



for professional technicians

INTRODUCTION OF NEW ACCESS ARRANGEMENTS

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RTV servis HORVAT supplies service information documents, in PDF format, for a wide range of electronic equipment, both consumer and professional.

Existing customers will know that, previously, service documents had to be specifically requested by exchange of emails, to be subsequently downloaded from an address we would notify to you. This was a cumbersome procedure, and we have now introduced a new system to allow you to directly access our database, and to immediately download the documents you require. Individual documents may be selected for download as required, and we also offer CD image packs containing a selection of documents covering related or popular equipment models.

You may register for periods covering six months or one year, which will entitle you to download specific numbers of documents, as follows:

1. Membership 30 days, 10 documents maximum - 15 EURO
2. Membership 6 months, 600 documents maximum - 65 EURO
3. Membership 12 months, 1200 documents maximum - 125 EURO

Our new document access service is based on INTERBASE server software, which we provide for your use, and which must be downloaded and installed on your own system.

BUT – IF YOU ARE ALREADY AN INTERBASE USER, WITH AN EXISTING INTERBASE INSTALLATION, YOU SHOULD NOT ATTEMPT TO LOAD OUR SOFTWARE WITHOUT FIRST CONTACTING US FOR ADVICE.

You must also note that this first release of our new system must be installed on a machine with a direct connection to the internet for downloading. The new software will function over your local network, you have to install our remotebrowser.exe on your local machines. For this software, contact us.

For the installation:

1. You must download the two application programs you will need:

[Interbase Server.exe](#)

[rtvhdemosetup.exe](#)

2. First install Interbase, restart the computer, then install rtvhdemosetup.exe.
3. You will now have a working but unregistered version of our system and will be able to download and open the demo PDF documents which have permissions already embedded in the Demo software you have downloaded and installed, but no others. To see these demo documents:
 - 3.1 Launch (run) the RTV-HORVAT program.
 - 3.2 Click on the Search tab.
 - 3.3 Click in the box titled 'Show Documents With Permission Only'.
 - 3.4 Select a document by clicking on the adjacent '+' button, connect to the internet and then clicking the 'Download' button above the list.
 - 3.5 The document will be downloaded, and when received can be viewed via the 'View Document' button.
 - 3.6 Note that you can only view the downloaded RTV PDF files via the RTV software, using the Search and View procedure described above. If you attempt to open an RTV PDF file directly from the RTV download folder, then the Acrobat reader will open, but display of the file will be denied.
 - 3.7 For more detailed information about facilities and use of the RTV-HORVAT system, please consult the information available via the 'INFORMATION' tab in the program display.
4. Please download a few of the sample documents to which we have provided immediate access.
5. If everything works OK, and you wish to register for our service, then please follow the instructions in para 10 (Registration Process) given under the program 'INFORMATION' tab.

We do not think you will find any major problems with this software, and will be grateful for your forbearance for anything that does arise.

Regards

Marijan

[BACK](#)

S/N No. :

Service Manual

Mini Component System

Model: AMI-V225M
AMI-V325M



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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

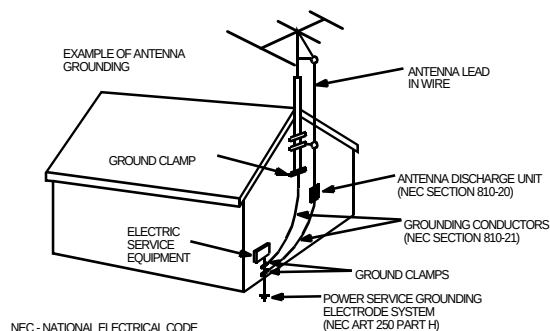


Figure 2

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 - If the appliance is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.
11. Cleaning - The appliance should be cleaned only as recommended by the manufacturer.
12. Power Lines - An outdoor antenna should be located away from power lines.

Safety Precautions

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



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

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

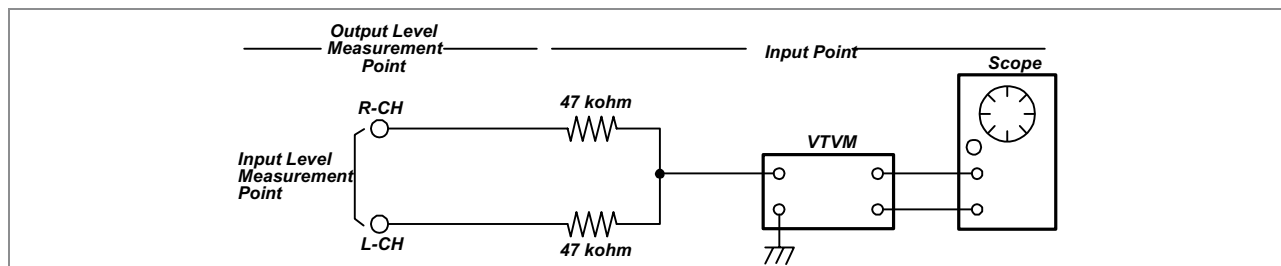
16. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:

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

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

Adjustments

TAPE SECTION



Test Tape be used

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

HEAD ADJUSTMENT (AZIMUTH)

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

RECORDING BIAS OSCILLATOR FREQUENCY ADJUSTMENT

- Connect the frequency counter to TP603, GND.
- Press the REC button.
- Adjust 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
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

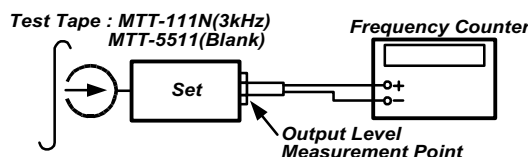


FIG. 1 : Tape Speed & Record Bias Oscillator Frequency Adjust Circuit

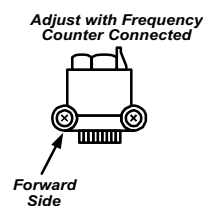


FIG. 2 : Tape Azimuth Adjust Location (Record/Playback Head)

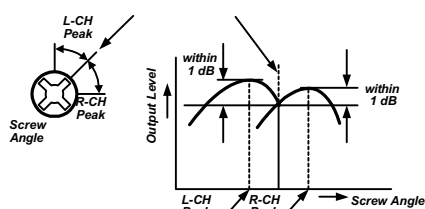


FIG. 3 : Tape Azimuth Adjust Head Screw & Waveform

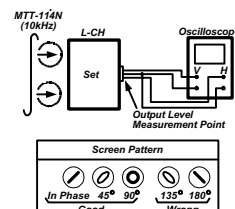
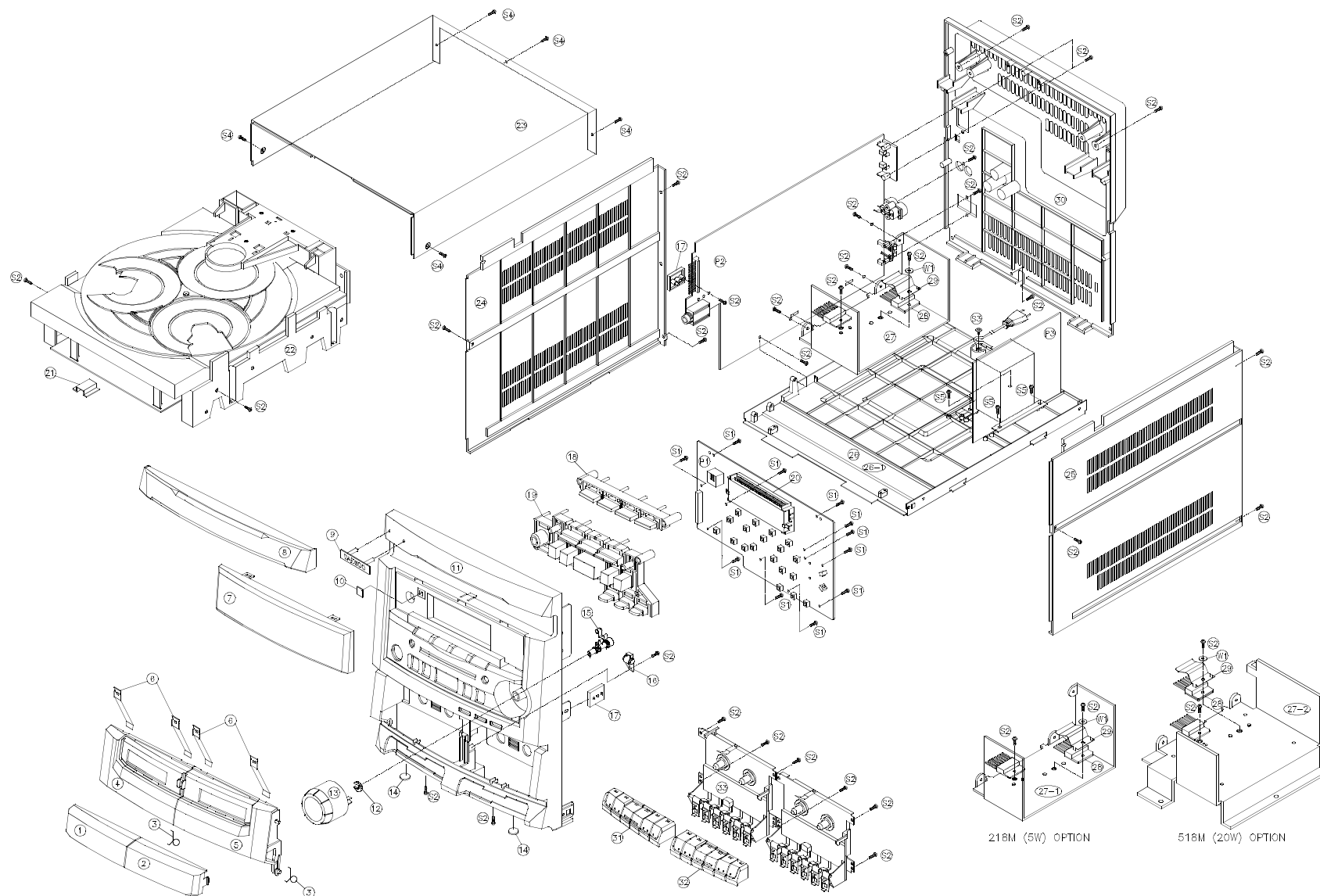


FIG. 4 : Tape Azimuth Adjust Circuit & Waveform

EXPLODED VIEW AND PARTS LIST

1. AMI-V225M/V325M

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EXPLODED VIEW AND PARTS LIST

No.	Parts Name	Parts Code	Description	Q'ty	Remarks
				218M	
1	WINDOW DOOR A	9CD16145A0	ACRYL	1	
2	WINDOW DOOR B	9CD16145B0	ACRYL	1	
3	SPRING DOOR EJECT	9CD3004500	PW-1	2	
4	DOOR CASS A	9CD18098A0	MIPS	1	
5	DOOR CASS B	9CD18098B0	MIPS	1	
6	SPRING C HOLDER	9713008900	STS (T=0.2)	4	
7	WINDOW FLT	9CD1614600	ACRYL	1	
8	DOOR CD	9CD1809900	MIPS	1	
9	BADGE DAEWOO	9CD1500900	ABS	1	
10	PLATE EON	9CD0910100	PV SHEET	1	
11	PANEL FRONT	9CD0306600	MIPS	1	
12	SHAFT WASHER	9CD3601600	ACETAL	1	
13	KNOB VOLUME	9CD1336300	ABS	1	
14	CUSHION FOOT	9CD4207700	URETHAN FOAM RUBBER	2	
15	SHAFT VR	9CD3601500	ACETAL	1	
16	DAMPER ASSY	9CD2602800		2	
17	BRKT SIDE	9CD2412900	ABS	1	
18	KNOB FUNCTION	9CD1336200	ACRYL	1	
19	KNOB CONTROL	9CD1336100	ABS	1	
20	GUIDE FLT	9CD2505600	ABS	1	
21	HEAT SINK	9CD4402800	BSP	1	
22	CD MECHANISM	9CD6006900		1	
23	COVER TOP	9CD0409600	MIPS	1	
24	COVER SIDE L	9CD0409900	MIPS	1	
25	COVER SIDE R	9CD0401000	MIPS	1	
26	CHASSIS BOTTOM	9CD0607500	MIPS	1	
26-1	CHASSIS BOTTOM	9CD0607100	SECC	---	
27	HEAT SINK1	9CD4404500	AL	---	
27-1	HEAT SINK05	9CD4405100	AL	1	
27-2	HEAT SINK2	9CD4405000	AL	---	
28	RUBBER SILICON	9CD4207900	RUBBER	1	
29	BRKT HEAT TR	9CD2413900	STS	1	
30	COVER BACK	9CD0409801	MIPS	1	
31	KNOB DECK A	9CD1332900	ABS	1	
32	KNOB DECK B	9CD1333000	ABS	1	
33	DECK MECHANISM	9CD6006200		1	
S1	SCREW		TT2 BIN 2.6X10	11	

No.	Parts Name	Parts Code	Description	Q'ty	Remarks
				218M	
S2	SCREW		TT2 BIN 3X10	32	
S3	WASHER SCREW			1	
S4	SCREW		TT2 BIN 3X12 BK	5	
S5	SCREW		TT2 BIN 4X6	-	
S5-1	SCREW		TT2 BIN 4X10	4	
W1	WASHER PLAIN			1	
P1	PCB FRONT			1	
P2	PCB MAIN			1	
P3	PCB POWER			1	

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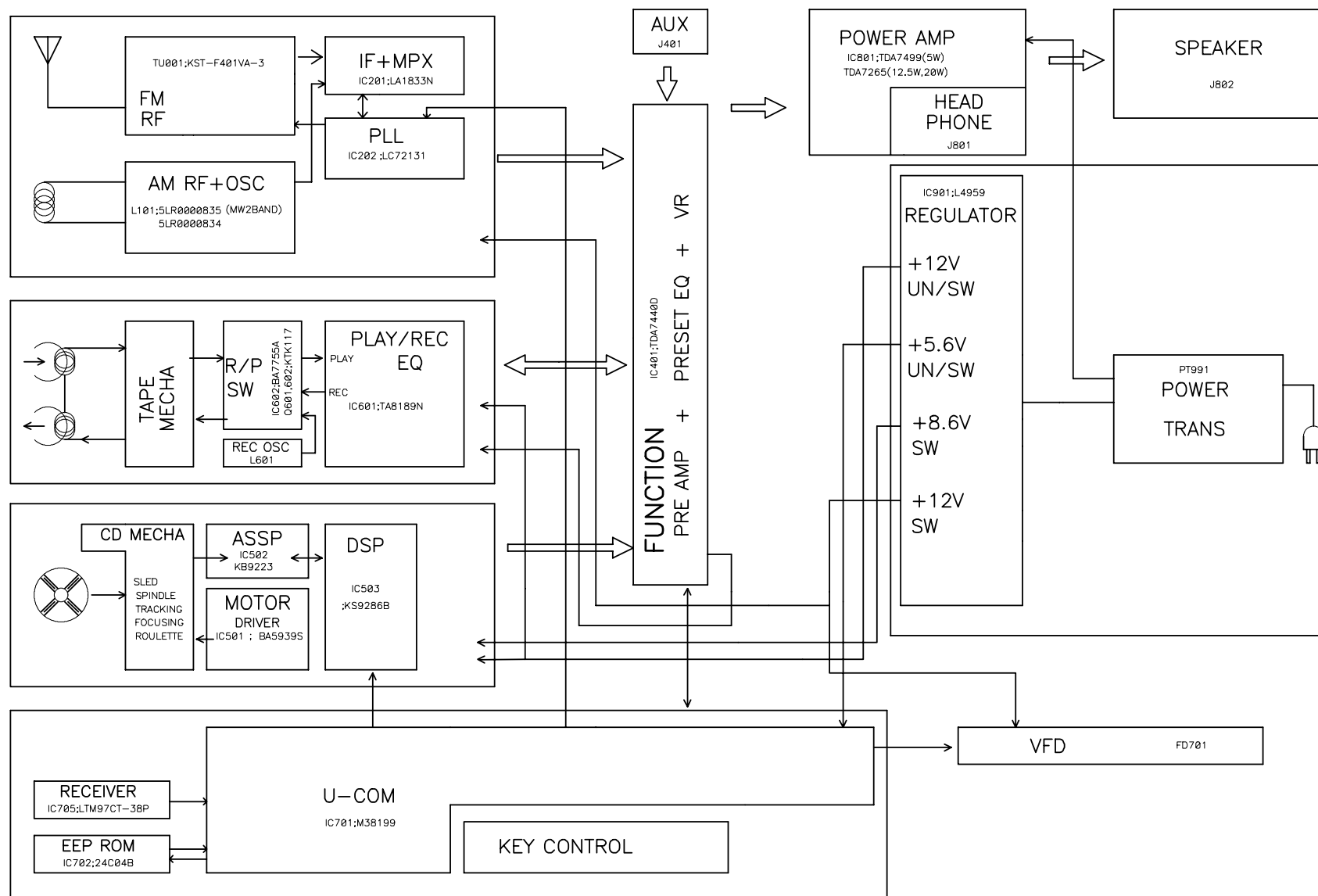
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BLOCK DIAGRAM

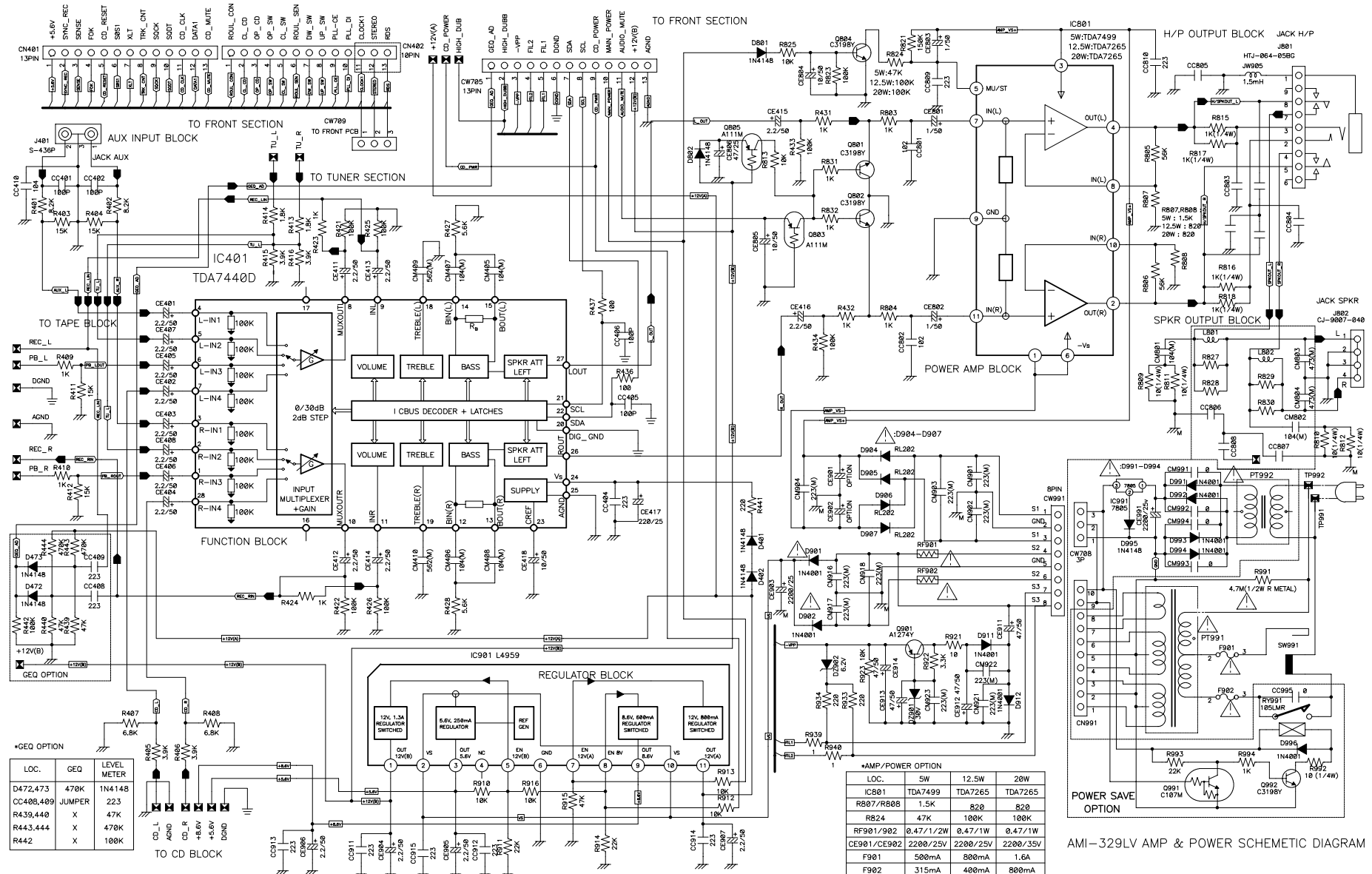
Model No:AMI-V225M/V325M

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Schematic Diagram

Model No:AMI-V225M/V325M
Ass'y Name: POWER/AMP



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 MANUFACTURE'S RECOMMENDED PARTS

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Schematic Diagram

Model No:AMI-V225M/325M
Ass'y Name: TUNER 2BAND FTZ

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Name	Pin No.	1	2	3	4	5	6	7	8	9	10	11	12
IC201	Vtg(V)	2.1	4.8	2.1	2.1	GND	#1	#2	2.9	4.8	#3	3.5	3.8
	Vtg(V)	1.8	1.8	2.1	2.1	2.1	#4	#5	2.1	2.1	4.8	3.5	

#1: SD ON(0V) #3: NORMAL(V<=0.5V) #4: FM(0V), AM(1.5V)
OTHERWISE(5V) MUTE(1.4V<V<=2.2V) #5: FM(0.2V), AM(0.9V)
#2: STEREO ON(0V) SEEK(V>=3.5V)
OTHERWISE(5V)

Name	Pin No.	1	2	3	4	5	6	7	8	9	10	11
IC202	Vtg(V)	2.5	N.C	0	0	0	VCC	#1	#2	#3	#4	0
	Vtg(V)	0	VCC	N.C	#5	#6	VCC	1	#7	GND	2.5	

#1: FM(3.7), AM(0) #2: ON TUNING OPERATION(VCC)
#3: FM(3.7), AM(0) #4: FM(0), AM(12)
#5: FM(0), AM(2.4) #6: FM(2.4), AM(0)
#7: VT

Name	Q001	Q003	Q104	IC205	REMARK
Vtg(V)	E(1)	0	12	0	12
	C(2)	0	12	0	GND
	B(3)	0	0	12	5

	CC214	CC215	JW204	JW205	L201	L202	R214	R215
FTZ	X	X	X	X	O	O	O	O
CE	O	O	O	O	X	X	X	X

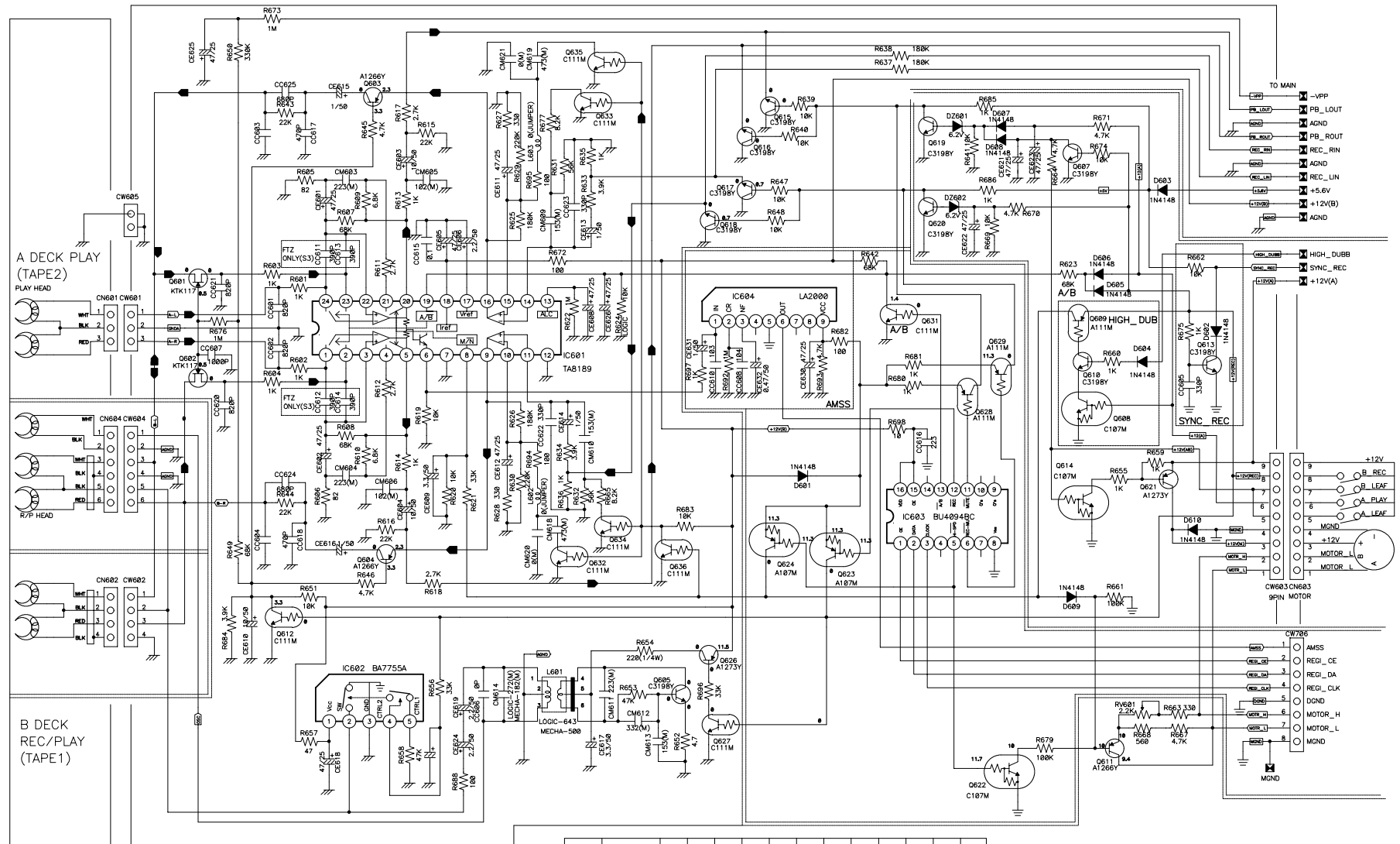
	R217	R218	R219	R220	JW213	CC203	R221	CF002
FTZ	JW	JW	X	X	O	560pF	56K	MJ-A
CE	O	O	O	O	X	820pF	56K	MS3-A

AMI-329L TUNER FTZ 2-BAND

Schematic Diagram

Model No:AMI-V225M/325M
Ass'y Name: TAPE

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Name	Pin No	1	2	3	4	5
IC602	Voltage(V)	11	0	GND	0	0

Name	Pin No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
IC603	Voltage(V)	0	12	0.4	NC	11.7	0	NC	GND	NC	NC	11.9	11.9	0	NC	11.9	11.9

Name	Pin No	1	2	3	4	5	6	7	8	9	10	11	12
IC601	Voltage(V)	0	0	1.2	1.3	1.3	1.2	GND	0	2.3	1.2	0	GND
	Pin No	13	14	15	16	17	18	19	20	21	22	23	24
IC604	Voltage(V)	0.9	0	1.2	2.3	1.4	10	1.4	1.3	1.3	1.2	0	0
	Voltage(V)	1.9	0	1.9	NC	GND	0	NC	NC	10.2			

Name	Pin No	1	2	3	4	5	6	7	8	9
IC604	Voltage(V)	1.9	0	1.9	NC	GND	0	NC	NC	10.2

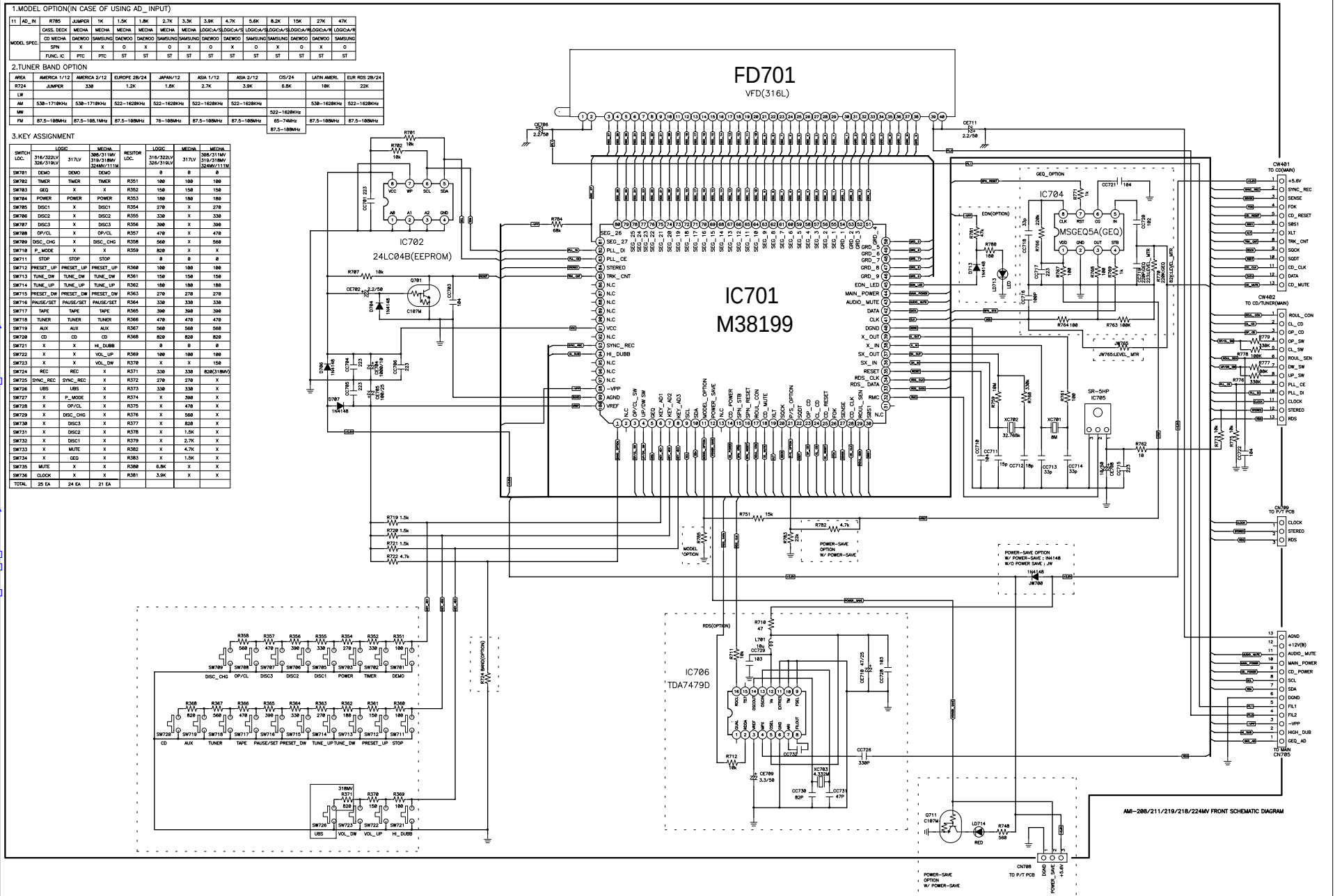
AMI-329L TAPE

Schematic Diagram

Model No : AMI-V225M/325M

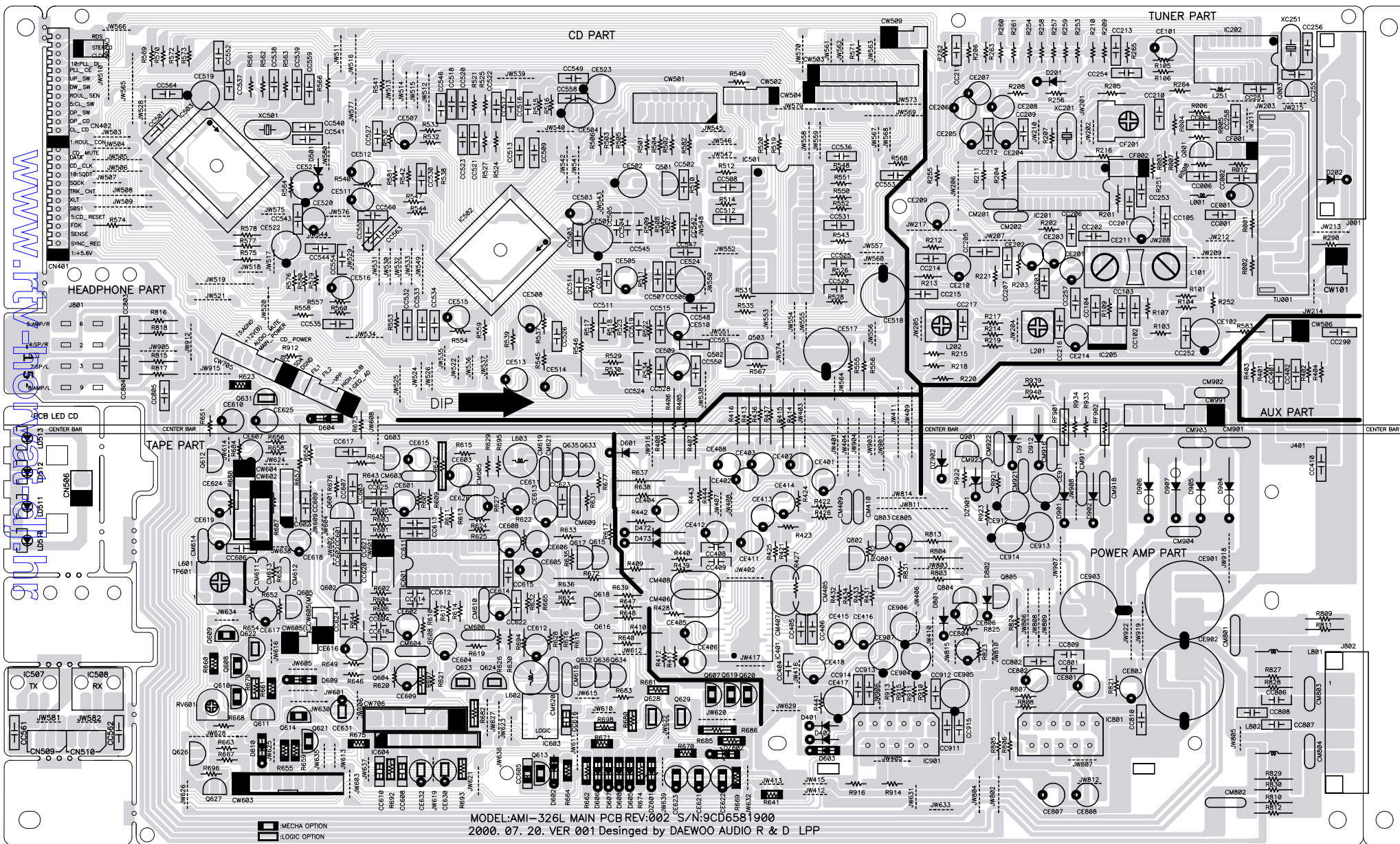
Ass'y Name: Control

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P.C.B. Pattern Layout

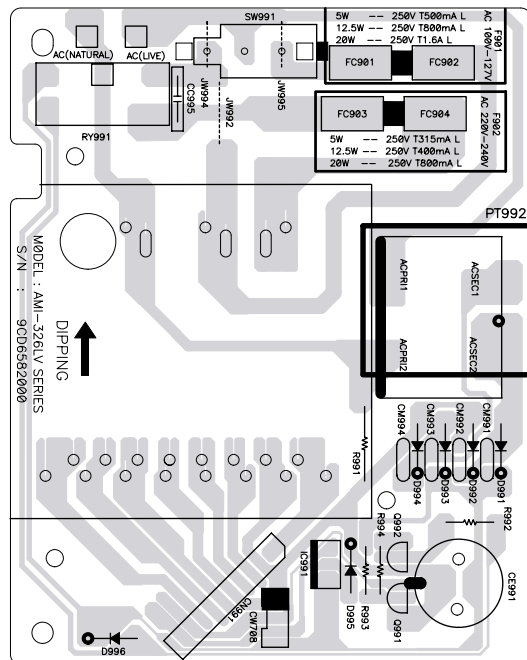
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Ass'y Name: MAIN PCB



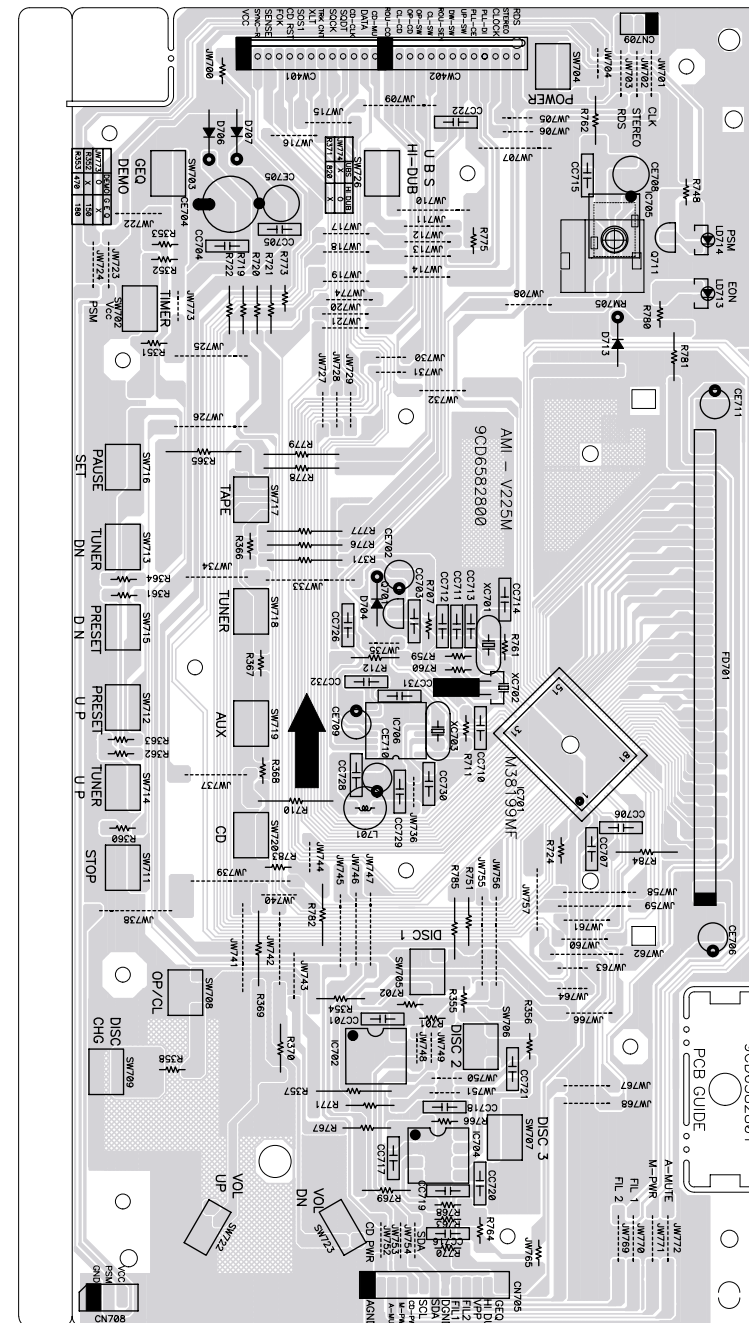
P.C.B Pattern Layout

Model No:AMI-V225M/325M
Ass'y Name: P/T P.C.B

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Model No:AMI-V225M/325M
Ass'y Name: Front P.C.B



Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS
1	PCB FRONT AS	11000	9CDC056138	AMI-218MV		59	WIRE JUMPER	JW706	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	
2	PCB FRONT	B001	9CD6581400	247X139X1.6T		60	WIRE JUMPER	JW707	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
3	C CERA	CC701	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		61	WIRE JUMPER	JW708	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
4	C CERA	CC703-706	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		62	WIRE JUMPER	JW709	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
5	C CERA	CC710	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		63	WIRE JUMPER	JW710	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
6	C CERA	CC711	CXCH1H150J	50V CH 15PF J (TAPPING)		64	WIRE JUMPER	JW711	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
7	C CERA	CC712	CXCH1H180J	50V CH 18PF J (TAPPING)		65	WIRE JUMPER	JW712	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
8	C CERA	CC713-714	CXCH1H330J	50V CH 33PF J (TAPPING)		66	WIRE JUMPER	JW713	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
9	C CERA	CC715	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		67	WIRE JUMPER	JW714-715	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
10	C CERA	CC719	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		68	WIRE JUMPER	JW716	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
11	C CERA	CC722	CCXF1H104Z	50V F 0.1MF Z		69	WIRE JUMPER	JW717-718	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
12	C CERA	CC726	CXCH1H331J	50V CH 330PF J (TAPPING)		70	WIRE JUMPER	JW719	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	
13	C CERA	CC728-729	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		71	WIRE JUMPER	JW720-721	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
14	C CERA	CC730	CXCH1H820J	50V CH 82PF J (TAPPING)		72	WIRE JUMPER	JW722	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
15	C CERA	CC731	CXCH1H470J	50V CH 47PF J (TAPPING)		73	WIRE JUMPER	JW723-727	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
16	C ELECTRO	CE702	CEXF1H229V	50V RSS 2.2MF (5X11) TP		74	WIRE JUMPER	JW728-729	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
17	C ELECTRO	CE704	CEXF1A102V	10V RSS 1000MF (10X16) TP		75	WIRE JUMPER	JW730-731	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
18	C ELECTRO	CE705	CEXF1E101V	25V RSS 100MF (6.3X11) TP		76	WIRE JUMPER	JW732-733	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
19	C ELECTRO	CE706	CEXF1H229V	50V RSS 2.2MF (5X11) TP		77	WIRE JUMPER	JW735	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
20	C ELECTRO	CE708	CEXF1H100V	50V RSS 10MF (5X11) TP		78	WIRE JUMPER	JW736-737	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
21	C ELECTRO	CE709	CEXF1H339V	50V RSS 3.3MF (5X11) TP		79	WIRE JUMPER	JW738	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
22	C ELECTRO	CE710	CEXF1E470V	25V RSS 47MF (5X11) TP		80	WIRE JUMPER	JW739-740	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
23	C ELECTRO	CE711	CEXF1H229V	50V RSS 2.2MF (5X11) TP		81	WIRE JUMPER	JW741-742	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
24	CONN AS	CN705	9728802700	#26 13P FLAT 220MM P=2.5		82	WIRE JUMPER	JW743	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
25	CONN AS	CN708	9728802800	#26 3P FLAT 360MM P=2.5		83	WIRE JUMPER	JW744-745	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
26	CONN AS	CN709	9728802900	#26 3P FLAT 100MM P=2.0		84	WIRE JUMPER	JW746	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	
27	CONN WAFER	CW401	9736407700	52084-1310 13P BOTTOM		85	WIRE JUMPER	JW747-749	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
28	CONN WAFER	CW402	9736407900	52084-1010 10P BOTTOM		86	WIRE JUMPER	JW750-751	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	
29	DIODE	D704	DZN4148---	1N4148 AUTO 52MM		87	WIRE JUMPER	JW752-754	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
30	DIODE	D706-707	DZN4148---	1N4148 AUTO 52MM		88	WIRE JUMPER	JW755-756	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
31	DIODE	D713	DZN4148---	1N4148 AUTO 52MM		89	WIRE JUMPER	JW757	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
32	VFD	FD701	DSVA09MM10	SVA09MM10		90	WIRE JUMPER	JW758	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
33	IC	IC701	138199316N	U-COM M38199-316N		91	WIRE JUMPER	JW759	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
34	IC	IC702	1M24C04---	M24C04-BN6		92	WIRE JUMPER	JW760	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
35	IC PRE AMP	IC705	1TM97CT38P	LTM97CT-38P		93	WIRE JUMPER	JW761-762	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
36	IC	IC706	1TDA7479D-	TDA7479D		94	WIRE JUMPER	JW763	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
37	WIRE JUMPER	JW301-304	W581GY1505	AWG22 1/0.65 GY 15 AUTO		95	WIRE JUMPER	JW764-765	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
38	WIRE JUMPER	JW305-306	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		96	WIRE JUMPER	JW766	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
39	WIRE JUMPER	JW307-308	W581GY1005	AWG22 1/0.65 SN 10 AUTO		97	WIRE JUMPER	JW767	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
40	WIRE JUMPER	JW309-310	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO		98	WIRE JUMPER	L701	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
41	WIRE JUMPER	JW311-313	W581GY6095	AWG22 1/0.65 SN 6 AUTO		99	LED	LD713-714	DLTL307EE-	LTL-307EE(RED)Pi5	
42	WIRE JUMPER	JW314-315	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		100	TR	Q701	TKRC107M--	KRC107-M TAPPING(KSR1006)	
43	WIRE JUMPER	JW316-322	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		101	TR	Q711	TKRC107M--	KRC107-M TAPPING(KSR1006)	
44	WIRE JUMPER	JW322	W581GY6095	AWG22 1/0.65 SN 6 AUTO		102	R CARBON FILM	R351	RD-AZ101J-	1/6 100 OHM J	
45	WIRE JUMPER	JW323-328	W581GY1005	AWG22 1/0.65 SN 10 AUTO		103	R CARBON FILM	R352	RD-AZ331J-	1/6 330 OHM J	
46	WIRE JUMPER	JW329	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO		104	R CARBON FILM	R354	RD-AZ271J-	1/6 270 OHM J	
47	WIRE JUMPER	JW330	W581GY1505	AWG22 1/0.65 GY 15 AUTO		105	R CARBON FILM	R355	RD-AZ331J-	1/6 330 OHM J	
48	WIRE JUMPER	JW331	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		106	R CARBON FILM	R356	RD-AZ391J-	1/6 390 OHM J	
49	WIRE JUMPER	JW333	W581GY6095	AWG22 1/0.65 SN 6 AUTO		107	R CARBON FILM	R357	RD-AZ471J-	1/6 470 OHM J	
50	WIRE JUMPER	JW334	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO		108	R CARBON FILM	R358	RD-AZ561J-	1/6 560 OHM J	
51	WIRE JUMPER	JW335	W581GY6095	AWG22 1/0.65 SN 6 AUTO		109	R CARBON FILM	R360	RD-AZ101J-	1/6 100 OHM J	
52	WIRE JUMPER	JW336	W581GY1505	AWG22 1/0.65 GY 15 AUTO		110	R CARBON FILM	R361	RD-AZ151J-	1/6 150 OHM J	
53	WIRE JUMPER	JW337	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		111	R CARBON FILM	R362	RD-AZ181J-	1/6 180 OHM J	
54	WIRE JUMPER	JW338-341	W581GY1505	AWG22 1/0.65 GY 15 AUTO		112	R CARBON FILM	R363	RD-AZ271J-	1/6 270 OHM J	
55	WIRE JUMPER	JW342	W581GY6095	AWG22 1/0.65 SN 6 AUTO		113	R CARBON FILM	R364	RD-AZ331J-	1/6 330 OHM J	
56	DIODE	JW700	DZN4148---	1N4148 AUTO 52MM		114	R CARBON FILM	R365	RD-AZ391J-	1/6 390 OHM J	
57	WIRE JUMPER	JW701-702	W581GY1005	AWG22 1/0.65 SN 10 AUTO		115	R CARBON FILM	R366	RD-AZ471J-	1/6 470 OHM J	
58	WIRE JUMPER	JW703-705	W581GY6095	AWG22 1/0.65 SN 6 AUTO		116	R CARBON FILM	R367	RD-AZ561J-	1/6 560 OHM J	

Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS
117	R CARBON FILM	R368	RD-AZ821J-	1/6 820 OHM J		27	C CERA	CC401-402	CXCH1H101J	50V CH 100PF J (TAPPING)	
118	R CARBON FILM	R369	RD-AZ101J-	1/6 100 OHM J		28	C CERA	CC404	CCXF1H223Z	50V F 0.022MF Z (TAPPING)	
119	R CARBON FILM	R370	RD-AZ151J-	1/6 150 OHM J		29	C CERA	CC405-406	CXCH1H101J	50V CH 100PF J (TAPPING)	
120	R CARBON FILM	R371	RD-AZ821J-	1/6 820 OHM J		30	C CERA	CC408-409	CCXF1H223Z	50V F 0.022MF Z (TAPPING)	
121	R CARBON FILM	R701-702	RD-AZ103J-	1/6 10K OHM J		31	C CERA	CC410	CCXF1H104Z	50V F 0.1MF Z	
122	R CARBON FILM	R707	RD-AZ103J-	1/6 10K OHM J		32	C CERA	CC501	CCXF1H223Z	50V F 0.022MF Z (TAPPING)	
123	R CARBON FILM	R710	RD-AZ470J-	1/6 47 OHM J		33	C CERA	CC502	CCXB1H102K	50V B 1000PF K (TAPPING)	
124	R CARBON FILM	R711-712	RD-AZ103J-	1/6 10K OHM J		34	C CERA	CC503	CCXF1H223Z	50V F 0.022MF Z (TAPPING)	
125	R CARBON FILM	R719-721	RD-AZ152J-	1/6 1.5K OHM J		35	C CERA	CC504	CCXB1H472K	50V B 4700PF K (TAPPING)	
126	R CARBON FILM	R722	RD-AZ472J-	1/6 4.7K OHM J		36	C CERA	CC505	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
127	R CARBON FILM	R724	RD-AZ223J-	1/6 22K OHM J		37	C CERA	CC506	CCXB1H152K	50V B 1500PF K (TAPPING)	
128	R CARBON FILM	R748	RD-AZ181J-	1/6 180 OHM J		38	C CERA	CC507	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
129	R CARBON FILM	R751	RD-AZ152J-	1/6 1.5K OHM J		39	C CERA	CC508-509	CCXF1H104Z	50V F 0.1MF Z	
130	R CARBON FILM	R759	RD-AZ106J-	1/6 10M OHM J		40	C CERA	CC510	CCXF1H333Z	50V F 0.033MF Z (TAPPING)	
131	R CARBON FILM	R760	RD-AZ334J-	1/6 330K OHM J		41	C CERA	CC511	CCXB1H151K	50V B 150PF K (TAPPING)	
132	R CARBON FILM	R761	RD-AZ101J-	1/6 100 OHM J		42	C CERA	CC512-513	CCXF1H104Z	50V F 0.1MF Z	
133	R CARBON FILM	R762	RD-AZ100J-	1/6 10 OHM J		43	C CERA	CC514	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
134	R CARBON FILM	R773	RD-AZ103J-	1/6 10K OHM J		44	C CERA	CC515	CCXB1H152K	50V B 1500PF K (TAPPING)	
135	R CARBON FILM	R775	RD-AZ103J-	1/6 10K OHM J		45	C CERA	CC516	CCXB1H222K	50V B 2200PF K (TAPPING)	
136	R CARBON FILM	R776	RD-AZ334J-	1/6 330K OHM J		46	C CERA	CC517	CCXF1H153Z	50V F 0.015MF Z	
137	R CARBON FILM	R777-778	RD-AZ104J-	1/6 100K OHM J		47	C CERA	CC518	CCXF1H104Z	50V F 0.1MF Z	
138	R CARBON FILM	R779	RD-AZ334J-	1/6 330K OHM J		48	C CERA	CC519	CCXB1H331K	50V B 330PF K (TAPPING)	
139	R CARBON FILM	R780	RD-AZ561J-	1/6 560 OHM J		49	C CERA	CC520	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
140	R CARBON FILM	R781	RD-AZ473J-	1/6 47K OHM J		50	C CERA	CC521-522	CCXB1H472K	50V B 4700PF K (TAPPING)	
141	R CARBON FILM	R782	RD-AZ472J-	1/6 4.7K OHM J		51	C CERA	CC523	CCXF1H333Z	50V F 0.033MF Z (TAPPING)	
142	R CARBON FILM	R783	RD-AZ223J-	1/6 22K OHM J		52	C CERA	CC524	CCXB1H331K	50V B 330PF K (TAPPING)	
143	R CARBON FILM	R784	RD-AZ683J-	1/6 68K OHM J		53	C CERA	CC525	CCXF1H104Z	50V F 0.1MF Z	
144	R CARBON FILM	R785	RD-AZ182J-	1/6 1.8K OHM J		54	C CERA	CC526	CCXB1H151K	50V B 150PF K (TAPPING)	
145	SW TACT	SW701-703	5S50101001	KPT-1105A 1C-1P		55	C CERA	CC527	CCXB1H391K	50V B 390PF K (TAPPING)	
146	SW TACT	SW705-709	5S50101001	KPT-1105A 1C-1P		56	C CERA	CC528	CCXB1H152K	50V B 1500PF K (TAPPING)	
147	SW TACT	SW711-722	5S50101001	KPT-1105A 1C-1P		57	C CERA	CC529	CCXF1H104Z	50V F 0.1MF Z	
148	SW TACT	SW726	5S50101001	KPT-1105A 1C-1P		58	C CERA	CC530	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
1	PCB MAIN AS	10000	9CDC054910	AMI-208MV		59	C CERA	CC531	CCXF1H223Z	50V F 0.022MF Z (TAPPING)	
2	PCB MAIN	B001	9CD6581900	330X197X1.6T		60	C CERA	CC532-533	CCXF1H104Z	50V F 0.1MF Z	
3	C CERA	CC001	CCZB1E102K	25V B 1000PF K (AXIAL)		61	C CERA	CC534	CCXF1H333Z	50V F 0.033MF Z (TAPPING)	
4	C CERA	CC002	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		62	C CERA	CC535	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
5	C CERA	CC004	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		63	C CERA	CC536	CCXF1H104Z	50V F 0.1MF Z	
6	C CERA	CC006	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		64	C CERA	CC538	CCXF1H473Z	50V F 0.047MF Z (TAPPING)	
7	C CERA	CC102	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		65	C CERA	CC539	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
8	C CERA	CC103	CCXF1H104Z	50V F 0.1MF Z		66	C CERA	CC540-541	CXCH1H330J	50V CH 33PF J (TAPPING)	
9	C CERA	CC104	CZCH1E120J	CH 25V 12PF J		67	C CERA	CC542	CXCH1H100D	50V CH 10PF D (TAPPING)	
10	C CERA	CC105	CZCH1E820J	CH 25V 82PF J AXL 52MM		68	C CERA	CC543	CCXF1H223Z	50V F 0.022MF Z (TAPPING)	
11	C CERA	CC201-202	CCXF1H473Z	50V F 0.047MF Z (TAPPING)		69	C CERA	CC544	CCXF1H104Z	50V F 0.1MF Z	
12	C CERA	CC203	CCZB1E561K	25V B 560PF K (AXIAL)		70	C CERA	CC545	CXCH1H309C	50V CH 3PF C	
13	C CERA	CC205	CCZB1E472K	25V B 4700PF K (AXIAL)		71	C CERA	CC547-549	CCXF1H223Z	50V F 0.022MF Z (TAPPING)	
14	C CERA	CC206	CCXF1H473Z	50V F 0.047MF Z (TAPPING)		72	C CERA	CC550-551	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
15	C CERA	CC207	CCXF1H104Z	50V F 0.1MF Z		73	C CERA	CC553	CCXF1H223Z	50V F 0.022MF Z (TAPPING)	
16	C CERA	CC209	CCXF1H473Z	50V F 0.047MF Z (TAPPING)		74	C CERA	CC554-555	CCXF1H104Z	50V F 0.1MF Z	
17	C CERA	CC210-213	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		75	C CERA	CC558-560	CCXF1H104Z	50V F 0.1MF Z	
18	C CERA	CC216-217	CCZB1E682K	25V B 6800PF K (AXIAL)		76	C CERA	CC601-602	CCXB1H821K	50V B 820PF K (TAPPING)	
19	C CERA	CC251	CCXF1H104Z	50V F 0.1MF Z		77	C CERA	CC605	CCXB1H331K	50V B 330PF K (TAPPING)	
20	C CERA	CC252	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		78	C CERA	CC607	CCXB1H102K	50V B 1000PF K (TAPPING)	
21	C CERA	CC253-254	CCZB1E102K	25V B 1000PF K (AXIAL)		79	C CERA	CC611-614	CCXB1H391K	50V B 390PF K (TAPPING)	
22	C CERA	CC255	CZCH1E360J	CH 25V 36PF J AXIAL 52MM		80	C CERA	CC615	CCXF1H104Z	50V F 0.1MF Z	
23	C CERA	CC256	CZCH1E330J	CH 25V 33PF J AXIAL 52MM		81	C CERA	CC617-618	CCXB1H471K	50V B 470PF K (TAPPING)	
24	C CERA	CC257	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		82	C CERA	CC620-621	CCXB1H821K	50V B 820PF K (TAPPING)	
25	C CERA	CC258	CCZB1E102K	25V B 1000PF K (AXIAL)		83	C MYLAR	CC622-623	CMXM1H122J	50V F 0.0012MF J	
26	C CERA	CC290	CCXF1H104Z	50V F 0.1MF Z		84	C CERA	CC624-625	CCXB1H681K	50V B 680PF K (TAPPING)	

Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS
85	C CERA	CC801-802	CCXB1H102K	50V B 1000PF K (TAPPING)		143	C ELECTRO	CE806	CEXF1E470V	25V RSS 47MF (5X11) TP	
86	C CERA	CC803-804	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		144	C ELECTRO	CE901-902	CEYF1E222V	25V RSS 2200MF (16X25)	
87	C CERA	CC806-808	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		145	C ELECTRO	CE903	CEXF1E222V	25V RSS 2200MF (16X25) TP	
88	C CERA	CC809-810	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		146	C ELECTRO	CE904-907	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
89	C CERA	CC911-915	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		147	C ELECTRO	CE911-914	CEXF1H470V	50V RSS 47MF (6.3X11) TP	
90	C ELECTRO	CE001	CEXF1E470V	25V RSS 47MF (5X11) TP		148	FILTER CERA	CF001	5PE107MS3A	SFE107MS3-A	
91	C ELECTRO	CE101	CEXF1H229V	50V RSS 2.2MF (5X11) TP		149	FILTER CERA	CF002	5PE107MJA-	SFE 10.7MHZ RED	
92	C ELECTRO	CE102	CEXF1E221V	25V RSS 220MF (8X11.5) TP		150	FILTER	CF201	5PPCAZ077	PCFAZ077	
93	C ELECTRO	CE201	CEXF1H220V	50V RSS 22MF (5X11) TP		151	C MYLAR	CM201-202	CMXM1H183J	50V 0.018MF J	
94	C ELECTRO	CE202	CEXF1H100V	50V RSS 10MF (5X11) TP		152	C MYLAR	CM405-408	CMXM1H104J	50V 0.1MF J	
95	C ELECTRO	CE203	CEXF1H479V	50V RSS 4.7MF (5X11) TP		153	C MYLAR	CM409-410	CMXM1H562J	50V 5600 PF J	
96	C ELECTRO	CE204	CEXF1E330V	25V RSS 33MF (5X11) TP		154	C MYLAR	CM603-604	CMXM1H223J	50V 0.022MF J	
97	C ELECTRO	CE206	CEXF1H109V	50V RSS 1MF (5X11) TP		155	C MYLAR	CM605-606	CMXM1H102J	50V 0.001MF J (TP)	
98	C ELECTRO	CE207	CEXF1H478V	50V RSS 0.47MF (5X11) TP		156	C MYLAR	CM609-610	CMXM1H153J	50V 0.015MF J (TP)	
99	C ELECTRO	CE208-210	CEXF1H109V	50V RSS 1MF (5X11) TP		157	C MYLAR	CM611	CMXM1H223J	50V 0.022MF J	
100	C ELECTRO	CE211	CEXF1H339V	50V RSS 3.3MF (5X11) TP		158	C MYLAR	CM612	CMXM1H332J	50V 3300 PF J	
101	C ELECTRO	CE214	CEXF1E470V	25V RSS 47MF (5X11) TP		159	C MYLAR	CM613	CMXM1H153J	50V 0.015MF J (TP)	
102	C ELECTRO	CE401-408	CEXF1H229V	50V RSS 2.2MF (5X11) TP		160	C MYLAR	CM614	CMXM1H182J	50V 1800PF J	
103	C ELECTRO	CE411-416	CEXF1H229V	50V RSS 2.2MF (5X11) TP		161	C MYLAR	CM618-619	CMXM1H683J	50V 0.068 MF J	
104	C ELECTRO	CE417	CEXF1E221V	25V RSS 220MF (8X11.5) TP		162	C MYLAR	CM801-802	CMXM1H104J	50V 0.1MF J	
105	C ELECTRO	CE418	CEXF1H100V	50V RSS 10MF (5X11) TP		163	C MYLAR	CM803-804	CMXM1H473J	50V 0.047MF J	
106	C ELECTRO	CE501	CEXF1C101V	16V RSS 100MF (6.3X11) TP		164	C MYLAR	CM901-904	CMXM1H223J	50V 0.022MF J	
107	C ELECTRO	CE502	CEXF1E330V	25V RSS 33MF (5X11) TP		165	C MYLAR	CM916-918	CMXM1H223J	50V 0.022MF J	
108	C ELECTRO	CE503	CEXF1H109V	50V RSS 1MF (5X11) TP		166	C MYLAR	CM921-923	CMXM1H223J	50V 0.022MF J	
109	C ELECTRO	CE504	CEXF1C101V	16V RSS 100MF (6.3X11) TP		167	CONN AS	CN401	9736407600	PIN BASE 53095-1310 13P	
110	C ELECTRO	CE505	CEXF1H479V	50V RSS 4.7MF (5X11) TP		168	CONN PIN	CN402	9736407800	53095-1010 10PIN ANGLE	
111	C ELECTRO	CE507	CEXF1H338V	50V RSS 0.33MF (5X11) TP		169	CONN AS	CN501	9738840800	FFC 16P P1.0X250MM R	
112	C ELECTRO	CE508	CEXF1E470V	25V RSS 47MF (5X11) TP		170	CONN AS	CN601	9738835000	UL 2851 #28X2C0 3P 260MM	
113	C ELECTRO	CE509-510	CEXF1H479V	50V RSS 4.7MF (5X11) TP		171	CONN AS	CN602	9728802100	UL2547 #28X3CO 4P	
114	C ELECTRO	CE511	CEXF1H229V	50V RSS 2.2MF (5X11) TP		172	CONN AS	CN603	9738834900	UL 2468 #26 4P+3P+2P 360	
115	C ELECTRO	CE512	CEXF1H100V	50V RSS 10MF (5X11) TP		173	CONN AS	CN605	9738834700	UL 1007 #26 1P 110MM	
116	C ELECTRO	CE513-514	CEXF1H479V	50V RSS 4.7MF (5X11) TP		174	CONN WAFER	CW101	9CD6258800	2P S2B-XH-A	
117	C ELECTRO	CE515-516	CEXF1H478V	50V RSS 0.47MF (5X11) TP		175	CONN WAFER	CW501	9738842900	16P FFC PIT1.0	
118	C ELECTRO	CE517	CEYF1C471V	16V RSS 470MF 10X12.5		176	CONN WAFER	CW502	9CD6259500	2001-WS-6P	
119	C ELECTRO	CE518	CEYF1C102V	16V RSS 1000MF (10X20)		177	CONN WAFER	CW503	9CD6259400	2001-WS-12P	
120	C ELECTRO	CE519	CEXF1C101V	16V RSS 100MF (6.3X11) TP		178	CONN AS	CW601	9738835000	UL 2851 #28X2C0 3P 260MM	
121	C ELECTRO	CE520	CEXF1H100V	50V RSS 10MF (5X11) TP		179	CONN AS	CW602	9728802100	UL2547 #28X3CO 4P	
122	C ELECTRO	CE521-522	CEXF1C101V	16V RSS 100MF (6.3X11) TP		180	CONN AS	CW603	9738834900	UL 2468 #26 4P+3P+2P 360	
123	C ELECTRO	CE523	CEXF1C221V	16V RSS 220MF (8X11.5) TP		181	CONN AS	CW605	9738834700	UL 1007 #26 1P 110MM	
124	C ELECTRO	CE524	CEXF1C101V	16V RSS 100MF (6.3X11) TP		182	CONN AS	CW705	9728802700	#26 13P FLAT 220MM P=2.5	
125	C ELECTRO	CE601-602	CEXF1E470V	25V RSS 47MF (5X11) TP		183	CONN AS	CW709	9728802900	#26 3P FLAT 100MM P=2.0	
126	C ELECTRO	CE603-604	CEXF1H100V	50V RSS 10MF (5X11) TP		184	CONN AS	CW991	9738833900	#22 8P BOARD-IN 350MM	
127	C ELECTRO	CE605	CEXF1E470V	25V RSS 47MF (5X11) TP		185	DIODE	D201	DZN4148---	1N4148 AUTO 52MM	
128	C ELECTRO	CE606	CEXF1H229V	50V RSS 2.2MF (5X11) TP		186	DIODE	D401-402	DZN4148---	1N4148 AUTO 52MM	
129	C ELECTRO	CE608	CEXF1E470V	25V RSS 47MF (5X11) TP		187	DIODE	D472-473	DZN4148---	1N4148 AUTO 52MM	
130	C ELECTRO	CE609	CEXF1H339V	50V RSS 3.3MF (5X11) TP		188	DIODE	D501	DZN4148---	1N4148 AUTO 52MM	
131	C ELECTRO	CE610	CEXF1H100V	50V RSS 10MF (5X11) TP		189	DIODE	D602-610	DZN4148---	1N4148 AUTO 52MM	
132	C ELECTRO	CE611-612	CEXF1E470V	25V RSS 47MF (5X11) TP		190	DIODE	D801-802	DZN4148---	1N4148 AUTO 52MM	
133	C ELECTRO	CE613-614	CEXF1H100V	50V RSS 10MF (5X11) TP		191	DIODE	D901-902	D1N4001---	1N4001	
134	C ELECTRO	CE615-616	CEXF1H109V	50V RSS 1MF (5X11) TP		192	DIODE	D904-907	DRL202---	RL202	
135	C ELECTRO	CE617	CEXF1H339V	50V RSS 3.3MF (5X11) TP		193	DIODE	D911-912	D1N4001---	1N4001	
136	C ELECTRO	CE618	CEXF1E470V	25V RSS 47MF (5X11) TP		194	DIODE ZENER	DZ601-602	DZTZ6R2B--	MTZ6.2B	
137	C ELECTRO	CE619-620	CEXF1H229V	50V RSS 2.2MF (5X11) TP		195	DIODE ZENER	DZ901	DZTZ30B---	MTZ30B	
138	C ELECTRO	CE621-623	CEXF1E470V	25V RSS 47MF (5X11) TP		196	DIODE ZENER	DZ902	DZTZ6R2B--	MTZ6.2B	
139	C ELECTRO	CE624	CEXF1H229V	50V RSS 2.2MF (5X11) TP		197	IC	IC201	1LA1833N--	LA1833N	
140	C ELECTRO	CE625-626	CEXF1E470V	25V RSS 47MF (5X11) TP		198	IC	IC202	1LC72131D-	LC72131D	
141	C ELECTRO	CE801-803	CEXF1H109V	50V RSS 1MF (5X11) TP		199	IC REGULATOR	IC205	1KA78L05AZ	KA78L05AZ	
142	C ELECTRO	CE804-805	CEXF1H100V	50V RSS 10MF (5X11) TP		200	IC	IC401	1TDA7440D-	TDA7440D	

Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS
201	IC MOTOR DRIVE	IC501	1BA5939S--	BA5939S		259	WIRE JUMPER	JW546-547	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
202	IC CHIP RF	IC502	1KB9223---	KB9223 RF+SSP+AF		260	WIRE JUMPER	JW548	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
203	IC CHIP DSP	IC503	1KS9286B--	KS9286B DSP+DAC		261	WIRE JUMPER	JW549	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
204	IC	IC601	1TA8189N--	TA8189N		262	WIRE JUMPER	JW550	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
205	IC SWITCHING	IC602	1BA7755A--	BA7755A (HEAD SW)		263	COIL BEAD	JW551	5LX159P829	1.5UH MIN	
206	IC	IC801	1TDA7499--	TDA7499		264	WIRE JUMPER	JW553-555	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
207	IC	IC901	1L4959---	L4959		265	WIRE JUMPER	JW556-557	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
208	JACK ANT	J001	9736321900	PAT645		266	WIRE JUMPER	JW558-559	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
209	JACK RCA	J401	9CD6313700	S-436P		267	WIRE JUMPER	JW560-564	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
210	JACK HEADPHONE	J801	9766319501	HTJ-064-05B GOLD		268	WIRE JUMPER	JW565	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	
211	JACK SPEAKER	J802	9736320500	CJ-9007-040		269	WIRE JUMPER	JW566	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
212	WIRE JUMPER	JW201-202	W581GY6095	AWG22 1/0.65 SN 6 AUTO		270	WIRE JUMPER	JW567-568	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
213	WIRE JUMPER	JW203	W581GY1005	AWG22 1/0.65 SN 10 AUTO		271	WIRE JUMPER	JW569	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
214	WIRE JUMPER	JW206	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		272	WIRE JUMPER	JW570	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
215	WIRE JUMPER	JW207	W581GY1005	AWG22 1/0.65 SN 10 AUTO		273	WIRE JUMPER	JW573	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	
216	WIRE JUMPER	JW208	W581GY6095	AWG22 1/0.65 SN 6 AUTO		274	WIRE JUMPER	JW574-576	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
217	WIRE JUMPER	JW209	W581GY1005	AWG22 1/0.65 SN 10 AUTO		275	WIRE JUMPER	JW578	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
218	WIRE JUMPER	JW210-211	W581GY6095	AWG22 1/0.65 SN 6 AUTO		276	WIRE JUMPER	JW579	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
219	WIRE JUMPER	JW212	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		277	WIRE JUMPER	JW580	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
220	WIRE JUMPER	JW213	W581GY1005	AWG22 1/0.65 SN 10 AUTO		278	WIRE JUMPER	JW601	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
221	WIRE JUMPER	JW214-215	W581GY6095	AWG22 1/0.65 SN 6 AUTO		279	WIRE JUMPER	JW602	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
222	WIRE JUMPER	JW217	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		280	WIRE JUMPER	JW603	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
223	WIRE JUMPER	JW401	W581GY1505	AWG22 1/0.65 GY 15 AUTO		281	WIRE JUMPER	JW604	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
224	WIRE JUMPER	JW402	W581GY1005	AWG22 1/0.65 SN 10 AUTO		282	WIRE JUMPER	JW605-606	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
225	WIRE JUMPER	JW403	W581GY1505	AWG22 1/0.65 GY 15 AUTO		283	WIRE JUMPER	JW608	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
226	COIL BEAD	JW404	5LX159P829	1.5UH MIN		284	WIRE JUMPER	JW609	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
227	WIRE JUMPER	JW405	W581GY1005	AWG22 1/0.65 SN 10 AUTO		285	WIRE JUMPER	JW610	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
228	WIRE JUMPER	JW406-408	W581GY6095	AWG22 1/0.65 SN 6 AUTO		286	WIRE JUMPER	JW611	W581GY15J5	AWG22 1/0.65 SN 15.5 AUTO	
229	WIRE JUMPER	JW409	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO		287	WIRE JUMPER	JW612	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
230	WIRE JUMPER	JW410	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		288	WIRE JUMPER	JW613-617	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
231	DIODE	JW411	DZN4148---	1N4148 AUTO 52MM		289	WIRE JUMPER	JW619	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
232	WIRE JUMPER	JW412-413	W581GY6095	AWG22 1/0.65 SN 6 AUTO		290	WIRE JUMPER	JW620	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
233	WIRE JUMPER	JW415	W581GY6095	AWG22 1/0.65 SN 6 AUTO		291	WIRE JUMPER	JW621	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
234	WIRE JUMPER	JW416-417	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		292	WIRE JUMPER	JW622-625	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
235	WIRE JUMPER	JW503-504	W581GY1005	AWG22 1/0.65 SN 10 AUTO		293	WIRE JUMPER	JW626	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
236	WIRE JUMPER	JW505-506	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		294	WIRE JUMPER	JW627	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
237	R CARBON FILM	JW507	RD-AZ103J-	1/6 10K OHM J		295	WIRE JUMPER	JW628-630	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
238	WIRE JUMPER	JW508-509	W581GY1505	AWG22 1/0.65 GY 15 AUTO		296	WIRE JUMPER	JW632	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
239	WIRE JUMPER	JW510	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		297	WIRE JUMPER	JW634-635	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
240	WIRE JUMPER	JW511-512	W581GY1005	AWG22 1/0.65 SN 10 AUTO		298	WIRE JUMPER	JW636	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
241	WIRE JUMPER	JW513	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		299	WIRE JUMPER	JW637-638	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
242	WIRE JUMPER	JW514-515	W581GY1005	AWG22 1/0.65 SN 10 AUTO		300	WIRE JUMPER	JW639-640	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
243	WIRE JUMPER	JW516	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		301	WIRE JUMPER	JW802	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
244	WIRE JUMPER	JW517-518	W581GY6095	AWG22 1/0.65 SN 6 AUTO		302	WIRE JUMPER	JW803	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
245	WIRE JUMPER	JW519-520	W581GY1505	AWG22 1/0.65 GY 15 AUTO		303	WIRE JUMPER	JW804	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
246	WIRE JUMPER	JW521	W581GY1005	AWG22 1/0.65 SN 10 AUTO		304	WIRE JUMPER	JW805	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
247	WIRE JUMPER	JW522	W581GY6095	AWG22 1/0.65 SN 6 AUTO		305	WIRE JUMPER	JW806	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
248	WIRE JUMPER	JW524	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		306	WIRE JUMPER	JW807	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
249	WIRE JUMPER	JW525	W581GY1005	AWG22 1/0.65 SN 10 AUTO		307	WIRE JUMPER	JW808-809	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
250	WIRE JUMPER	JW526	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		308	WIRE JUMPER	JW810	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
251	WIRE JUMPER	JW528	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		309	WIRE JUMPER	JW811	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	
252	WIRE JUMPER	JW529	W581GY6095	AWG22 1/0.65 SN 6 AUTO		310	WIRE JUMPER	JW812	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
253	WIRE JUMPER	JW530-534	W581GY1005	AWG22 1/0.65 SN 10 AUTO		311	WIRE JUMPER	JW814	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
254	WIRE JUMPER	JW535-537	W581GY6095	AWG22 1/0.65 SN 6 AUTO		312	WIRE JUMPER	JW815	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
255	WIRE JUMPER	JW538	W581GY1005	AWG22 1/0.65 SN 10 AUTO		313	WIRE JUMPER	JW901	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
256	COIL BEAD	JW539	5LX159P829	1.5UH MIN		314	WIRE JUMPER	JW903-904	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
257	WIRE JUMPER	JW540-542	W581GY1005	AWG22 1/0.65 SN 10 AUTO		315	WIRE JUMPER	JW905	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
258	WIRE JUMPER	JW543-545	W581GY6095	AWG22 1/0.65 SN 6 AUTO		316	WIRE JUMPER	JW906	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	

Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS
317	WIRE JUMPER	JW907-908	W581GY1505	AWG22 1/0.65 GY 15 AUTO		375	R CARBON FILM	R210	RD-AZ682J-	1/6 6.8K OHM J	
318	WIRE JUMPER	JW912	W581GY1005	AWG22 1/0.65 SN 10 AUTO		376	R CARBON FILM	R211	RD-AZ100J-	1/6 10 OHM J	
319	WIRE JUMPER	JW915	W581GY1005	AWG22 1/0.65 SN 10 AUTO		377	R CARBON FILM	R212-213	RD-AZ182J-	1/6 1.8K OHM J	
320	WIRE JUMPER	JW918	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		378	R CARBON FILM	R214-215	RD-AZ332J-	1/6 3.3K OHM J	
321	WIRE JUMPER	JW919	W581GY1505	AWG22 1/0.65 GY 15 AUTO		379	R CARBON FILM	R216	RD-AZ473J-	1/6 47K OHM J	
322	WIRE JUMPER	JW922	W581GY1505	AWG22 1/0.65 GY 15 AUTO		380	WIRE JUMPER	R217-218	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
323	COIL PEAKING	L001	5CPZ100K02	10UH K (AXIAL 3.5MM)		381	R CARBON FILM	R221	RD-AZ563J-	1/6 56K OHM J	
324	AM RF UNIT	L101	5LR0000834	RBW07VB-K5024		382	R CARBON FILM	R251	RD-AZ102J-	1/6 1K OHM J	
325	COIL	L201-202	5P076068-	6068MPX		383	R CARBON FILM	R252	RD-AZ470J-	1/6 47 OHM J	
326	COIL PEAKING	L251	5CPZ100K02	10UH K (AXIAL 3.5MM)		384	R CARBON FILM	R253	RD-AZ222J-	1/6 2.2K OHM J	
327	COIL OSC	L601	5L00000500	0500 10X10 BK		385	R CARBON FILM	R254	RD-AZ103J-	1/6 10K OHM J	
328	WIRE JUMPER	L602-603	W581GY5095	AWG22 1/0.65 SN 5 AUTO		386	R CARBON FILM	R255	RD-AZ100J-	1/6 10 OHM J	
329	TR	Q001	TZTC3194Y-	KTC3194Y		387	R CARBON FILM	R256	RD-AZ102J-	1/6 1K OHM J	
330	TR	Q003	TZRA107M-	KRA107M (KSR2006)		388	R CARBON FILM	R257-258	RD-AZ103J-	1/6 10K OHM J	
331	TR	Q501	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)		389	R CARBON FILM	R259	RD-AZ123J-	1/6 12K OHM J	
332	TR	Q502	TZTA1273Y-	KTA1273Y(966Y)		390	R CARBON FILM	R260-263	RD-AZ102J-	1/6 1K OHM J	
333	TR	Q503	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		391	R CARBON FILM	R264-265	RD-AZ222J-	1/6 2.2K OHM J	
334	FET	Q601-602	TKTK117Y-	KTK117(Y)		392	R CARBON FILM	R290	RD-AZ105J-	1/6 1M OHM J	
335	TR	Q603-604	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)		393	R CARBON FILM	R401-402	RD-AZ822J-	1/6 8.2K OHM J	
336	TR	Q605	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		394	R CARBON FILM	R403-404	RD-AZ153J-	1/6 15K OHM J	
337	TR	Q607	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		395	R CARBON FILM	R405-406	RD-AZ392J-	1/6 3.9K OHM J	
338	TR	Q608	TKRC107M-	KRC107-M TAPPING(KSR1006)		396	R CARBON FILM	R407-408	RD-AZ682J-	1/6 6.8K OHM J	
339	TR	Q609	TKRA111M-	KRA111-M TAPPING(KSR2010)		397	R CARBON FILM	R409-410	RD-AZ102J-	1/6 1K OHM J	
340	TR	Q610	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		398	R CARBON FILM	R411-412	RD-AZ153J-	1/6 15K OHM J	
341	TR	Q611	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)		399	R CARBON FILM	R413-414	RD-AZ182J-	1/6 1.8K OHM J	
342	TR	Q612	TZRC111M-	KRC111M		400	R CARBON FILM	R415-416	RD-AZ392J-	1/6 3.9K OHM J	
343	TR	Q613	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		401	R CARBON FILM	R421-422	RD-AZ104J-	1/6 100K OHM J	
344	TR	Q614	TKRC107M-	KRC107-M TAPPING(KSR1006)		402	R CARBON FILM	R423-424	RD-AZ102J-	1/6 1K OHM J	
345	TR	Q615-620	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		403	R CARBON FILM	R425-426	RD-AZ104J-	1/6 100K OHM J	
346	TR	Q621	TZTA1273Y-	KTA1273Y(966Y)		404	R CARBON FILM	R427-428	RD-AZ562J-	1/6 5.6K OHM J	
347	TR	Q626	TZTA1273Y-	KTA1273Y(966Y)		405	R CARBON FILM	R431-432	RD-AZ102J-	1/6 1K OHM J	
348	TR	Q627	TZRC111M-	KRC111M		406	R CARBON FILM	R433-434	RD-AZ104J-	1/6 100K OHM J	
349	TR	Q632-636	TZRC111M-	KRC111M		407	R CARBON FILM	R436-437	RD-AZ101J-	1/6 100 OHM J	
350	TR	Q801-802	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		408	R CARBON FILM	R439-440	RD-AZ473J-	1/6 47K OHM J	
351	TR	Q803	TZRA111M-	KRA111M		409	R CARBON FILM	R441	RD-AZ221J-	1/6 220 OHM J	
352	TR	Q804	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		410	R CARBON FILM	R442	RD-AZ104J-	1/6 100K OHM J	
353	TR	Q805	TZRA111M-	KRA111M		411	R CARBON FILM	R443-444	RD-AZ474J-	1/6 470K OHM J	
354	TR	Q901	TZTA1274Y-	KTA1274Y-		412	R CARBON FILM	R501	RD-AZ124J-	1/6 120K OHM J	
355	WIRE JUMPER	R002	W581GY6095	AWG22 1/0.65 SN 6 AUTO		413	R CARBON FILM	R502-505	RD-AZ393J-	1/6 39K OHM J	
356	R CARBON FILM	R003	RD-AZ151J-	1/6 150 OHM J		414	R CARBON FILM	R506	RD-AZ124J-	1/6 120K OHM J	
357	R CARBON FILM	R004	RD-AZ100J-	1/6 10 OHM J		415	R CARBON FILM	R507	RD-AZ101J-	1/6 100 OHM J	
358	R CARBON FILM	R005	RD-AZ332J-	1/6 3.3K OHM J		416	R CARBON FILM	R508-509	RD-AZ103J-	1/6 10K OHM J	
359	R CARBON FILM	R006	RD-AZ681J-	1/6 680 OHM J		417	R CARBON FILM	R510	RD-AZ220J-	1/6 22 OHM J	
360	R CARBON FILM	R007	RD-AZ331J-	1/6 330 OHM J		418	R CARBON FILM	R511	RD-AZ824J-	1/6 820K OHM J	
361	R CARBON FILM	R008	RD-AZ101J-	1/6 100 OHM J		419	R CARBON FILM	R512	RD-AZ100J-	1/6 10 OHM J	
362	R CARBON FILM	R101	RD-AZ472J-	1/6 4.7K OHM J		420	R CARBON FILM	R513	RD-AZ474J-	1/6 470K OHM J	
363	R CARBON FILM	R103-105	RD-AZ472J-	1/6 4.7K OHM J		421	R CARBON FILM	R514	RD-AZ100J-	1/6 10 OHM J	
364	R CARBON FILM	R106	RD-AZ332J-	1/6 3.3K OHM J		422	R CARBON FILM	R515	RD-AZ682J-	1/6 6.8K OHM J	
365	R CARBON FILM	R107	RD-AZ223J-	1/6 22K OHM J		423	R CARBON FILM	R516	RD-AZ153J-	1/6 15K OHM J	
366	R CARBON FILM	R109	RD-AZ104J-	1/6 100K OHM J		424	R CARBON FILM	R517	RD-AZ273J-	1/6 27K OHM J	
367	R CARBON FILM	R201	RD-AZ682J-	1/6 6.8K OHM J		425	R CARBON FILM	R518	RD-AZ562J-	1/6 5.6K OHM J	
368	R CARBON FILM	R202	RD-AZ473J-	1/6 47K OHM J		426	R CARBON FILM	R519-520	RD-AZ103J-	1/6 10K OHM J	
369	R CARBON FILM	R203	RD-AZ822J-	1/6 8.2K OHM J		427	R CARBON FILM	R521	RD-AZ154J-	1/6 150K OHM J	
370	R CARBON FILM	R204	RD-AZ562J-	1/6 5.6K OHM J		428	R CARBON FILM	R522-523	RD-AZ562J-	1/6 5.6K OHM J	
371	R CARBON FILM	R205-206	RD-AZ102J-	1/6 1K OHM J		429	R CARBON FILM	R524	RD-AZ102J-	1/6 1K OHM J	
372	R CARBON FILM	R207	RD-AZ121J-	1/6 120 OHM J		430	R CARBON FILM	R525	RD-AZ104J-	1/6 100K OHM J	
373	R CARBON FILM	R208	RD-AZ332J-	1/6 3.3K OHM J		431	R CARBON FILM	R526	RD-AZ100J-	1/6 10 OHM J	
374	R CARBON FILM	R209	RD-AZ472J-	1/6 4.7K OHM J		432	R CARBON FILM	R527	RD-AZ474J-	1/6 470K OHM J	

Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS
433	R CARBON FILM	R528	RD-AZ100J-	1/6 10 OHM J		491	R CARBON FILM	R635-636	RD-AZ561J-	1/6 560 OHM J	
434	R CARBON FILM	R529-530	RD-AZ562J-	1/6 5.6K OHM J		492	R CARBON FILM	R637-638	RD-AZ184J-	1/6 180K OHM J	
435	R CARBON FILM	R531	RD-AZ103J-	1/6 10K OHM J		493	R CARBON FILM	R639-640	RD-AZ472J-	1/6 4.7K OHM J	
436	R CARBON FILM	R532	RD-AZ683J-	1/6 68K OHM J		494	R CARBON FILM	R641	RD-AZ103J-	1/6 10K OHM J	
437	R CARBON FILM	R533	RD-AZ823J-	1/6 82K OHM J		495	R CARBON FILM	R643-644	RD-AZ223J-	1/6 22K OHM J	
438	R CARBON FILM	R534	RD-AZ562J-	1/6 5.6K OHM J		496	R CARBON FILM	R645-648	RD-AZ472J-	1/6 4.7K OHM J	
439	R CARBON FILM	R535	RD-AZ183J-	1/6 18K OHM J		497	R CARBON FILM	R649	RD-AZ224J-	1/6 220K OHM J	
440	R CARBON FILM	R536	RD-AZ563J-	1/6 56K OHM J		498	R CARBON FILM	R650	RD-AZ334J-	1/6 330K OHM J	
441	R CARBON FILM	R537	RD-AZ273J-	1/6 27K OHM J		499	R CARBON FILM	R651	RD-AZ103J-	1/6 10K OHM J	
442	R CARBON FILM	R538	RD-AZ683J-	1/6 68K OHM J		500	R CARBON FILM	R652	RD-AZ479J-	1/6 4.7 OHM J	
443	R CARBON FILM	R539	RD-AZ184J-	1/6 180K OHM J		501	R CARBON FILM	R653	RD-AZ473J-	1/6 47K OHM J	
444	R CARBON FILM	R540	RD-AZ153J-	1/6 15K OHM J		502	R CARBON FILM	R654	RD-AZ221J-	1/4 220 OHM J	
445	R CARBON FILM	R541	RD-AZ103J-	1/6 10K OHM J		503	R CARBON FILM	R655	RD-AZ102J-	1/6 1K OHM J	
446	R CARBON FILM	R542	RD-AZ683J-	1/6 68K OHM J		504	R CARBON FILM	R656	RD-AZ333J-	1/6 33K OHM J	
447	R CARBON FILM	R543	RD-AZ103J-	1/6 10K OHM J		505	R CARBON FILM	R657	RD-AZ470J-	1/6 47 OHM J	
448	R CARBON FILM	R544	RD-AZ473J-	1/6 47K OHM J		506	R CARBON FILM	R658	RD-AZ473J-	1/6 47K OHM J	
449	R CARBON FILM	R545-546	RD-AZ273J-	1/6 27K OHM J		507	R CARBON FILM	R659-660	RD-AZ102J-	1/6 1K OHM J	
450	R CARBON FILM	R547	RD-AZ683J-	1/6 68K OHM J		508	R CARBON FILM	R661	RD-AZ104J-	1/6 100K OHM J	
451	R CARBON FILM	R548	RD-AZ333J-	1/6 33K OHM J		509	R CARBON FILM	R662	RD-AZ103J-	1/6 10K OHM J	
452	R CARBON FILM	R549	RD-AZ104J-	1/6 100K OHM J		510	R CARBON FILM	R663	RD-AZ331J-	1/6 330 OHM J	
453	R CARBON FILM	R550	RD-AZ333J-	1/6 33K OHM J		511	R CARBON FILM	R664	RD-AZ472J-	1/6 4.7K OHM J	
454	R CARBON FILM	R551-552	RD-AZ103J-	1/6 10K OHM J		512	R CARBON FILM	R665	RD-AZ822J-	1/6 8.2K OHM J	
455	R CARBON FILM	R553	RD-AZ154J-	1/6 150K OHM J		513	R CARBON FILM	R667	RD-AZ472J-	1/6 4.7K OHM J	
456	R CARBON FILM	R554	RD-AZ105J-	1/6 1M OHM J		514	R CARBON FILM	R668	RD-AZ561J-	1/6 560 OHM J	
457	R CARBON FILM	R555-556	RD-2Y150J-	1/2 15 OHM J		515	R CARBON FILM	R669	RD-AZ103J-	1/6 10K OHM J	
458	R CARBON FILM	R557	RD-AZ104J-	1/6 100K OHM J		516	R CARBON FILM	R670-671	RD-AZ472J-	1/6 4.7K OHM J	
459	R CARBON FILM	R558	RD-AZ102J-	1/6 1K OHM J		517	R CARBON FILM	R672	RD-AZ101J-	1/6 100 OHM J	
460	R CARBON FILM	R559	RD-AZ822J-	1/6 8.2K OHM J		518	R CARBON FILM	R673	RD-AZ105J-	1/6 1M OHM J	
461	R CARBON FILM	R560	RD-AZ123J-	1/6 12K OHM J		519	R CARBON FILM	R674-675	RD-AZ103J-	1/6 10K OHM J	
462	R CARBON FILM	R561	RD-AZ273J-	1/6 27K OHM J		520	R CARBON FILM	R676	RD-AZ105J-	1/6 1M OHM J	
463	R CARBON FILM	R562-563	RD-AZ332J-	1/6 3.3K OHM J		521	R CARBON FILM	R677	RD-AZ822J-	1/6 8.2K OHM J	
464	R CARBON FILM	R564	RD-AZ102J-	1/6 1K OHM J		522	R CARBON FILM	R683	RD-AZ103J-	1/6 10K OHM J	
465	R CARBON FILM	R567	RD-AZ102J-	1/6 1K OHM J		523	R CARBON FILM	R684	RD-AZ392J-	1/6 3.9K OHM J	
466	R CARBON FILM	R568	RD-AZ221J-	1/6 220 OHM J		524	R CARBON FILM	R685-686	RD-AZ102J-	1/6 1K OHM J	
467	R CARBON FILM	R569-570	RD-AZ104J-	1/6 100K OHM J		525	R CARBON FILM	R688	RD-AZ101J-	1/6 100 OHM J	
468	R CARBON FILM	R571	RD-AZ472J-	1/6 4.7K OHM J		526	R CARBON FILM	R694-695	RD-AZ101J-	1/6 100 OHM J	
469	R CARBON FILM	R572-573	RD-AZ104J-	1/6 100K OHM J		527	R CARBON FILM	R696	RD-AZ333J-	1/6 33K OHM J	
470	R CARBON FILM	R574-579	RD-AZ472J-	1/6 4.7K OHM J		528	R CARBON FILM	R803-804	RD-AZ102J-	1/6 1K OHM J	
471	R CARBON FILM	R580-581	RD-AZ103J-	1/6 10K OHM J		529	R CARBON FILM	R805-806	RD-AZ563J-	1/6 56K OHM J	
472	R CARBON FILM	R582	RD-AZ101J-	1/6 100 OHM J		530	R CARBON FILM	R807-808	RD-AZ152J-	1/6 1.5K OHM J	
473	R CARBON FILM	R601-604	RD-AZ102J-	1/6 1K OHM J		531	R CARBON FILM	R809-812	RD-4Z100J-	1/4 10 OHM J	
474	R CARBON FILM	R605-606	RD-AZ820J-	1/6 82 OHM J		532	R CARBON FILM	R813	RD-AZ103J-	1/6 10K OHM J	
475	R CARBON FILM	R607-608	RD-AZ683J-	1/6 68K OHM J		533	R CARBON FILM	R815-818	RD-4Z102J-	1/4 1K OHM J	
476	R CARBON FILM	R609-610	RD-AZ682J-	1/6 6.8K OHM J		534	R CARBON FILM	R821	RD-AZ154J-	1/6 150K OHM J	
477	R CARBON FILM	R611-612	RD-AZ272J-	1/6 2.7K OHM J		535	R CARBON FILM	R823	RD-AZ104J-	1/6 100K OHM J	
478	R CARBON FILM	R613-614	RD-AZ102J-	1/6 1K OHM J		536	R CARBON FILM	R824	RD-AZ473J-	1/6 47K OHM J	
479	R CARBON FILM	R615-616	RD-AZ223J-	1/6 22K OHM J		537	R CARBON FILM	R825	RD-AZ103J-	1/6 10K OHM J	
480	R CARBON FILM	R617-618	RD-AZ272J-	1/6 2.7K OHM J		538	WIRE JUMPER	R827-830	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
481	R CARBON FILM	R619-620	RD-AZ103J-	1/6 10K OHM J		539	R CARBON FILM	R831-832	RD-AZ102J-	1/6 1K OHM J	
482	R CARBON FILM	R621	RD-AZ333J-	1/6 33K OHM J		540	R CARBON FILM	R910	RD-AZ103J-	1/6 10K OHM J	
483	R CARBON FILM	R622	RD-AZ105J-	1/6 1M OHM J		541	R CARBON FILM	R911	RD-AZ223J-	1/6 22K OHM J	
484	R CARBON FILM	R623	RD-AZ683J-	1/6 68K OHM J		542	R CARBON FILM	R912-913	RD-AZ103J-	1/6 10K OHM J	
485	R CARBON FILM	R624	RD-AZ103J-	1/6 10K OHM J		543	R CARBON FILM	R914	RD-AZ223J-	1/6 22K OHM J	
486	R CARBON FILM	R625-626	RD-AZ184J-	1/6 180K OHM J		544	R CARBON FILM	R915	RD-AZ473J-	1/6 47K OHM J	
487	R CARBON FILM	R627-628	RD-AZ151J-	1/6 150 OHM J		545	R CARBON FILM	R916	RD-AZ103J-	1/6 10K OHM J	
488	R CARBON FILM	R629-630	RD-AZ224J-	1/6 220K OHM J		546	R CARBON FILM	R921	RD-AZ100J-	1/6 10 OHM J	
489	R CARBON FILM	R631-632	RD-AZ563J-	1/6 56K OHM J		547	R CARBON FILM	R922	RD-AZ332J-	1/6 3.3K OHM J	
490	R CARBON FILM	R633-634	RD-AZ392J-	1/6 3.9K OHM J		548	R CARBON FILM	R923	RD-AZ103J-	1/6 10K OHM J	

Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS
549	R CARBON FILM	R933-934	RD-AZ221J-	1/6 220 OHM J	
550	R CARBON FILM	R939-940	RD-AZ109J-	1/6 1 OHM J	
551	R FUSIBLE	RF901-902	RF-2F478J-	1/2 0.47 OHM J	
552	R SEMI FIXED	RV601	RV1417222-	1/10 2.2K OHM B V6EK-PV1S	
553	SW TACT	SW723	5S50101008	KPT-1105V 1C-1P	
554	TUNER PACK	TU001	9737613500	FTE4-401TC	
555	CONN AS	W600	9738834700	UL 1007 #26 1P 110MM	
556	CONN AS	W601	9738834700	UL 1007 #26 1P 110MM	
557	C DISCRIMINATOR	XC201	5P107MG86C	CDA10.7MG86N-C	
558	X-TAL	XC251	5XA7R20000	7.2M	
559	RESONATOR CERA	XC501	5PCSA16R93	CSA16.93MXZ04	
560	RESONATOR	XC701	5PCSA8MTZ-	CSA8MTZ, 8MHZ	
561	X-TAL	XC702	5XA32R768-	DT-38 32.768KHZ 20PPM	
562	X-TAL	XC703	5XA4R332M-	4.332M	
1	PCB PT AS	12000	9CDC055510	AMI-208MV	
2	PCB PT	B991	9CD6582000	98X123	
3	WIRE JUMPER	CC995	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
4	CORD AC	CD991	9736900200	KKP419C,KLCE-2F,0.75SQUIRE	
5	C ELECTRO	CE991	CEXF1E222V	25V RSS 2200MF (16X25) TP	
6	CONN AS	CN991	9738833900	#22 8P BOARD-IN 350MM	
7	CONN AS	CW708	9728802800	#26 3P FLAT 360MM P=2.5	
8	DIODE	D991-994	DZN4001A--	1N4001A AUTO	
9	DIODE	D995	DZN4148---	1N4148 AUTO 52MM	
10	DIODE	D996	DZN4001A--	1N4001A AUTO	
11	FUSE GLASS TUBE	F902	5FSGB3112L	SEMKO TL 0.315A 250V MF51	
12	CLIP FUSE	FC903-904	9734600700	FC-5N	
13	IC	IC991	1MC7805---	MC 7805 (KA7805)	
14	WIRE JUMPER	JW994	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
15	TRANS POWER	PT991	5TP8060788	EI=60 230V 50HZ	
16	TRANS POWER	PT992	5TP8028829	EI=28X12 230V 50HZ	
17	TR	Q991	TZRC107M--	KRC107M(AUTO)	
18	TR	Q992	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
19	R METAL FILM	R991	RN-2Y475J-	1/2 4.7M OHM J	
20	R CARBON FILM	R992	RD-4Z100J-	1/4 10 OHM J	
21	R CARBON FILM	R993	RD-AZ223J-	1/6 22K OHM J	
22	R CARBON FILM	R994	RD-AZ102J-	1/6 1K OHM J	
23	SW RELAY	RY991	5SC2001A01	SDT-S-105LMR	