



Service Manual

68 Cm STEREO Color Television

MODEL

DTQ-29U9FS
 DTQ-29U9FSO
 DTQ-29U9FSA
 DTQ-34Z9FC
 DTH-29U9FSA

CHASSIS

CN-789S
 CN-789S
 CN-789S
 CN-789S
 CN-789M



Model	DTQ-29U9FS	DTQ-29U9FSO	DTQ-29U9FSA	DTQ-34Z9FC	DTH-29U9FSO	DTH-29U9FSA
Chassis	CN-789S				CN-789M	
System	NTSC				NTSCPAL-M/PAL-N	
Input voltage	AC110 ~ 220V					
Power consumption	140W		130W	158W	140W	130W
Speaker impedance	8 OHM					
MTS system	Zenith					
Sound output power (100% modulation)	R : 7.5W					
	L : 7.5W					
	WOOFER : 10W		X		WOOFER : 10W	X
Receiving channels (181ch)	VHF : 2 ~ 13					
	UHF : 14 ~ 69					
	A5-A1, A-W, W+1-W+84, 5A					
RF impedance	75 OHM					
Screen size	68 Cm					
Remote control	R-37C04		R-37C05		R-37C04	R-37C05
Screen aspect	4 : 3					
	16 : 9					
Dimension	Width : 843mm					
	Height : 592mm					
	Depth : 504mm					
Weight	56kg					

DAEWOO ELECTRONICS CO., LTD
<http://svc.dwe.co.kr>

MAY. 2000

DAEWOO

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1. Important Service Notes

PRODUCT SAFETY SERVICING GUIDELINES FOR AUDIO - VIDEO PRODUCTS

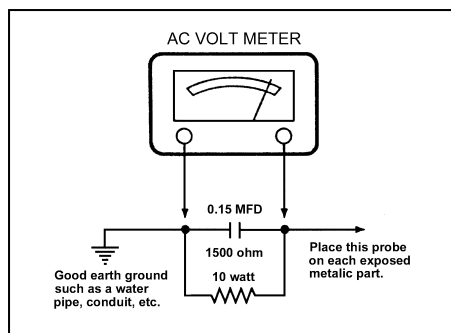
CAUTION : DO NOT ATTEMPT TO MODIFY THIS PRODUCT IN ANY WAY. NEVER PERFORM CUSTOMIZED INSTALLATIONS WITHOUT MANUFACTURER'S APPROVAL. UNAUTHORIZED MODIFICATIONS WILL NOT ONLY VOID THE WARRANTY, BUT MAY LEAD TO YOUR BEING LIABLE FOR ANY RESULTING PROPERTY DAMAGE OR USER INJURY. SERVICE WORK SHOULD BE PERFORMED ONLY AFTER YOU ARE THOROUGHLY FAMILIAR WITH ALL OF THE FOLLOWING SAFETY CHECKS AND SERVICING GUIDELINES. TO DO OTHERWISE, INCREASES THE RISK OF POTENTIAL HAZARDS AND INJURY TO THE USER. WHILE SERVICING, USE AN ISOLATION TRANSFORMER FOR PROTECTION FROM A.C. LINE SHOCK.

SAFETY CHECKS

AFTER THE ORIGINAL SERVICE PROBLEM HAS BEEN CORRECTED, A CHECK SHOULD BE MADE OF THE FOLLOWING :

SUBJECT : FIRE & SHOCK HAZARD

1. BE SURE THAT ALL COMPONENTS ARE POSITIONED IN SUCH A WAY AS TO AVOID POSSIBILITY OF ADJACENT COMPONENT SHORTS THIS IS ESPECIALLY IMPORTANT ON THOSE MODULES WHICH ARE TRANSPORTED TO AND FROM THE REPAIR SHOP.
2. NEVER RELEASE A REPAIR UNLESS ALL PROTECTIVE DEVICES SUCH AS INSULATORS, BARRIERS, COVERS, SHIELDS, STRAIN RELIEFS, POWER SUPPLY CORDS, AND OTHER HARDWARE HAVE BEEN REINSTALLED PER ORIGINAL DESIGN. BE SURE, THAT THE SAFETY PURPOSE OF THE POLARIZED LINE PLUG HAS NOT BEEN DEFECTED.
3. SOLDERING MUST BE INSPECTED TO DISCOVER POSSIBLE COLD SOLDER JOINTS, SOLDER SPLASHES OF SHARP SOLDER POINTS. BE CERTAIN TO REMOVE ALL LOOSE FOREIGN PARTICLES.
4. CHECK FOR PHYSICAL EVIDENCE OF DAMAGE OR DETERIORATION TO PARTS AND COMPONENTS, FOR FRAYED LEADS, DAMAGED INSULATION (INCLUDING A.C. CORD), AND REPLACE IF NECESSARY. FOLLOW ORIGINAL LAYOUT, LEAD LENGTH AND DRESS.
5. NO LEAD OR COMPONENT SHOULD TOUCH A RECEIVING TUBE OR A RESISTOR RATED AT 1 WATT OR MORE. LEAD TENSION AROUND PROTRUDING METAL SURFACES MUST BE AVOIDED.
6. ALL CRITICAL COMPONENTS SUCH AS FUSES, FLAMEPROOF RESISTOR, CAPACITORS, ETC. MUST BE REPLACED WITH EXACT FACTORY TYPES. DO NOT USE REPLACEMENT COMPONENTS OTHER THAN THOSE SPECIAL OR MAKE UNRECOMMENDED CIRCUIT MODIFICATIONS.
7. AFTER RE-ASSEMBLY OF THE SET ALWAYS PERFORM AN A.C. LEAKAGE TEST ON ALL EXPOSED METALLIC PARTS OF THE CABINET. (THE CHANNEL SELECTOR KNOB, ANTENNA TERMINALS, HANDLE AND SCREWS) TO BE SURE THE SET IS SAFE TO OPERATE WITHOUT DANGER OF ELECTRICAL SHOCK. DO NOT USE A LINE ISOLATION TRANSFORMER DURING THIS TEST USE AN A.C. VOLTMETER, HAVING 5000 OHMS PER VOLT OR MORE SENSITIVITY, IN THE FOLLOWING MANNER : CONNECT A 1500 OHM 10 WATT RESISTOR, PARALLELED BY A .75 MFD. 150V A.C. TYPE CAPACITOR BETWEEN A KNOWN GOOD EARTH GROUND (WATER PIPE, CONDUIT, ETC) AND THE EXPOSED METALLIC PARTS, ONE AT A TIME. MEASURE THE A.C. VOLTAGE ACROSS THE COMBINATION OF 1500 OHM RESISTOR AND .75 MFD CAPACITOR. REVERSE THE A.C. PLUG AND REPEAT A.C. VOLTAGE MEASUREMENTS FOR EACH EXPOSED METALLIC PART. VOLTAGE MEASUREMENTS MUST NOT EXCEED .75 VOLTS R.M.S THIS CORRESPONDS TO 0.5 MILLIAMPS A.C. ANY VALUE EXCEEDING THIS LIMIT CONSTITUTES A POTENTIAL SHOCK HAZARD AND MUST BE CORRECTED IMMEDIATELY



SUBJECT : GRAPHIC SYMBOLS



THE LIGHTNING FLASH WITH ARROWHEAD SYMBOL, WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE SERVICE PERSONNEL TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK.



THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE SERVICE PERSONNEL TO THE PRESENCE OF IMPORTANT SAFETY INFORMATION ON SERVICE LITERATURE.

SUBJECT : X-RADIATION

1. BE SURE PROCEDURES AND INSTRUCTIONS TO ALL SERVICE PERSONNEL COVER THE SUBJECT OF X-RADIATION. THE ONLY POTENTIAL SOURCE OF X-RAYS IN CURRENT TV RECEIVERS IS THE PICTURE TUBE HOWEVER, THIS TUBE DOES NOT EMIT X-RAYS WHEN THE HIGH VOLTAGE IS AT THE FACTORY SPECIFIED LEVEL. THE PROPER VALUE IS GIVEN IN THE APPLICABLE SCHEMATIC OPERATION AT HIGHER VOLTAGES MAY CAUSE A FAILURE OF THE PICTURE TUBE OR HIGH VOLTAGE SUPPLY AND, UNDER CERTAIN CIRCUMSTANCES, MAY PRODUCE RADIATION IN EXCESS OF DESIRABLE LEVELS.
2. ONLY FACTORY SPECIFIED C.R.T ANODE CONNECTORS MUST BE USED. DEGAUSSING SHIELDS ALSO SERVE AS X-RAY SHIELD IN COLOR SETS. ALWAYS RE-INSTALL THEM.
3. IT IS ESSENTIAL THAT SERVICE PERSONNEL HAVE AVAILABLE AN ACCURATE AND RELIABLE HIGH VOLTAGE METER. THE CALIBRATION OF THE METER SHOULD BE CHECKED PERIODICALLY AGAINST A REFERENCE STANDARD. SUCH AS THE ONE AVAILABLE AT YOUR DISTRIBUTOR.
4. WHEN THE HIGH VOLTAGE CIRCUITRY IS OPERATING PROPERLY THERE IS NO POSSIBILITY OF AN X-RADIATION PROBLEM. EVERY TIME A COLOR CHASSIS IS SERVICED, THE BRIGHTNESS SHOULD BE RUN UP AND DOWN WHILE MONITORING THE HIGH VOLTAGE WITH A METER TO BE CERTAIN THAT THE HIGH VOLTAGE DOES NOT EXCEED THE SPECIFIED VALUE AND THAT IT IS REGULATING CORRECTLY. WE SUGGEST THAT YOU AND YOUR SERVICE ORGANIZATION REVIEW TEST PROCEDURES SO THAT VOLTAGE REGULATION IS ALWAYS CHECKED AS A STANDARD SERVICING PROCEDURE, AND THAT THE HIGH VOLTAGE READING BE RECORDED ON EACH CUSTOMER'S INVOICE.
5. WHEN TROUBLESHOOTING AND MAKING TEST MEASUREMENTS IN A PRODUCT WITH A PROBLEM OF EXCESSIVE HIGH VOLTAGE, AVOID BEING UNNECESSARILY CLOSE TO THE PICTURE TUBE AND THE HIGH VOLTAGE SUPPLY. DO NOT OPERATE THE PRODUCT LONGER THAN IS NECESSARY TO LOCATE THE CAUSE OF EXCESSIVE VOLTAGE.
6. REFER TO HV, B+ AND SHUTDOWN ADJUSTMENT PROCEDURES DESCRIBED IN THE APPROPRIATE SCHEMATIC AND DIAGRAMS (WHERE USED).

SUBJECT : IMPLSION

1. ALL DIRECT VIEWED PICTURE TUBES ARE EQUIPPED WITH AN INTEGRAL IMPLSION PROTECTION SYSTEM BUT CARE SHOULD BE TAKEN TO AVOID DAMAGE DURING INSTALLATION. AVOID SCRATCHING THE TUBE. IF SCRATCHED REPLACE IT.
2. USE ONLY RECOMMENDED FACTORY REPLACEMENT TUBES

SUBJECT : TIPS ON PROPER INSTALLATION

1. NEVER INSTALL ANY PRODUCT IN A CLOSED-IN RECESS, CUBBYHOLE OR CLOSELY FITTING SHELF SPACE, OVER OR CLOSE TO HEAT DUCT, OR IN THE PATH OF HEATED AIR FLOW.
2. AVOID CONDITIONS OF HIGH HUMIDITY SUCH AS : OUTDOOR PATIO INSTALLATIONS WHERE DEW IS A FACTOR, NEAR STEAM RADIATORS WHERE STEAM LEAKAGE IS A FACTOR, ETC.
3. AVOID PLACEMENT WHERE DRAPERIES MAY OBSTRUCT REAR VENTING. THE CUSTOMER SHOULD ALSO AVOID THE USE OF DECORATIVE SCARVES OR OTHER COVERINGS WHICH MIGHT OBSTRUCT VENTILATION
4. WALL AND SHELF MOUNTED INSTALLATIONS USING A COMMERCIAL MOUNTING KIT, MUST FOLLOW THE FACTORY APPROVED MOUNTING INSTRUCTIONS. A PRODUCT MOUNTED TO A SHELF OR PLATFORM MUST RETAIN ITS ORIGINAL FEET (OR THE EQUIVALENT THICKNESS IN SPACERS) TO PROVIDE ADEQUATE AIR FLOW ACROSS THE BOTTOM. BOLTS OR SCREWS USED FOR FASTENERS MUST NOT TOUCH ANY PARTS OR WIRING. PERFORM LEAKAGE TEST ON CUSTOMIZED INSTALLATIONS.
5. CAUTION CUSTOMERS AGAINST THE MOUNTING OF A PRODUCT ON SLOPING SHELF OR A TILTED POSITION, UNLESS THE PRODUCT IS PROPERLY SECURED.
6. A PRODUCT ON A ROLL-ABOUT CART SHOULD BE STABLE ON ITS MOUNTING TO THE CART. CAUTION THE CUSTOMER ON THE HAZARDS OF TRYING TO ROLL A CART WITH SMALL CASTERS ACROSS THRESHOLDS OR DEEP PILE CARPETS.
7. CAUTION CUSTOMERS AGAINST THE USE OF A CART OR STAND WHICH HAS NOT BEEN LISTED BY UNDERWRITERS LABORATORIES, INC. FOR USE WITH THEIR SPECIFIC MODEL OF TELEVISION RECEIVER OR GENERALLY APPROVED FOR USE WITH T.V.S OF THE SAME OR LARGER SCREEN SIZE.
8. CAUTION CUSTOMERS AGAINST THE USE OF EXTENSION CORDS, EXPLAIN THAT A FOREST OF EXTENSIONS SPROUTING FROM A SINGLE OUTLET CAN LEAD TO DISASTROUS CONSEQUENCES TO HOME AND FAMILY.

PRODUCT SAFETY SERVICING GUIDELINES FOR AUDIO - VIDEO PRODUCTS

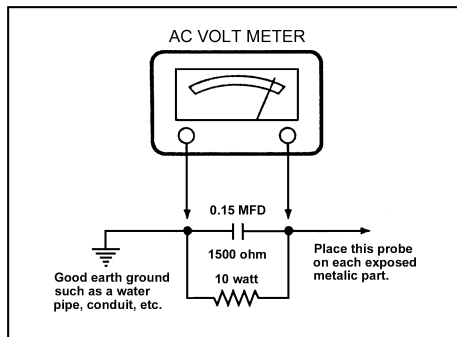
CAUTION : Do not attempt to modify this product in any way. Unauthorized modifications will not only void the warranty, but may lead to your being liable for any resulting property damage or user injury. Service work should be performed only after you are thoroughly familiar with all of the following safety checks and servicing guidelines. To do otherwise, increases the risk of potential hazards injury to the user.

SAFETY CHECKS

After the original service problem has been corrected, a check should be made of the following :

SUBJECT FIRE & SHOCK HAZARD

1. Be sure that all components are positioned in such a way as to avoid possibility of adjacent component shorts. This is especially important on those chassis which are transported to and from the repair shop.
2. Never release a repair unless all protective devices such as Insulators, barriers, covers, shields, strain reliefs, and other hardware have been reinstalled per original design.
3. Soldering must be inspected to discover possible cold solder joints, frayed leads, damaged insulation (Including A.C. cord), solder splashes or sharp solder points. Be certain to remove all loose foreign particulates.
4. Check for physical evidence of damage or deterioration to parts and components, and replace if necessary follow original layout, lead length and dress.
5. No leads or components should touch a receiving tube or a resistor rated at 1 watt or more. Lead tension around protruding metal surfaces must be avoided.
6. All critical components such as fuses, flameproof resistors, capacitor, etc must be replaced with exact factory types. Do not use replacement components other than those specified or make unrecommended circuit modifications.
7. After re-assembly of the set always perform an A.C. leakage test on all exposed metallic parts of the cabinet, (the channel selector knob, antenna terminals, handle and screws) to be sure the set is safe to operate without danger of electrical shock. Do not use a line Isolation transformer during this test. Use an A.C. voltmeter, having 5000 ohms per volt or more sensitivity, in the following manner : connect a 1500 ohm 10 watt resistor, paralleled by a 15 mfd. 150V A.C. type capacitor between a known good earth ground (9 water pipe, conduit, etc.) and the exposed metallic parts, one at a time. Measure the A.C. voltage across the combination of 1500 ohm resistor and 0.15 MFD capacitor. Reverse the A.C. plug and repeat A.C. voltage measurements for each exposed metallic part. Voltage measured must not exceed 0.75 volts R.M.S. This corresponds to 0.5 milliamp A.C. Any value exceeding this limit constitutes a potential shock hazard and must be corrected immediately



SUBJECT : IMPLSION

1. All direct viewed picture tubes are equipped with an integral implsion protection system, but care should be taken to avoid damage during installation. Avoid scratching the tube. If scratched, replace it.
2. Use only recommended factory replacement tubes.

SUBJECT : TIPS ON PROPER INSTALLATION

1. Never install any receiver in closed-in recess, cubbyhole or closely fitting shelf space over, or close to heat duct, or in the path of heated air flow.
2. Avoid conditions of high humidity such as : Outdoor patio installations where dew is a factor. Near steam radiators where steam leakage is factor, etc.
3. Avoid placement where draperies may obstruct rear venting. The customer should also avoid the use of decorative scarves or other coverings which might obstruct ventilation.

GRAPHIC SYMBOLS :



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the service personnel to the presence of uninsulated "dangerous voltage" that may be of sufficiently magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the service personnel to the presence of important safety information in service literature.



Fuse symbol is printed on pcb adjacent to the fuse, with "RISK OF FIRE REPLACE FUSE AS MARKED". The symbol is explained in the service manual with the following wording or equivalent.

"CAUTION : FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE (6.3A, 250V)" and "ATTENTION : AFIN D'ASSURER UNE PROTECTION PERMANENTE CONTRE LES RISQUES D'INCENDIE, REMPLACER UNIQUEMENT PAR UN FUSIBLE DE MEME TYPE ET DE "6.3A, 250V".

SUBJECT : X-RADIATION

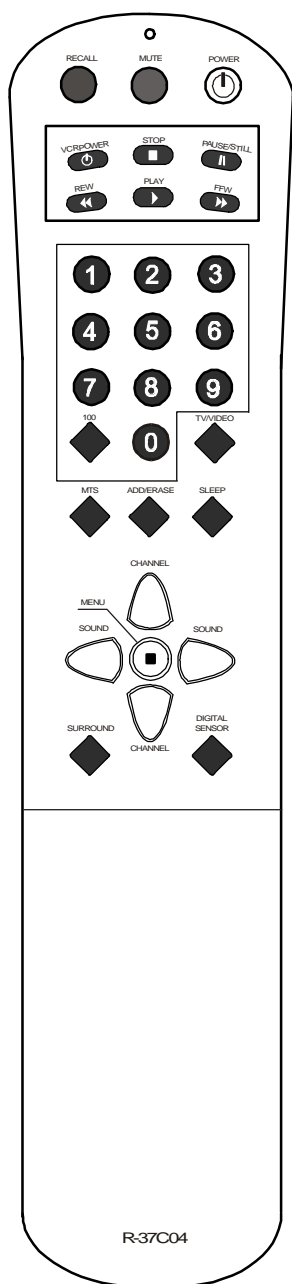
1. Be sure procedures and instructions to all service personnel cover the subject of X-rays in current T.V. receivers is the picture tube. However, this tube does not emit X-rays when the high voltage is at the factory specified level. The proper value is given in the applicable schematic. Operation at higher voltages may cause a failure of the picture tube or high voltage supply and, under certain circumstances, may produce radiation in excess of desirable levels.
2. Only factory specified C.R.T. anode connectors must be used. Degaussing shields also serve as X-ray shield in color sets. Always re-install them.
3. It is essential that the serviceman has available an accurate and reliable high voltage meter. The calibration of the meter should be checked periodically against a reference standard. Such as the one available at your distributor.
4. When the high voltage circuitry is operating properly there is no possibility of an X-radiation problem. Every time a color chassis is serviced, the brightness should be run up and down while monitoring the high voltage with a meter to be certain that the high voltage does not exceed the specified value and that it is regulating correctly. We suggest that you and your service organization review test procedures so that voltage regulation is always checked as a standard servicing procedure. And that the high voltage reading be recorded on each customer's invoice.
5. When troubleshooting and making test measurements in a receiver with a problem of excessive high voltage, avoid being unnecessarily close to the picture tube and the high voltage compartment. Do not operate the chassis longer than is necessary to locate the cause of excessive voltage.
6. Refer to HV, B+ and Shutdown adjustment procedures described in the appropriate schematic and diagrams (where used).

4. Wall and shelf mounted installations using a commercial mounting kit, must follow the factory approved mounting instructions. A receiver mounted to a shelf or platform must retain its original feet (or the equivalent thickness in spacers) to provide adequate air flow across the bottom, bolts or screws used for fasteners must not touch and parts or wiring. Perform leakage test on customized installations.
5. Caution customers against the mounting of a receiver on sloping shelf or a tilted position, unless the receiver is properly secured.
6. A receiver on a roll-about cart should be stable on its mounting to the cart. Caution the customer on the hazards of trying to roll a cart with small casters across thresholds or deep pile carpets.
7. Caution customers against the use of a cart or stand which has not been listed by underwriters laboratories, inc. For use with their specific model of television receiver or generically approved for use with T.V.'s of the same or larger screen size.

2. Specifications

Model	DTQ-29U9FS	DTQ-29U9FSO	DTQ-29U9FSA	DTQ-34Z9FC	DTH-29U9FSO	DTH-29U9FSA
Chassis	CN-789S				CN-789M	
System	NTSC				NTSC/PAL-M/PAL-N	
Input voltage	AC110 ~ 220V					
Power consumption	140W		130W	158W	140W	130W
Speaker impedance	8 OHM					
MTS system	Zenith					
Sound output power (100% modulation)	R : 7.5W					
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Receiving channels (181ch)	VHF : 2 ~ 13					
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	A5-A1, A-W, W+1-W+84, 5A					
RF impedance	75 OHM					
Screen size	68 Cm					
Remote control	R-37C04		R-37C05		R-37C04	R-37C05
Screen aspect	4 : 3					
	16 : 9					
Dimension	Width : 843mm					
	Height : 592mm					
	Depth : 504mm					
Weight	56kg					

3. Alignment Instructions



How to enter into Service Mode

- ① Direct the remote control to the reception window of TV
- ② Push buttons of remote control in sequece.
1 → MUTE → RECALL → MUTE
- ③ then, the screen will appear as followws.

* Service Mode *

1 - HEAT RUN	7 - PIP CON
2 - SCREEN	8 - WHT BAL
3 - VOL CHK	9 - D.P. CON
4 - PIC CHK	0 - FUN CHK
5 - PIC CON	100 - ABL
6 - GEOMETR	* - EX FACT

- How to memorize the adjusted settings in service mode
: Must press "RECALL" button the state which the screen is displaying each of service menus after all adjustments are completed each of all service menu.

Alignment Instructions

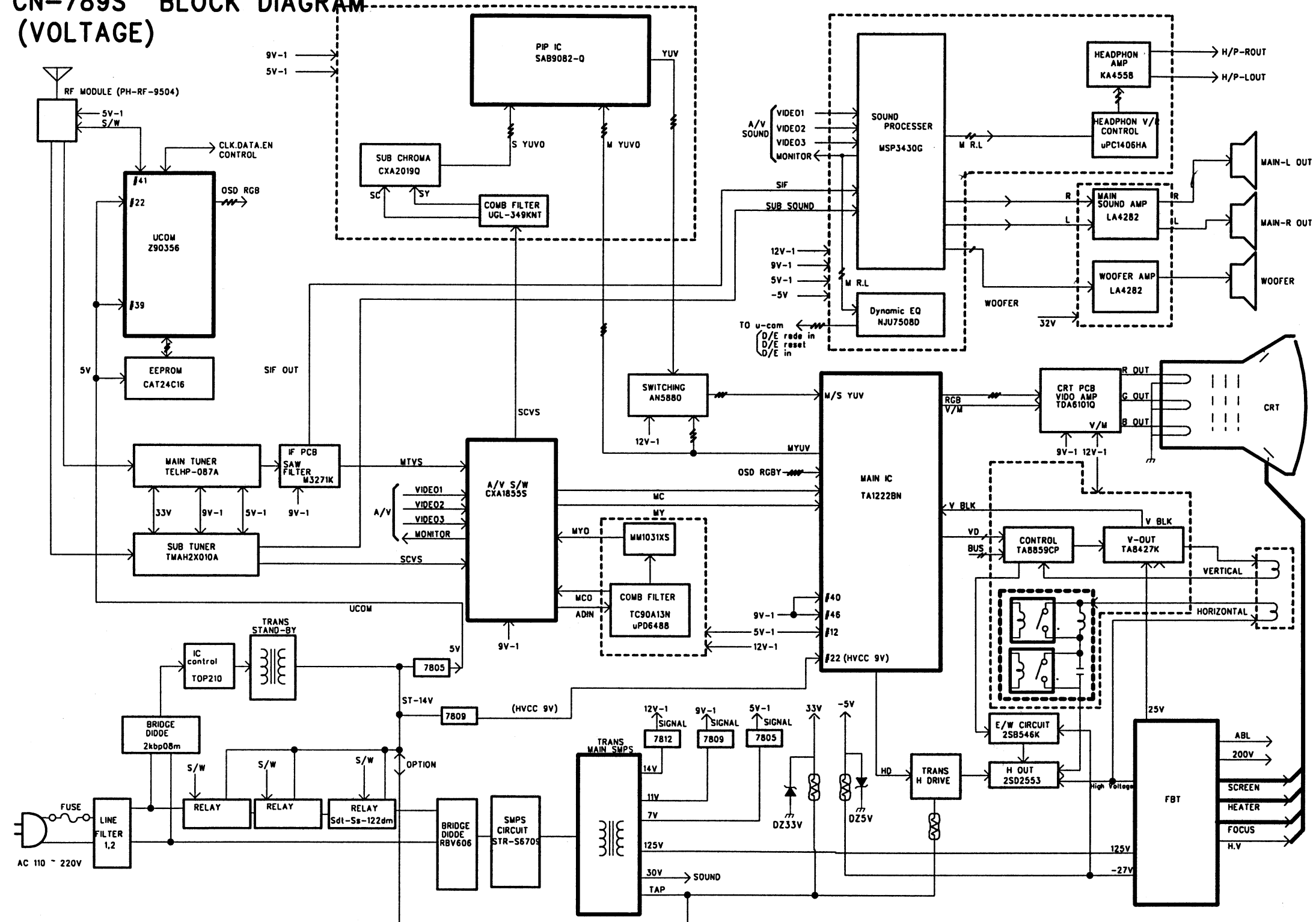
CN-789S EEPROM DATA

KEY	CONTENTS					29U9FSO	29U9FS	29U9FSA	KEY	CONTENTS	29U9FSO	29U9FS	29U9FSA		
S1	HEAT-RUN=>AUTO ON=>NORMAL								S7-1	TWIN ON/OFF					
S2	HORIZONTAL LINE => NORMAL									P1 PIP A H-POS	7				
S3		①	②	③	④	P2 MAIN A-POS	7								
		OFF	MUSIC	MOVIE	NEW S	P5 MAIN H-POS	19								
	100Hz	21	19	15	7	P6 MAIN V-POS	2								
	300Hz	14	17	15	15	P7 PIP A V-POS	3								
	1K	9	13	13	14	S7-2	Y-GAIN	9							
	3K	14	17	15	12		PIP COLOR	8							
	10	21	18	11	8		PIP TINT	6							
	⑤	VOLUME					MIN	PEDEST U	4						
	⑥	VOLUME					MAX	PEDEST V	6						
	⑦	VOLUME					CENTER	DC TRAN	0						
S4	CON/BRI/SHA/TIN						MIN-MAX-CENTER			PIP-CONT	6				
S5-1	FLESHTONE						OFF			PIP SHARP	6				
	S-TRAC					OFF			S8-1	G-DRIVE	63				
	WHITE PEAK					ON				B-DRIVE	63				
	COLOR R					0				R-BIAS	127				
	COLOR LIMIT					ON				G-BIAS	70				
	Y R					ON				B-BIAS	70				
	GP-PHASE					OFF			C SYSTEM	ON					
	R-Y PHASE					1			OSD	7					
	R-Y AMPLI					1			S8-2	V-DLY	2				
	Y DELAY					OFF				H-DLY	64				
VM GAIN					0			H-POS		6					
S5-2 6	P-ACL					OFF			S9	CNR U V	17	22			
	B-STRET LIM					0				COLOR	20				
	B-POINT1					1				BRIGHTNESS	90	70			
	B-POINT2					2				CONTRAST	26	24			
	W-PEAK CUR					0				SHARPNESS	0	3			
	D-ABL PO					7				TINT	0	0			
	D-ABL GA					0				MAIN PRE	90				
	ABL POINT					2				STEREO ID	10				
	ABL GAIN					3				VIDEO PRE	46				
	WIDE MUTE					ON				MONOTOR VOL	21				
	S6		4:3 / WIDE							S10	CLOCK - AVC - WIDE -3S SURROUND - DIG. SENSOR - CAPTION - WOOFER				
			29U9FS		29U9FSO	TWIN	MULTI(4)	MULTI(7)			S11	AUTO OFF	ON		ON
V-DC		4/M+2		4/M+2				WIDE	ON			ON			
H-CENTER		13/M		15/M	0	0	0	3S SURROUND	OFF			OFF			
CUTION1		14/M+2		19/M	M+1	M+1	M+1	LNA	OFF			OFF			
H-WIDTH		47/M		41/M				DIG. SENSOR	ON			ON			
V-WIDTH		46/M-31		64/M-34				AUTO EQ	ON			OFF			
V-LIN		11/M		4/M				PIP	ON			OFF			
V-S		2/0		6/5				PIP PAL	OFF			OFF			
PIN-CONER		8/M-3		6/3				WOOFER	ON			OFF			
TRAPEZE		44/M		35/M				NTSC	ON			ON			
EXT		VOL:50, CAPTION:C1, AUTO ON											CAPTION	ON	

* W / BALANCE : 263 / 268 (H : 140 / L : 15)

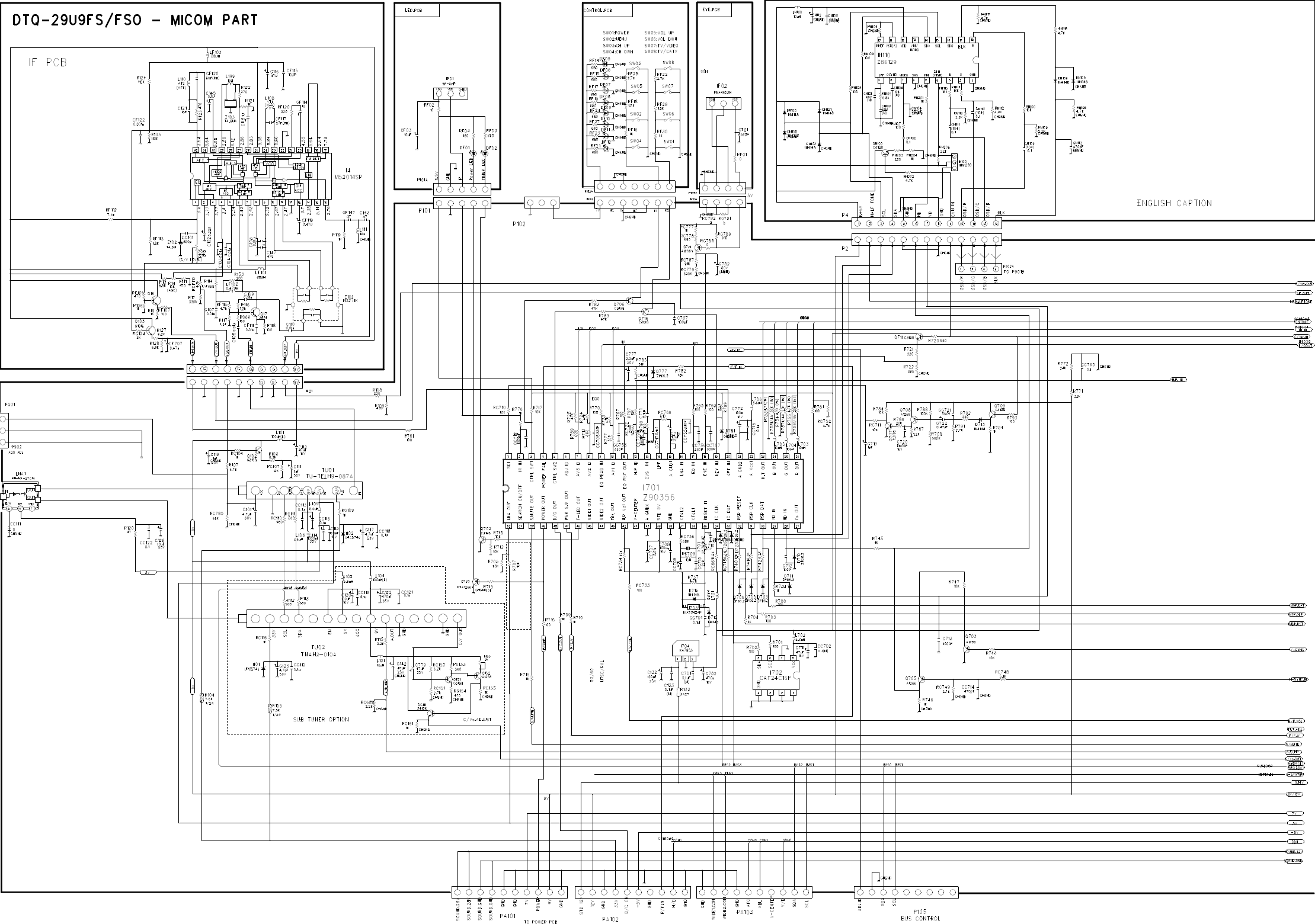
4. BLOCK DIAGRAM

**CN-789S BLOCK DIAGRAM
(VOLTAGE)**



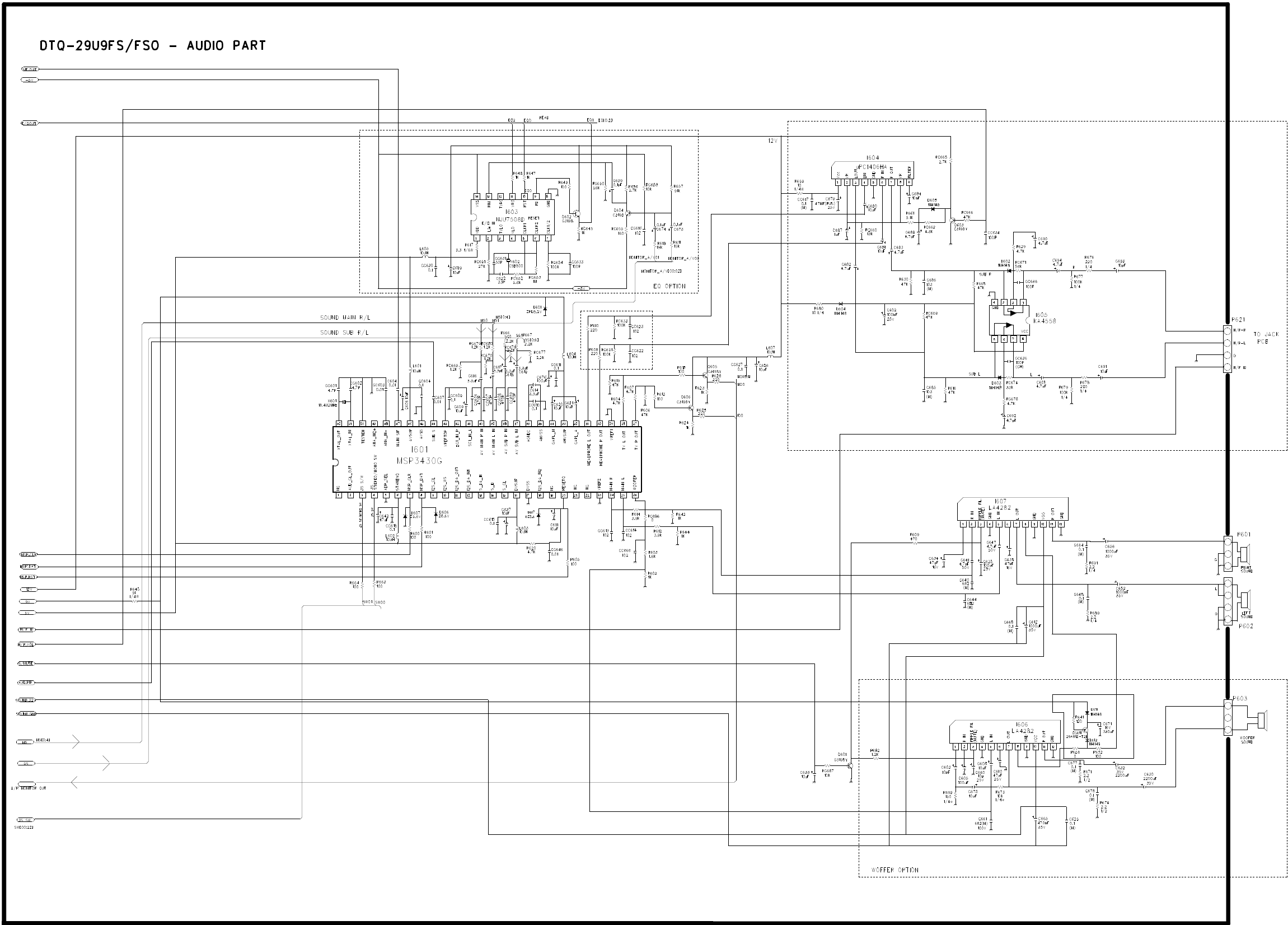
4. Block Diagram

1) DTQ-29U9FS/FSO/FSA-MICOM



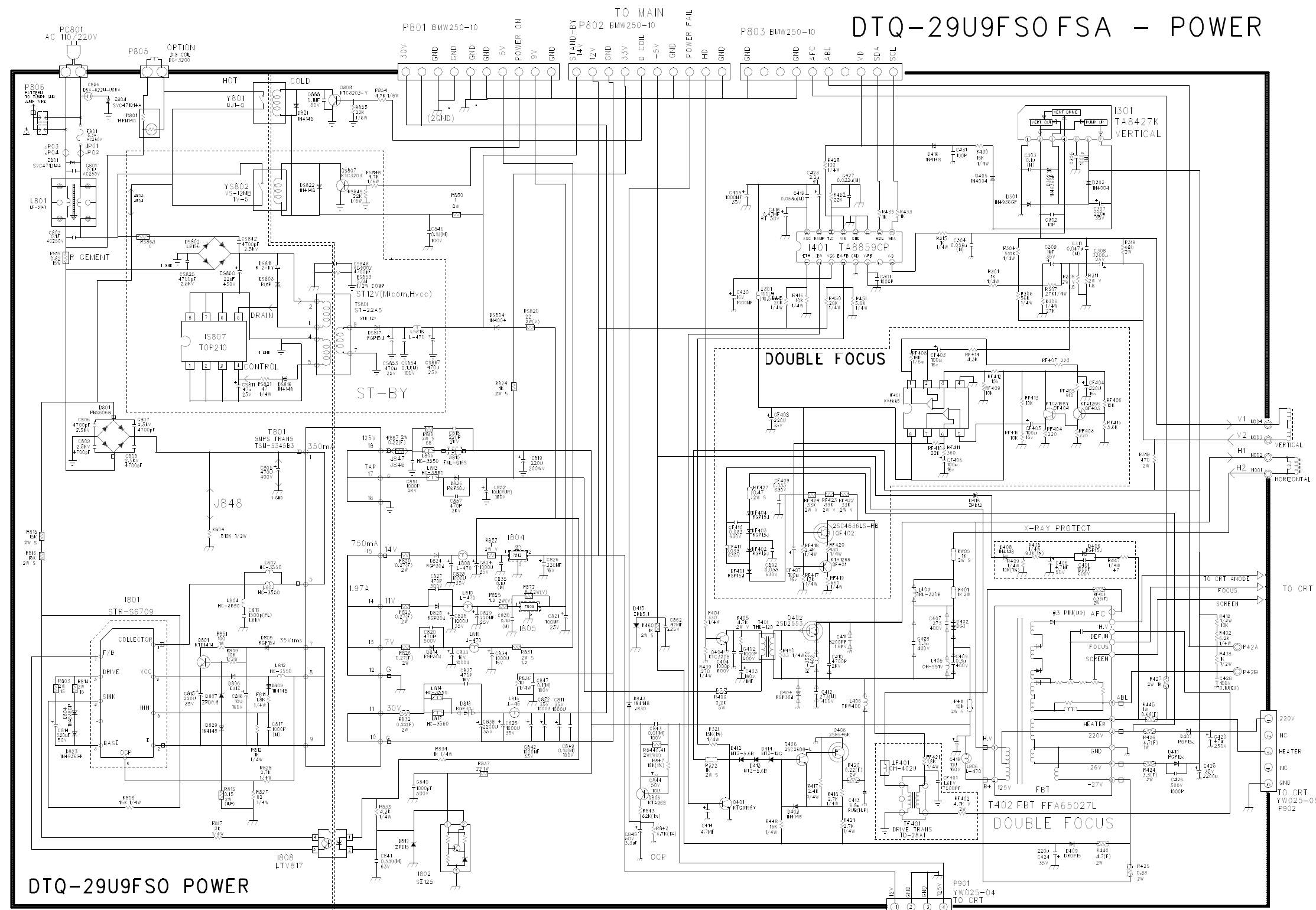
4. Block Diagram

2) DTQ-29U9FS/FSO/FSA-AUDIO



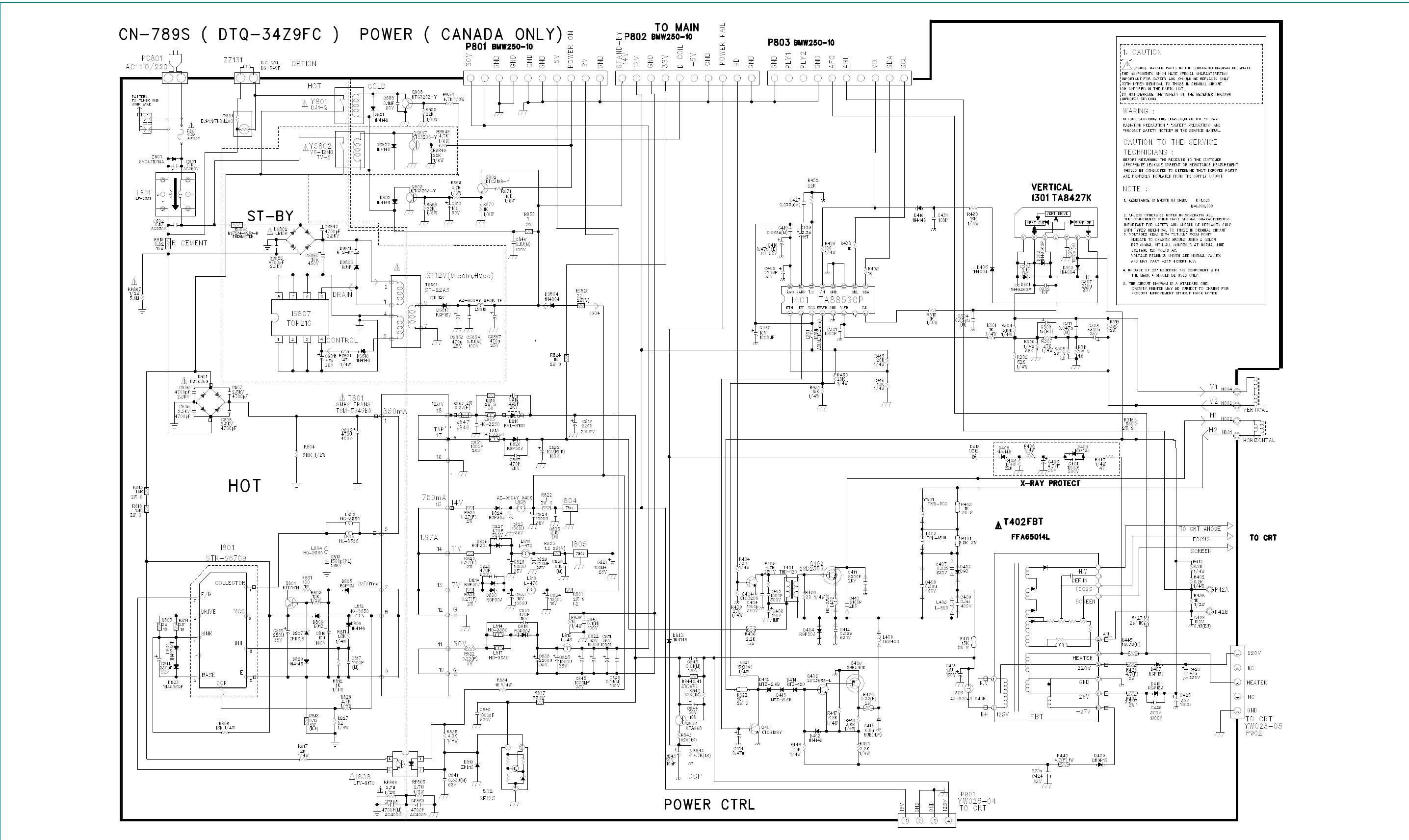
4. Block Diagram

3) DTQ-29U9FSO/FSA-POWER



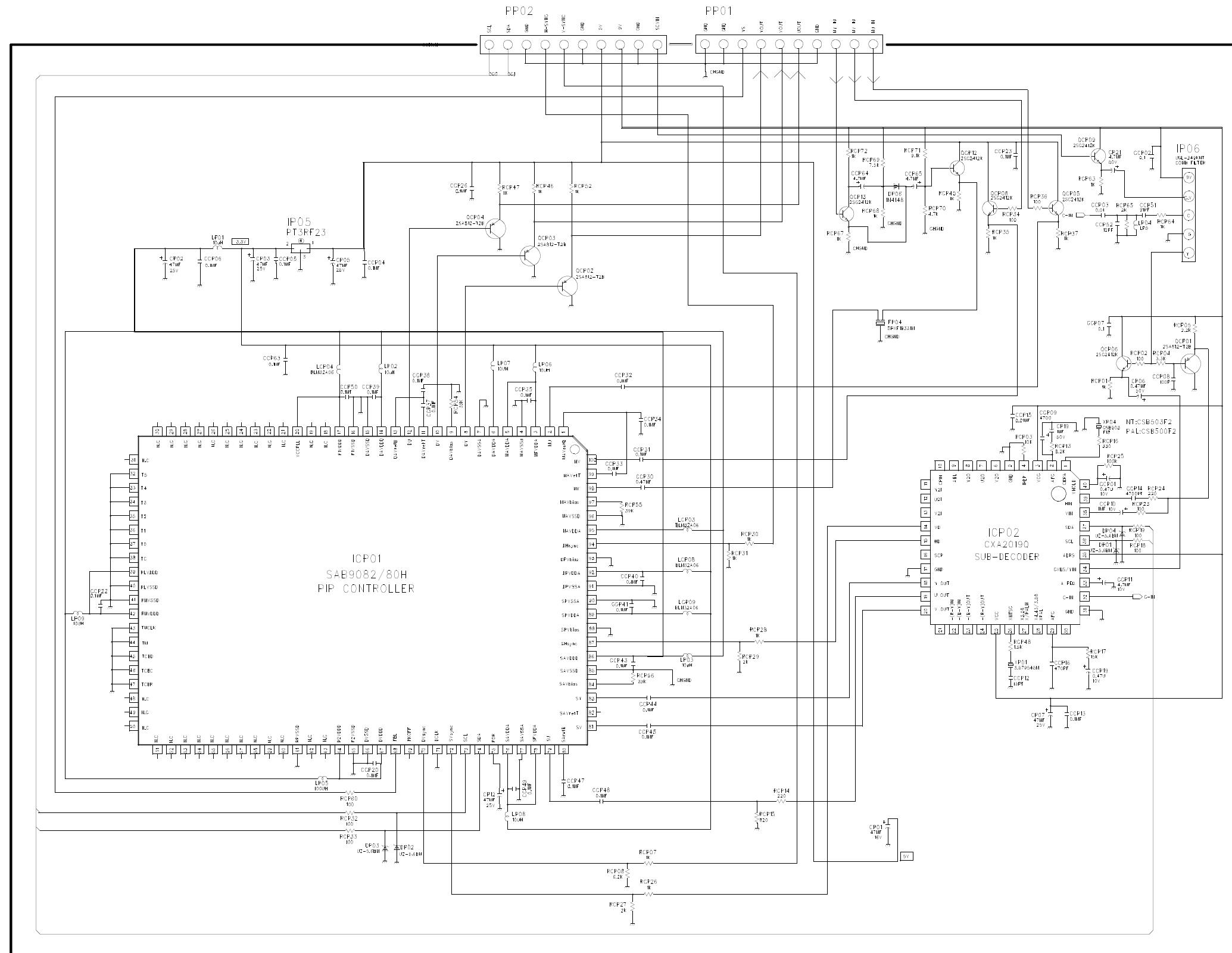
4. Block Diagram

4) DTQ-34Z9FC-POWER



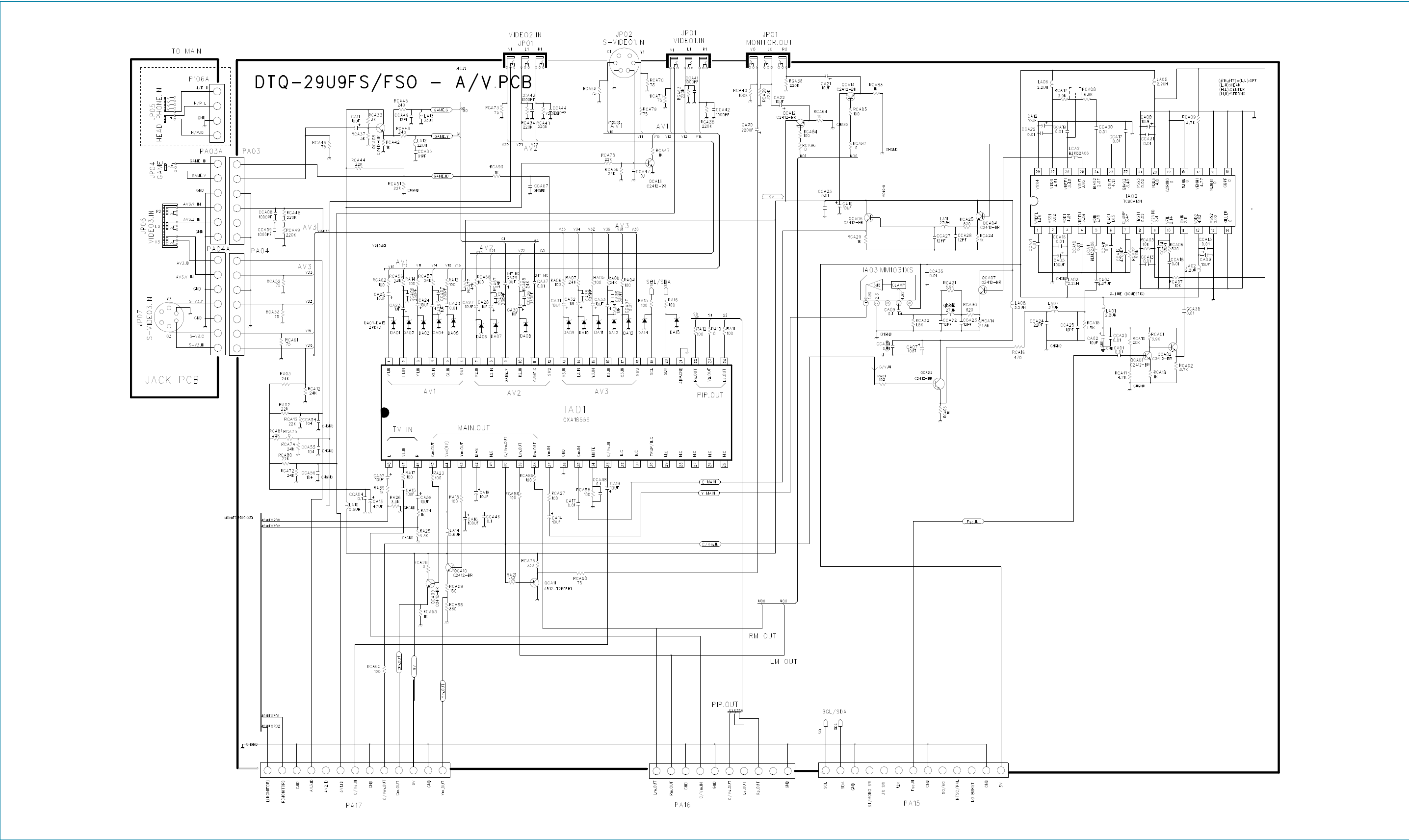
4. Block Diagram

5) DTQ-29U9FS/FSO/FSA-PIP



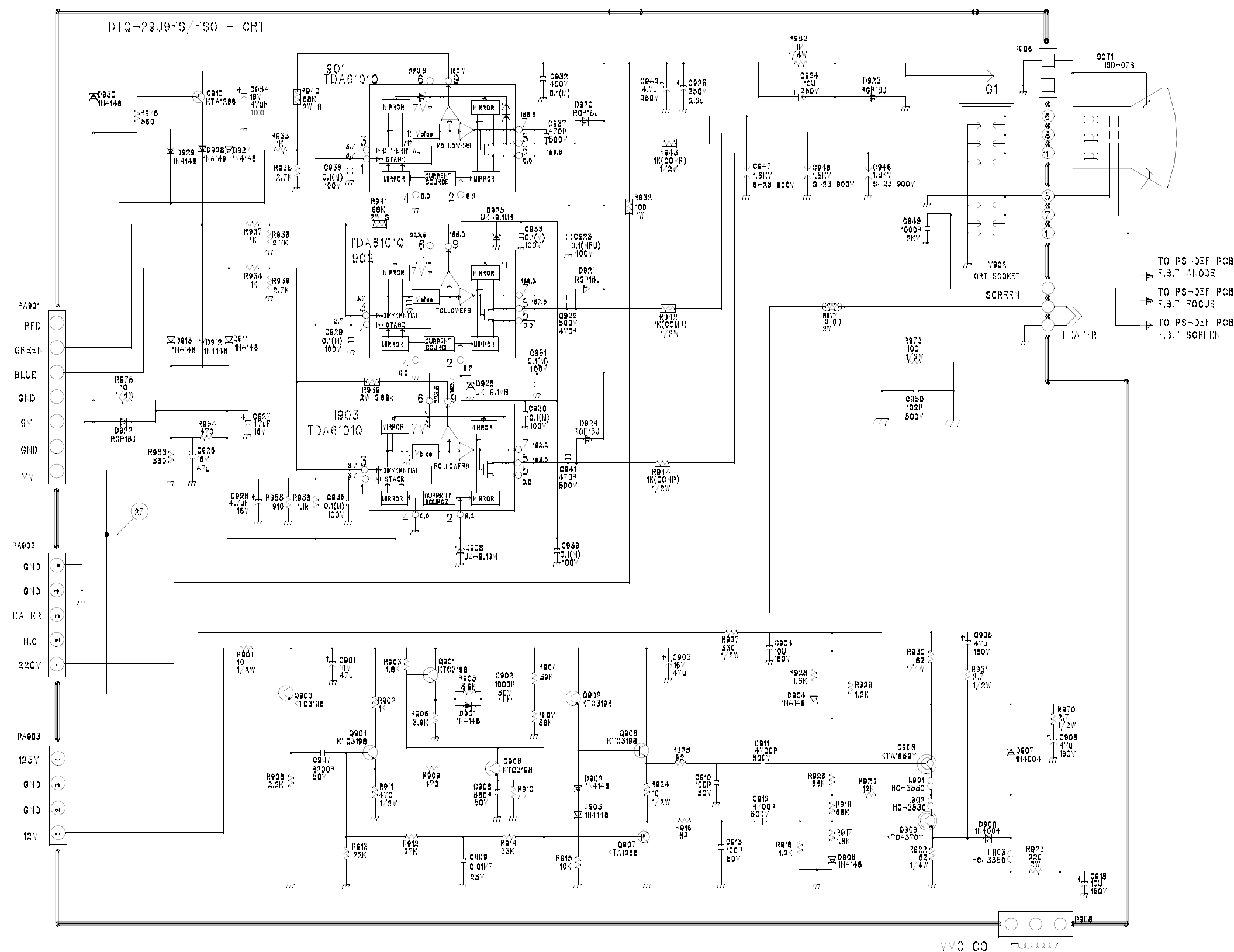
4. Block Diagram

6) DTQ-29U9FS/FS0/FSA-AV



4. Block Diagram

7) DTQ-29U9FS/FSO/FSA-CRT



IC DESCRIPTIONS

2) Block Diagram

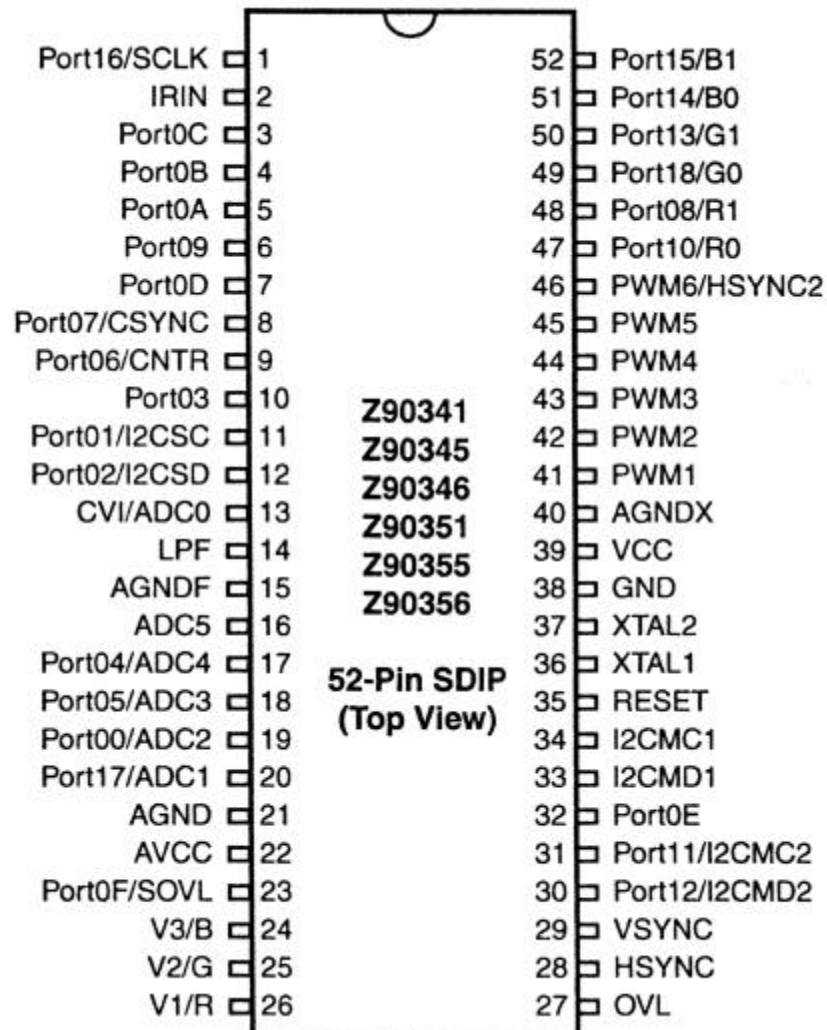
TA1222BN ADDRESS, REGISTER

	D7	D6	D5	D4	D3	D2	D1	D0
00	TEST1	UNI-COLOR						
01	BRIGHTNESS							
02	COLOR							FRESH
03	TINT							YM-SW
04	PICTURE SHARPNESS							SRT-MD
05	RGB-CONTRAST							VPDL
06	HI BRT	RGB-CONTRAST						
07	SUB COLOR					COLOR r		CLT
08	SUB CONTRAST					Yr	TX-ACL	P-MUTE
09	G DRIVE GAIN							TEST 2
0A	B DRIVE GAIN							CDE
0B	HORIZONTAL POSITION					GP-PHS	AFC-C	DAC 1
0C	R CUT OFF							
0D	G CUT OFF							
0E	B CUT OFF							
0F	R-Y PHASE		R-Y GAIN		G-Y GAIN		BLUE BACK MODE	
10	COLOR SYSTEM				C-TRAP	P/N-ID	Y-DL	DR-SW
11	VSM-PH	S-TRCK	VSM GAIN		YNR	AP-CO	OS-ACL	H-BL
12	DC TRAN POINT			DC TRAN RATE			B.S.P. LIMIT	
13	BLACK STRETCH POINT 1			BLACK STRETCH POINT 2			DC TRAN LIMIT	
14	WHITE PEAK DET CURRENT			B.L.S	B.L.C.	B.S.G.	B.D.L.	BS-ARE
15	DYNAMIC ABL POINT			DYNAMIC ABL GAIN			DAC2	
16	ABL POINT			ABL GAIN			RGB OUT MODE	
17	SERVIC	V BLK PHASE		V-FREQ		VERTICAL POSITION		
18	OSD-SL	C-SW	TOF-FO			TOF-Q		

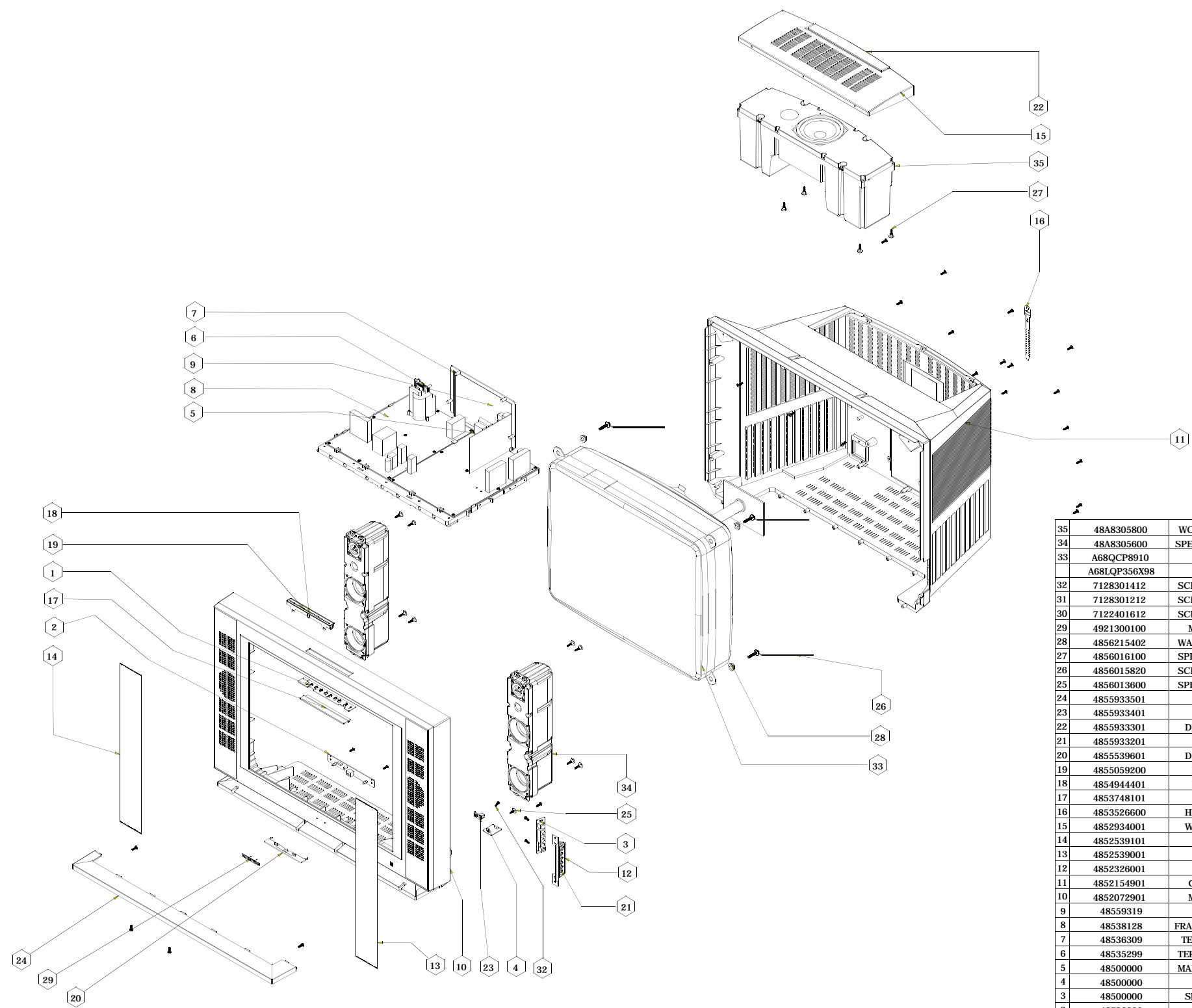
5-2. IC MI-COM

1) Pin Descriptions

Pin No.	Name	In/Out	Active Level	REMARK
1	P16	INPUT	HIGH	
2	IRIN	INPUT	LOW	REMOCON SIGNAL INPUT
3	P0C	OUTPUT	HIGH	AFT2, KEY2 ANALOG INPUT SELECTION
4	P0B	INPUT	HIGH	XRAY PROTECTION INPUT
5	P0A	OUTPUT	HIGH	AFT1, KEY1 ANALOG INPUT SELECTION
6	P09	INPUT	HIGH	ADJUSTMENT INPUT
7	P0D	INPUT	HIGH	AV3 ID
8	P08	INPUT	HIGH	AV2 ID
9	P06	INPUT	HIGH	EQUALIZER DATA READ INPUT
10	P03	INPUT	HIGH	AV1 ID
11	P01	OUTPUT	HIGH	EQUALIZER RESTART
12	P02	INPUT	HIGH	HEAD PHONE INPUT ID
13	CVI	INPUT	ANALOG	VIDEO SIGNAL INPUT
14	LPF	OUTPUT		LOW PASS FILTER
15	AGNDF	OUTPUT		ANALOG GROUND
16	ADC5	INPUT	ANALOG	LNA AGC INPUT
17	ADC4	INPUT	ANALOG	EQUALIZER LEVEL INPUT
18	ADC3	INPUT	ANALOG	LIGHT INPUT LEVEL
19	ADC2	INPUT	ANALOG	KEY INPUT 1/2
20	ADC1	INPUT	ANALOG	TUNER AFT 1/2
21	AGND			ANALOG GROUND
22	AVCC			ANALOG VCC
23	SOVL	OUTPUT	HIGH	SEMI OVERLAY, HALF-TONE OSD OUTPUT
24	B	OUTPUT	HIGH	OSD BLUE OUTPUT
25	G	OUTPUT	HIGH	OSD GREEN OUTPUT
26	R	OUTPUT	HIGH	OSD RED OUTPUT
27	OVL	OUTPUT	HIGH	OSD OVERLAY OUTPUT
28	HSYNC	INPUT	LOW	HORIZONTAL SYNCHRONIZATION SIGNAL
29	VSYNC	INPUT	LOW	VERTICAL SYNCHRONIZATION SIGNAL
30	I2CMD2	I/O	LOW	MSP3400 I2C DATA
31	I2CMC2	I/O	LOW	MSP3400 I2C CLOCK
32	P0E	OUTPUT	LOW	MSP3400 RESET
33	I2CMD1	I/O	LOW	MAIN I2C DATA
34	I2CMC1	I/O	LOW	MAIN I2C CLOCK
35	RESET	INPUT	LOW	RESET
36	XTAL1	INPUT		XTAL INPUT
37	XTAL2	OUTPUT		XTAL OUTPUT
38	GND			GROUND
39	VCC			+5V
40	GNDX			GROUND
41	PWM1	OUTPUT	HIGH	VERTICAL OFF
42	PWM2	OUTPUT	PWM	HEAD PHONE VOLUME
43	PWM3	OUTPUT	PWM	TILT CORECTION
44	PWM4	OUTPUT		NOT USED
45	PWM5	OUTPUT		NOT USED
46	PWM6	OUTPUT	HIGH	TIMER LED
47	P10	OUTPUT	HIGH	H&V POWER
48	P08	OUTPUT	HIGH	D-COIL
49	P18	OUTPUT	HIGH	MAIN POWER
50	P13	OUTPUT	HIGH	SOUND AMP. MUTE
51	P14	OUTPUT		NOT USED
52	P15	I/O	HIGH	IN : POWER ON READY, OUT : LNA ON



6. Exploded View



35	48A8305800	WOOFER SYSTEM	1	SS- 130A02 15W 80HM	
34	48A8305600	SPEAKER SYSTEM	2	SS- 80A04 15W 80HM	
33	A68QCP8910	CRT	1	ULTRA FLAT S/S CRT	DTQ- 29U9F
	A68LQP356X98			ULTRA FLAT TOSHIBA CRT	
32	7128301412	SCREW TAPPING	5	SWRM BK	
31	7128301212	SCREW TAPPING	22	SWRM BK	
30	7122401612	SCREW TAPPING	31	SWRM BK	
29	4921300100	MARK BRAND	1	AL	
28	4856215402	WASHER RUBBER	4	CR	
27	4856016100	SPECIAL SCREW	12	SWRM	
26	4856015820	SCREW_CRT_FIX	4	SWRM+SK- 5 YL	
25	4856013600	SPECIAL SCREW	1	SWRM	
24	4855933501	DECO A	1	HIPS BK	
23	4855933401	DECO EYE	1	PMMA BLUE	
22	4855933301	DECO WOOFER	1	HIPS BK	
21	4855933201	DECO AV	1	PVC T0.2	
20	4855539601	DECO SENSOR	1	ABS MILKY	
19	4855059200	DECO CTRL	1	AL T0.5	
18	4854944401	BUTTON CH	1	ABS CL + LIGHT	
17	4853748101	RETA RIB	1	HIPS bk	
16	4853526600	HOLDER CORD	1	NYLON66	
15	4852934001	WOOFER CASE	1	HIPS BK-CLOTHED	
14	4852539101	GRILL L	1	PS SHEET	
13	4852539001	GRILL R	1	PS SHEET	
12	4852326001	PANEL AV	1	HIPS BK	
11	4852154901	COVER BACK	1	HIPS BK	
10	4852072901	MASK FRONT	1	HIPS GY340A	
9	48559319	DECO TERM	1	PVC T0.25	
8	48538128	FRAME MAIN PCB	1	FR HIPS BK	
7	48536309	TERMINAL ANT	1	HIPS BK	
6	48535299	TERMINAL CORD	1	HIPS BK	
5	48500000	MAIN PCB ASSY	1	PCB ASSY	
4	48500000	EYE PCB	1	PCB ASSY	
3	48500000	SIDE AV PCB	1	PCB	
2	48500000	LED PCB	1	PCB	
1	48500000	CTRL PCB	1	PCB	
NO	PART CODE	PART NAME	QTY	MATERIAL	REMARKS

7. Service Parts List

Caution ® is recommendable spare part.

△ is safety component, so it must be used the same component.

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
JAMP WIRES	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
50	2291140501	WAX COVER		
D801C	4856215200	WASHER	SPCC	
Z801	DSVC471D14	VARISTOR	SVC471D14A	△
TU01	4859718530	TUNER VARACTOR	TELH9-087A	®
TU02	4859718830	TUNER VARACTOR	TMAH2-010A	®
ZZ100	48B4237C04	TRANSMITTER REMOCON	R-37C04	®
T802	50M5345B3-	TRANS SMPS	TSM-5345B3	△
TS801	50MST22A5-	TRANS SMPS	ST-22A5	△
T401	5TD0000018	TRANS DRIVE	THD-120	®
61	4850A01650	TRANS ANT MATCHING	YSC-MTC-030	
QC111	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QC611	T2SA812T2B	TR CHIP	2SA812-T2B	
QCP01	T2SA812T2B	TR CHIP	2SA812-T2B	
QCP02	T2SA812T2B	TR CHIP	2SA812-T2B	
QCP03	T2SA812T2B	TR CHIP	2SA812-T2B	
QCP04	T2SA812T2B	TR CHIP	2SA812-T2B	
QCP05	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QCP06	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QCP08	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QCP09	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QCP12	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QCP13	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
Q103	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
Q16	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
Q17	TKTC3881-B	TR CHIP	KTC3881	
QCA01	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QCA02	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QCA03	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QCA04	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QCA06	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QCA07	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QCA08	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QCA09	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QCA10	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QCA11	T2SA812T2B	TR CHIP	2SA812-T2B	
QCA12	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QCA13	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QCA14	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
QN100	TKTC3198Y-	TR	KTC3198Y	
Q102	TKTC3198Y-	TR	KTC3198Y	
Q110	TKTA1266Y-	TR	KTA1266Y (TP)	
Q111	TKTC3198Y-	TR	KTC3198Y	
Q112	TKTC3198Y-	TR	KTC3198Y	
Q113	TKTC3198Y-	TR	KTC3198Y	
Q114	TKTC3198Y-	TR	KTC3198Y	
Q151	TKTC3198Y-	TR	KTC3198Y	
Q152	TKTA1266Y-	TR	KTA1266Y (TP)	
Q205	TKTC3198Y-	TR	KTC3198Y	
Q210	TKTC3198Y-	TR	KTC3198Y	
Q211	TKTC3198Y-	TR	KTC3198Y	
Q212	TKTC3198Y-	TR	KTC3198Y	
Q213	TKTC3198Y-	TR	KTC3198Y	
Q501	TKTC3198Y-	TR	KTC3198Y	
Q601	TKTC3198Y-	TR	KTC3198Y	
Q603	TKTC3198Y-	TR	KTC3198Y	
Q605	TKTC3198Y-	TR	KTC3198Y	
Q606	TKTC3198Y-	TR	KTC3198Y	
Q702	TKTC3198Y-	TR	KTC3198Y	
Q703	TKTA1266Y-	TR	KTA1266Y (TP)	
Q705	TKTA1266Y-	TR	KTA1266Y (TP)	
Q706	TKTC3198Y-	TR	KTC3198Y	
Q707	TKTC3198Y-	TR	KTC3198Y	
Q708	TKTA1266Y-	TR	KTA1266Y (TP)	
Q709	TKTC3198Y-	TR	KTC3198Y	
Q711	TKTC3198Y-	TR	KTC3198Y	
Q716	TKTC3198Y-	TR	KTC3198Y	
Q720	TKTA1266Y-	TR	KTA1266Y (TP)	
Q402	T2SD2553--	TR	2SD2553	
Q404	TKTC3208--	TR	KTC3208	
Q405	T2SC2688L-	TR	2SC2688-L	

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
1	T2SB546K--	TR	2SB546-K	
Q801	TKTD1414--	TR	KTD1414	
Q806	TKTA968AY-	TR	KTA968AY	
Q401	TKTC3198Y-	TR	KTC3198Y	
Q802	TKTC3198Y-	TR	KTC3198Y	
Q803	TKTC3203Y-	TR	KTC3203-Y	
Q808	TKTC3203Y-	TR	KTC3203-Y	
QS807	TKTC3203Y-	TR	KTC3203-Y	
1	TKTA1659AY	TR	KTA1659AY	
001--	TKTC4370AY	TR	KTC4370AY	
Q901	TKTC3198Y-	TR	KTC3198Y	
Q902	TKTC3198Y-	TR	KTC3198Y	
Q903	TKTC3198Y-	TR	KTC3198Y	
Q904	TKTC3198Y-	TR	KTC3198Y	
Q905	TKTC3198Y-	TR	KTC3198Y	
Q906	TKTC3198Y-	TR	KTC3198Y	
Q907	TKTA1266Y-	TR	KTA1266Y (TP)	
Q910	TKTA1266Y-	TR	KTA1266Y (TP)	
M681	4856812001	TIE CABLE	NYLON66 DA100	
M681	4856812001	TIE CABLE	NYLON66 DA100	
M361	4850813000	TERMINAL ANT AS	3630901+5931900	
PW001	4857417700	TERM CLAMP	PT-01-T3	
SW01	5S50101290	SW TACT	SKHV10910A	
SW02	5S50101290	SW TACT	SKHV10910A	
SW03	5S50101290	SW TACT	SKHV10910A	
SW04	5S50101290	SW TACT	SKHV10910A	
SW05	5S50101290	SW TACT	SKHV10910A	
SW06	5S50101290	SW TACT	SKHV10910A	
SW07	5S50101290	SW TACT	SKHV10910A	
SW08	5S50101290	SW TACT	SKHV10910A	
SW09	5S50101290	SW TACT	SKHV10910A	
Y801	5SC0101325	SW RELAY	HR-CR7 DC12V	
YS802	5SC0101325	SW RELAY	HR-CR7 DC12V	
SP01	48A8305200	SPEAKER SYSTEM	SS-40110F01 15W 8 OHM	®
C946	4SG0D000103	SPARK GAP	S-23 900V-1.5KV	
C947	4SG0D000103	SPARK GAP	S-23 900V-1.5KV	
C948	4SG0D000103	SPARK GAP	S-23 900V-1.5KV	
SCT1	4859303130	SOCKET CRT	PCS628-05B	®
M721	4857236500	SHIELD COVER	ET(DG) T0.25	
X471	4850L02310	RESONATOR CERA	CSB503F30	
XP04	4850L00410	RESONATOR CERA	CSB503F2	
R844	RW02Z418F-	R WIRE WOUND	2W 0.41 OHM F	
R150	RV5426202P	R SEMI FIXED	EVN-DJAA03B 2K OHM	
R102	RV4121502P	R SEMI FIXED	NVZ6THT 5K OHM	
R14	RV4121103P	R SEMI FIXED	NVZ6THT 10K OHM	
R133	RS01Z270J-	R M-OXIDE FILM	1W 27 OHM J (TAPPING)	
R318	RS02Z561J-	R M-OXIDE FILM	2W 560 OHM J (TAPPING)	
R322	RS02Z102JS	R M-OXIDE FILM	2W 1K OHM J SMALL	
R401	RS02Z332JS	R M-OXIDE FILM	2W 3.3K OHM J SMALL	
R403	RS02Z102JS	R M-OXIDE FILM	2W 1K OHM J SMALL	
R411	RS02Z153JS	R M-OXIDE FILM	2W 15K OHM J SMALL	
R803	RS02Z180JS	R M-OXIDE FILM	2W 18 OHM J SMALL	
R814	RS02Z180JS	R M-OXIDE FILM	2W 18 OHM J SMALL	
R815	RS02Z153JS	R M-OXIDE FILM	2W 15K OHM J SMALL	
R816	RS02Z153JS	R M-OXIDE FILM	2W 15K OHM J SMALL	
R818	RS02Z680JS	R M-OXIDE FILM	2W 68 OHM J SMALL	
R824	RS02Z102JS	R M-OXIDE FILM	2W 1K OHM J SMALL	
R831	RS02Z129JS	R M-OXIDE FILM	2W 1.2 OHM J SMALL	
R837	RS01Z220J-	R M-OXIDE FILM	1W 22 OHM J (TAPPING)	
R851	RS01Z101J-	R M-OXIDE FILM	1W 100 OHM J (TAPPING)	
R923	RS02Y221J-	R M-OXIDE FILM	2W 220 OHM J	
R932	RS01Y101J-	R M-OXIDE FILM	1W 100 OHM J	
R939	RS02Y683JS	R M-OXIDE FILM	2W 68K OHM J SMALL	
R940	RS02Y683JS	R M-OXIDE FILM	2W 68K OHM J SMALL	
R941	RS02Y683JS	R M-OXIDE FILM	2W 68K OHM J SMALL	
R813	RM02Y158J-	R METAL FLAT	2W 0.15 OHM J	

Service Parts List

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
R753	RN-AZ4701F	R METAL FILM	1/6 4.7K OHM F	
R754	RN-AZ4701F	R METAL FILM	1/6 4.7K OHM F	
R755	RN-AZ4701F	R METAL FILM	1/6 4.7K OHM F	
R756	RN-AZ1502F	R METAL FILM	1/6 15K OHM F	
R757	RN-AZ1502F	R METAL FILM	1/6 15K OHM F	
R758	RN-AZ1502F	R METAL FILM	1/6 15K OHM F	
R782	RN-AZ1002F	R METAL FILM	1/6 10K OHM F	
R308	RN02B189JS	R METAL FILM	2W 1.8 OHM J SMALL	
R311	RN02B189JS	R METAL FILM	2W 1.8 OHM J SMALL	
R319	RN02B391JS	R METAL FILM	2W 390 OHM J SMALL	
R405	RN02B472JS	R METAL FILM	2W 4.7K OHM J SMALL	
R427	RN02B102JS	R METAL FILM	2W 1K OHM J SMALL	
R822	RN02B109JS	R METAL FILM	2W 1 OHM J SMALL	
R825	RN02B129JS	R METAL FILM	2W 1.2 OHM J SMALL	
R850	RN02B109JS	R METAL FILM	2W 1 OHM J SMALL	
RS820	RN02B220JS	R METAL FILM	2W 22 OHM J SMALL	
R321	RN-4Z1502F	R METAL FILM	1/4 15K OHM F	
R408	RN-4Z1002F	R METAL FILM	1/4 10K OHM F	
R409	RN-4Z2202F	R METAL FILM	1/4 22K OHM F	
R842	RN-4Z4701F	R METAL FILM	1/4 4.7K OHM F	
R843	RN-4Z6202F	R METAL FILM	1/4 62.0K OHM F	
R847	RN-4Z6202F	R METAL FILM	1/4 62.0K OHM F	
R420	RF02Z228K-	R FUSIBLE	2W 0.22 OHM K (TAPPING)	
R426	RF02Z479J-	R FUSIBLE	2W 4.7 OHM J (TAPPING)	
R434	RF02Z339J-	R FUSIBLE	2W 3.3 OHM J	
R440	RF02Z479J-	R FUSIBLE	2W 4.7 OHM J (TAPPING)	
R445	RF01Z188K-	R FUSIBLE	1W 0.18 OHM K (TAPPING)	
R820	RF02Z278K-	R FUSIBLE	2W 0.27 OHM K (TAPPING)	
R823	RF02Z278K-	R FUSIBLE	2W 0.27 OHM K (TAPPING)	
R826	RF02Z278K-	R FUSIBLE	2W 0.27 OHM K (TAPPING)	
R832	RF02Z228K-	R FUSIBLE	2W 0.22 OHM K (TAPPING)	
R867	RF02Z228K-	R FUSIBLE	2W 0.22 OHM K (TAPPING)	
R927	RF-2Y331J-	R FUSIBLE	1/2W 330 OHM J	
CC111	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
RC104	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC107	HRFT123JCA	R CHIP	1/10 12K OHM J 2012	
RC109	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC110	HRFT561JCA	R CHIP	1/10 560 OHM J 2012	
RC111	HRFT561JCA	R CHIP	1/10 560 OHM J 2012	
RC116	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC136	HRFT333JCA	R CHIP	1/10 33K OHM J 2012	
RC137	HRFT123JCA	R CHIP	1/10 12K OHM J 2012	
RC141	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC143	HRFT333JCA	R CHIP	1/10 33K OHM J 2012	
RC144	HRFT152JCA	R CHIP	1/10 1.5K OHM J 2012	
RC151	HRFT272JCA	R CHIP	1/10 2.7K OHM J 2012	
RC152	HRFT622JCA	R CHIP	1/10 6.2K OHM J 2012	
RC153	HRFT561JCA	R CHIP	1/10 560 OHM J 2012	
RC154	HRFT471JCA	R CHIP	1/10 470 OHM J 2012	
RC155	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC161	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC201	HRFT471JCA	R CHIP	1/10 470 OHM J 2012	
RC202	HRFT471JCA	R CHIP	1/10 470 OHM J 2012	
RC203	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC207	HRFT223JCA	R CHIP	1/10 22K OHM J 2012	
RC212	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC213	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RC223	HRFT105JCA	R CHIP	1/10 1M OHM J 2012	
RC246	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC275	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
RC276	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
RC471	HRFT391JCA	R CHIP	1/10 390 OHM J 2012	
RC472	HRFT302JCA	R CHIP	1/10 3K OHM J 2012	
RC500	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	
RC502	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC503	HRFT221JCA	R CHIP	1/10 220 OHM J 2012	
RC504	HRFT223JCA	R CHIP	1/10 22K OHM J 2012	
RC506	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC555	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC631	HRFT104JCA	R CHIP	1/10 100K OHM J 2012	
RC633	HRFT104JCA	R CHIP	1/10 100K OHM J 2012	
RC659	HRFT473JCA	R CHIP	1/10 47K OHM J 2012	
RC660	HRFT133JCA	R CHIP	1/10 13K OHM J 2012	

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
RC661	HRFT622JCA	R CHIP	1/10 6.2K OHM J 2012	
RC662	HRFT432JCA	R CHIP	1/10 4.3K OHM J 2012	
RC665	HRFT272JCA	R CHIP	1/10 2.7K OHM J 2012	
RC666	HRFT473JCA	R CHIP	1/10 47K OHM J 2012	
RC669	HRFT122JCA	R CHIP	1/10 1.2K OHM J 2012	
RC670	HRFT122JCA	R CHIP	1/10 1.2K OHM J 2012	
RC671	HRFT563JCA	R CHIP	1/10 56K OHM J 2012	
RC674	HRFT333JCA	R CHIP	1/10 33K OHM J 2012	
RC675	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	
RC677	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012	
RC678	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012	
RC679	HRFT122JCA	R CHIP	1/10 1.2K OHM J 2012	
RC680	HRFT122JCA	R CHIP	1/10 1.2K OHM J 2012	
RC687	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	
RC688	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012	
RC709	HRFT106JCA	R CHIP	1/10 10M OHM J 2012	
RC710	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	
RC711	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	
RC715	HRFT622JCA	R CHIP	1/10 6.2K OHM J 2012	
RC722	HRFT204JCA	R CHIP	1/10 200K OHM J 2012	
RC733	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RC734	HRFT123JCA	R CHIP	1/10 12K OHM J 2012	
RC736	HRFT683JCA	R CHIP	1/10 68K OHM J 2012	
RC748	HRFT512JCA	R CHIP	1/10 5.1K OHM J 2012	
RC749	HRFT272JCA	R CHIP	1/10 2.7K OHM J 2012	
RC752	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	
RC766	HRFT511JCA	R CHIP	1/10 510 OHM J 2012	
RC785	HRFT683JCA	R CHIP	1/10 68K OHM J 2012	
RC786	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
RC790	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
RCP01	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCP02	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCP03	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	
RCP04	HRFT332JCA	R CHIP	1/10 3.3K OHM J 2012	
RCP05	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012	
RCP07	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCP08	HRFT622JCA	R CHIP	1/10 6.2K OHM J 2012	
RCP13	HRFT822JCA	R CHIP	1/10 8.2K OHM J 2012	
RCP14	HRFT221JCA	R CHIP	1/10 220 OHM J 2012	
RCP15	HRFT821JCA	R CHIP	1/10 820 OHM J 2012	
RCP16	HRFT331JCA	R CHIP	1/10 330 OHM J 2012	
RCP17	HRFT153JCA	R CHIP	1/10 15K OHM J 2012	
RCP18	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCP19	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCP23	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCP24	HRFT221JCA	R CHIP	1/10 220 OHM J 2012	
RCP25	HRFT104JCA	R CHIP	1/10 100K OHM J 2012	
RCP26	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCP27	HRFT202JCA	R CHIP	1/10 2K OHM J 2012	
RCP28	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCP29	HRFT202JCA	R CHIP	1/10 2K OHM J 2012	
RCP30	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCP31	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCP32	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCP33	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCP34	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCP35	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCP36	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCP37	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCP45	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCP46	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCP47	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCP48	HRFT152JCA	R CHIP	1/10 1.5K OHM J 2012	
RCP52	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCP54	HRFT393JCA	R CHIP	1/10 39K OHM J 2012	
RCP55	HRFT393JCA	R CHIP	1/10 39K OHM J 2012	
RCP56	HRFT393JCA	R CHIP	1/10 39K OHM J 2012	
RCP60	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCP63	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCP64	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCP65	HRFT202JCA	R CHIP	1/10 2K OHM J 2012	
RCP67	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCP68	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	

Service Parts List

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
RCP69	HRFT752JCA	R CHIP	1/10 7.5K OHM J 2012	
RCP70	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	
RCP71	HRFT912JCA	R CHIP	1/10 9.1K OHM J 2012	
RCP72	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
J1	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
J12	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
J13	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
J14	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
J2	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
J3	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
J4	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
J7	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
J8	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
R069	HRFT181JCA	R CHIP	1/10 180 OHM J 2012	
R105	HRFT471JCA	R CHIP	1/10 470 OHM J 2012	
R106	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
R107	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
R111	HRFT471JCA	R CHIP	1/10 470 OHM J 2012	
R112	HRFT752JCA	R CHIP	1/10 7.5K OHM J 2012	
R113	HRFT182JCA	R CHIP	1/10 1.8K OHM J 2012	
R114	HRFT680JCA	R CHIP	1/10 68 OHM J 2012	
R115	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	
R116	HRFT122JCA	R CHIP	1/10 1.2K OHM J 2012	
R117	HRFT152JCA	R CHIP	1/10 1.5K OHM J 2012	
R118	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
R119	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
R120	HRFT221JCA	R CHIP	1/10 220 OHM J 2012	
R121	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
R122	HRFT271JCA	R CHIP	1/10 270 OHM J 2012	
R123	HRFT471JCA	R CHIP	1/10 470 OHM J 2012	
R124	HRFT114JCA	R CHIP	1/10 110K OHM J 2012	
R127	HRFT512JCA	R CHIP	1/10 5.1K OHM J 2012	
R128	HRFT682JCA	R CHIP	1/10 6.8K OHM J 2012	
R13	HRFT682JCA	R CHIP	1/10 6.8K OHM J 2012	
R135	HRFT114JCA	R CHIP	1/10 110K OHM J 2012	
R153	HRFT201JCA	R CHIP	1/10 200 OHM J 2012	
R17	HRFT334JCA	R CHIP	1/10 330K OHM J 2012	
R19	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC110	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	
RC124	HRFT302JCA	R CHIP	1/10 3K OHM J 2012	
JCA01	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
JCA02	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
RA99	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
RCA01	HRFT392JCA	R CHIP	1/10 3.9K OHM J 2012	
RCA02	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	
RCA03	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCA05	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	
RCA06	HRFT821JCA	R CHIP	1/10 820 OHM J 2012	
RCA07	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	
RCA08	HRFT682JCA	R CHIP	1/10 6.8K OHM J 2012	
RCA09	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	
RCA10	HRFT203JCA	R CHIP	1/10 20K OHM J 2012	
RCA11	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	
RCA12	HRFT243JCA	R CHIP	1/10 24K OHM J 2012	
RCA13	HRFT223JCA	R CHIP	1/10 22K OHM J 2012	
RCA14	HRFT152JCA	R CHIP	1/10 1.5K OHM J 2012	
RCA15	HRFT152JCA	R CHIP	1/10 1.5K OHM J 2012	
RCA16	HRFT471JCA	R CHIP	1/10 470 OHM J 2012	
RCA17	HRFT392JCA	R CHIP	1/10 3.9K OHM J 2012	
RCA18	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCA22	HRFT514JCA	R CHIP	1/10 510K OHM J 2012	
RCA24	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCA25	HRFT821JCA	R CHIP	1/10 820 OHM J 2012	
RCA27	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCA28	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
RCA29	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCA30	HRFT821JCA	R CHIP	1/10 820 OHM J 2012	
RCA31	HRFT392JCA	R CHIP	1/10 3.9K OHM J 2012	
RCA32	HRFT182JCA	R CHIP	1/10 1.8K OHM J 2012	
RCA33	HRFT302JCA	R CHIP	1/10 3K OHM J 2012	
RCA34	HRFT224JCA	R CHIP	1/10 220K OHM J 2012	
RCA35	HRFT224JCA	R CHIP	1/10 220K OHM J 2012	
RCA36	HRFT243JCA	R CHIP	1/10 24K OHM J 2012	

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
RCA37	HRFT302JCA	R CHIP	1/10 3K OHM J 2012	
RCA38	HRFT224JCA	R CHIP	1/10 220K OHM J 2012	
RCA39	HRFT224JCA	R CHIP	1/10 220K OHM J 2012	
RCA40	HRFT104JCA	R CHIP	1/10 100K OHM J 2012	
RCA41	HRFT224JCA	R CHIP	1/10 220K OHM J 2012	
RCA42	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCA43	HRFT241JCA	R CHIP	1/10 240 OHM J 2012	
RCA44	HRFT223JCA	R CHIP	1/10 22K OHM J 2012	
RCA45	HRFT241JCA	R CHIP	1/10 240 OHM J 2012	
RCA46	HRFT750JCA	R CHIP	1/10 75 OHM J 2012	
RCA47	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCA48	HRFT224JCA	R CHIP	1/10 220K OHM J 2012	
RCA49	HRFT224JCA	R CHIP	1/10 220K OHM J 2012	
RCA50	HRFT750JCA	R CHIP	1/10 75 OHM J 2012	
RCA51	HRFT223JCA	R CHIP	1/10 22K OHM J 2012	
RCA52	HRFT750JCA	R CHIP	1/10 75 OHM J 2012	
RCA53	HRFT750JCA	R CHIP	1/10 75 OHM J 2012	
RCA55	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCA56	HRFT243JCA	R CHIP	1/10 24K OHM J 2012	
RCA57	HRFT243JCA	R CHIP	1/10 24K OHM J 2012	
RCA58	HRFT331JCA	R CHIP	1/10 330 OHM J 2012	
RCA59	HRFT151JCA	R CHIP	1/10 150 OHM J 2012	
RCA60	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCA61	HRFT750JCA	R CHIP	1/10 75 OHM J 2012	
RCA62	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCA63	HRFT224JCA	R CHIP	1/10 220K OHM J 2012	
RCA64	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCA65	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCA66	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCA67	HRFT243JCA	R CHIP	1/10 24K OHM J 2012	
RCA68	HRFT243JCA	R CHIP	1/10 24K OHM J 2012	
RCA69	HRFT750JCA	R CHIP	1/10 75 OHM J 2012	
RCA70	HRFT750JCA	R CHIP	1/10 75 OHM J 2012	
RCA71	HRFT750JCA	R CHIP	1/10 75 OHM J 2012	
RCA72	HRFT243JCA	R CHIP	1/10 24K OHM J 2012	
RCA73	HRFT750JCA	R CHIP	1/10 75 OHM J 2012	
RCA74	HRFT243JCA	R CHIP	1/10 24K OHM J 2012	
RCA75	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
RCA76	HRFT331JCA	R CHIP	1/10 330 OHM J 2012	
RCA77	HRFT473JCA	R CHIP	1/10 47K OHM J 2012	
RCA78	HRFT223JCA	R CHIP	1/10 22K OHM J 2012	
RCA79	HRFT750JCA	R CHIP	1/10 75 OHM J 2012	
RCA80	HRFT223JCA	R CHIP	1/10 22K OHM J 2012	
RCA81	HRFT223JCA	R CHIP	1/10 22K OHM J 2012	
RCA83	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCA84	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCA85	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCA86	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCA88	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RCA90	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RCA96	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
RCA97	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
R406	RX05B222JN	R CEMENT	5W 2.2K OHM J 15MM 4P	
R819	RX15B828JN	R CEMENT	15W 0.82 OHM J BENCH 4P	
RF01	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RF02	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RF03	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	
RF04	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	
RF05	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
RF06	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J	
RF08	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	
RF10	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J	
RF11	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
RF13	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	
RN100	RD-AZ163J-	R CARBON FILM	1/6 16K OHM J	
RN103	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RN104	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
RN105	RD-AZ682J-	R CARBON FILM	1/6 6.8K OHM J	
RN106	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RN107	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RN108	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
RN109	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	

Service Parts List

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
RN111	RD-AZ163J-	R CARBON FILM	1/6 16K OHM J	
RN112	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
RN113	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
RN115	RD-AZ163J-	R CARBON FILM	1/6 16K OHM J	
RN117	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
RN118	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
RN201	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
RN202	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
RN203	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
RN204	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
RN205	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	
J026	RD-AZ100J-	R CARBON FILM	1/4 10 OHM J	
J034	RD-AZ689J-	R CARBON FILM	1/4 6.8 OHM J	
R103	RD-AZ822J-	R CARBON FILM	1/6 8.2K OHM J	
R104	RD-2Z752J-	R CARBON FILM	1/2 7.5K OHM J	
R105	RD-2Z752J-	R CARBON FILM	1/2 7.5K OHM J	
R107	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R108	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R109	RD-AZ431J-	R CARBON FILM	1/6 430 OHM J	
R112	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	
R113	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	
R115	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
R120	RD-4Z470J-	R CARBON FILM	1/4 47 OHM J	
R135	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R137	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R138	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R140	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R145	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R203	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R208	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R210	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R214	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R215	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	
R216	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R217	RD-AZ120J-	R CARBON FILM	1/6 12 OHM J	
R218	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R219	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R220	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R221	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R222	RD-AZ132J-	R CARBON FILM	1/6 1.3K OHM J	
R223	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R226	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R230	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R240	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R241	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R242	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R243	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R244	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R245	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R260	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R261	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R262	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R471	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	
R473	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R500	RD-2Z100J-	R CARBON FILM	1/2 10 OHM J	
R505	RD-AZ302J-	R CARBON FILM	1/6 3K OHM J	
R506	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R600	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R601	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R604	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R605	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R606	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R607	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R608	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R609	RD-AZ471J-	R CARBON FILM	1/4 470 OHM J	
R610	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R612	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J	
R613	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R614	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J	
R615	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R616	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R619	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R620	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
R623	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R624	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R625	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R628	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R629	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R630	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R641	RD-AZ121J-	R CARBON FILM	1/6 120 OHM J	
R642	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R644	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R645	RD-AZ910J-	R CARBON FILM	1/4 91 OHM J	
R652	RD-AZ101J-	R CARBON FILM	1/4 100 OHM J	
R659	RD-AZ100J-	R CARBON FILM	1/4 10 OHM J	
R661	RD-AZ912J-	R CARBON FILM	1/6 9.1K OHM J	
R663	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R664	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R666	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
R667	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
R668	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R676	RD-AZ221J-	R CARBON FILM	1/4 220 OHM J	
R677	RD-AZ104J-	R CARBON FILM	1/4 100K OHM J	
R678	RD-AZ221J-	R CARBON FILM	1/4 220 OHM J	
R679	RD-AZ104J-	R CARBON FILM	1/4 100K OHM J	
R680	RD-AZ100J-	R CARBON FILM	1/4 10 OHM J	
R689	RD-AZ229J-	R CARBON FILM	1/4 2.2 OHM J	
R691	RD-AZ229J-	R CARBON FILM	1/4 2.2 OHM J	
R700	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R701	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R702	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R703	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R704	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R705	RD-AZ433J-	R CARBON FILM	1/6 43K OHM J	
R707	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R708	RD-AZ564J-	R CARBON FILM	1/6 560K OHM J	
R709	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R710	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R712	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R713	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	
R715	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R716	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R717	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R718	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R719	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R720	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	
R721	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R722	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	
R723	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R724	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R725	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R737	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R740	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	
R741	RD-AZ622J-	R CARBON FILM	1/6 6.2K OHM J	
R742	RD-AZ622J-	R CARBON FILM	1/6 6.2K OHM J	
R743	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R744	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R745	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R746	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R747	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R751	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R759	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	
R761	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R763	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R767	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R771	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	
R772	RD-AZ243J-	R CARBON FILM	1/6 24K OHM J	
R776	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R777	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	
R783	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R784	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R785	RD-AZ513J-	R CARBON FILM	1/6 51K OHM J	
R786	RD-AZ203J-	R CARBON FILM	1/6 20K OHM J	
R787	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J	
R788	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	
R789	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	

Service Parts List

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
R790	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R791	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J	
R792	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R793	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R794	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R797	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R799	RD-AZ622J-	R CARBON FILM	1/6 6.2K OHM J	
R301	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	
R304	RD-4Z514J-	R CARBON FILM	1/4 510K OHM J	
R305	RD-4Z823J-	R CARBON FILM	1/4 82K OHM J	
R306	RD-4Z683J-	R CARBON FILM	1/4 68K OHM J	
R307	RD-4Z273J-	R CARBON FILM	1/4 27K OHM J	
R315	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	
R402	RD-4Z622J-	R CARBON FILM	1/4 6.2K OHM J	
R404	RD-4Z331J-	R CARBON FILM	1/4 330 OHM J	
R412	RD-4Z822J-	R CARBON FILM	1/4 8.2K OHM J	
R415	RD-4Z203J-	R CARBON FILM	1/4 20K OHM J	
R416	RD-4Z103J-	R CARBON FILM	1/4 10K OHM J	
R417	RD-4Z682J-	R CARBON FILM	1/4 6.8K OHM J	
R418	RD-4Z362J-	R CARBON FILM	1/4 3.6K OHM J	
R421	RD-4Z222J-	R CARBON FILM	1/4 2.2K OHM J	
R428	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J	
R430	RD-4Z163J-	R CARBON FILM	1/4 16K OHM J	
R433	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	
R435	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	
R438	RD-2Z102J-	R CARBON FILM	1/2 1K OHM J	
R439	RD-4Z271J-	R CARBON FILM	1/4 270 OHM J	
R447	RD-4Z470J-	R CARBON FILM	1/4 47 OHM J	
R448	RD-4Z153J-	R CARBON FILM	1/4 15K OHM J	
R450	RD-4Z203J-	R CARBON FILM	1/4 20K OHM J	
R451	RD-4Z153J-	R CARBON FILM	1/4 15K OHM J	
R452	RD-4Z223J-	R CARBON FILM	1/4 22K OHM J	
R490	RD-4Z330J-	R CARBON FILM	1/4 33 OHM J	
R804	RD-2Z514J-	R CARBON FILM	1/2 510K OHM J	
R806	RD-4Z153J-	R CARBON FILM	1/4 15K OHM J	
R809	RD-2Z103J-	R CARBON FILM	1/2 10K OHM J	
R811	RD-4Z182J-	R CARBON FILM	1/4 1.8K OHM J	
R812	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	
R817	RD-4Z202J-	R CARBON FILM	1/4 2K OHM J	
R827	RD-4Z820J-	R CARBON FILM	1/4 82 OHM J	
R828	RD-4Z272J-	R CARBON FILM	1/4 2.7K OHM J	
R834	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	
R835	RD-4Z432J-	R CARBON FILM	1/4 4.3K OHM J	
R836	RD-4Z100J-	R CARBON FILM	1/4 10 OHM J	
R854	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R855	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	
R868	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	
R869	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R870	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R871	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
RS821	RD-4Z470J-	R CARBON FILM	1/4 47 OHM J	
RS848	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
RS849	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	
R901	RD-2Z100J-	R CARBON FILM	1/2 10 OHM J	
R902	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R903	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J	
R904	RD-AZ393J-	R CARBON FILM	1/6 39K OHM J	
R905	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J	
R906	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J	
R907	RD-AZ563J-	R CARBON FILM	1/6 56K OHM J	
R908	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
R909	RD-AZ471J-	R CARBON FILM	1/6 470 OHM J	
R910	RD-AZ470J-	R CARBON FILM	1/6 47 OHM J	
R911	RD-2Z471J-	R CARBON FILM	1/2 470 OHM J	
R912	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J	
R913	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	
R914	RD-AZ333J-	R CARBON FILM	1/6 33K OHM J	
R915	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R916	RD-AZ820J-	R CARBON FILM	1/6 82 OHM J	
R917	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	
R918	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J	
R919	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	
R920	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
R922	RD-4Z620J-	R CARBON FILM	1/4 62 OHM J	
R924	RD-2Z100J-	R CARBON FILM	1/2 10 OHM J	
R925	RD-AZ820J-	R CARBON FILM	1/6 82 OHM J	
R926	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	
R928	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	
R929	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J	
R930	RD-4Z620J-	R CARBON FILM	1/4 62 OHM J	
R931	RD-2Z279J-	R CARBON FILM	1/2 2.7 OHM J	
R933	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R934	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R935	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J	
R936	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J	
R937	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R938	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J	
R952	RD-4Z105J-	R CARBON FILM	1/4 1M OHM J	
R953	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	
R954	RD-AZ471J-	R CARBON FILM	1/6 470 OHM J	
R955	RD-AZ911J-	R CARBON FILM	1/6 910 OHM J	
R956	RD-AZ112J-	R CARBON FILM	1/6 1.1K OHM J	
R970	RD-2Z279J-	R CARBON FILM	1/2 2.7 OHM J	
R973	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J	
R975	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J	
R976	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	
RA01	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RA02	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	
RA03	RD-AZ243J-	R CARBON FILM	1/6 24K OHM J	
RA04	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RA05	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RA06	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RA07	RD-AZ243J-	R CARBON FILM	1/6 24K OHM J	
RA08	RD-AZ243J-	R CARBON FILM	1/6 24K OHM J	
RA11	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RA12	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RA13	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RA14	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RA15	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RA16	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RA17	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RA18	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RA21	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RA23	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
RA24	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
RA25	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J	
RA26	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J	
RA39	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
RP865	RC-2Z275KP	R CARBON COMP	1/2 2.7M OHM K	
RP866	RC-2Z275KP	R CARBON COMP	1/2 2.7M OHM K	
RP867	RC-2Z565KP	R CARBON COMP	1/2 5.6M OHM K	
R942	RC-2Z102K-	R CARBON COMP	1/2 1K OHM K	
R943	RC-2Z102K-	R CARBON COMP	1/2 1K OHM K	
R944	RC-2Z102K-	R CARBON COMP	1/2 1K OHM K	
R801	DDC7R0M290	POSISTOR	ECPCD7R0M290	
TU01A	4859003750	PLUG PHONE AS	PLUG+CABLE 1365AWG26=150B	
TU02A	4859003750	PLUG PHONE AS	PLUG+CABLE 1365AWG26=150B	
ZZ202	PTUNSWJ780	PCB UNION AS	DTQ-34Z9FS	
A001	4859805260	PCB UNION	239X109(239X246/2)S1B	
ZZ300	PTPWMSJ809	PCB POWER MANUAL AS	DTQ-34Z9FC	
A001	4859812511	PCB POWER	330X246 S1B	
ZZ400	PTPMSJ780	PCB PIP MANUAL AS	DTQ-34Z9FS	
A001	4859810324	PCB PIP	246X247 H2V	
ZZ290	PTMPMSJ809	PCB MAIN MANUAL AS	DTQ-34Z9FC	
A001	4859811391	PCB MAIN	330X246 S1B	
ZZ500	PT1FMSJ780	PCB IF MANUAL AS	DTQ-34Z9FS	
A001	4859800512	PCB IF	55X57.5(174.5X246/9)D1B	
ZZ600	PTCPMSJ809	PCB CRT MANUAL AS	DTQ-34Z9FC	
A001	4859826513	PCB CRT	155X110(330X246/4)S1B	

Service Parts List

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
A001	4859809316	PCB AV	165X114(330X246/4)S1B	
ZZ700	PTAVMSJ734	PCB A/V MANUAL AS	DTQ-29U9	
LNA1	4850M01810	MODULE RF	PH-RF-9504	
M201	4852069700	MASK FRONT	FR HIPS BK	
60	48586789K1	MANUAL INSTRUCTION	DTQ-29X9	
DF01	DKLR114L--	LED	KLR114L	
DF02	DKLG114L--	LED	KLK-114L	
L101	HLC680K01A	L CHIP COIL	68UH K MLF3216	
L102	HLC478K01A	L CHIP COIL	0.47UH K MLF3216	
L103	HLC680K01A	L CHIP COIL	68UH K MLF3216	
L111	HLC150K01A	L CHIP COIL	15UH K MLF3216	
L199	HLC150K01A	L CHIP COIL	15UH K MLF3216	
JP07	4859105340	JACK S-VHS	YKF51-5359	
JP02	4859106440	JACK S-VHS	PH-SJ-9503	
JP06	4859105450	JACK PIN BOARD	YSC03P-4120-9S	
JP01	4859108850	JACK PIN BOARD	PH-JB-9512	
JP05	4859105240	JACK PHONO	LGT1516-0100	
1	1TDA6101Q-	IC VIDEO AMP	TDA6101Q	
1	1TDA6101Q-	IC VIDEO AMP	TDA6101Q	
1	1TDA6101Q-	IC VIDEO AMP	TDA6101Q	
I201	1TA1222BN-	IC VIDEO	TA1222BN	
I4	1M52014SP-	IC VIDEO	M52014SP	
IA01	1CXA1855S-	IC SWITCH	CXA1855S	
IS807	1TOP210---	IC STAND BY	TOP210	
IA02	1TC90A13N-	IC SEPARATOR	TC90A13N	
I203	1K78R09---	IC REGULATOR	KIA78R09PI	
I501	1K78R05---	IC REGULATOR	KIA78R05PI	
I704	1KA7805---	IC REGULATOR	KA7805	
I703	1KA7042AP	IC REGULATOR	KIA7042AP	
I804	1K78R12---	IC REGULATOR	KIA78R12PI	
I805	1K78R09---	IC REGULATOR	KIA78R09PI	
IP05	1PO3RF23--	IC REGULATOR	PO3RF23	
IF01	1SR5HP----	IC PREAMP	SR-5HP	
I801	1STRS6709-	IC POWER	STR-S6709	
IF02	1PNA4603H-	IC PHOTO SENSOR	PNA4603H	
I808	1LTV817C--	IC PHOTO COUPLER	LTV-817C	
I701	1DW356EM1-	IC MICOM	DW90356-EM1(4633)	
IN100	1MN1380L--	IC COMPARATOR (RESET)	MN1380-L(RESET IC)	
ICP01	1SAB9082-Q	IC CHIP PIP	SAB9082	
ICP02	1CXA2019QQ	IC CHIP CHROMA	CXA2019Q	
IN110	1Z8612912-	IC CAPTION	Z8612912PSC	
I601	1MSP3430A4	IC AUDIO	MSP3430G-PO-A4	
I605	1KA4558---	IC AMP	KA4558	
IA03	1MM1031XS-	IC AMP	MM1031XS	
I202	1AN5860N--	IC	AN5860N	
I604	1UPC1406HA	IC	UPC 1406HA	Ⓢ
1	1LA4282---	IC	LA4282	Ⓢ
I702	1AT24C16PC	IC	AT24C16-10PC	
I101	1UPC574J--	IC	UPC574J	
I102	1UPC574J--	IC	UPC574J	
1	1TA8427K--	IC	TA8427K	
IA01	1TA8859CP-	IC	TA8859CP	
I802	1SE125N---	IC	SE125N	
Q406	PTB2SW7607	HEAT SINK ASS'Y	T2SB546K-- + 7174301011	
Q909	PTB2SW6900	HEAT SINK ASS'Y	TKTC4370Y- + 7174300811	
I501	PTJ2SW7802	HEAT SINK ASS'Y	1K78R05--- + 7174300811	
I607	PTA2SW8211	HEAT SINK ASS'Y	1LA4282--- + 7174301011	
D801	PTE2SW7701	HEAT SINK ASS'Y	DGBJ606-- + 7174301011	
D810	PTG2SW7800	HEAT SINK ASS'Y	DFMLG16S-- + 7174300811	
I301	PTA2SW7903	HEAT SINK ASS'Y	1TA8427K-- + 7174301011	
I801	PTA2SW8202	HEAT SINK ASS'Y	1STRS6709- + 7174301211	
I805	PT32SW6900	HEAT SINK ASS'Y	1K78R09--- + 7174301011	
Q402	PTA2SW8216	HEAT SINK ASS'Y	T2SD2553-- + 7174301011	
I901	PTE1SW8902	HEAT SINK ASS'Y	1TDA6101Q- + 7174300811	
I902	PTE1SW8902	HEAT SINK ASS'Y	1TDA6101Q- + 7174300811	
I903	PTE1SW8902	HEAT SINK ASS'Y	1TDA6101Q- + 7174300811	
Q908	PTE2SW6901	HEAT SINK ASS'Y	TKTA1659Y- + 7174300811	

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
I501A	4857027802	HEAT SINK	AL EX	
0000A	4857028211	HEAT SINK	AL EX	
D801A	4857027701	HEAT SINK	AL EX	
D810A	4857027800	HEAT SINK	AL EX	
0000A	4857027903	HEAT SINK	AL EX BK	
I801A	4857028202	HEAT SINK	AL EX BK	
I805A	4857026900	HEAT SINK	AL EX	
Q402A	4857028216	HEAT SINK	AL EX	
0000A	4857027607	HEAT SINK	AL EX	
0000A	4857018902	HEAT SINK	A1050P-H24	
0000A	4857026901	HEAT SINK	AL EX BK	
0000A	4857026900	HEAT SINK	AL EX	
M251	4852538501	GRILL SPKR	PS SHEET T0.5	
F801	5F1GB6321L	FUSE GLASS TUBE	UL/CSA TL 6.3A 125V MF51	
M381	4853812800	FRAME MAIN PCB	FR HIPS BK	
40	2291050301	FLUX SOLVENT	IM-1000	
30	2291050615	FLUX SOLDER	DF-2012U	
90	2291051001	FLUX KILLER	KFT-7	
Z101	5PM3271K--	FILTER SAW	M3271K	
L801	5PLF35A1--	FILTER LINE	LF-35A1	
FP04	5PXPF1B331M	FILTER EMI	CFI 06 B 1H 330PF	
IP06	5PUGL349KN	FILTER COMB	UGL-349KNT	
Z102	5PXPS45MB-	FILTER CERA	TPS-4.5MB TRAP (TAPPING)	
Z103	5PXPS45MB-	FILTER CERA	TPS-4.5MB TRAP (TAPPING)	
T402	50H0000193	FBT	FFA65014L	
LCP03	HFB32A06PC	F CHIP SOLID INDUCT	BLM32A06PT	
LCP04	HFB32A06PC	F CHIP SOLID INDUCT	BLM32A06PT	
LCP08	HFB32A06PC	F CHIP SOLID INDUCT	BLM32A06PT	
LCP09	HFB32A06PC	F CHIP SOLID INDUCT	BLM32A06PT	
LCA1	HFB32A06PC	F CHIP SOLID INDUCT	BLM32A06PT	
LCA2	HFB32A06PC	F CHIP SOLID INDUCT	BLM32A06PT	
D601	DUZ8R2BM--	DIODE ZENER	UZ-8.2B (8.2V)	
D606	DUZ5R6BM--	DIODE ZENER	UZ-5.6BM(TAPPING)	
D607	DUZ5R6BM--	DIODE ZENER	UZ-5.6BM(TAPPING)	
D617	DUZ5R6BM--	DIODE ZENER	UZ-5.6BM(TAPPING)	
D703	DUZ6R2BM--	DIODE ZENER	UZ-6.2BM 6.2V	
D705	DUZ6R2BM--	DIODE ZENER	UZ-6.2BM 6.2V	
D706	DUZ6R2BM--	DIODE ZENER	UZ-6.2BM 6.2V	
D708	DUZ6R2BM--	DIODE ZENER	UZ-6.2BM 6.2V	
D709	DUZ6R2BM--	DIODE ZENER	UZ-6.2BM 6.2V	
D710	DUZ6R2BM--	DIODE ZENER	UZ-6.2BM 6.2V	
D711	DUZ6R2BM--	DIODE ZENER	UZ-6.2BM 6.2V	
D725	DUZ6R2BM--	DIODE ZENER	UZ-6.2BM 6.2V	
D726	DUZ6R2BM--	DIODE ZENER	UZ-6.2BM 6.2V	
D777	DUZ6R2BM--	DIODE ZENER	UZ-6.2BM 6.2V	
D781	DUZ6R2BM--	DIODE ZENER	UZ-6.2BM 6.2V	
D412	DUZ5R6BM--	DIODE ZENER	UZ-5.6BM(TAPPING)	
D413	DUZ5R6BM--	DIODE ZENER	UZ-5.6BM(TAPPING)	
D414	DUZ12BM---	DIODE ZENER	UZ-12BM (UNIZON)	
D418	DUZ12BM---	DIODE ZENER	UZ-12BM (UNIZON)	
D807	DUZ6R8BM--	DIODE ZENER	UZ-6.8B 500MW SILICON	
D819	DUZ15BM---	DIODE ZENER	UZ-15BM	
DP01	DUZ5R6BM--	DIODE ZENER	UZ-5.6BM(TAPPING)	
DP02	DUZ5R6BM--	DIODE ZENER	UZ-5.6BM(TAPPING)	
DP03	DUZ5R6BM--	DIODE ZENER	UZ-5.6BM(TAPPING)	
DP04	DUZ5R6BM--	DIODE ZENER	UZ-5.6BM(TAPPING)	
D908	DUZ9R1BM--	DIODE ZENER	UZ-9.1BM 9.1V	
D925	DUZ9R1BM--	DIODE ZENER	UZ-9.1BM 9.1V	
D926	DUZ9R1BM--	DIODE ZENER	UZ-9.1BM 9.1V	
D801	DGBJ606---	DIODE BRIDGE	GBJ606	Ⓢ
DS802	DLB156----	DIODE BRIDGE	LB156	Ⓢ
DS811	DR2KY-----	DIODE AVALANCHE	R 2-KY (TAPPING)	

Service Parts List

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
DN100	D1N4148---	DIODE	1N4148 (TAPPING)	
DN101	D1N4148---	DIODE	1N4148 (TAPPING)	
DN102	D1N4148---	DIODE	1N4148 (TAPPING)	
DN103	D1N4148---	DIODE	1N4148 (TAPPING)	
DN105	D1N4148---	DIODE	1N4148 (TAPPING)	
DN106	D1N4148---	DIODE	1N4148 (TAPPING)	
D103	D1N4148---	DIODE	1N4148 (TAPPING)	
D201	D1N4148---	DIODE	1N4148 (TAPPING)	
D202	D1N4148---	DIODE	1N4148 (TAPPING)	
D203	D1N4148---	DIODE	1N4148 (TAPPING)	
D204	D1N4148---	DIODE	1N4148 (TAPPING)	
D205	D1N4148---	DIODE	1N4148 (TAPPING)	
D206	D1N4148---	DIODE	1N4148 (TAPPING)	
D211	D1N4148---	DIODE	1N4148 (TAPPING)	
D212	D1N4148---	DIODE	1N4148 (TAPPING)	
D213	D1N4148---	DIODE	1N4148 (TAPPING)	
D214	D1N4148---	DIODE	1N4148 (TAPPING)	
D215	D1N4148---	DIODE	1N4148 (TAPPING)	
D216	D1N4148---	DIODE	1N4148 (TAPPING)	
D602	D1N4148---	DIODE	1N4148 (TAPPING)	
D603	D1N4148---	DIODE	1N4148 (TAPPING)	
D604	D1N4148---	DIODE	1N4148 (TAPPING)	
D605	D1N4148---	DIODE	1N4148 (TAPPING)	
D611	D1N4148---	DIODE	1N4148 (TAPPING)	
D612	D1N4148---	DIODE	1N4148 (TAPPING)	
D712	D1N4148---	DIODE	1N4148 (TAPPING)	
D713	D1N4148---	DIODE	1N4148 (TAPPING)	
D715	D1N4148---	DIODE	1N4148 (TAPPING)	
D780	D1N4148---	DIODE	1N4148 (TAPPING)	
D402	DDG3-----	DIODE	DG3	
D404	DRGP30J---	DIODE	RGP30J	
D810	DFMLG16S--	DIODE	FML-G16S	
D814	DRGP30J---	DIODE	RGP30J	
D818	DRGP30J---	DIODE	RGP30J	
D824	DRGP30J---	DIODE	RGP30J	
D825	DRGP30J---	DIODE	RGP30J	
D826	DRGP30J---	DIODE	RGP30J	
D830	DRGP30J---	DIODE	RGP30J	
D301	D1N4936GP-	DIODE	1N4936GP (TAPPING)	
D302	D1N4936GP-	DIODE	1N4936GP (TAPPING)	
D303	D1N4004---	DIODE	1N4004	
D403	D1N4148---	DIODE	1N4148 (TAPPING)	
D405	D1N4004---	DIODE	1N4004	
D406	D1N4937G--	DIODE	1N4937G (TAPPING)	
D407	D1N4937G--	DIODE	1N4937G (TAPPING)	
D408	D1N4148---	DIODE	1N4148 (TAPPING)	
D409	D1N4937G--	DIODE	1N4937G (TAPPING)	
D410	D1N4937G--	DIODE	1N4937G (TAPPING)	
D416	D1N4148---	DIODE	1N4148 (TAPPING)	
D802	D1N4148---	DIODE	1N4148 (TAPPING)	
D804	D1N4936GP-	DIODE	1N4936GP (TAPPING)	
D805	D1N4937G--	DIODE	1N4937G (TAPPING)	
D806	DEU1Z-----	DIODE	EU1Z (HIGH SPEED)	®
D809	D1N4148---	DIODE	1N4148 (TAPPING)	
D821	D1N4148---	DIODE	1N4148 (TAPPING)	
D823	D1N4936GP-	DIODE	1N4936GP (TAPPING)	
D829	D1N4148---	DIODE	1N4148 (TAPPING)	
D843	D1N4148---	DIODE	1N4148 (TAPPING)	
DS803	DRU1P-----	DIODE	RU 1P (TAPPING)	®
DS804	D1N4004---	DIODE	1N4004	
DS816	D1N4148---	DIODE	1N4148 (TAPPING)	
DS817	D1N4937G--	DIODE	1N4937G (TAPPING)	
DS822	D1N4148---	DIODE	1N4148 (TAPPING)	
DP06	D1N4148---	DIODE	1N4148 (TAPPING)	
D901	D1N4148---	DIODE	1N4148 (TAPPING)	
D902	D1N4148---	DIODE	1N4148 (TAPPING)	
D903	D1N4148---	DIODE	1N4148 (TAPPING)	
D904	D1N4148---	DIODE	1N4148 (TAPPING)	
D905	D1N4148---	DIODE	1N4148 (TAPPING)	
D906	D1N4004---	DIODE	1N4004	
D907	D1N4004---	DIODE	1N4004	
D911	D1N4148---	DIODE	1N4148 (TAPPING)	
D912	D1N4148---	DIODE	1N4148 (TAPPING)	

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
D913	D1N4148---	DIODE	1N4148 (TAPPING)	
D920	D1N4937G--	DIODE	1N4937G (TAPPING)	
D921	D1N4937G--	DIODE	1N4937G (TAPPING)	
D922	D1N4937G--	DIODE	1N4937G (TAPPING)	
D923	D1N4937G--	DIODE	1N4937G (TAPPING)	
D924	D1N4937G--	DIODE	1N4937G (TAPPING)	
D927	D1N4148---	DIODE	1N4148 (TAPPING)	
D928	D1N4148---	DIODE	1N4148 (TAPPING)	
D929	D1N4148---	DIODE	1N4148 (TAPPING)	
D930	D1N4148---	DIODE	1N4148 (TAPPING)	
X601	5XE18R432E	CRYSTAL QUARTZ	HC-49U 18.43200MHZ 30PPM	
X701	5XYR03276C	CRYSTAL QUARTZ	C-001R 32.768000KHZ 20PPM	
X501	5XEX3R579C	CRYSTAL QUARTZ	HC-49U 3.579545M (TP)	
XP01	5XEX3R579C	CRYSTAL QUARTZ	HC-49U 3.579545M (TP)	
ZZ132	48519A4410	CRT GROUND NET	3301H-1015-2P	
V901	4859600874	CRT	A80QCF340X07 P50	®
PC801	PTWASW3610	CORD POWER ASS'Y	4859900321+ 4857417700	
PW000	4859900321	CORD POWER	KKP-8W SPT-2#18AWG(ST)	
P101A	4850705S03	CONNECTOR	YH025-05+YST025+ULW=300	
P102A	4850703S21	CONNECTOR	YH025-03+YST025+ULW=600	
P103B	4850707N09	CONNECTOR	YH025-07+YST025+ULW=1000	
P104A	4850704S04	CONNECTOR	YH025-04+YST025+ULW=400	
P108	4850704S21	CONNECTOR	YH025-04+YST025+ULW=700	
PA03A	4850706S03	CONNECTOR	YH025-06+YST025+ULW=600	
PA04A	4850707S03	CONNECTOR	YH025-07+YST025+ULW=600	
P621	4850704S03	CONNECTOR	YH025-04+YST025+ULW=300	
PA101	4850710V02	CONNECTOR	YH025-10+YBNH250+ULW=100	
PA102	4850710V02	CONNECTOR	YH025-10+YBNH250+ULW=100	
PA103	4850710V02	CONNECTOR	YH025-10+YBNH250+ULW=100	
PA920	4850704S02	CONNECTOR	YH025-04+YST025+ULW=200	
P908	4850703S33	CONNECTOR	YH025+YST025+ULW=200	
PA901	4850707S14	CONNECTOR	YH025-07+YST025+UAW=500	
PA902	4850705S12	CONNECTOR	YH025-05+YST025+ULW=500	
PA903	4850704S04	CONNECTOR	YH025-04+YST025+ULW=400	
P103A	4859236420	CONN WAFER	YAW025-07	
P222	4859279320	CONN WAFER	TAC-L13P-A1 (ANGLE)	
P107	4859280520	CONN WAFER	TAC-L10X-A1	
P108	4859280520	CONN WAFER	TAC-L10X-A1	
PA201	4859280820	CONN WAFER	TAC-L13X-A1	
PA202	4859280520	CONN WAFER	TAC-L10X-A1	
PA203	4859280820	CONN WAFER	TAC-L13X-A1	
PA222	4859280820	CONN WAFER	TAC-L13X-A1	
P101	485923182S	CONN WAFER	YW025-05 (STICK)	
P102	485923162S	CONN WAFER	YW025-03 (STICK)	
P103	485923202S	CONN WAFER	YW025-07 (STICK)	
P104	485923172S	CONN WAFER	YW025-04 (STICK)	
P623	485923162S	CONN WAFER	YW025-03 (STICK)	
P624	485923172S	CONN WAFER	YW025-04 (STICK)	
P625A	485923172S	CONN WAFER	YW025-04 (STICK)	
P626B	485923172S	CONN WAFER	YW025-04 (STICK)	
P901	485923202S	CONN WAFER	YW025-07 (STICK)	
P902	485923162S	CONN WAFER	YW025-03 (STICK)	
P920	485923172S	CONN WAFER	YW025-04 (STICK)	
P801	4859235320	CONN WAFER	YW025-10	
P802	4859235320	CONN WAFER	YW025-10	
P803	4859235320	CONN WAFER	YW025-10	
P901	485923172S	CONN WAFER	YW025-04 (STICK)	
P902	485923182S	CONN WAFER	YW025-05 (STICK)	
PP01	4859279020	CONN WAFER	TAC-L10P-A1 (ANGLE)	
PP02	4859279020	CONN WAFER	TAC-L10P-A1 (ANGLE)	
PI01	4859253720	CONN WAFER	YFAW025-510	
P906	4859238620	CONN WAFER	YPW500-02	
PA03	485923192S	CONN WAFER	YW025-06 (STICK)	
PA04	485923202S	CONN WAFER	YW025-07 (STICK)	
PA15	4859279320	CONN WAFER	TAC-L13P-A1 (ANGLE)	
PA16	4859279020	CONN WAFER	TAC-L10P-A1 (ANGLE)	
PA17	4859279320	CONN WAFER	TAC-L13P-A1 (ANGLE)	
L406	58W0000020	COIL WIDTH	TRW-400(60908061)	
YW01	58W0000031	COIL WIDTH	TRW-500	
L108	58N0000534	COIL VCO	TRF-V002	
LN100	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L101	5CPZ101K04	COIL PEAKING	100UH K (AXIAL 10.5MM)	

Service Parts List

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
L102	5CPZ569K02	COIL PEAKING	5.6UH K (AXIAL 3.5MM)	
L103	5CPZ560K03	COIL PEAKING	56UH K (AXIAL 7MM)	
L104	5CPZ101K02	COIL PEAKING	100UH K (AXIAL 3.5MM)	
L105	5CPZ569K02	COIL PEAKING	5.6UH K (AXIAL 3.5MM)	
L106	5CPZ560K02	COIL PEAKING	56UH K (AXIAL 3.5MM)	
L121	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L201	5CPZ569K02	COIL PEAKING	5.6UH K (AXIAL 3.5MM)	
L202	5CPZ470K02	COIL PEAKING	47UH K (AXIAL 3.5MM)	
L501	5CPZ470K02	COIL PEAKING	47UH K (AXIAL 3.5MM)	
L509	5CPZ330K02	COIL PEAKING	33UH K (AXIAL 3.5MM)	
L601	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L602	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L603	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L604	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L607	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L701	5CPZ569K02	COIL PEAKING	5.6UH K (AXIAL 3.5MM)	
L702	5CPZ569K02	COIL PEAKING	5.6UH K (AXIAL 3.5MM)	
L703	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L704	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L705	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L706	5CPZ569K02	COIL PEAKING	5.6UH K (AXIAL 3.5MM)	
L301	5CPZ101K04	COIL PEAKING	100UH K (AXIAL 10.5MM)	
LP01	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
LP02	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
LP03	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
LP04	5CPZ330K02	COIL PEAKING	33UH K (AXIAL 3.5MM)	
LP05	5CPZ101K02	COIL PEAKING	100UH K (AXIAL 3.5MM)	
LP06	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
LP07	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
LP08	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
LP09	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
LA11	5CPX270J--	COIL PEAKING	27UH J (RADIAL)	
LA07	5CPX270J--	COIL PEAKING	27UH J (RADIAL)	
LA12	5CPX220J--	COIL PEAKING	22UH J (RADIAL)	
LA13	5CPX330J--	COIL PEAKING	33UH J (RADIAL)	
LA15	5CPX270J--	COIL PEAKING	27UH J (RADIAL)	
LA01	5CPZ229M02	COIL PEAKING	2.2UH M (AXIAL 3.5MM)	
LA02	5CPZ229M02	COIL PEAKING	2.2UH M (AXIAL 3.5MM)	
LA03	5CPZ229M02	COIL PEAKING	2.2UH M (AXIAL 3.5MM)	
LA05	5CPZ229M02	COIL PEAKING	2.2UH M (AXIAL 3.5MM)	
LA06	5CPZ229M02	COIL PEAKING	2.2UH M (AXIAL 3.5MM)	
LA08	5CPZ229M02	COIL PEAKING	2.2UH M (AXIAL 3.5MM)	
LA10	5CPZ569K02	COIL PEAKING	5.6UH K (AXIAL 3.5MM)	
LA14	5CPZ569K02	COIL PEAKING	5.6UH K (AXIAL 3.5MM)	
L403	58H0000043	COIL H-LINEARITY	TRL-151N	
L405	58H0000032	COIL H-LINEARITY	L-820	
ZZ131	58G0000150	COIL DEGAUSSING	DC-34SF	
L815	58C4500079	COIL CHOKE	L-45	
L806	58CX430599	COIL CHOKE	AZ-9004Y 940K TP	
L808	58CX430599	COIL CHOKE	AZ-9004Y 940K TP	
L810	58C0000096	COIL CHOKE	610G0233(470K)	
L816	58C0000096	COIL CHOKE	610G0233(470K)	
LS818	58CX430599	COIL CHOKE	AZ-9004Y 940K TP	
L402	5MC0000100	COIL BEAD	HC-3550	
L802	5MC0000100	COIL BEAD	HC-3550	
L803	5MC0000100	COIL BEAD	HC-3550	
L804	5MC0000100	COIL BEAD	HC-3550	
L805	5MC0000100	COIL BEAD	HC-3550	
L812	5MC0000100	COIL BEAD	HC-3550	
L813	5MC0000100	COIL BEAD	HC-3550	
L814	5MC0000100	COIL BEAD	HC-3550	
L817	5MC0000100	COIL BEAD	HC-3550	
L901	5MC0000100	COIL BEAD	HC-3550	
L902	5MC0000100	COIL BEAD	HC-3550	
L903	5MC0000100	COIL BEAD	HC-3550	
L110	58E0000S38	COIL AFT	TRF-A002	
F801A	4857415001	CLIP FUSE	PFC5000-0702	
F801B	4857415001	CLIP FUSE	PFC5000-0702	
M681	4856815410	CLAMP WIRE	DASTL-20NB(V0)	
ZZ140	PTCACAJ809	CABINET AS	DTQ-34Z9FC	
CN101	CMXM2A682J	C MYLAR	100V 6800PF J (TP)	
CN102	CMXM2A683J	C MYLAR	100V 0.068MF J (TP)	
CN103	CMXB1H104J	C MYLAR	50V EU 0.1MF J (TP)	

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
C210	CMXB2A224J	C MYLAR	100V EU 0.22MF J (TP)	
C133	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C218	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C401	CMXB2A103J	C MYLAR	100V EU 0.01MF J (TP)	
C404	CMXB2A223J	C MYLAR	100V EU 0.022MF J (TP)	
C513	CMXM2A222J	C MYLAR	100V 2200PF J (TP)	
C640	CMXM2A682J	C MYLAR	100V 6800PF J (TP)	
C644	CMXM2A682J	C MYLAR	100V 6800PF J (TP)	
C648	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C654	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C668	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C685	CMXM2A103J	C MYLAR	100V 0.01MF J (TP)	
C686	CMXM2A103J	C MYLAR	100V 0.01MF J (TP)	
C701	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C407	CMYE2J223J	C MYLAR	630V PU 0.022MF J	
C408	CMYE2G394J	C MYLAR	400V PU 0.39MF J	
C409	CMYE2G304J	C MYLAR	400V PU 0.3MF J	
C410	CMYH3C912J	C MYLAR	1.6KV BUP 9100PF J	
C411	CMYH3D822J	C MYLAR	2KV BUP 8200PF J	
C412	CMYE2J333J	C MYLAR	630V PU 0.033MF J	
C428	CMXB2A104J	C MYLAR	100V EU 0.1MF J (TP)	
C813	CMXH3C152J	C MYLAR	1.6KV BUP 1500PF J (TP)	
C846	CMXB2A104J	C MYLAR	100V EU 0.1MF J (TP)	
C847	CMXB2A104J	C MYLAR	100V EU 0.1MF J (TP)	
C5854	CMXB2A104J	C MYLAR	100V EU 0.1MF J (TP)	
C303	CMXM2A104K	C MYLAR	100V 0.1MF K (TP)	
C304	CMXM2A563J	C MYLAR	100V 0.056MF J (TP)	
C305	CMXM2A102J	C MYLAR	100V 1000PF J (TP)	
C311	CMXM2A473J	C MYLAR	100V 0.047MF J (TP)	
C419	CMXM2A683J	C MYLAR	100V 0.068MF J (TP)	
C427	CMXM2A223J	C MYLAR	100V 0.022MF J TP	
C817	CMXM2A102J	C MYLAR	100V 1000PF J (TP)	
C841	CMXL1J334J	C MYLAR	63V MEU 0.33MF J (TP)	
C843	CMXM2A103J	C MYLAR	100V 0.01MF J (TP)	
C849	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C888	CMXB1H104J	C MYLAR	50V EU 0.1MF J (TP)	
C923	CMYL2G104J	C MYLAR	400V MEU 0.1MF J	
C932	CMYL2G104J	C MYLAR	400V MEU 0.1MF J	
C951	CMYL2G104J	C MYLAR	400V MEU 0.1MF J	
C907	CMXB1H822J	C MYLAR	50V EU 8200PF J (TP)	
C929	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C930	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C935	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C936	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C938	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C939	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C801	CL1UC3104M	C LINE ACROSS	WORLD AC250V 0.1UF M R.47	
C802	CL1UC3104M	C LINE ACROSS	WORLD AC250V 0.1UF M R.47	
CF03	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CN112	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
C114	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
C122	CEXF1C471V	C ELECTRO	16V RSS 470MF (10X12.5)TP	
C204	CEXF1C471V	C ELECTRO	16V RSS 470MF (10X12.5)TP	
C503	CEXF1C471V	C ELECTRO	16V RSS 470MF (10X12.5)TP	
C612	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP	
C652	CEXF1E102V	C ELECTRO	25V RSS 1000MF (13X20) TP	
C656	CEXF1E102V	C ELECTRO	25V RSS 1000MF (13X20) TP	
C702	CEXF1C471V	C ELECTRO	16V RSS 470MF (10X12.5)TP	
C101	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C111	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
C112	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C115	CEXF1C101A	C ELECTRO	16V RSM 100MF (6.3X7) TP	
C117	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C119	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
C120	CEXF1C101A	C ELECTRO	16V RSM 100MF (6.3X7) TP	
C123	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C126	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C132	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	
C134	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
C142	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	
C201	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	
C203	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C209	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	

Service Parts List

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
C211	CEXF1C101A	C ELECTRO	16V RSM 100MF (6.3X7) TP	
C213	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	
C214	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP	
C215	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
C216	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	
C217	CEXF1E470C	C ELECTRO	25V RUS 47MF (5X11) TP	
C219	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	
C222	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	
C402	CEXF1C101A	C ELECTRO	16V RSM 100MF (6.3X7) TP	
C403	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	
C506	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP	
C507	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP	
C508	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C509	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	
C510	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	
C511	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	
C512	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	
C514	CEXF1H228V	C ELECTRO	50V RSS 0.22MF (5X11) TP	
C515	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C601	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C602	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	
C606	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C609	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C611	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C614	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	
C616	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	
C617	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	
C618	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	
C619	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	
C620	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C621	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C626	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C633	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C634	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C635	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	
C637	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C638	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C641	CEXD1H479F	C ELECTRO	50V RND 4.7MF (6.3X11) TP	
C642	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C647	CEXD1H479F	C ELECTRO	50V RND 4.7MF (6.3X11) TP	
C671	CEXF1C331V	C ELECTRO	16V RSS 330MF (8X11.5) TP	
C676	CEXF1C101A	C ELECTRO	16V RSM 100MF (6.3X7) TP	
C679	CEXF1E470C	C ELECTRO	25V RUS 47MF (5X11) TP	
C680	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C681	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C682	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C683	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C684	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C687	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
C688	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C690	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C691	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C692	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C693	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C694	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C708	CEXF1C101A	C ELECTRO	16V RSM 100MF (6.3X7) TP	
C710	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
C711	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C716	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C719	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
C722	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP	
C772	CEXF1C101A	C ELECTRO	16V RSM 100MF (6.3X7) TP	
C777	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	
C779	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	
C782	CEXF1E221V	C ELECTRO	25V RSS 220MF (8X11.5) TP	
C308	CEYF1E332V	C ELECTRO	25V RSS 330MF (16X31.5)	
C413	CEYD1H689V	C ELECTRO	50V RUB 6.8MF (16'35.5)	
C805	CEYN2G471P	C ELECTRO	400V LHS 470MF (35X45)	⚠ Ⓢ
C819	CEYN2D221T	C ELECTRO	200V FWS 220MF (22X30)	⚠ Ⓢ
C838	CEYF1V222V	C ELECTRO	35V RSS 2200MF (16X31.5)	
C307	CEXF1V221V	C ELECTRO	35V RSS 220MF (10X12.5)TP	
C405	CEXF1V221V	C ELECTRO	35V RSS 220MF (10X12.5)TP	
C418	CEXE2C100H	C ELECTRO	160V RUR 10MF (13X25) TP	⚠ Ⓢ

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
C420	CEXF2E470C	C ELECTRO	250V RUS 47MF (16X25) TP	⚠ Ⓢ
C424	CEXF1V221V	C ELECTRO	35V RSS 220MF (10X12.5)TP	
C425	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP	
C430	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
C811	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP	
C814	CEXF1H331V	C ELECTRO	50V RSS 330MF (10X20) TP	
C815	CEXF1V221V	C ELECTRO	35V RSS 220MF (10X12.5)TP	
C816	CEXF2C100V	C ELECTRO	160V RSS 10MF (10X16) TP	
C822	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP	
C823	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP	
C824	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP	
C825	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP	
C828	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
C833	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
C834	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
C842	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP	
C852	CEXE2C100H	C ELECTRO	160V RUR 10MF (13X25) TP	
CS853	CEXF1E471V	C ELECTRO	25V RSS 470MF (10X16) TP	
CS860	CEXF2W100V	C ELECTRO	450V RSS 10MF (13X20) TP	
CS867	CEXF1E471V	C ELECTRO	25V RSS 470MF (10X16) TP	
C309	CEXD1H109Q	C ELECTRO	50V RT 1MF (6.3X11) TP	
C403	CEXF2C109V	C ELECTRO	160V RSS 1MF (6.3X11) TP	⚠ Ⓢ
C406	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C414	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP	
C416	CEXD1H478Q	C ELECTRO	50V RT 0.47MF (6.3X11) TP	
C423	CEXD1H229Q	C ELECTRO	50V RT 2.2MF (6.3X11) TP	
C810	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C821	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	
C829	CEXF1E221V	C ELECTRO	25V RSS 220MF (8X11.5) TP	
C844	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C845	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CS811	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	
CP01	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
CP02	CEXF1E470C	C ELECTRO	25V RUS 47MF (5X11) TP	
CP03	CEXF1E470C	C ELECTRO	25V RUS 47MF (5X11) TP	
CP05	CEXF1E470C	C ELECTRO	25V RUS 47MF (5X11) TP	
CP06	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP	
CP07	CEXF1E470C	C ELECTRO	25V RUS 47MF (5X11) TP	
CP12	CEXF1E470C	C ELECTRO	25V RUS 47MF (5X11) TP	
CP19	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
CP21	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C145	CEXF1H108V	C ELECTRO	50V RSS 0.1MF (5X11) TP	
C102	CEXF1H228V	C ELECTRO	50V RSS 0.22MF (5X11) TP	
C106	CEXF1H470V	C ELECTRO	50V RSS 47MF (6.3X11) TP	
C112	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP	
C114	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
C116	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	
C118	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
C707	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP	
C904	CEXF2C100V	C ELECTRO	160V RSS 10MF (10X16) TP	
C905	CEXF2C470V	C ELECTRO	160V RSS 47MF (13X25) TP	
C906	CEXF2C470V	C ELECTRO	160V RSS 47MF (13X25) TP	
C915	CEXF2C100V	C ELECTRO	160V RSS 10MF (10X16) TP	
C924	CEXF2E100V	C ELECTRO	250V RSS 10MF (10X20) TP	
C942	CEXF2E479V	C ELECTRO	250V RSS 4.7MF (10X16)TP	
C954	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
C901	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C903	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C925	CEXF2E229V	C ELECTRO	250V RSS 2.2MF (8X11.5)TP	
C926	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C927	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C928	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
CA02	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA03	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA04	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP	
CA05	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	
CA07	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA08	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA09	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
CA10	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA11	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA12	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA13	CEXF1E470C	C ELECTRO	25V RUS 47MF (5X11) TP	

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
CA14	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA15	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA16	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	
CA18	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA19	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA20	CEXF1E221V	C ELECTRO	25V RSS 220MF (8X11.5) TP	
CA21	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA22	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA23	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
CA24	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA25	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA26	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
CA27	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA28	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
CA29	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA30	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
CA31	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA32	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
CA33	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA34	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
CA57	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CA58	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CCP01	HCTAH478MB	C CHIP TANTAL	25V 0.47MF M 3216 TE	Ⓡ
CCP10	HCTAH109MB	C CHIP TANTAL	25V 1MF M 3216	Ⓡ
CCP11	HCTAD479MB	C CHIP TANTAL	10V 4.7MF M 3216	Ⓡ
CCP19	HCTAH478MB	C CHIP TANTAL	25V 0.47MF M 3216 TE	Ⓡ
CCP64	HCTAD479MB	C CHIP TANTAL	10V 4.7MF M 3216	Ⓡ
CCP65	HCTAD479MB	C CHIP TANTAL	10V 4.7MF M 3216	Ⓡ
CC112	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC113	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC114	HCCK101JCA	C CHIP CERA	50V CH 100PF J 2012	
CC116	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC118	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC119	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC121	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC122	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC202	HCCK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC205	HCCK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC212	HCCK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CC220	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC234	HCCK471JCA	C CHIP CERA	50V CH 470PF J 2012	
CC400	HCCK101JCA	C CHIP CERA	50V CH 100PF J 2012	
CC401	HCCK271JCA	C CHIP CERA	50V CH 270PF J 2012	
CC500	HCCK300JCA	C CHIP CERA	50V CH 30PF J 2012	
CC502	HCCK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC504	HCCK100DCA	C CHIP CERA	50V CH 10PF D 2012	
CC505	HCCK309CCA	C CHIP CERA	50V CH 3PF C 2012	
CC508	HCCK120JCA	C CHIP CERA	50V CH 12PF J 2012	
CC509	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC510	HCCK910JCA	C CHIP CERA	50V CH 91PF J 2012	
CC511	HCCK910JCA	C CHIP CERA	50V CH 91PF J 2012	
CC512	HCCK910JCA	C CHIP CERA	50V CH 91PF J 2012	
CC601	HCCK479CCA	C CHIP CERA	50V CH 4.7PF C 2012	
CC602	HCCK479CCA	C CHIP CERA	50V CH 4.7PF C 2012	
CC603	HCCK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CC604	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC605	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC606	HCCK471JCA	C CHIP CERA	50V CH 470PF J 2012	
CC607	HCCK471JCA	C CHIP CERA	50V CH 470PF J 2012	
CC608	HCCK471JCA	C CHIP CERA	50V CH 470PF J 2012	
CC609	HCCK471JCA	C CHIP CERA	50V CH 470PF J 2012	
CC610	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC611	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC613	HCCK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CC614	HCCK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CC615	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC617	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC618	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC622	HCCK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CC623	HCCK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CC627	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC634	HCCK101JCA	C CHIP CERA	50V CH 100PF J 2012	
CC635	HCCK101JCA	C CHIP CERA	50V CH 100PF J 2012	

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
CC636	HCCK101JCA	C CHIP CERA	50V CH 100PF J 2012	
CC646	HCCK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CC701	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC702	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC707	HCCK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CC708	HCCK331JCA	C CHIP CERA	50V CH 330PF J 2012	
CC709	HCCK470JCA	C CHIP CERA	50V CH 47PF J 2012	
CC710	HCCK220JCA	C CHIP CERA	50V CH 22PF J 2012	
CC714	HCCK471JCA	C CHIP CERA	50V CH 470PF J 2012	
CC715	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC717	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC718	HCCK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CC721	HCCK561JCA	C CHIP CERA	50V CH 560PF J 2012	
CC753	HCCK331JCA	C CHIP CERA	50V CH 330PF J 2012	
CC755	HCCK331JCA	C CHIP CERA	50V CH 330PF J 2012	
CC756	HCCK331JCA	C CHIP CERA	50V CH 330PF J 2012	
CC757	HCCK331JCA	C CHIP CERA	50V CH 330PF J 2012	
CC759	HCCK561JCA	C CHIP CERA	50V CH 560PF J 2012	
CC760	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CCP02	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP03	HCCK103KCA	C CHIP CERA	25V X7R 0.01MF K 2012	
CCP04	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP05	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP06	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP07	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP08	HCCK101JCA	C CHIP CERA	50V CH 100PF J 2012	
CCP09	HCCK472KCA	C CHIP CERA	50V X7R 4700PF K 2012	
CCP12	HCCK150JCA	C CHIP CERA	50V CH 15PF J 2012	
CCP13	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP14	HCCK472KCA	C CHIP CERA	50V X7R 4700PF K 2012	
CCP15	HCCK103KCA	C CHIP CERA	25V X7R 0.01MF K 2012	
CCP16	HCCK471KCA	C CHIP CERA	50V X7R 470PF K 2012	
CCP20	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP22	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP23	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP26	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP30	HCCK474ZCA	C CHIP CERA	Y5V 50V 0.47MF Z 2012	
CCP31	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP32	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP33	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP34	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP35	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP37	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP38	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP40	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP41	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP43	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP44	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP45	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP47	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP48	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP49	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP50	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
CCP51	HCCK910JCA	C CHIP CERA	50V CH 91PF J 2012	
CCP52	HCCK120JCA	C CHIP CERA	50V CH 12PF J 2012	
CCP63	HCCK104KCA	C CHIP CERA	25V X7R 0.1MF K 2012	
C103	HCCK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
C104	HCCK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
C105	HCCK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
C107	HCCK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
C108	HCCK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
C109	HCCK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
C110	HCCK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
C111	HCCK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
C115	HCCK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
C117	HCCK270JCA	C CHIP CERA	50V RH 27PF J 2012	
C120	HCCK560JCA	C CHIP CERA	50V RH 56PF J 2012	
C121	HCCK150JCA	C CHIP CERA	50V CH 15PF J 2012	
C122	HCCK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
C143	HCCK470JCA	C CHIP CERA	50V CH 47PF J 2012	
C147	HCCK470JCA	C CHIP CERA	50V CH 47PF J 2012	
CC101	HCCK391JCA	C CHIP CERA	50V CH 390PF J 2012	
CCA04	HCCK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	

Service Parts List

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
CCA05	HCQK910JCA	C CHIP CERA	50V CH 91PF J 2012	
CCA06	HCQK331JCA	C CHIP CERA	50V CH 330PF J 2012	
CCA07	HCQK331JCA	C CHIP CERA	50V CH 330PF J 2012	
CCA08	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CCA09	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CCA10	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA11	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA12	HCBK472KCA	C CHIP CERA	50V X7R 4700PF K 2012	
CCA13	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA14	HCQK181JCA	C CHIP CERA	50V CH 180PF J 2012	
CCA15	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA16	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA17	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA18	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA19	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA20	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA21	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA22	HCQK120JCA	C CHIP CERA	50V CH 12PF J 2012	
CCA23	HCQK120JCA	C CHIP CERA	50V CH 12PF J 2012	
CCA24	HCQK220JCA	C CHIP CERA	50V CH 22PF J 2012	
CCA25	HCQK100DCA	C CHIP CERA	50V CH 10PF D 2012	
CCA27	HCQK120JCA	C CHIP CERA	50V CH 12PF J 2012	
CCA28	HCQK120JCA	C CHIP CERA	50V CH 12PF J 2012	
CCA29	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA30	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA31	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA32	HCQK331JCA	C CHIP CERA	50V CH 330PF J 2012	
CCA33	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA34	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA35	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA36	HCQK331JCA	C CHIP CERA	50V CH 330PF J 2012	
CCA37	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA38	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	
CCA41	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CCA42	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CCA43	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CCA44	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CCA46	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CCA47	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CCA48	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CCA49	HCQK120JCA	C CHIP CERA	50V CH 12PF J 2012	
CCA54	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CCA55	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CCA56	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CCA57	HCBK472KCA	C CHIP CERA	50V X7R 4700PF K 2012	
CN105	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
CN109	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
CN110	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
CN111	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
C247	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
C703	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
C704	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
C709	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
C771	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
C837	CBXB3D471K	C CERA SEMI	2KV BL(N) 470PF K (T)	
C851	CBXB3D102K	C CERA SEMI	2KV BL(N) 1000PF K (T)	
C830	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
C835	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
C949	CBXB3D102K	C CERA SEMI	2KV BL(N) 1000PF K (T)	
CP868	CH1BFE472M	C CERA AC	AC400V 4700PF M U/C/V	
CP869	CH1BFE472M	C CERA AC	AC400V 4700PF M U/C/V	
C806	CH1BEE472M	C CERA AC	U/C/V 2.5KV 4700PF TP	
C807	CH1BEE472M	C CERA AC	U/C/V 2.5KV 4700PF TP	
C808	CH1BEE472M	C CERA AC	U/C/V 2.5KV 4700PF TP	
C809	CH1BEE472M	C CERA AC	U/C/V 2.5KV 4700PF TP	
CS825	CH1BEE472M	C CERA AC	U/C/V 2.5KV 4700PF TP	
CS842	CH1BEE472M	C CERA AC	U/C/V 2.5KV 4700PF TP	
CF01	CCZB1H561K	C CERA	50V B 560PF K	
CN100	CCZB1H561K	C CERA	50V B 560PF K	
CN104	CCZB1H561K	C CERA	50V B 560PF K	
CN113	CCZB1H471K	C CERA	50V B 470PF K (AXIAL)	
C205	CCZB1H471K	C CERA	50V B 470PF K (AXIAL)	
C501	CCZF1H103Z	C CERA	50V F 0.01MF Z	

LOC	PART CORD	PART NAME	DESCRIPTION	REMARK
C604	CCZF1H103Z	C CERA	50V F 0.01MF Z	
C607	CCZF1E103Z	C CERA	25V F 0.01MF Z (AXIAL)	
C707	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
C712	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
C713	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	
C720	CBZR1C562M	C CERA	16V Y5R 5600PF M (AXIAL)	
C818	CCYR3D221K	C CERA	2KV R 220PF K 125 DE0707	
C857	CCXB3D471K	C CERA	2KV B 470PF K (TAPPING)	
C301	CCXB1H102K	C CERA	50V B 1000PF K (TAPPING)	
C302	CXCH1H100D	C CERA	50V CH 10PF D (TAPPING)	
C401	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)	
C402	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)	
C404	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)	
C426	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)	
C820	CCXB2H471K	C CERA	500V B 470PF K (TAPPING)	
C827	CCXB2H471K	C CERA	500V B 470PF K (TAPPING)	
C840	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)	
C431	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
C911	CCXE2H472P	C CERA	500V E 4700PF P (TAPPING)	
C912	CCXE2H472P	C CERA	500V E 4700PF P (TAPPING)	
C914	CCXB2H101K	C CERA	500V B 100PF K (TAPPING)	
C922	CCXB2H471K	C CERA	500V B 470PF K (TAPPING)	
C937	CCXB2H471K	C CERA	500V B 470PF K (TAPPING)	
C941	CCXB2H471K	C CERA	500V B 470PF K (TAPPING)	
C950	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)	
C902	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	
C908	CCZB1H561K	C CERA	50V B 560PF K	
C909	CCZF1H103Z	C CERA	50V F 0.01MF Z	
C910	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
C913	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
CA01	CCZF1H103Z	C CERA	50V F 0.01MF Z	
CA17	CCZF1H103Z	C CERA	50V F 0.01MF Z	
CA35	CCZB1H331K	C CERA	50V B 330PF K (AXIAL)	
CA36	CCZB1H331K	C CERA	50V B 330PF K (AXIAL)	
CA37	CCZF1H103Z	C CERA	50V F 0.01MF Z	
CA38	CCZF1H103Z	C CERA	50V F 0.01MF Z	
20	4850Q01210	BATTERY	LR03 AAA ALKALINE	
IM21	4858213800	BAG INSTRUCTION	L.D.P.E T0.05X250X400	
AD001	4859000240	ADAPTER	2P15A 300V(D=4.0)	
ZZ110	PTACPWJ765	ACCESSORY AS	DT0-29X9FS	

Different parts list

LOC	S/N	PART NAME	PART DESCRIPTION	DTQ-34Z9FC	DTQ-29U9FS	DTQ-29U9FSA	DTQ-29U9FSO	DTH-29U9FSA
C405	CEXF1C102C	C ELECTRO	16V RUS 1000MF (10X20) TP	X	X	O	O	O
	CEXF1V221V	C ELECTRO	35V RSS 220MF (10X12.5)TP	O	X	X	X	X
C407	CMYE2J223J	C MYLAR	630V PU 0.022MF J	O	O	O	O	O
C408	CMYE2G304J	C MYLAR	400V PU 0.3MF J	X	O	O	O	O
	CMYE2G394J	C MYLAR	400V PU 0.39MF J	O	X	X	X	X
C410	CMYH3C912J	C MYLAR	1.6KV BUP 9100PF J	O	X	X	X	X
	CMYH3D472J	C MYLAR	2KV BUP 4700PF J	X	O	O	O	O
C411	CMYH3C822J	C MYLAR	1.6KV BUP 8200PF J	X	O	O	O	O
	CMYH3D822J	C MYLAR	2KV BUP 8200PF J	O	X	X	X	X
C412	CMXE2G273J	C MYLAR	400V PU 0.027MF J (TP)	X	O	O	O	O
	CMYE2G273J	C MYLAR	400V PU 0.027MF J	X	X	X	X	X
	CMYE2J333J	C MYLAR	630V PU 0.033MF J	O	X	X	X	X
C414	CEXF1H470V	C ELECTRO	50V RSS 47MF (6.3X11) TP	X	O	X	X	X
	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP	O	X	X	X	X
	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	X	X	O	O	O
C425	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP	O	X	X	X	X
	CEYF1V222V	C ELECTRO	35V RSS 2200MF (16X31.5)	X	X	O	O	O
C427	CMXB1H223J	C MYLAR	50V EU 0.022MF J (TP)	X	X	O	O	O
	CMXM2A223J	C MYLAR	100V 0.022MF J TP	O	X	X	X	X
C810	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	O	X	X	X	X
C826	CEXF1C331V	C ELECTRO	16V RSS 330MF (8X11.5) TP	X	O	O	O	O
C845	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	O	X	X	X	X
	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	X	O	O	O	O
C856	DDSA452T05	VARISTOR	DSA-622M-U05A	X	O	O	O	O
C857	CBXB3D471K	C CERA SEMI	2KV BL(N) 470PF K (T)	X	X	O	O	O
	CCXB3D471K	C CERA	2KV B 470PF K (TAPPING)	O	X	X	X	X
C862	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	X	O	X	O	X
C892	CMXE2J333J	C MYLAR	630V PU 0.033MF J (TP)	X	X	O	O	O
CF401	CMYF2D684J	C MYLAR	200V MPP 0.68MF J	X	O	X	X	X
	CMYH3C752J	C MYLAR	1.6KV BUP 7500PF J	X	X	O	O	O
CF403	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	X	X	O	O	O
CF404	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP	X	X	O	O	O
CF405	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	X	X	O	O	O
CF406	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	X	X	O	O	O
CF407	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	X	X	O	O	O

Service Parts List

LOC	S/N	PART NAME	PART DESCRIPTION	DTQ-34Z9FC	DTQ-29U9FS	DTQ-29U9FSA	DTQ-29U9FSO	DTH-29U9FSA
CF408	CEXF1V221V	C ELECTRO	35V RSS 220MF (10X12.5)TP	X	X	O	O	O
CF409	CMXE2J333J	C MYLAR	630V PU 0.033MF J (TP)	X	X	O	O	O
CF410	CMXE2J333J	C MYLAR	630V PU 0.033MF J (TP)	X	X	O	O	O
CF411	CMXE2J333J	C MYLAR	630V PU 0.033MF J (TP)	X	X	O	O	O
CP868	CH1BFE472M	C CERA AC	AC400V 4700PF M U/C/V	O	X	X	X	X
CP869	CH1BFE472M	C CERA AC	AC400V 4700PF M U/C/V	O	X	X	X	X
CS848	CH1BFE472M	C CERA AC	AC400V 4700PF M U/C/V	X	O	O	O	X
CS860	CEXF2G220V	C ELECTRO	400V RSS 22MF (16X25) TP	X	O	O	O	X
	CEXF2W100V	C ELECTRO	450V RSS 10MF (13X20) TP	O	X	X	X	X
D406	D1N4937G--	DIODE	1N4937G (TAPPING)	O	X	X	X	X
	DRGP15J---	DIODE	RGP15J	X	X	X	X	O
D407	D1N4937G--	DIODE	1N4937G (TAPPING)	O	X	X	X	X
	DRGP15J---	DIODE	RGP15J	X	X	X	X	O
D409	D1N4937G--	DIODE	1N4937G (TAPPING)	O	X	X	X	X
	DRGP15J---	DIODE	RGP15J	X	X	X	X	O
D410	D1N4937G--	DIODE	1N4937G (TAPPING)	O	X	X	X	X
	DRGP15J---	DIODE	RGP15J	X	X	X	X	O
D415	DZPD5R1---	DIODE ZENER	ZPD5.1	X	O	X	O	X
D802	D1N4148---	DIODE	1N4148 (TAPPING)	X	X	X	X	X
D805	D1N4937G--	DIODE	1N4937G (TAPPING)	O	X	X	X	X
	DRGP15J---	DIODE	RGP15J	X	X	X	X	O
D830	DRGP30J---	DIODE	RGP30J	O	X	X	X	X
DF401	D1N4937G--	DIODE	1N4937G (TAPPING)	X	X	O	O	X
	DRGP15J---	DIODE	RGP15J	X	X	X	X	O
DF402	D1N4937G--	DIODE	1N4937G (TAPPING)	X	X	O	O	X
	DRGP15J---	DIODE	RGP15J	X	X	X	X	O
DF403	D1N4937G--	DIODE	1N4937G (TAPPING)	X	X	O	O	X
	DRGP15J---	DIODE	RGP15J	X	X	X	X	O
DF404	D1N4937G--	DIODE	1N4937G (TAPPING)	X	X	O	O	X
	DRGP15J---	DIODE	RGP15J	X	X	X	X	O
DS817	D1N4937G--	DIODE	1N4937G (TAPPING)	O	X	X	X	X
	DRGP15J---	DIODE	RGP15J	X	X	X	X	O
F801	5F1GB6321L	FUSE GLASS TUBE	UL/CSA TL 6.3A 125V MF51	O	X	X	X	X
	5FKGB6323L	FUSE GLASS TUBE	KS MF51 6.3A 125/250V TL	X	O	O	O	O

LOC	S/N	PART NAME	PART DESCRIPTION	DTQ-34Z9FC	DTQ-29U9FS	DTQ-29U9FSA	DTQ-29U9FSO	DTH-29U9FSA
IF401	1KA4558---	IC AMP	KA4558	X	X	O	O	O
J855	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	X	O	X	X	X
J856	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	O	X	X	X	X
L403	58H0000043	COIL H-LINEARITY	TRL-151N	O	X	X	X	X
	58H0000053	COIL H-LINEARITY	TRL-320B	X	O	O	O	O
L405	58C0000117	COIL CHOKE	CH-951V	X	O	O	O	O
	58H0000032	COIL H-LINEARITY	L-820	O	X	X	X	X
LF401	58C0000119	COIL CHOKE	CH-402U	X	X	O	O	O
LF407	58F0000046	COIL FILTER	TRW-2110	X	O	X	X	X
P804	4859242220	CONN WAFER	YFW800-02	X	X	X	X	O
P805	4859242220	CONN WAFER	YFW800-02	X	X	X	X	O
P806	4859242220	CONN WAFER	YFW800-02	X	X	X	X	O
P807	4859242220	CONN WAFER	YFW800-02	X	X	X	X	O
P808	4859262120	CONN WAFER	YFW800-01	X	X	X	X	O
PC801	PTWASW0910	CORD POWER ASS'Y	4859901111+ 4857417700	X	O	X	O	O
PC801	PTWASW3610	CORD POWER ASS'Y	4859900321+ 4857417700	O	X	X	X	X
Q802	TKTC3198Y-	TR	KTC3198Y	O	X	X	X	X
Q803	TKTC3203Y-	TR	KTC3203-Y	O	X	X	X	X
QF401	TKTA1266Y-	TR	KTA1266Y (TP)	X	X	O	X	O
QF402	T4636LSRB-	TR	2SC4636LS-RB	X	X	O	X	O
QF403	TKTA1266Y-	TR	KTA1266Y (TP)	X	X	O	X	O
QF404	TKTC3198Y-	TR	KTC3198Y	X	X	O	X	O
R401	RS02Z102JS	R M-OXIDE FILM	2W 1K OHM J SMALL	X	O	O	O	O
	RS02Z332JS	R M-OXIDE FILM	2W 3.3K OHM J SMALL	O	X	X	X	X
R403	RS02Z102JS	R M-OXIDE FILM	2W 1K OHM J SMALL	O	O	X	X	X
R408	RD-4Z822J-	R CARBON FILM	1/4 8.2K OHM J	X	O	X	X	X
	RN-4Z1002F	R METAL FILM	1/4 10K OHM F	O	X	X	X	X
	RN-4Z9101F	R METAL FILM	1/4 9.10K OHM F	X	X	O	O	O
R409	RN-4Z1002F	R METAL FILM	1/4 10K OHM F	X	O	O	O	O
	RN-4Z2202F	R METAL FILM	1/4 22K OHM F	O	X	X	X	X
R411	RS02Z153J-	R M-OXIDE FILM	2W 15K OHM J (TAPPING)	X	X	O	O	O
	RS02Z153JS	R M-OXIDE FILM	2W 15K OHM J SMALL	O	X	X	X	X
R412	RD-4Z103J-	R CARBON FILM	1/4 10K OHM J	X	O	O	O	O
	RD-4Z822J-	R CARBON FILM	1/4 8.2K OHM J	O	X	X	X	X

Service Parts List

LOC	S/N	PART NAME	PART DESCRIPTION	DTQ-34Z9FC	DTQ-29U9FS	DTQ-29U9FSA	DTQ-29U9FSO	DTH-29U9FSA
R417	RD-4Z242J-	R CARBON FILM	1/4 2.4K OHM J	X	O	O	O	O
	RD-4Z682J-	R CARBON FILM	1/4 6.8K OHM J	O	X	X	X	X
R418	RD-4Z272J-	R CARBON FILM	1/4 2.7K OHM J	X	O	O	O	O
	RD-4Z362J-	R CARBON FILM	1/4 3.6K OHM J	O	X	X	X	X
R421	RD-4Z222J-	R CARBON FILM	1/4 2.2K OHM J	O	X	X	X	X
	RD-4Z272J-	R CARBON FILM	1/4 2.7K OHM J	X	O	O	O	O
R425	RF02Z338K-	R FUSIBLE	2W 0.33 OHM K (TAPPING)	X	X	O	O	O
R445	RF01Z188K-	R FUSIBLE	1W 0.18 OHM K (TAPPING)	O	X	X	X	X
	RF01Z369J-	R FUSIBLE	1W 3.6 OHM J (TAPPING)	X	O	X	X	X
	RF01Z688K-	R FUSIBLE	1W 0.68 OHM K (TAPPING)	X	X	O	O	O
R451	RD-4Z153J-	R CARBON FILM	1/4 15K OHM J	O	X	X	X	X
	RD-4Z562J-	R CARBON FILM	1/4 5.6K OHM J	X	O	O	O	O
R460	RS02Z102JS	R M-OXIDE FILM	2W 1K OHM J SMALL	X	X	X	O	X
R801	DDC7R0M290	POSISTOR	ECPCD7R0M290	O	X	X	X	X
	DJ140M290L	POSISTOR	J503P53D140M290L	X	X	X	X	O
R803	RS02Z150JS	R M-OXIDE FILM	2W 15 OHM J SMALL	X	O	O	O	O
	RS02Z180JS	R M-OXIDE FILM	2W 18 OHM J SMALL	O	X	X	X	X
R814	RS02Z150JS	R M-OXIDE FILM	2W 15 OHM J SMALL	X	O	O	O	O
	RS02Z180JS	R M-OXIDE FILM	2W 18 OHM J SMALL	O	X	X	X	X
R847	RN-4Z1802F	R METAL FILM	1/4 18.0K OHM F	X	O	O	O	O
	RN-4Z6202F	R METAL FILM	1/4 62.0K OHM F	O	X	X	X	X
R868	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	O	X	X	X	X
R869	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	O	X	X	X	X
R870	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	O	X	X	X	X
R871	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	O	X	X	X	X
R872	RN02B829JS	R METAL FILM	2W 8.2 OHM J SMALL	X	O	O	O	O
RF401	RF02Z338K-	R FUSIBLE	2W 0.33 OHM K (TAPPING)	X	O	O	O	O
RF402	RN02B472JS	R METAL FILM	2W 4.7K OHM J SMALL	X	O	O	O	O
RF403	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	X	X	O	O	O
RF404	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	X	X	O	O	O
RF405	RD-AZ911J-	R CARBON FILM	1/6 910 OHM J	X	X	O	O	O
RF406	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J	X	X	O	O	O
RF407	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	X	X	O	O	O
RF408	RD-AZ183J-	R CARBON FILM	1/6 18K OHM J	X	X	O	O	O

LOC	S/N	PART NAME	PART DESCRIPTION	DTQ-34Z9FC	DTQ-29U9FS	DTQ-29U9FSA	DTQ-29U9FSO	DTH-29U9FSA
RF409	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	X	X	O	O	O
RF410	RN-AZ2202F	R METAL FILM	1/6 22K OHM F	X	X	O	O	O
RF411	RD-AZ361J-	R CARBON FILM	1/6 360 OHM J	X	X	O	O	O
RF412	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	X	X	O	O	O
RF413	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	X	X	O	O	O
RF414	RD-AZ432J-	R CARBON FILM	1/6 4.3K OHM J	X	X	O	O	O
RF415	RD-AZ562J-	R CARBON FILM	1/6 5.6K OHM J	X	X	O	O	O
RF416	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	X	X	O	O	O
RF417	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	X	X	O	O	O
RF418	RD-4Z242J-	R CARBON FILM	1/4 2.4K OHM J	X	X	O	O	O
RF419	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	X	X	O	O	O
RF420	RD-4Z431J-	R CARBON FILM	1/4 430 OHM J	X	X	O	O	O
RF421	RD-4Z182J-	R CARBON FILM	1/4 1.8K OHM J	X	X	O	O	O
RF422	RN02B333JS	R METAL FILM	2W 33K OHM J SMALL	X	X	O	O	O
RF423	RS02Z333J-	R M-OXIDE FILM	2W 33K OHM J	X	X	O	O	O
RF424	RN02B333JS	R METAL FILM	2W 33K OHM J SMALL	X	X	O	O	O
RF427	RF02Z478K-	R FUSIBLE	2W 0.47 OHM K (TAPPING)	X	X	O	O	O
RP865	RC-2Z275KP	R CARBON COMP	1/2 2.7M OHM K	O	X	X	X	X
RP866	RC-2Z275KP	R CARBON COMP	1/2 2.7M OHM K	O	X	X	X	X
RP867	RC-2Z565KP	R CARBON COMP	1/2 5.6M OHM K	O	X	X	X	X
RS853	RC-2Z565KP	R CARBON COMP	1/2 5.6M OHM K	X	O	O	O	X
SCT1	4859303730	SOCKET CRT	ISD-07S	X	X	O	X	X
	4859303130	SOCKET CRT	PCS628-05B	O	X	X	X	X
SP01	4858314510	SPEAKER	SP-105F01 10W 8 OHM	X	X	O	X	X
	48A8305200	SPEAKER SYSTEM	SS-40110F01 15W 8 OHM	O	X	X	X	X
SP01A	7172401411	SCREW TAPPTITE	TT2 TRS 4X14 MFZN	X	X	O	X	X
SW09	5S50101Z90	SW TACT	SKHV10910A	O	X	X	X	X
T402	50H0000193	FBT	FFA65014L	O	X	X	X	X
	50H0000203	FBT	FFA65026L	X	O	X	X	X
	50H0000207	FBT	FFA65027L	X	X	O	O	O
TF401	50D0000023	TRANS DRIVE	TLN-2133	X	O	X	X	X
	50D28A1---	TRANS DRIVE	TD-28A1	X	X	O	O	O
TU02	4859718830	TUNER VARACTOR	TMAH2-010A	O	X	X	X	X
TU02A	4859003750	PLUG PHONE AS	PLUG+CABLE 1365AWG26=150B	O	X	X	X	X

Service Parts List

LOC	S/N	PART NAME	PART DESCRIPTION	DTQ-34Z9FC	DTQ-29U9FS	DTQ-29U9FSA	DTQ-29U9FSO	DTH-29U9FSA
V901	4859600874	CRT	A80QCF340X07 P50	O	X	X	X	X
	4859628460	CRT	A68LQP356X05(Z) P38	X	O	X	X	X
	4859629960	CRT	A68QCP891X001 P38	X	X	O	O	X
	4859629961	CRT	A68QCP891X001 M16	X	X	X	X	O
X505	5XEX3R575C	CRYSTAL QUARTZ	HC-49U 3.575611M 20PPM TA	X	X	X	X	O
X506	5XEX3R582C	CRYSTAL QUARTZ	HC-49U 3.582056M 20PPM TA	X	X	X	X	O
X602	4850L03510	RESONATOR CERA	CSB800J	X	O	X	O	X
XP01	5XEX3R579C	CRYSTAL QUARTZ	HC-49U 3.579545M (TP)	O	X	X	X	X
XP04	4850L00410	RESONATOR CERA	CSB503F2	O	X	X	X	X
YW01	58W0000031	COIL WIDTH	TRW-500	O	X	X	X	X
Z804	DSVC471D14	VARISTOR	SVC471D14A	X	O	O	X	X

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