.05	1
20	9CD4801700	POLY BAG MANUAL	AMI-310	1
30	9CD4802000	POLY BAG(SET)	W750XD950 ACD-6000	1
40	9CD9523600	MANUAL INSTRUCTION	PAPER	1
50	9719300100	LABEL SERIAL NO	ACD-7502F	2
60	9CD49099L0	"PAD SNOW "L"	EX-PS	1
70	9CD49099R0	"PAD SNOW "R"	EX-PS	1
80	9CD5011200	BOX CARTON(SET)	DW-2	1
90	9CD9310000	LABEL EAN CODE	PAPER	1
100	9736806000	ANTENNA FM	2M ANT PIG TAIL	1
110	9CD6810200	ANT AM LOOP	LOOP-7	1
120	3108495140	BATTERY	1.5V-AAA TYPE	2