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Service Manual

Stereo Color Television

CHASSIS : CM-921F

PAL/SECAM-B/G, D/K, I, H SYSTEM

NTSC 4.43/3.58-M SYSTEM

MODEL : DSC-3261HA

PF32W502(NEC Model)



NEC Corporation

Jan.2003

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1. Specification

1. DSC-3261HA

TV Standard	Color System	PAL, SECAM, 4.43NTSC(AV), 3.58NTSC
	Sound System	B/G, D/K, I, M, H
Rated Voltage		AC 110V ~ 240V, 50/60Hz
Power Consumption		148W
Sound Output Power		Main 8W X 2
Channel Coverage	HYPER + CHINA + IVORY COAST	
	VHF L : E2(48.25MHz) ~ S6(147.25MHz)	
	VHF H : S7(147.25MHz) ~ S36(423.25MHz)	
	UHF : A37(431.25MHz) ~ E69(855.25MHz)	
Tuning System		Frequency Synthesizer Tuning System
Channel Indication		On-Screen Display
Programme Selection		100 Programmes
Aux. Terminal	AV-input:1, 2(Scart), 3, DVD	
	AV-output: Scart out, RF out	
Remote Control Unit		R-50F11(Required two 1.5V batteries type with AA size)
Dimention		890(W) X 573(H) X 560(D)mm
Weight		57 kg
Picture tube		32" Real Flat Type

2. CM-921F EEPROM Presetting DATA

1. Pre-setted Chanel for Australian

PR. No.	2	PAL	2CH	(64.25MHz)	for Austlaina Field Chanel
	7	PAL	7CH	(182.25MHz)	for Austlaina Field Chanel
	9	PAL	9CH	(196.25MHz)	for Austlaina Field Chanel
	10	PAL	10CH	(209.25MHz)	for Austlaina Field Chanel
	28	PAL	28CH	(527.25MHz)	for Austlaina Field Chanel

2. Pre-setted Chanel for Mass-production

PR. No.	30	PAL-B	10CH	(623.25MHz)	White/Black	-	For white balance
	31	PAL-B	2CH	(48.25MHz)	RETMA	400Hz 60% MOD. NICAM St. (L :1KHz, R :0KHz)	For Geometry & Nicam stereo check
	32	PAL-B	5CH	(175.25MHz)	CROSS HATCH	1KHz 60% MOD. 2-C Dual (Main:1KHz, Sub:5KHz)	For Geometry & 2-carrier dual check
	33	PAL-B	10CH	(210.25MHz)	COLOR BAR	400Hz 60% MOD.	For fuction check
	34	PAL-B	4CH	(62.25MHz)	DEM	1KHz 80% MOD. NICAM Dual(Main:1KHz, Sub:3KHz)	For fuction check
	35	SCM-B	12CH	(224.25MHz)	PHILIPS	SWEEP 60%(Standard:1KHz, 268Hz~4.2KHz)	For fuction check
	36	PAL-K	18CH	(511.25MHz)	RETMA	SWEEP 60%(Standard:1KHz, 268Hz~4.2KHz)	For fuction check
	37	PAL-I	31CH	(551.25MHz)	COLOR BAR	400Hz 60% MOD. NICAM St. (L :1KHz, R :0KHz)	For fuction check
	38	PAL-B	8CH	(196.25MHz)	RED	5KHz 60% MOD. 2-C St. (L :0KHz, R :5KHz)	For purity & 2-carrier stereo
	39	NTSC	3CH	(61.25MHz)	COLOR BAR	1KHz Korean Dual(1KHz,5KHz)	For NTSC
	40	NTSC	8CH	(181.25MHz)	RETMA	SWEEP (268Hz~4.2KHz)	For NTSC Geometry
	41	PAL-G	21CH	(471.25MHz)	R,B,W	1KHz 60% MOD.	reserved

* presetted channel for mass-production can be changed.

3. Pre-setted DATA for Adjusments

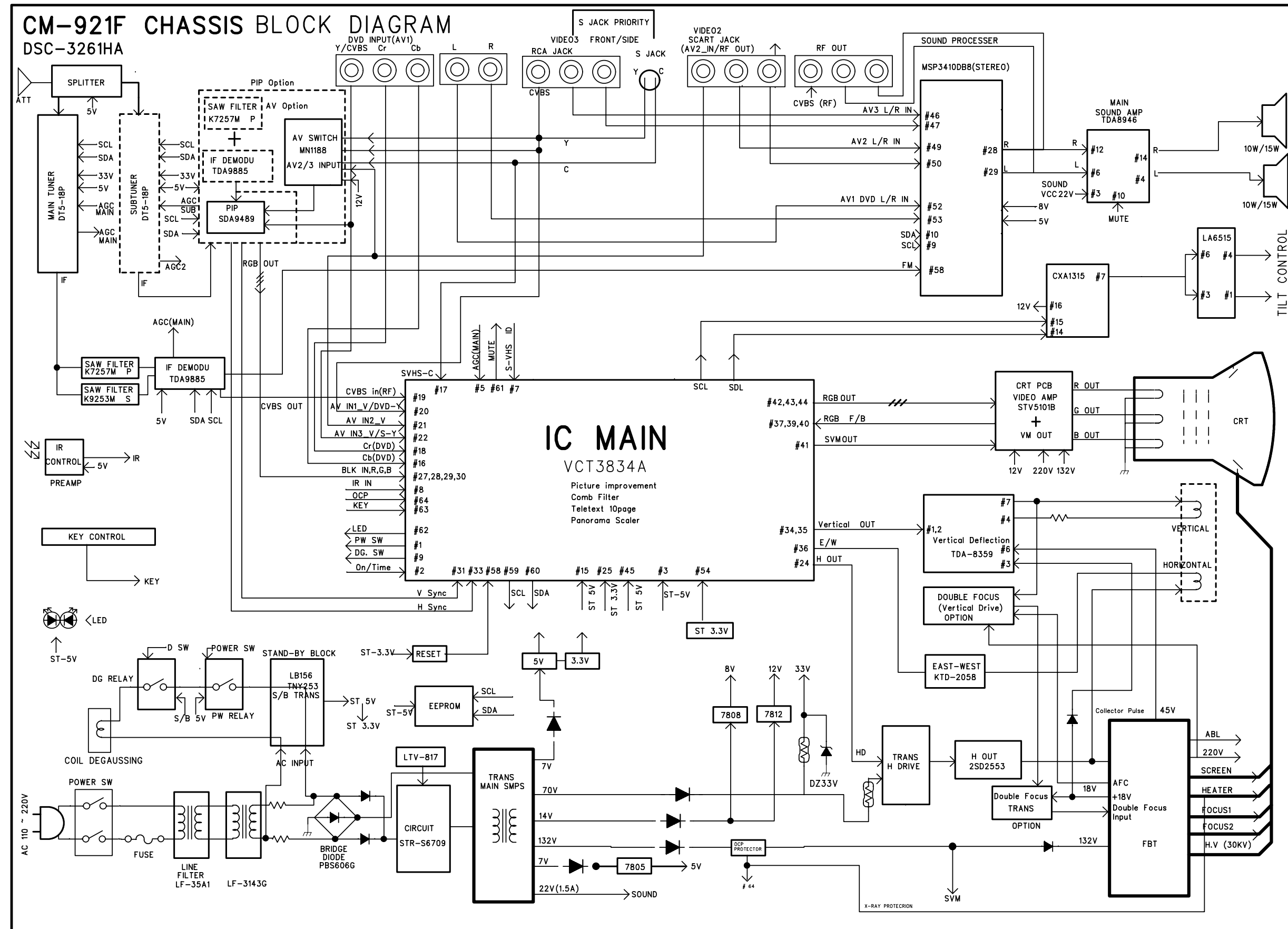
KEY	Name	Details	DSC-3261HA		remark
			PAL	NTSC	
S1	Heat-Run	-	-	-	
S2	Screen	-	-	-	Screen adjustments
S3	Sound Test	-	-	-	
S4	Picture Test	-	-	-	
S5	Timer LED test	-	-	-	
S6	Geometry	V-CENTER	+3095	+3927	
		V-SIZE	+151	+138	
		H-CENTER	+86	+87	
		H-SIZE	+1430	+1156	
		PARABOLA	-74	-170	
		EW TRAPEZ	+16	-19	
		CORNER	+40		
		H BOW	+83	+37	
		H PARALL	-18		
		V LINEAR	-03	-05	
		S CORRECT	+7		
		TILT	07		
S7	PIP	P H POS	30		
		P V POS	8		
		P R/G/B Peak	160/160/160		
		P CONT	7		
		P BRIGHT	0		
S8	WHITE BALANCE	R/G/B DRIVE	170/170/170		
		R/G/B BIAS	40/40/40		
S9	SUB PICTURE	SUB BRI.	17		
		SUB CONT.	07		
		BRM	127		
S10	AGC	AGC MAIN	13		
		AGC SUB	13		
S11	Not Use	-	-	-	
S12	Shipping	-	-	-	
SVC Main Menu	CONT	IBRM	50		For Changing SUB-Brightness Adjust Reference
		IBRM	340		For Changing Screen Adjust Reference

CM-921F EEPROM Presetting DATA

4. CPU option for Function Change

PIP	ON	with PIP		
	OFF	Without PIP		
Digital EYE	ON	Enable the Digital Sensor		
	OFF	Disable the Digital Sensor		
Language	ON	for all models, except NEC		
	OFF	Enable the English(NEC)		
34 Inch	ON	34"inch		
	OFF	32"inch		
TEXT sel.	LATIN	English,French,Swedish,Czech,German,Spanish,Italian,Estonian		※ Note : If OSD language & text selec. is different then Teletext depends on Text selec.
	EAST	English,Slovakian,Serbian,Albanian,Polish,Turkian,Rumanian		
	RUSSIA	English,Russian,Bulgaian,Ukrainian,Serbian,Montenegro		
	PERSIAN	English,Farsi		
	ARAB	English,Arabic		
	OFF	Teletext Language depends on OSD Language selection		
PARS LOGO.	ON	For PARS Elec		
	OFF	For all Model except PARS		
EXT PORT	ON	Wide		
	OFF	Normal		

3. circuit block Diagram



4. Alignment Instruction

1. SERVICE REMOCON & EEPROM PRESETTING DATA

1-1. SERVICE REMOCON : **R-34SVC** (S/N:48B3034SVC)

1-2. EEPROM PRESETTING DATA

KEY	Name	Details	DSC-3261HA		remark
			PAL	NTSC	
S1	Heat-Run	-	-	-	
S2	Screen	-	-	-	Screen adjustments
S3	Sound Test	-	-	-	
S4	Picture Test	-	-	-	
S5	Timer LED test	-	-	-	
S6	Geometry	V-CENTER	+3095	+3927	
		V-SIZE	+151	+138	
		H-CENTER	+86	+87	
		H-SIZE	+1430	+1156	
		PARABOLA	-74	-170	
		EW TRAPEZ	+16	-19	
		CORNER	+40		
		H BOW	+83	+37	
		H PARALL	-18		
		V LINEAR	-03	-05	
		S CORRECT	+7		
		TILT	07		
S7	PIP	P H POS	30		
		P V POS	8		
		P R/G/B Peak	160/160/160		
		P CONT	7		
		P BRIGHT	0		
S8	WHITE BALANCE	R/G/B DRIVE	170/170/170		
		R/G/B BIAS	40/40/40		
S9	SUB PICTURE	SUB BRI.	17		
		SUB CONT.	07		
		BRM	127		
S10	AGC	AGC MAIN	13		
		AGC SUB	13		
S11	Not Use	-	-	-	
S12	Shipping	-	-	-	
SVC Main Menu		CONT	50		For Changing SUB-Brightness Adjust Reference
		IBRM	340		For Changing Screen Adjust Reference

* Software option for Function Change

PIP	- ON : With PIP Models	
	- OFF : Without PIP Models	
Digital EYE	- ON : Enable the Digital Sensor	
	- OFF : Disable the Digital Sensor	
Language	- ON : Enable the all Language	- Multi OSD-Language
	- OFF : Enable the English	- Only English
34 Inch	- ON : For 34 inch Models	Change the Vertical
	- OFF : For 32 inch Models	Blanking puls width
TEXT sel.	LATIN : English,French,Swedish,Czech,German,Spanish,Italian,Estonian EAST : English, Slovakian,Hungarian,Serbian,Albanian,Polish,Turkian,Rumanian RUSSIA : English,Russian,Bulgaian,Ukrainian,Serbian,Montenegro PERSIAN : English,Farsi ARAB : English,Arabic OFF : Teletext Language depends on OSD Language selection ※ Note : If OSD language & text selec. is different then Teletext depends on Text selec.	
PARS LOGO	- ON : For PARS Elec. - OFF : For all Model except PARS	
EXT PORT	- ON : Wide - OFF : Normal	

2. The confirmation of Protection circuit

Protection circuit confirmation is omitted in case of mass production in the factory

2-1. Over Current Protecior (OCP) circuit confirmation

- 2-1-1. Receive PAL RETMA PATTERN(signal of company:2CH., PAL-B) and adjust STANDARD MODE in PICTURE.
- 2-1-2. Connect 1M Ω 1/2W between BASE of Q807 and GND, to confirm operating of PROTECTOR.
- 2-1-3. The next place, to confirm normal operation when the resister(1M Ω) is removed.”
- 2-1-4. After Main Power Switch OFF/ON, to confirm normal operation of picture and sound when turn the set on by remocon.

2-2. High Voltage Protecior (X-ray Protection) circuit confirmation.

- 2-2-1. Receive PAL RETMA PATTERN(signal of company:2CH., PAL-B), adjust CONTRAST&BRIGHTNESS to minimun.
- 2-2-2. Connect 1/6W 15K ohm to R413(1/6W 24K ohm) of POWER PCB in parallel. Confirm that operation of the SET is SHUT-DOWN condition(High Voltage Protector).
- 2-2-3. The next place, to confirm normal operation when the resister(15K Ω) is removed.”
- 2-2-4. After Main Power Switch OFF/ON, to confirm normal operation of picture and sound when turn the set on by remocon.

3. The adjustment of SCREEN

- 3-1. Confirm the presetting 'IBRM' data of EEPROM according to CRT.
 - 3-1-1. Default Value of IBRM : IBRM(34inch) = 320, IBRM(29inch Flat) = 340
- 3-2. Press the [S2] KEY of SVC Remocon, Screen-Adjustment OSD will be displayed.
- 3-3. Adjust SCREEN V/R of FBT to Screen-OSD-Bar come to center.
(Screen OSD numeral is between 28 and 34)
- 3-4. To be completed adjustment of screen. Press the [S2] key to escape screen adjustment mode.

4. The adjustment of FOCUS

- 4-1. Receive PAL CROSSHATCH pattern(signal of company:PAL-B 5 CH)
- 4-2. Adjust with the static focus volume on FBT to get a clear view of horizontal line.
- 4-3. Adjust with the dynamic focus volume on FBT to get a clear view of vertical line.
- 4-4. Repeat 4-2, 4-3, to get a clear picture.

5. The adjustment of WHITE BALANCE

- 5-1. NITSUKI Setting : Set Nitsuki to the 'Auto Mode', Reference to the 'B', and System to the 'PAL'.
- 5-2. Setting the Normal Stats
 - 5-2-1. Adjust Picture to Normal mode.
 - 5-2-2. Adjust the Gain of Nitsuki to suitability by manual when condition is Normal.
 - Adjust the standard illumination take within limit bright of Nitsuki and luminosity of SET into account.
 - Exhortative Standard illumination, 32inch : High 70Cd/m², LOW BEAM : about 15Cd/m²
 - 5-2-3. Press the [S8]key of SVC remocon to adjustment of Whit Balance.
X=0.270, Y=0.280
 - 5-2-4. Memorize in Nitsuki after Adjustment of White Balance.
- 5-3. Adjustment of White Balance
 - 5-3-1. Receive Nitsuki signal.
 - 5-3-2. Adjust Picture to Normal mode.
 - 5-3-3. The Adjustment of High Beam : Adjust R-DRIVE and G-DRIVE to R,G,B BAR come to center.
 - 5-3-4. The Adjustment of Low Beam : Adjust R-BIAS and G-BIAS to R,G,B BAR come to center.
 - 5-3-5. Repeat 5-3-3 and 5-3-4 to R,G,B BAR come to within center ± 1 .

6. The adjustment of AGC

- 6-1. Main and Sub AGC DATA are Fixed, but those can be adjusted in case of need.
- 6-2. Confirm the Main AGC and Sub AGC by pressing the [S10]key of SVC remocon.
Main AGC=13, Sub AGC=13

7. The adjustment of GEOMETRY

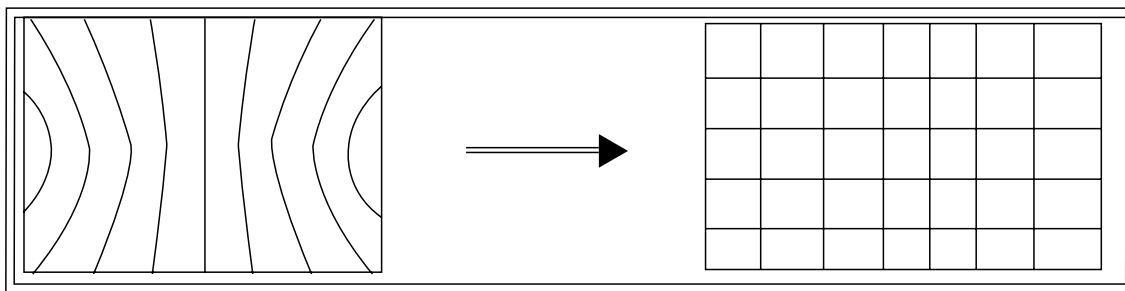
- 7-1. Press the [S-6]key on the SVC remocon to call up the Geometry mode.
And then, Geometry OSD will be displayed.
 - 7-1-1. All adjustment is base on PAL(50Hz), but it can be base on NTSC(60Hz) in case of need.
 - 7-1-2. Have regard to change of NTSC(60Hz)-Geometry when Geometry is adjusted in PAL(50Hz).
 - 7-1-2. Have regard to fixity of PAL(50Hz)-Geometry when Geometry is adjusted in NTSC(60Hz).
- 7-2. The adjustment of VERTICAL CENTER
 - 7-2-1. Receive PAL RETMA pattern(signal of company:PAL-B 2CH).
 - 7-2-2. Press the PR up/down Keys (▲/▼) to select V CENTER.
Adjust with Vol Up/Down (◀/▶) keys so that the center mark of the CRT may be located on the horizontal line in the middle of the pattern. In case of no center mark, adjust with Vol Up/Down (◀/▶) keys to obtain a vertically symmetrical pattern.
- 7-3. The adjustment of VERTICAL SIZE
 - 7-3-1. Receive PAL RETMA pattern(signal of company:PAL-B 2CH).
 - 7-3-2. Press the PR up/down Keys (▲/▼) to select V-SIZE.
Adjust with Vol Up/Down (◀/▶) keys sothat the upper and the lower of RETMA pattern may be located at the boundaries of the screen.
- 7-4. The adjustment of HORIZONTAL CENTER
 - 7-4-1. Receive PAL RETMA pattern(signal of company:PAL-B 2CH).
 - 7-4-2. Press the PR up/down Keys (▲/▼) to select V-SIZE.
Referring to the both side scales, adjust with Vol Up/Down (◀/▶) keys so that RETMA pattern may be symmetrical.
- 7-5. The adjustment of HORIZONTAL SIZE
 - 7-5-1. Receive PAL RETMA pattern(signal of company:PAL-B 2CH).
 - 7-5-2. Press the PR up/down Keys (▲/▼) to select V-SIZE.
Referring to the both side scale, adjust with Vol Up/Down (◀/▶) keys.

7-6. The adjustment of PINCUSHION

7-6-1. Receive PAL CROSSHATCH pattern(signal of company:PAL-B 5CH).

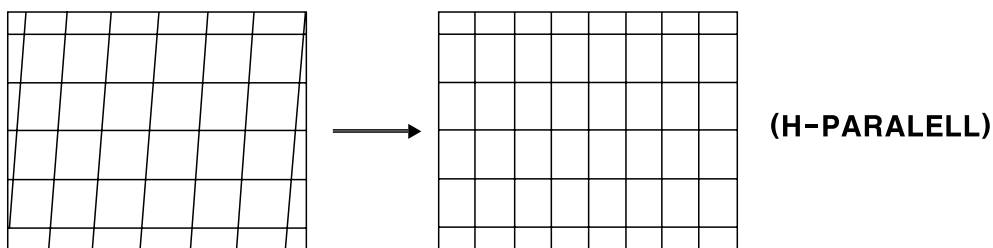
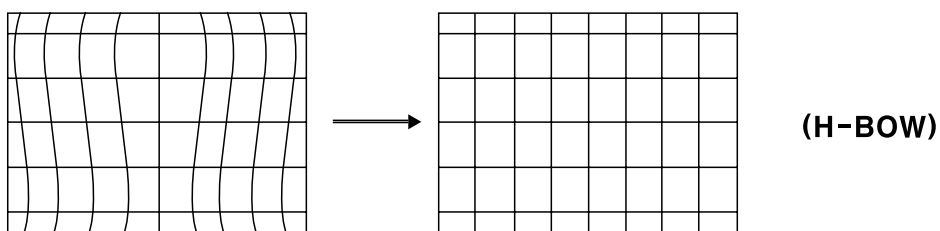
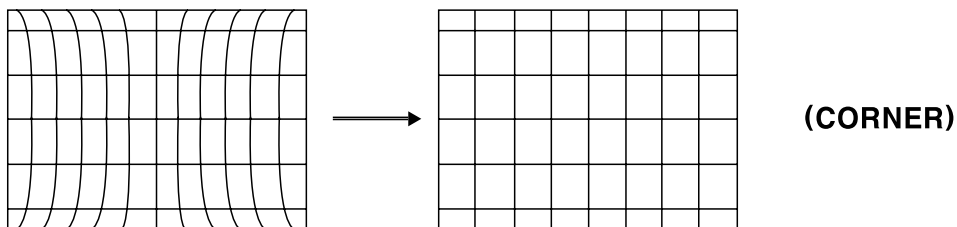
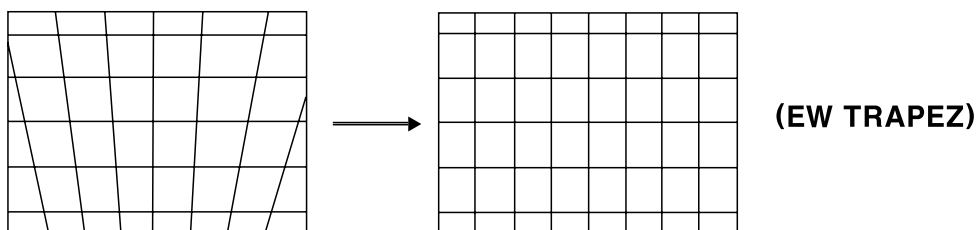
7-6-2. Press the PR up/down Keys (▲/▼) to select PARAVOLRA.

Referring to the 2th line of both side, adjust with Vol Up/Down (◀/▶) keys.



7-6-3. The other adjustment list of Pincushion

- ADJUSTMENT LIST : EW TRAPEZ, CORNER, H-BOW, H-PARALELL
- Fix adjustments of related Pincution(except EW PARA.) after EEPROM presetting, but those can be adjusted in case of need.



8-4. The adjustment of SUB-CONTRAST

8-4-1. Fix adjustment of SUB-CONTRAST after EEPROM DATA presetting.

8-4-2. Reference (Default value) : 07

9. THE ADJUSTMENT OF PIP

9-1. Receive PAL RETMA pattern(signal of company:PAL-B 2CH) and Color Bar.

9-2. Press the [S7] KEY of SVC Remocon, PIP-Adjustment OSD will be displayed.

9-3. Fix adjustment of PIP after EEPROM DATA presetting, but it can be adjusted in case of need.

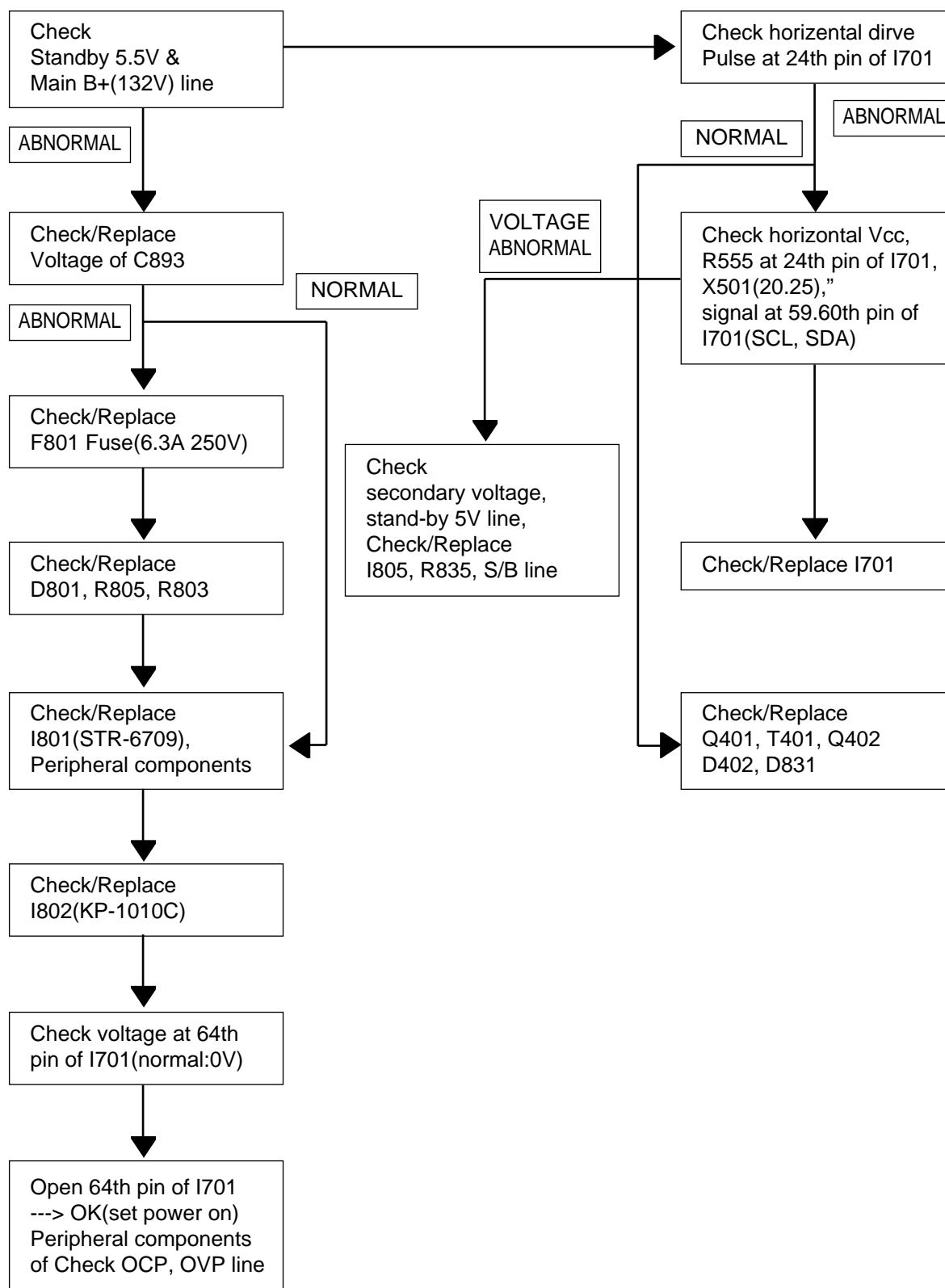
9-4. Adjust PIP after GEOMETRY, WHITE BALANCE and SUB-BRIGHT are adjusted.

9-5. List of adjustment

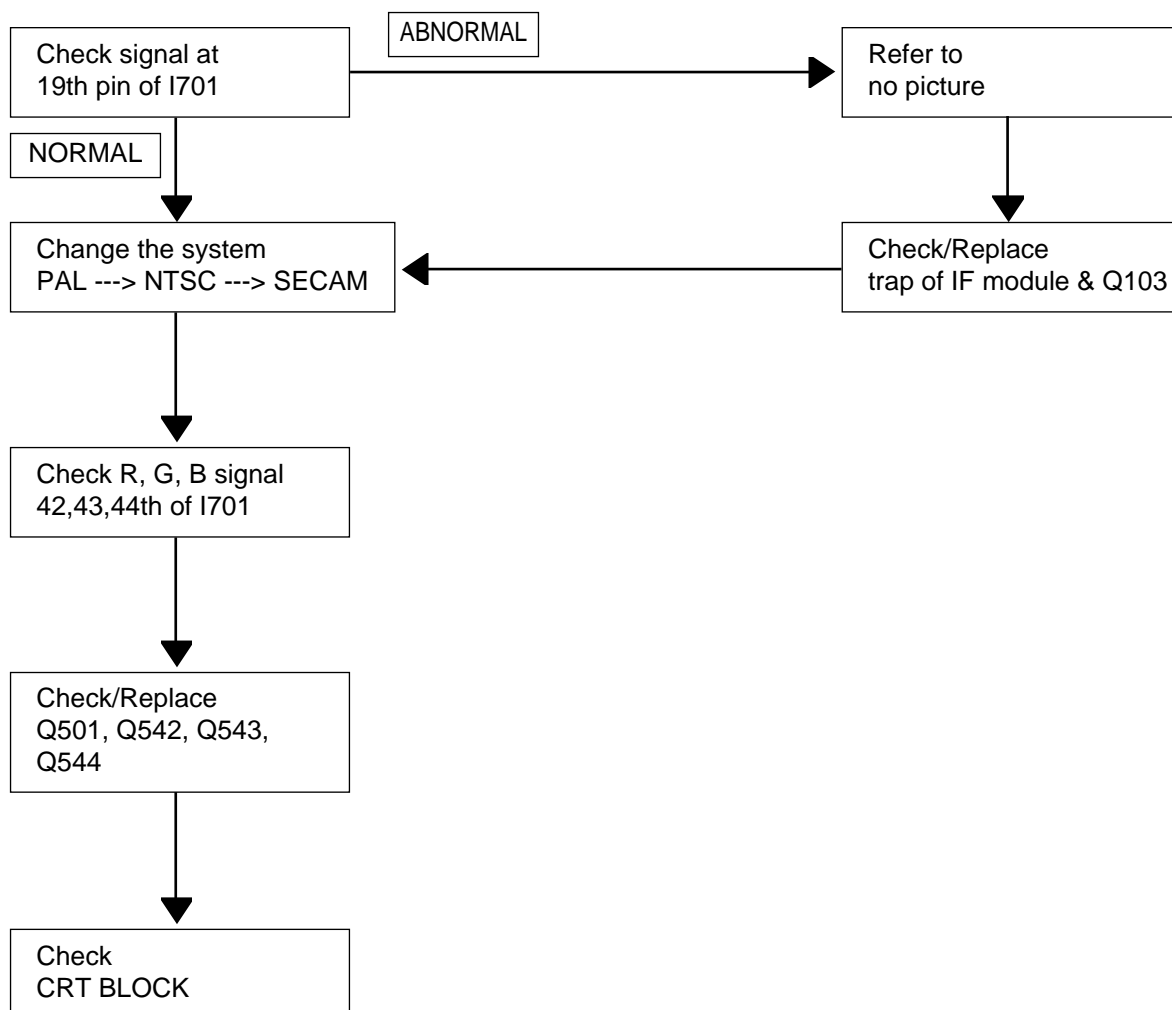
- 1) PIP H POSITON : Adjustment of H-position Sub-Picture,
Should use caution in adjustment because horizontal position of 2PIC & Search-Picture(3PIC,9PIC,12PIC) are changed.
(Reference : Presetting Value of EEPROM = 30)
- 2) PIP V POSITON : Adjustment of V-position of Sub-Picture,
Should use caution in adjustment because vertical position of 2PIC & Search-Picture(3PIC,9PIC,12PIC) are changed.
(Reference : Presetting Value of EEPROM = 08)
- 3) PIP R/G/B Peak : Adjustment of Gain of PIP IC R,G,B Output
(Reference : Presetting Value of EEPROM = 160)
- 4) CONTRAST : Adjustment of AC Gain(Contrast) of PIP IC RGB Output
(Reference : Presetting Value of EEPROM = 07)
- 5) P BRIGHT : Adjustment of DC Level(SUB BRIGHT) of PIP IC RGB Output
(Reference : Presetting Value of EEPROM = 00)

5. Trouble Shooting Charts

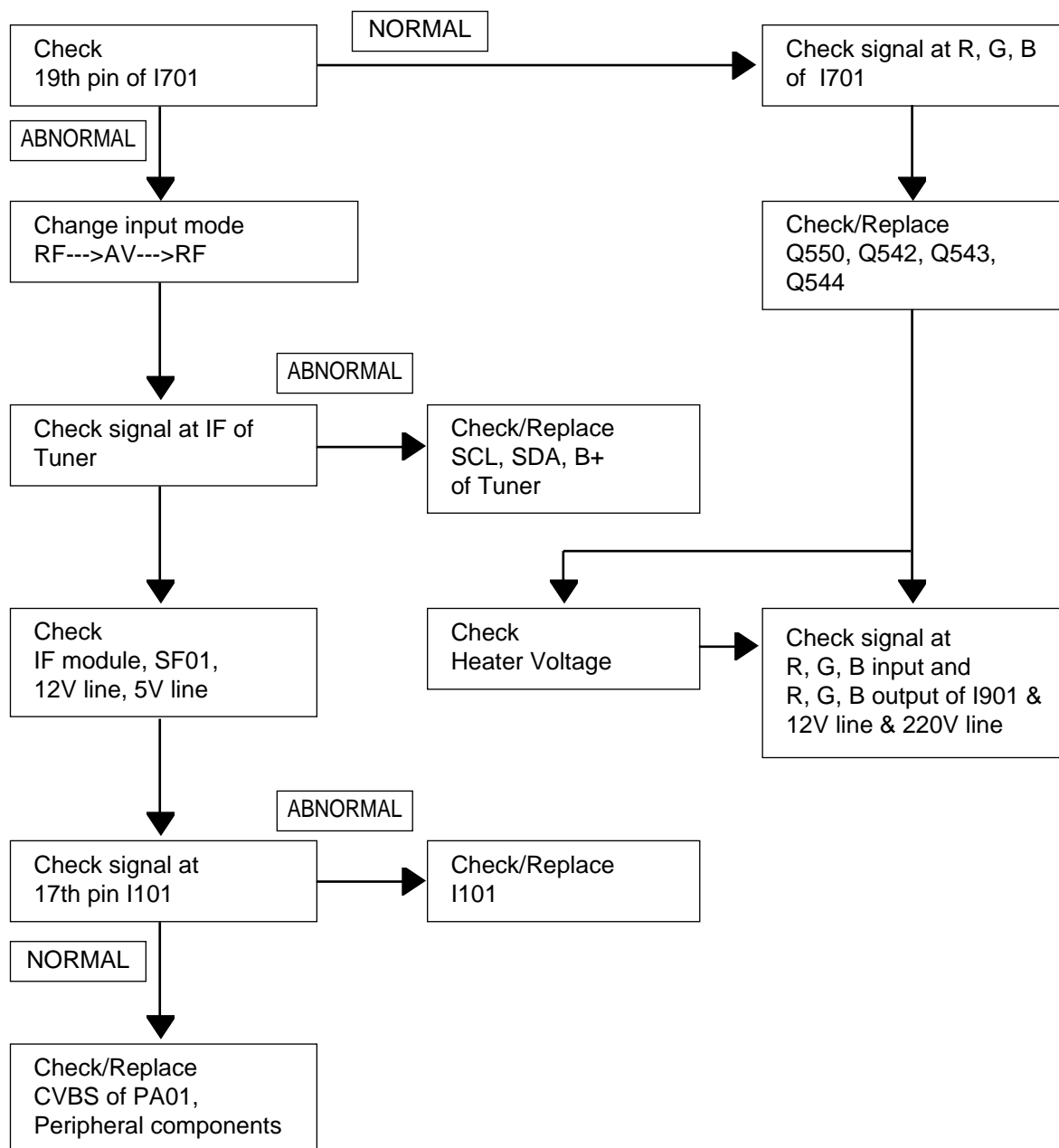
1. NO RASTER



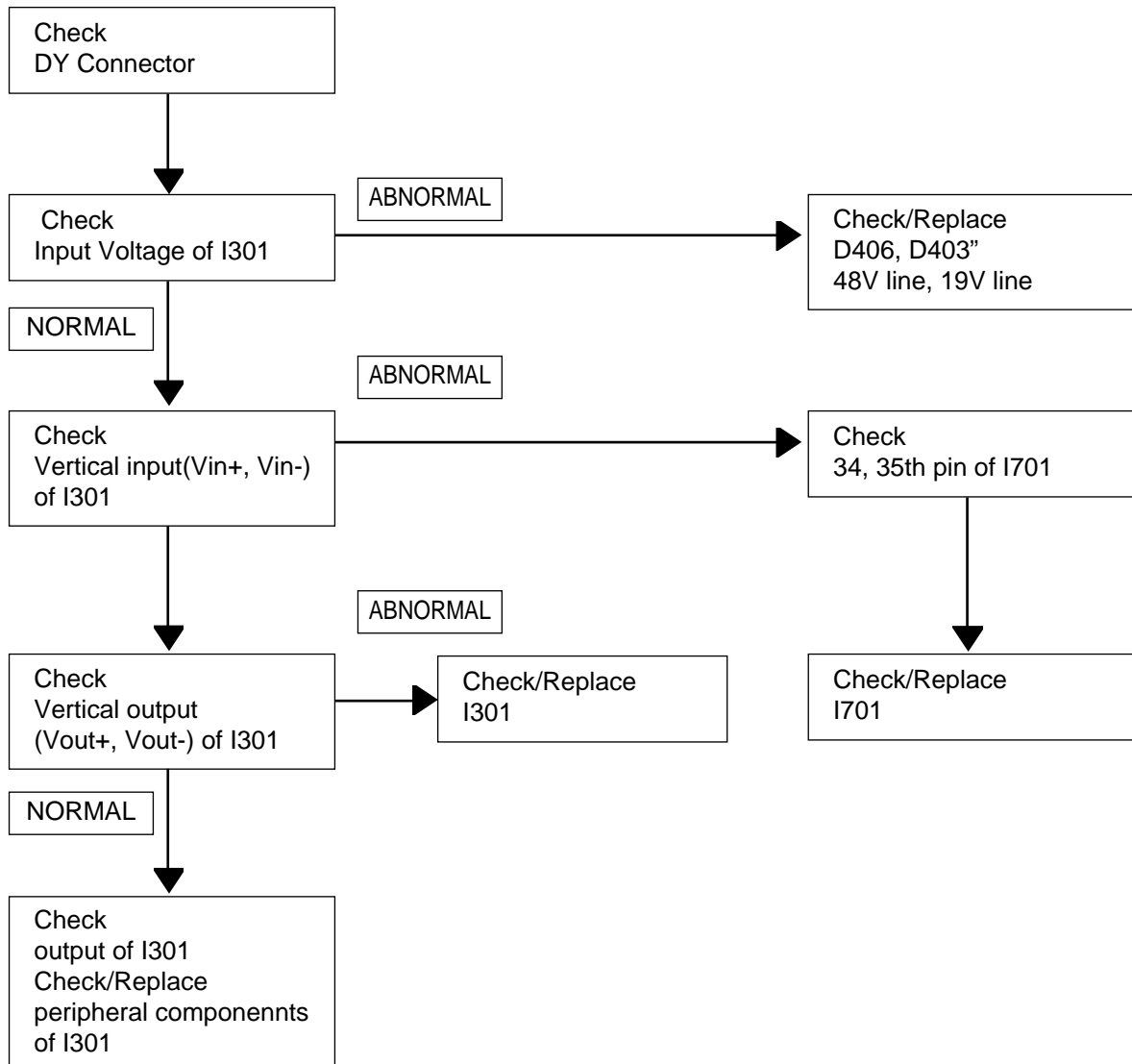
2. NO COLOR



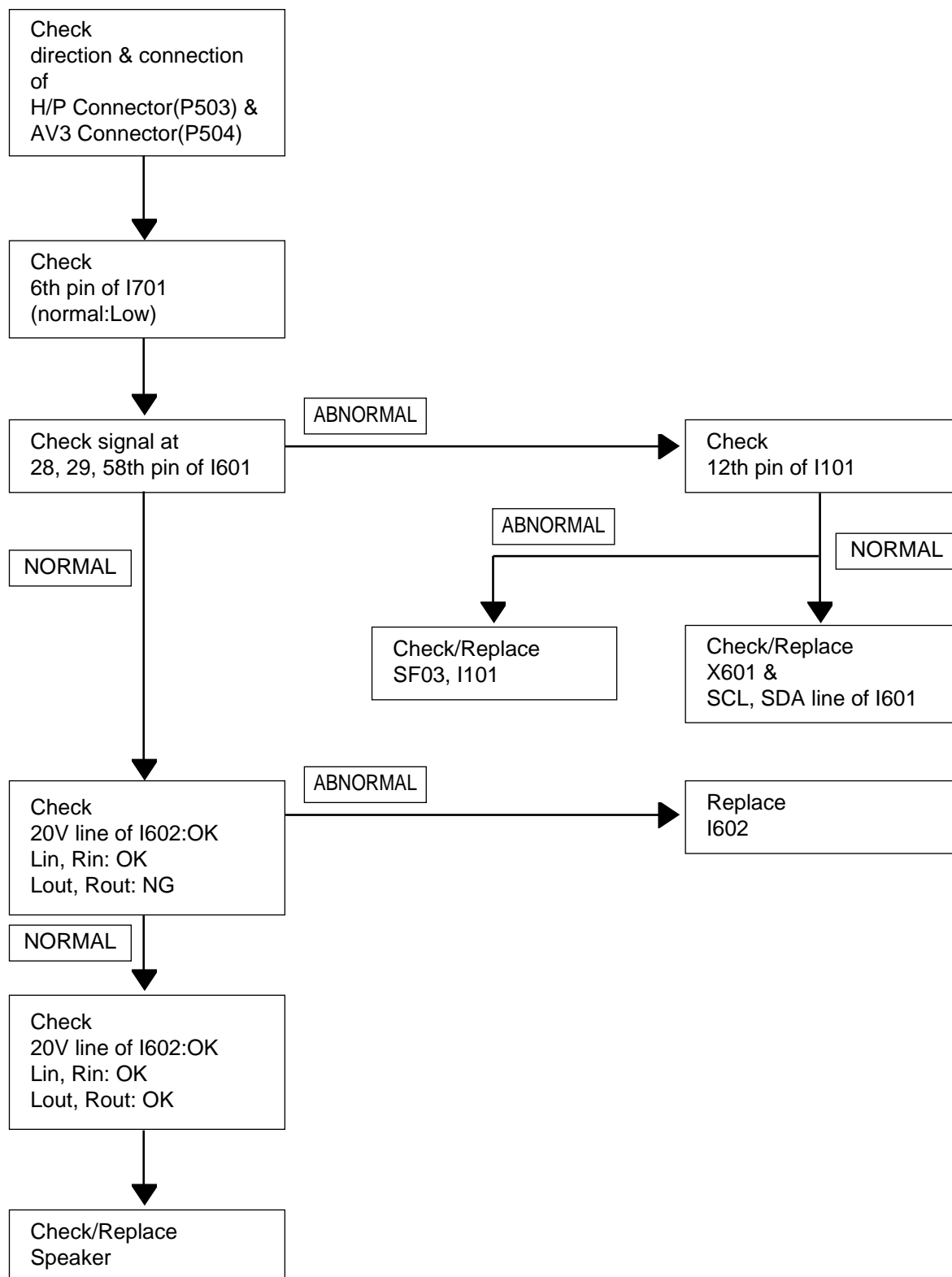
3. NO PICTURE



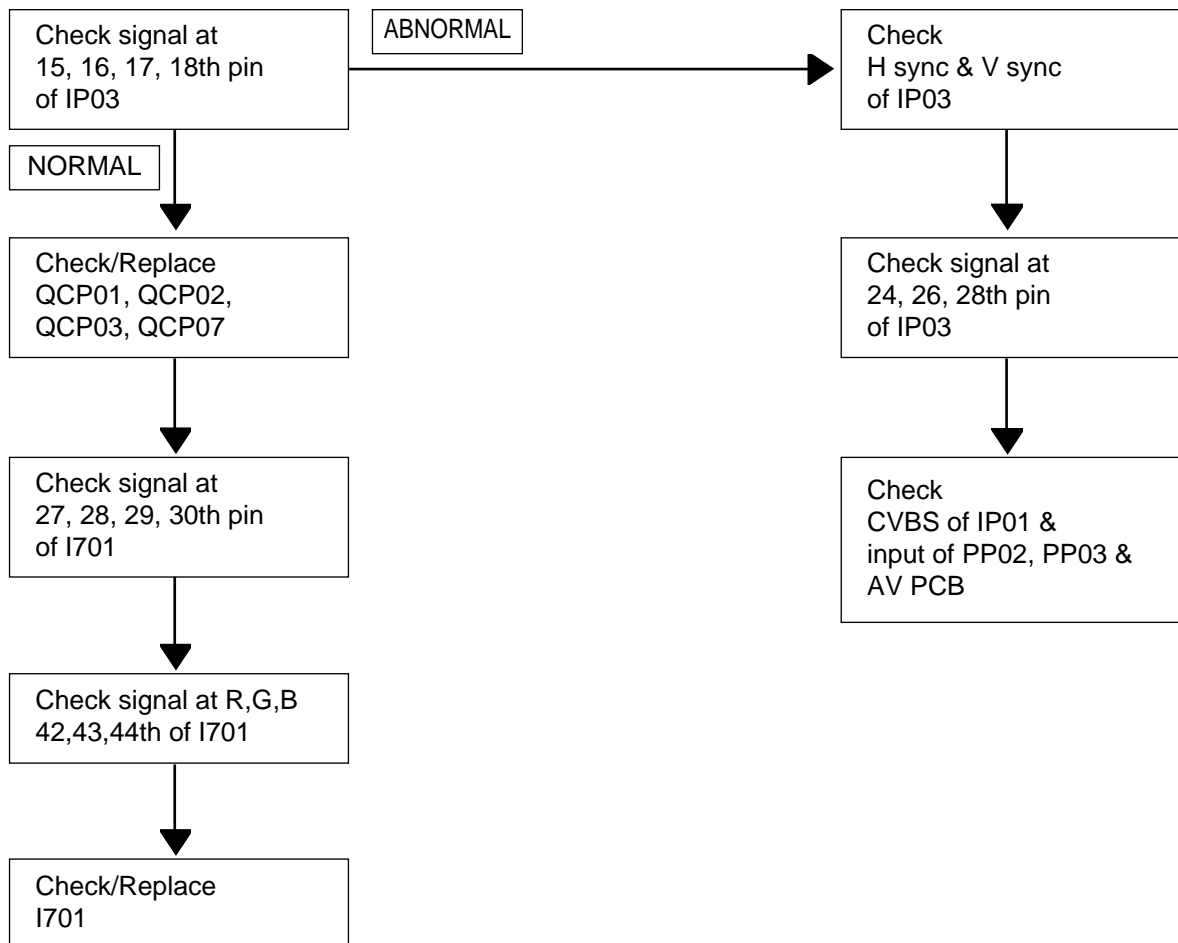
4. NO VERTICAL SCANNING(ONE HORIZONTAL LINE RASTER)



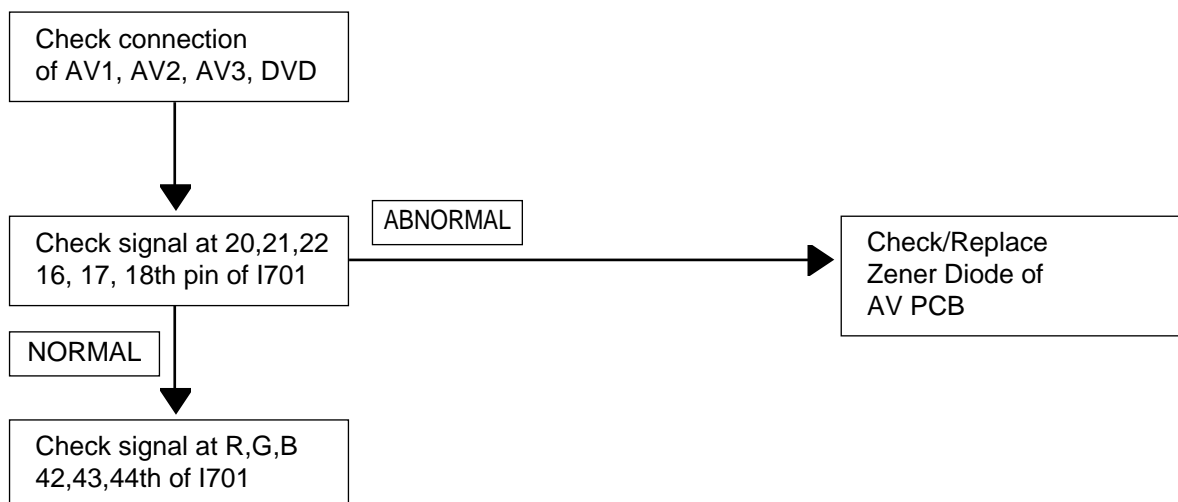
5. NO SOUND(PICTURE OK)



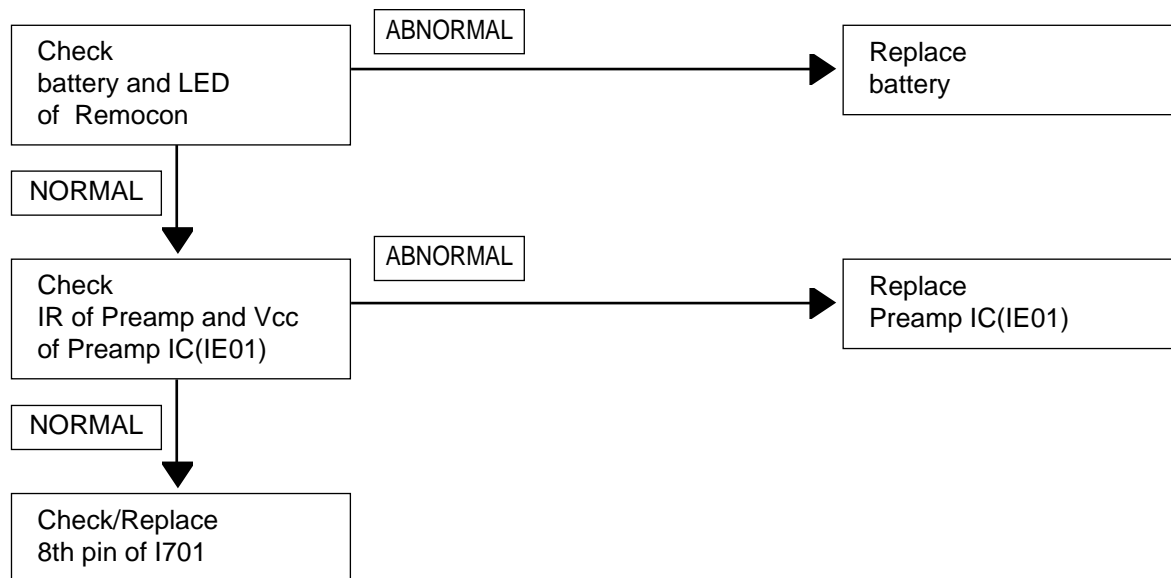
6. NO PIP



7. NO EXTERNAL AV(RF OK)



8. REMOTE CONTROL UNIT TROUBLE



6. Part list (DSC-3261HA)

Caution ® is a recommendable part for stock.

⚠ safety component, so it must be used the same component.

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK	LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
ZZ110	PTACPWD713	ACCESSORY AS	DSC-3261HA		M252	4952500200	GRILL SPKR L	PS SHEET T0.6 GY	
00010	4850Q00810	BATTERY	R6P/LN		M481	4954800301	BUTTON POWER	ABS GY	
00060	48586789K1	MANUAL INSTRUCTION	DTQ-29X9		M481A	4856716000	SPRING	SWPA PIE0.5	
M821	4858213801	BAG INSTRUCTION	L.D.P.E T0.05X250X400		M561	4855622900	MARK BRAND	DIACUTTING(NEC)	
ZZ100	48B5450F11	TRANSMITTER REMOCON	R-50F11 (AA)		ZZ210	PTSPPWD713	SPEAKER AS	DSC-3261HA	
ZZ120	PTBCSHD713	COVER BACK AS	DSC-3261HA		SP01	48A8306600	SPEAKER SYSTEM	SS-78128F07	
M211	4952100110	COVER BACK	FR HIPS		ZZ290	PTMPMSD713	PCB MAIN MANUAL AS	DSC-3261HA	
M781	4857817612	CLOTH BLACK	FELT 250X20X0.7		30	2291050616	FLUX SOLDER	JS-64T3	
M782	4857817630	CLOTH BLACK	FELT 400X20X0.7		40	2291050301	FLUX SOLVENT	IM-1000	
ZZ130	PTPKCPD713	PACKING AS	DSC-3261HA		I504	1LP295033-	IC REGULATOR	LP2950 3.3V	®
10	6520010100	STAPLE PIN	AUTO W65		I505	1K78R33—	IC REGULATOR	KIA78R33API	®
M681	4856812400	BAND PP AUTO	T1.1XW17mmXL770M		I506	1K78R33—	IC REGULATOR	KIA78R33API	®
M801	4958002600	BOX CARTON	DW-4		I601	1MSP3410V3	IC SOUND PROCESSOR	MSP3410G-PP-B8-V3	
M811	4958102600	PAD	EPS C/SKD TYPE1		I602	PTE2SW3335	HEAT SINK ASS'Y	1TDA8946J- + 7174301011	
M821	4958200701	BAG P.E	FOAM T0.5X1880X1380		00001	1TDA8946J-	IC AUDIO AMP	TDA8946J	®
ZZ131	49519A0110	CRT GROUND NET	DSC-3210E		0000A	4857023335	HEAT SINK	AL EX T3.0	
ZZ132	58GD000004	COIL DEGAUSSING	DC-3200(D)	⚠	0000B	7174301011	SCREW TAPPTITE	TT2 RND 3X10 MFZN	
ZZ140	PTCAD713	CABINET AS	DSC-3261HA		I701	1V3834920F	IC MICOM FLASH COB	VCT3834-CP920F	®
M191	4951900100	DECO SPKR AS	5900100+7800100+7800101		I702	1M24C16BN6	IC MEMORY	M24C16-BN6	®
M201A	7178301212	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK		I707	1LA6515—	IC OP AMP	LA6515	®
M201B	7178301212	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK		I708	1CXA1315P-	IC CONVERTER	CXA1315	®
M211A	7172401612	SCREW TAPPTITE	TT2 TRS 4X16 MFZN BK		JJK1	4859111750	JACK PIN BOARD	PH-JB-9515	
M211B	7172401612	SCREW TAPPTITE	TT2 TRS 4X16 MFZN BK		M352	4953500100	HOLDER CORD	FR HIPS	
M211C	7172401612	SCREW TAPPTITE	TT2 TRS 4X16 MFZN BK		M352A	7172401412	SCREW TAPPTITE	TT2 TRS 4X14 MFZN BK	
M211D	7172401612	SCREW TAPPTITE	TT2 TRS 4X16 MFZN BK		M361B	7172401412	SCREW TAPPTITE	TT2 TRS 4X14 MFZN BK	
M211E	7172401612	SCREW TAPPTITE	TT2 TRS 4X16 MFZN BK		M361C	7178301212	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK	
M351	4853526600	HOLDER CORD	NYLON6(DACB-183)		M381	4853812800	FRAME MAIN PCB	FR HIPS BK	
M351A	7172401612	SCREW TAPPTITE	TT2 TRS 4X16 MFZN BK		M381A	7178301212	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK	
M371	4853745100	RETA PLATE	PVC T0.5		M681	4956800100	CLAMP WIRE	STL-J-600-6M-01	
M491	4954900111	BUTTON CH	ABS		P001	4859281020	CONN WAFER	TAC-L15X-A3	
M491A	7178301212	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK		P002	4859281020	CONN WAFER	TAC-L15X-A3	
M541	4955400100	SPEC PLATE	P.E FILM 91.5X63		P003	4859249420	CONN WAFER	YF254-08	
M581	49558001A0	LABEL	CAEAR STICKER(ENERGY STA		P004	4859249620	CONN WAFER	YF254-10	
M681	4856816300	CLAMP WIRE	NYLON 6 (V0)		P007	4859249620	CONN WAFER	YF254-10	
M682	4856812001	TIE CABLE	NYLON66 DA100		P009	4859249220	CONN WAFER	YF254-06	
M901A	4956000100	SCREW CRT FIX	SWRM10A L=35		P703	4859235320	CONN WAFER	YW025-10	
M901B	4856215404	WASHER RUBBER	CR T4.0		PA03	4859231910	CONN HOUSING	BH254-10	
SP01A	7172401612	SCREW TAPPTITE	TT2 TRS 4X16 MFZN BK		PA04	4859231910	CONN HOUSING	BH254-10	
ZZ200	PTFMSJD713	MASK FRONT AS	DSC-3261HA		PA601	4850703S29	CONNECTOR	YH025-03+YST025+USW=300	
M201	4952000100	MASK FRONT	FR HIPS GY		U100	4859722730	TUNER VARACTOR	TECC2849PG35W	
M201C	4857818701	CLOTH BLACK	FELT T0.7 L=250 W=15		U101	4859722730	TUNER VARACTOR	TECC2849PG35W	
M201D	4857818701	CLOTH BLACK	FELT T0.7 L=250 W=15		U102	4850M04510	MODULE RF	PH-RF-9904A	
M251	4952500100	GRILL SPKR R	PS SHEET T0.6 GY		U102A	4859003750	PLUG PHONE AS	PLUG+CABLE 1365AWG26=150B	

Part List

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK	LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
U102B	4859003750	PLUG PHONE AS	PLUG+CABLE 1365AWG26=150B		C560	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
X501	5XE20R250E	CRYSTAL QUARTZ	HC-49/U 20.2500MHZ 30PPM		C561	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
X601	5XE18R432E	CRYSTAL QUARTZ	HC-49/U 18.43200MHZ 30PPM		C562	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
ZZ200	PTMPJ0D713	PCB MAIN (RHU) AS	DSC-3261HA		C563	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C504	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP		C564	CEXF1C331V	C ELECTRO	16V RSS 330MF (8X11.5) TP	
C549	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP		C565	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C593	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP		C566	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
C604	CEXF1E102V	C ELECTRO	25V RSS 1000MF (13X20) TP		C573	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C716	CEXF1C222V	C ELECTRO	16V RSS 2200MF (16X31.5) TP		C575	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP	
ZZ200	PTMPJBD713	PCB MAIN M-10 AS	DSC-3261HA		C590	CXCH1H309C	C CERA	50V CH 3PF C	
10	2TM18006BE	TAPE MASKING	6.2X500		C591	CXCH1H309C	C CERA	50V CH 3PF C	
P502	485923202S	CONN WAFER	YW025-07 (STICK)		C592	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	
P504	485923522S	CONN WAFER	YW025-09 (STICK)		C605	CEXF1H470V	C ELECTRO	50V RSS 47MF (6.3X11) TP	
P507	485923192S	CONN WAFER	YW025-06 (STICK)		C608	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
P508	485923172S	CONN WAFER	YW025-04 (STICK)		C610	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
P601	485923172S	CONN WAFER	YW025-04 (STICK)		C611	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	
P604	485923162S	CONN WAFER	YW025-03 (STICK)		C612	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
P701	485923202S	CONN WAFER	YW025-07 (STICK)		C613	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
P702	485923202S	CONN WAFER	YW025-07 (STICK)		C614	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
P704	485923162S	CONN WAFER	YW025-03 (STICK)		C615	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
PA05	485923522S	CONN WAFER	YW025-09 (STICK)		C616	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
ZZ200	PTMPJRD713	PCB MAIN RADIAL AS	DSC-3261HA		C620	CXCH1H509D	C CERA	50V CH 5PF D (TAPPING)	
C201	CEXF1H220V	C ELECTRO	50V RSS 22MF (5X11) TP		C621	CXCH1H509D	C CERA	50V CH 5PF D (TAPPING)	
C204	CEXF1H470V	C ELECTRO	50V RSS 47MF (6.3X11) TP		C623	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
C205	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		C624	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
C207	CEXF1H470V	C ELECTRO	50V RSS 47MF (6.3X11) TP		C626	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C210	CEXF1H220V	C ELECTRO	50V RSS 22MF (5X11) TP		C630	CEXF1H470V	C ELECTRO	50V RSS 47MF (6.3X11) TP	
C211	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		C634	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C212	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		C650	CEXF1E221V	C ELECTRO	25V RSS 220MF (8X11.5) TP	
C501	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP		C651	CMXM2A222J	C MYLAR	100V 2200PF J (TP)	
C502	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP		C660	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C505	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)		C661	CMXM2A224J	C MYLAR	100V 0.22MF J	
C507	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)		C662	CMXM2A224J	C MYLAR	100V 0.22MF J	
C508	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP		C665	CMXM2A222J	C MYLAR	100V 2200PF J (TP)	
C511	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		C667	CMXM2A222J	C MYLAR	100V 2200PF J (TP)	
C519	CMXM2A224J	C MYLAR	100V 0.22MF J		C668	CMXM2A224J	C MYLAR	100V 0.22MF J	
C520	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP		C669	CMXM2A224J	C MYLAR	100V 0.22MF J	
C521	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP		C671	CMXM2A103J	C MYLAR	100V 0.01MF J (TP)	
C522	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP		C672	CMXM2A103J	C MYLAR	100V 0.01MF J (TP)	
C525	CEXF1H470V	C ELECTRO	50V RSS 47MF (6.3X11) TP		C673	CMXM2A103J	C MYLAR	100V 0.01MF J (TP)	
C534	CMXM2A683J	C MYLAR	100V 0.068MF J (TP)		C674	CMXM2A103J	C MYLAR	100V 0.01MF J (TP)	
C535	CMXM2A683J	C MYLAR	100V 0.068MF J (TP)		C715	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C536	CMXM2A683J	C MYLAR	100V 0.068MF J (TP)		C718	CCXB1H103K	C CERA	50V B 0.01MF K	
C546	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP		C731	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	
C550	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP		C734	CMXL2E474J	C MYLAR	MEU 250V 0.47MF J	
C551	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP		C735	CMXL2E474J	C MYLAR	MEU 250V 0.47MF J	
C553	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		C736	CEXF1H470V	C ELECTRO	50V RSS 47MF (6.3X11) TP	

Part List

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK	LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
C737	CEXF1H470V	C ELECTRO	50V RSS 47MF (6.3X11) TP		C512	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
C738	CEXF1H470V	C ELECTRO	50V RSS 47MF (6.3X11) TP		C513	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
CA01	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		C514	CCZB1H221K	C CERA	50V B 220PF K (AXIAL)	
CA02	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		C515	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	
CA03	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP		C516	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	
CA39	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP		C526	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
CA40	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		C528	CCZF1H223Z	C CERA	50V F 0.022MF Z	
CA41	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		C529	CCZF1H223Z	C CERA	50V F 0.022MF Z	
CA50	CEXF1H470V	C ELECTRO	50V RSS 47MF (6.3X11) TP		C530	CCZF1H223Z	C CERA	50V F 0.022MF Z	
CA51	CEXF1H220V	C ELECTRO	50V RSS 22MF (5X11) TP		C545	CCZF1H103Z	C CERA	50V F 0.01MF Z	
D202	DUZP33B—	DIODE ZENER	UZP 33B		C547	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
D203	DUZP33B—	DIODE ZENER	UZP 33B		C548	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
I604	1K1A7042AP	IC REGULATOR	KIA7042AP		C554	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
I706	1K1A7025AP	IC RESET	KIA7025AP		C567	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
Q202	TKTC3198Y-	TR	KTC3198Y		C568	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
Q501	TKTC3198Y-	TR	KTC3198Y		C569	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
Q542	TKTA1266Y-	TR	KTA1266Y (TP)		C570	CCZB1H151K	C CERA	50V B 150PF K (AXIAL)	
Q543	TKTA1266Y-	TR	KTA1266Y (TP)		C578	CZCH1H471J	C CERA	CH 50V 470PF J AXIAL 52MM	
Q544	TKTA1266Y-	TR	KTA1266Y (TP)		C579	CZCH1H471J	C CERA	CH 50V 470PF J AXIAL 52MM	
Q550	TKTC3198Y-	TR	KTC3198Y		C580	CCXB1H471K	C CERA	50V B 470PF K (TAPPING)	
Q590	TKTC3198Y-	TR	KTC3198Y		C582	CCXB1H471K	C CERA	50V B 470PF K (TAPPING)	
Q591	TKTC3198Y-	TR	KTC3198Y		C583	CCZF1H103Z	C CERA	50V F 0.01MF Z	
Q599	TKTA1266Y-	TR	KTA1266Y (TP)		C584	CCXB1H471K	C CERA	50V B 470PF K (TAPPING)	
Q608	TKTA1266Y-	TR	KTA1266Y (TP)		C586	CCXB1H471K	C CERA	50V B 470PF K (TAPPING)	
Q701	TKTC3198Y-	TR	KTC3198Y		C587	CCZB1H221K	C CERA	50V B 220PF K (AXIAL)	
Q702	TKTA1266Y-	TR	KTA1266Y (TP)		C589	CZCH1H471J	C CERA	CH 50V 470PF J AXIAL 52MM	
Q741	TKTC3198Y-	TR	KTC3198Y		C594	CCZB1H561K	C CERA	50V B 560PF K	
QA01	TKTC3198Y-	TR	KTC3198Y		C601	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	
QA02	TKTC3198Y-	TR	KTC3198Y		C603	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	
QA03	TKTC3198Y-	TR	KTC3198Y		C617	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
QA04	TKTC3198Y-	TR	KTC3198Y		C622	CCZF1H103Z	C CERA	50V F 0.01MF Z	
QA05	TKTC3198Y-	TR	KTC3198Y		C629	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
QA10	TKTC3198Y-	TR	KTC3198Y		C631	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
QA11	TKTC3198Y-	TR	KTC3198Y		C635	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	
QA22	TKTC3198Y-	TR	KTC3198Y		C639	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	
ZZ200	PTMPJAD713	PCB MAIN AXIAL AS	DSC-3261HA		C640	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	
10	2TM14006LB	TAPE MASKING	3M #232 6.0X2000M		C641	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	
20	2TM10006LB	TAPE MASKING	3M #232-MAP-C 6.2X2000M		C642	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
A001	4859815492	PCB MAIN	330X246 DIB		C666	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
C202	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)		C690	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
C203	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)		C732	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
C208	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)		CA20	CCXB1H471K	C CERA	50V B 470PF K (TAPPING)	
C209	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)		CA21	CCXB1H471K	C CERA	50V B 470PF K (TAPPING)	
C503	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z		CA22	CCXB1H471K	C CERA	50V B 470PF K (TAPPING)	
C506	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z		CA23	CCXB1H471K	C CERA	50V B 470PF K (TAPPING)	
C509	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z		D506	D1N4148—	DIODE	1N4148 (TAPPING)	
C510	CCZF1H473Z	C CERA	50V F 0.047MF Z		D540	DUZ7R5BM—	DIODE ZENER	UZ-7.5BM	

Part List

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK	LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
D541	DUZ7R5BM—	DIODE ZENER	UZ-7.5BM		J501	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D542	DUZ7R5BM—	DIODE ZENER	UZ-7.5BM		J502	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D550	D1N4148—	DIODE	1N4148 (TAPPING)		J503	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D551	D1N4148—	DIODE	1N4148 (TAPPING)		J504	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D601	D1N4148—	DIODE	1N4148 (TAPPING)		J505	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D602	D1N4148—	DIODE	1N4148 (TAPPING)		J508	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D605	D1N4148—	DIODE	1N4148 (TAPPING)		J510	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D606	D1N4148—	DIODE	1N4148 (TAPPING)		J511	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D701	DUZ7R5BM—	DIODE ZENER	UZ-7.5BM		J512	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D703	D1N4148—	DIODE	1N4148 (TAPPING)		J513	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D719	D1N4148—	DIODE	1N4148 (TAPPING)		J514	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D720	DUZ9R1BM—	DIODE ZENER	UZ-9.1BM		J515	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D770	D1N4148—	DIODE	1N4148 (TAPPING)		J516	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
DA01	DUZ7R5BM—	DIODE ZENER	UZ-7.5BM		J517	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
DA02	DUZ7R5BM—	DIODE ZENER	UZ-7.5BM		J518	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
DA03	DUZ5R6BM—	DIODE ZENER	UZ-5.6BM		J521	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
DA05	DUZ5R6BM—	DIODE ZENER	UZ-5.6BM		J522	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
DA07	DUZ5R6BM—	DIODE ZENER	UZ-5.6BM		J524	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
DA10	DUZ5R6BM—	DIODE ZENER	UZ-5.6BM		J525	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J201	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J526	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J202	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J527	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J203	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J528	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J204	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J529	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J205	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J530	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J206	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J531	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J210	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J532	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J211	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J533	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J212	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J534	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J213	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J535	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J214	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J537	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J215	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J538	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J216	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J541	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J217	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J543	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J219	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J544	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J220	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J546	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J221	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J547	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J222	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J552	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J223	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J560	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J225	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J565	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J230	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J570	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J240	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J580	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J241	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J581	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J250	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J585	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J251	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J587	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J261	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J588	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J296	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J589	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J297	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J590	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	

Part List

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK	LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
J604	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JA08	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J605	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JA09	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J606	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JA15	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J610	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JA16	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J611	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JA18	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J612	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L101	5CPZ479K02	COIL PEAKING	4.7UH K (AXIAL 3.5MM)	
J613	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L201	5CPZ479K02	COIL PEAKING	4.7UH K (AXIAL 3.5MM)	
J614	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L502	5CPZ479K02	COIL PEAKING	4.7UH K (AXIAL 3.5MM)	
J615	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L510	5CPZ479K02	COIL PEAKING	4.7UH K (AXIAL 3.5MM)	
J620	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L511	5CPZ150K02	COIL PEAKING	15UH K (AXIAL 3.5MM)	
J630	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L520	5CPZ101K02	COIL PEAKING	100UH K (AXIAL 3.5MM)	
J631	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L535	5CPZ479K02	COIL PEAKING	4.7UH K (AXIAL 3.5MM)	
J640	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L536	5CPZ479K02	COIL PEAKING	4.7UH K (AXIAL 3.5MM)	
J705	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L537	5CPZ479K02	COIL PEAKING	4.7UH K (AXIAL 3.5MM)	
J706	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L601	5CPZ479K02	COIL PEAKING	4.7UH K (AXIAL 3.5MM)	
J710	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L602	5CPZ479K02	COIL PEAKING	4.7UH K (AXIAL 3.5MM)	
J711	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L605	5CPZ330K02	COIL PEAKING	33UH K (AXIAL 3.5MM)	
J712	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L650	5MC0000100	COIL BEAD	HC-3550	
J713	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L705	5CPZ479K02	COIL PEAKING	4.7UH K (AXIAL 3.5MM)	
J714	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		LA10	5CPZ479K02	COIL PEAKING	4.7UH K (AXIAL 3.5MM)	
J715	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R204	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
J716	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R205	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
J717	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R213	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
J718	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R216	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J	
J720	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R217	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
J721	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R218	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
J725	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R221	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
J726	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R222	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
J735	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R500	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
J738	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R501	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
J739	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R502	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
J741	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R504	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
J742	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R505	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
J746	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R506	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
J747	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R507	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
J748	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R511	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
J749	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R512	RD-4Z479J-	R CARBON FILM	1/4 4.7 OHM J	
J750	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R513	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
J751	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R514	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
J752	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R515	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
J753	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R516	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
J755	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R517	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	
JA01	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R518	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	
JA03	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R519	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	
JA05	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R520	RD-AZ271J-	R CARBON FILM	1/6 270 OHM J	
JA06	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R521	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	
JA07	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R522	RD-AZ330J-	R CARBON FILM	1/6 33 OHM J	

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LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK	LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
R523	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J		R597	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R525	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J		R599	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R526	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R602	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R530	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R605	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R532	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J		R606	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R533	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R612	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R535	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		R614	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R536	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		R615	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R537	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		R621	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R540	RD-AZ682J-	R CARBON FILM	1/6 6.8K OHM J		R622	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R541	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J		R628	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	
R542	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J		R641	RD-4Z829J-	R CARBON FILM	1/4 8.2 OHM J	
R543	RD-AZ271J-	R CARBON FILM	1/6 270 OHM J		R642	RD-4Z829J-	R CARBON FILM	1/4 8.2 OHM J	
R544	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J		R643	RD-4Z829J-	R CARBON FILM	1/4 8.2 OHM J	
R546	RD-4Z399J-	R CARBON FILM	1/4 3.9 OHM J		R644	RD-4Z829J-	R CARBON FILM	1/4 8.2 OHM J	
R547	RD-4Z399J-	R CARBON FILM	1/4 3.9 OHM J		R646	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R548	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R647	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R549	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		R649	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R550	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		R650	RD-AZ183J-	R CARBON FILM	1/6 18K OHM J	
R551	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		R651	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R555	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		R652	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R560	RD-AZ431J-	R CARBON FILM	1/6 430 OHM J		R660	RD-AZ183J-	R CARBON FILM	1/6 18K OHM J	
R561	RD-AZ431J-	R CARBON FILM	1/6 430 OHM J		R661	RD-AZ133J-	R CARBON FILM	1/6 13K OHM J	
R562	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J		R662	RD-AZ133J-	R CARBON FILM	1/6 13K OHM J	
R563	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J		R705	RD-4Z122J-	R CARBON FILM	1/4 1.2K OHM J	
R566	RD-AZ220J-	R CARBON FILM	1/6 22 OHM J		R709	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R568	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		R710	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R569	RD-AZ181J-	R CARBON FILM	1/6 180 OHM J		R711	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R570	RD-AZ271J-	R CARBON FILM	1/6 270 OHM J		R716	RD-2Z150J-	R CARBON FILM	1/2 15 OHM J	
R571	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J		R717	RD-2Z150J-	R CARBON FILM	1/2 15 OHM J	
R573	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J		R720	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R574	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J		R730	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R575	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J		R731	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	
R576	RD-AZ181J-	R CARBON FILM	1/6 180 OHM J		R732	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	
R577	RD-AZ181J-	R CARBON FILM	1/6 180 OHM J		R733	RD-AZ563J-	R CARBON FILM	1/6 56K OHM J	
R578	RD-AZ330J-	R CARBON FILM	1/6 33 OHM J		R734	RD-AZ334J-	R CARBON FILM	1/6 330K OHM J	
R579	RD-AZ330J-	R CARBON FILM	1/6 33 OHM J		R741	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R580	RD-AZ271J-	R CARBON FILM	1/6 270 OHM J		R742	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R581	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J		R743	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R583	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J		R744	RD-2Z100J-	R CARBON FILM	1/2 10 OHM J	
R586	RD-AZ271J-	R CARBON FILM	1/6 270 OHM J		R745	RD-2Z100J-	R CARBON FILM	1/2 10 OHM J	
R589	RD-AZ330J-	R CARBON FILM	1/6 33 OHM J		R746	RD-AZ201J-	R CARBON FILM	1/6 200 OHM J	
R590	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R747	RD-AZ471J-	R CARBON FILM	1/6 470 OHM J	
R591	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R748	RD-AZ471J-	R CARBON FILM	1/6 470 OHM J	
R592	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		R749	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R594	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J		R750	RD-AZ362J-	R CARBON FILM	1/6 3.6K OHM J	
R595	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		RA01	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	

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RA03	RD-AZ560J-	R CARBON FILM	1/6 56 OHM J		C801	CL1UC3104M	C LINE ACROSS	WORLD AC250V 0.1UF M R.47	⚠
RA04	RD-AZ560J-	R CARBON FILM	1/6 56 OHM J		C802	CL1UC3474M	C LINE ACROSS	0.47MF 1J(UCVSNDF/SV)+Q/O	⚠
RA11	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		C803	CH1BFE472M	C CERA AC	AC400V 4700PF M U/C/V	
RA12	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		C804	CH1BFE222M	C CERA AC	U/C/V AC400V 2200PF	
RA13	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J		C812	CEYF1V222V	C ELECTRO	35V RSS 2200MF (16X31.5)	
RA14	RD-AZ181J-	R CARBON FILM	1/6 180 OHM J		C813	CMYH3C152J	C MYLAR	1.6KV 1500PF J (BUP)	
RA15	RD-AZ224J-	R CARBON FILM	1/6 220K OHM J		C819	CEYN2D221T	C ELECTRO	200V FWS 220MF (22X30)	
RA16	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		C848	CH1BFE222M	C CERA AC	U/C/V AC400V 2200PF	⚠
RA17	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J		C882	CMYH3C152J	C MYLAR	1.6KV 1500PF J (BUP)	
RA18	RD-AZ181J-	R CARBON FILM	1/6 180 OHM J		C893	CEYD2W331D	C ELECTRO	450V FHS 330MF (35X40)	
RA19	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		CF401	CMYH3C912J	C MYLAR	1.6KV BUP 9100PF J	
RA20	RD-4Z479J-	R CARBON FILM	1/4 4.7 OHM J		CS803	CEYF2W330V	C ELECTRO	450V RSS 33MF (16X35.5)	
RA21	RD-AZ224J-	R CARBON FILM	1/6 220K OHM J		D402	DRGP30J—	DIODE	RGP30J	
RA22	RD-AZ224J-	R CARBON FILM	1/6 220K OHM J		D406	DRGP30J—	DIODE	RGP30J	
RA23	RD-AZ224J-	R CARBON FILM	1/6 220K OHM J		D801	PTC1SW8902	HEAT SINK ASS'Y	DPBS606GU- + 7174300811	Ⓡ
RA24	RD-AZ224J-	R CARBON FILM	1/6 220K OHM J		D801	DPBS606GU-	DIODE BRIDGE	PBS606G	
RA25	RD-AZ224J-	R CARBON FILM	1/6 220K OHM J		D801A	4857018902	HEAT SINK	A1050P-H24	
RA26	RD-AZ224J-	R CARBON FILM	1/6 220K OHM J		D801B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	
RA27	RD-AZ224J-	R CARBON FILM	1/6 220K OHM J		D803	DEGP50D—	DIODE	EGP50D (TAPPING)	
RA40	RD-AZ224J-	R CARBON FILM	1/6 220K OHM J		D824	PTS2SW6900	HEAT SINK ASS'Y	DFMLG16S— + 7128301011	Ⓡ
RA66	RD-4Z479J-	R CARBON FILM	1/4 4.7 OHM J		00001	DFMLG16S—	DIODE	FML-G16S	
RA67	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		0000A	4857026900	HEAT SINK	AL EX	
RA68	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		0000B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	
RA69	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J		D831	DGPG30L—	DIODE	DGP30L	Ⓡ
RA70	RD-AZ181J-	R CARBON FILM	1/6 180 OHM J		DS801	DLB156—	DIODE BRIDGE	LB156	Ⓡ
RA72	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		F801	5F3GB6322L	FUSE GLASS TUBE	V/S TL 6.3A 250V MF51	⚠
RA73	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		I301	PTB2SW7501	HEAT SINK ASS'Y	1TDA8359J- + 7174300811	Ⓡ
RA74	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J		00001	1TDA8359J-	IC VERTICAL	TDA8359J	
RA75	RD-AZ181J-	R CARBON FILM	1/6 180 OHM J		0000A	4857027501	HEAT SINK	AL EX	
RA76	RD-AZ224J-	R CARBON FILM	1/6 220K OHM J		0000B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	
RA90	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		I801	PTA2SW7538	HEAT SINK ASS'Y	1STRS6709- + 7174301211	Ⓡ
RA91	RD-AZ471J-	R CARBON FILM	1/6 470 OHM J		00001	1STRS6709-	IC POWER	STR-S6709	
RA92	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		0000A	4857027538	HEAT SINK	AL EX BK L=37	
RA93	RD-AZ471J-	R CARBON FILM	1/6 470 OHM J		0000B	7174301211	SCREW TAPPTITE	TT2 RND 3X12 MFZN	
RA94	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		I802	1KP1010C—	IC PHOTO COUPLER	KP-1010C	⚠ Ⓡ
RA95	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		I804	PTL2SW7800	HEAT SINK ASS'Y	1KA7808— + 7174300811	
RA96	RD-AZ243J-	R CARBON FILM	1/6 24K OHM J		00001	1KA7808—	IC REGULATOR	KA7808	Ⓡ
RA97	RD-AZ243J-	R CARBON FILM	1/6 24K OHM J		0000A	4857027800	HEAT SINK	AL EX	
RA98	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J		0000B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	
ZZ300	PTPWMSD713	PCB POWER MANUAL AS	DSC-3261HA		I805	1SE130N—	IC	SE130N	
30	2291050616	FLUX SOLDER	JS-64T3		I806	PTH2SW6900	HEAT SINK ASS'Y	1KA7805— + 7174301011	
40	2291050301	FLUX SOLVENT	IM-1000		00001	1KA7805—	IC REGULATOR	KA7805	Ⓡ
C401	CEYD1H689V	C ELECTRO	50V RUB 6.8MF (16*35.5)		0000A	4857026900	HEAT SINK	AL EX	
C404	CCYB2H103K	C CERA	500V B 0.01MF K		0000B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	
C405	CMYH3C432J	C MYLAR	1.6KV BUP 4300PF J		I807	PTX2SW7800	HEAT SINK ASS'Y	1K1A7812P1 + 7174300811	
C406	CMYH3D522J	C MYLAR	2KV BUP 5200PF J		00001	1K1A7812P1	IC REGULATOR	KIA7812API	Ⓡ
C416	CMYE2G304J	C MYLAR	400V PU 0.3MF J		0000A	4857027800	HEAT SINK	AL EX	

Part List

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK	LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
0000B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN		C410	CEXF2C220V	C ELECTRO	160V RSS 22MF (10X20) TP	
I811	PTH2SW6900	HEAT SINK ASS'Y	1KA7805--- + 7174301011		C411	CEXF2E100V	C ELECTRO	250V RSS 10MF (10X20) TP	
00001	1KA7805---	IC REGULATOR	KA7805		C415	CEXF1E102C	C ELECTRO	25V RUS 1000MF (13X20) TP	
0000A	4857026900	HEAT SINK	AL EX		C806	CCXB3A472K	C CERA	1KV B 4700PF K (TAPPING)	
0000B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN		C807	CCXB3A472K	C CERA	1KV B 4700PF K (TAPPING)	
IF401	1KA4558---	IC AMP	KA4558		C808	CCXB3A472K	C CERA	1KV B 4700PF K (TAPPING)	
IS801	1TNY253P---	IC	TNY253P	⚠ (R)	C809	CCXB3A472K	C CERA	1KV B 4700PF K (TAPPING)	
IS802	1KP1010C---	IC PHOTO COUPLER	KP-1010C		C811	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
L404	58W0000020	COIL WIDTH	TRW-400(60908061)		C814	CEXF1V331C	C ELECTRO	35V RUS 330MF (10X20) TP	
L801	5PLF35A1---	FILTER LINE	LF-35A1	⚠	C816	CEXF2C100V	C ELECTRO	160V RSS 10MF (10X16) TP	
L802	5PLF3143G-	FILTER LINE	LF-3143G	⚠	C818	CCXB3D102K	C CERA	2KV B 1000PF K (TAPPING)	
M355A	4853535500	HOLDER AC CORD	NYLON 66		C826	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
P403	4959203120	CONN WAFER	TBL-P05P-C1		C828	CEXF1E102C	C ELECTRO	25V RUS 1000MF (13X20) TP	
P801	4850707S10	CONNECTOR	YH025-07+YST025+ULW=100		C829	CEXF1E102C	C ELECTRO	25V RUS 1000MF (13X20) TP	
P802	4850707S10	CONNECTOR	YH025-07+YST025+ULW=100		C857	CEXF1E331V	C ELECTRO	25V RSS 330MF (10X12.5)TP	
P803	4850710V02	CONNECTOR	YH025-10+YBNH250+ULW=100		C860	CEXF2C101V	C ELECTRO	160V RSS 100MF (16X25) TP	
PW801	4859902910	CORD POWER AS	KKP419C+BL102NG+TUBE=2100		C886	CMXE2D103J	C MYLAR	200V PU 0.01MF J (TP)	
Q302	PTD2SW7609	HEAT SINK ASS'Y	TKTD2058Y- + 7174301011		CF409	CMXE2J333J	C MYLAR	630V PU 0.033MF J (TP)	
00001	TKTD2058Y-	TR	KTD 2058-Y		CF410	CMXE2J333J	C MYLAR	630V PU 0.033MF J (TP)	
0000A	4857027609	HEAT SINK	AL EX		CF411	CMXE2J333J	C MYLAR	630V PU 0.033MF J (TP)	
0000B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN		CF412	CMXE2J333J	C MYLAR	630V PU 0.033MF J (TP)	
Q401	TKTC3229---	TR	KTC3229		ZZ200	PTPWJBD713	PCB POWER M-10 AS	DSC-3261HA	
Q402	PTA2SW8216	HEAT SINK ASS'Y	T2SD2553--- + 7174301011		10	2TM18006BE	TAPE MASKING	6.2X500	
Q402	T2SD2553---	TR	2SD2553	(R)	E005	4856310300	EYE LET	BSR T0.2 (R1.6)	
Q402A	4857028216	HEAT SINK	AL EX		E006	4856310300	EYE LET	BSR T0.2 (R1.6)	
Q402B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN		E007	4856310300	EYE LET	BSR T0.2 (R1.6)	
Q801	TKTD1414---	TR	KTD1414	(R)	E008	4856310300	EYE LET	BSR T0.2 (R1.6)	
Q807	TKTA1659AY	TR	KTA1659AY		E01	4856310600	EYE LET	BSR T0.2 (R2.3)	
QF402	T4636LSRB-	TR	2SC4636LS-RB		E010	4856310300	EYE LET	BSR T0.2 (R1.6)	
R801	DDC7R0M290	POSISTOR	ECPCD7R0M290	⚠	E011	4856310300	EYE LET	BSR T0.2 (R1.6)	
R803	RX10T109KS	R CEMENT	10W 1 OHM K TRIPOD SMALL		E013	4856310600	EYE LET	BSR T0.2 (R2.3)	
R805	RX10T109KS	R CEMENT	10W 1 OHM K TRIPOD SMALL		E014	4856310600	EYE LET	BSR T0.2 (R2.3)	
R813	RM02Y158J-	R METAL FLAT	2W 0.15 OHM J		E015	4856310600	EYE LET	BSR T0.2 (R2.3)	
R844	RW02Z418F-	R WIRE WOUND	2W 0.41 OHM F		E016	4856310300	EYE LET	BSR T0.2 (R1.6)	
T401	5TD0000018	TRANS DRIVE	THD-120		E017	4856310300	EYE LET	BSR T0.2 (R1.6)	
T402A	7178301212	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK		E018	4856310300	EYE LET	BSR T0.2 (R1.6)	
T402B	4856812001	TIE CABLE	NYLON66 DA100		E019	4856310300	EYE LET	BSR T0.2 (R1.6)	
T801	50M5345B7-	TRANS SMPS	TSM-5345B7	⚠	E02	4856310600	EYE LET	BSR T0.2 (R2.3)	
TF401	50D28A1---	TRANS DRIVE	TD-28A1		E020	4856310300	EYE LET	BSR T0.2 (R1.6)	
TS801	50MST16A1-	TRANS SMPS	ST-16A1	⚠ (R)	E021	4856310300	EYE LET	BSR T0.2 (R1.6)	
Y801	5SC0101339	SW RELAY	SDT-S-105LMR	⚠	E022	4856310300	EYE LET	BSR T0.2 (R1.6)	
Y802	5SC0101339	SW RELAY	SDT-S-105LMR	⚠	E023	4856310300	EYE LET	BSR T0.2 (R1.6)	
Z801	DSVC471D14	VARISTOR	SVC471D14A	⚠	E024	4856310300	EYE LET	BSR T0.2 (R1.6)	
ZZ200	PTPWJOD713	PCB POWER ODD SHAPE (RHU) AS	DSC-3261HA		E025	4856310600	EYE LET	BSR T0.2 (R2.3)	
C407	CMXE2J223J	C MYLAR	630V PU 0.022MF J (TP)		E027	4856310600	EYE LET	BSR T0.2 (R2.3)	
C408	CEXF2A470V	C ELECTRO	100V RSS 47MF (10X16) TP		E028	4856310600	EYE LET	BSR T0.2 (R2.3)	
C409	CEXF2E330V	C ELECTRO	250V RSS 33MF (13X25) TP		E029	4856310300	EYE LET	BSR T0.2 (R1.6)	

Part List

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK	LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
E03	4856310300	EYE LET	BSR T0.2 (R1.6)		E081	4856310300	EYE LET	BSR T0.2 (R1.6)	
E030	4856310300	EYE LET	BSR T0.2 (R1.6)		E082	4856310300	EYE LET	BSR T0.2 (R1.6)	
E031	4856310300	EYE LET	BSR T0.2 (R1.6)		E083	4856310300	EYE LET	BSR T0.2 (R1.6)	
E034	4856310600	EYE LET	BSR T0.2 (R2.3)		E084	4856310300	EYE LET	BSR T0.2 (R1.6)	
E035	4856310600	EYE LET	BSR T0.2 (R2.3)		E085	4856310300	EYE LET	BSR T0.2 (R1.6)	
E037	4856310300	EYE LET	BSR T0.2 (R1.6)		E086	4856310300	EYE LET	BSR T0.2 (R1.6)	
E038	4856310300	EYE LET	BSR T0.2 (R1.6)		E087	4856310300	EYE LET	BSR T0.2 (R1.6)	
E039	4856310300	EYE LET	BSR T0.2 (R1.6)		E088	4856310300	EYE LET	BSR T0.2 (R1.6)	
E040	4856310600	EYE LET	BSR T0.2 (R2.3)		E089	4856310600	EYE LET	BSR T0.2 (R2.3)	
E041	4856310600	EYE LET	BSR T0.2 (R2.3)		E090	4856310600	EYE LET	BSR T0.2 (R2.3)	
E042	4856310600	EYE LET	BSR T0.2 (R2.3)		E091	4856310300	EYE LET	BSR T0.2 (R1.6)	
E043	4856310600	EYE LET	BSR T0.2 (R2.3)		E092	4856310300	EYE LET	BSR T0.2 (R1.6)	
E044	4856310600	EYE LET	BSR T0.2 (R2.3)		E093	4856310300	EYE LET	BSR T0.2 (R1.6)	
E045	4856310600	EYE LET	BSR T0.2 (R2.3)		E094	4856310300	EYE LET	BSR T0.2 (R1.6)	
E046	4856310600	EYE LET	BSR T0.2 (R2.3)		E097	4856310300	EYE LET	BSR T0.2 (R1.6)	
E047	4856310600	EYE LET	BSR T0.2 (R2.3)		E098	4856310300	EYE LET	BSR T0.2 (R1.6)	
E048	4856310600	EYE LET	BSR T0.2 (R2.3)		E100	4856310300	EYE LET	BSR T0.2 (R1.6)	
E049	4856310600	EYE LET	BSR T0.2 (R2.3)		E101	4856310300	EYE LET	BSR T0.2 (R1.6)	
E050	4856310600	EYE LET	BSR T0.2 (R2.3)		E102	4856310300	EYE LET	BSR T0.2 (R1.6)	
E051	4856310600	EYE LET	BSR T0.2 (R2.3)		E103	4856310300	EYE LET	BSR T0.2 (R1.6)	
E053	4856310300	EYE LET	BSR T0.2 (R1.6)		E140	4856310300	EYE LET	BSR T0.2 (R1.6)	
E054	4856310300	EYE LET	BSR T0.2 (R1.6)		E141	4856310300	EYE LET	BSR T0.2 (R1.6)	
E055	4856310300	EYE LET	BSR T0.2 (R1.6)		E142	4856310300	EYE LET	BSR T0.2 (R1.6)	
E056	4856310600	EYE LET	BSR T0.2 (R2.3)		N005	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	
E057	4856310600	EYE LET	BSR T0.2 (R2.3)		N006	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	
E058	4856310600	EYE LET	BSR T0.2 (R2.3)		N007	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	
E059	4856310600	EYE LET	BSR T0.2 (R2.3)		N008	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	
E060	4856310600	EYE LET	BSR T0.2 (R2.3)		N013	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	
E061	4856310600	EYE LET	BSR T0.2 (R2.3)		N014	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	
E062	4856310600	EYE LET	BSR T0.2 (R2.3)		P401	485923172S	CONN WAFER	YW025-04 (STICK)	
E063	4856310600	EYE LET	BSR T0.2 (R2.3)		P402	485923182S	CONN WAFER	YW025-05 (STICK)	
E064	4856310300	EYE LET	BSR T0.2 (R1.6)		R303	RS02Z561JS	R M-OXIDE FILM	2W 560 OHM J SMALL	
E065	4856310300	EYE LET	BSR T0.2 (R1.6)		R402	RS01Z472J-	R M-OXIDE FILM	1W 4.7K OHM J (TAPPING)	
E066	4856310300	EYE LET	BSR T0.2 (R1.6)		R404	RS02Z751JS	R M-OXIDE FILM	2W 750 OHM J SMALL	
E067	4856310600	EYE LET	BSR T0.2 (R2.3)		R405	RS02Z751JS	R M-OXIDE FILM	2W 750 OHM J SMALL	
E068	4856310600	EYE LET	BSR T0.2 (R2.3)		R408	RF01Z278K-	R FUSIBLE	1W 0.27 OHM K (TP)	
E069	4856310600	EYE LET	BSR T0.2 (R2.3)		R409	RS01Z152J-	R M-OXIDE FILM	1W 1.5K OHM J (TAPPING)	
E070	4856310600	EYE LET	BSR T0.2 (R2.3)		R410	RF02Z339J-	R FUSIBLE	2W 3.3 OHM J	
E071	4856310600	EYE LET	BSR T0.2 (R2.3)		R416	RF01Z278K-	R FUSIBLE	1W 0.27 OHM K (TP)	
E072	4856310600	EYE LET	BSR T0.2 (R2.3)		R419	RF01Z278K-	R FUSIBLE	1W 0.27 OHM K (TP)	
E075	4856310300	EYE LET	BSR T0.2 (R1.6)		R482	RS01Z229J-	R M-OXIDE FILM	1W 2.2 OHM J (TAPPING)	
E076	4856310600	EYE LET	BSR T0.2 (R2.3)		R809	RS01Z103J-	R M-OXIDE FILM	1W 10K OHM J (TAPPING)	
E077	4856310600	EYE LET	BSR T0.2 (R2.3)		R815	RS02Z153JS	R M-OXIDE FILM	2W 15K OHM J SMALL	
E078	4856310300	EYE LET	BSR T0.2 (R1.6)		R816	RS02Z153JS	R M-OXIDE FILM	2W 15K OHM J SMALL	
E079	4856310300	EYE LET	BSR T0.2 (R1.6)		R819	RS02Z912JS	R M-OXIDE FILM	2W 9.1K OHM J SMALL	
E08	4856310300	EYE LET	BSR T0.2 (R1.6)		R833	RS01Z100J-	R M-OXIDE FILM	1W 10 OHM J (TAPPING)	
E080	4856310300	EYE LET	BSR T0.2 (R1.6)		R835	RS01Z751J-	R M-OXIDE FILM	1W 750 OHM J (TAPPING)	

Part List

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK	LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
R836	RS01Z100J-	R M-OXIDE FILM	1W 10 OHM J (TAPPING)		CS809	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
R881	RS02Z912JS	R M-OXIDE FILM	2W 9.1K OHM J SMALL		CS810	CCXB2H101K	C CERA	500V B 100PF K (TAPPING)	
RF401	RF01Z278K-	R FUSIBLE	1W 0.27 OHM K (TP)		F801A	4857415001	CLIP FUSE	PFC5000-0702	
RF402	RF01Z278K-	R FUSIBLE	1W 0.27 OHM K (TP)		F801B	4857415001	CLIP FUSE	PFC5000-0702	
RF425	RF01Z278K-	R FUSIBLE	1W 0.27 OHM K (TP)		L402	58C0000096	COIL CHOKE	610G0233(470K)	
RF427	RF01Z278K-	R FUSIBLE	1W 0.27 OHM K (TP)		L810	58C0000096	COIL CHOKE	610G0233(470K)	
ZZ200	PTPWJRD713	PCB POWER RADIAL AS	DSC-3261HA		LS801	58CX430599	COIL CHOKE	AZ-9004Y 940K TP	
C301	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)		Q301	TKTA1266Y-	TR	KTA1266Y (TP)	®
C304	CEXF1H101V	C ELECTRO	50V RSS 100MF (8X11.5) TP		Q303	TKTA1266Y-	TR	KTA1266Y (TP)	
C305	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)		Q483	TKTC3198Y-	TR	KTC3198Y	
C306	CEXF2A100V	C ELECTRO	100V RSS 10MF (6.3X11) TP		Q484	TKTC3198Y-	TR	KTC3198Y	
C307	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)		Q803	TKTC3198Y-	TR	KTC3198Y	
C309	CMXM2A103J	C MYLAR	100V 0.01MF J (TP)		Q804	TKTC3198Y-	TR	KTC3198Y	®
C320	CCXB1H102K	C CERA	50V B 1000PF K (TAPPING)		Q805	TKTC3198Y-	TR	KTC3198Y	
C402	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)		Q806	TKTC3198Y-	TR	KTC3198Y	
C413	CEXF1H220V	C ELECTRO	50V RSS 22MF (5X11) TP		QF401	TKTA1266Y-	TR	KTA1266Y (TP)	
C414	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)		QF403	TKTA1266Y-	TR	KTA1266Y (TP)	
C421	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)		QF404	TKTC3198Y-	TR	KTC3198Y	
C422	CCXB2H471K	C CERA	500V B 470PF K (TAPPING)		R306	RN02B100JS	R METAL FILM	2W 10 OHM J SMALL	
C481	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP		R407	RN02B102JS	R METAL FILM	2W 1K OHM J SMALL	
C805	CEXF1C331V	C ELECTRO	16V RSS 330MF (8X11.5) TP		R804	RN01B184JS	R METAL FILM	1W 180K OHM J SMALL	
C815	CEXF1V101V	C ELECTRO	35V RSS 100MF (8X11.5) TP		R807	RN01B184JS	R METAL FILM	1W 180K OHM J SMALL	
C817	CMXM2A102J	C MYLAR	100V 1000PF J (TP)		R814	RN02B180JS	R METAL FILM	2W 18 OHM J SMALL	
C820	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)		R825	RN02B180JS	R METAL FILM	2W 18 OHM J SMALL	
C835	CMXL1J334J	C MYLAR	63V MEU 0.33MF J (TP)		R854	RN02B333JS	R METAL FILM	2W 33K OHM J SMALL	
C837	CEXF1C331V	C ELECTRO	16V RSS 330MF (8X11.5) TP		R897	RN02B473JS	R METAL FILM	2W 47K OHM J SMALL	
C840	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP		RF420	RN01B431JS	R METAL FILM	1W 430 OHM J SMALL	
C841	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)		RF422	RN02B333JS	R METAL FILM	2W 33K OHM J SMALL	
C845	CEXF1C331V	C ELECTRO	16V RSS 330MF (8X11.5) TP		RF423	RN02B333JS	R METAL FILM	2W 33K OHM J SMALL	
C851	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)		RF424	RN02B333JS	R METAL FILM	2W 33K OHM J SMALL	
C853	CMXM2A103J	C MYLAR	100V 0.01MF J (TP)		ZZ200	PTPWJAD713	PCB POWER AXIAL AS	DSC-3261HA	
C854	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		10	2TM14006LB	TAPE MASKING	3M #232 6.0X2000M	
C855	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP		20	2TM10006LB	TAPE MASKING	3M #232-MAP-C 6.2X2000M	
C870	CCXB3A471K	C CERA	1KV B 470PF K (T)		A001	4859813811	PCB POWER	330X246 DIB	
C881	CMXM2A223J	C MYLAR	100V 0.022MF J TP		C310	CCZB1H222K	C CERA	50V B 2200PF K AXIAL	
C888	CEXF2E229V	C ELECTRO	250V RSS 2.2MF (8X11.5)TP		C311	CCZB1H222K	C CERA	50V B 2200PF K AXIAL	
CF403	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP		C825	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
CF404	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP		C844	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
CF405	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP		C846	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
CF406	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP		C847	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
CF407	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP		C850	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
CF408	CEXF1V221V	C ELECTRO	35V RSS 220MF (10X12.5)TP		C883	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
CF413	CEXF1C330V	C ELECTRO	16V RSS 33MF (6.3X7) TP		C884	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
CS801	CCXF3A472Z	C CERA	1KV F 4700PF Z (T)		C885	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
CS802	CCXF3A472Z	C CERA	1KV F 4700PF Z (T)		CS804	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
CS805	CCXB2H101K	C CERA	500V B 100PF K (TAPPING)		CS806	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
CS808	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP		D301	DUZ15BM—	DIODE ZENER	UZ-15BM	

Part List

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK	LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
D302	DUZ15BM—	DIODE ZENER	UZ-15BM		J824	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D303	DRGP15J—	DIODE	RGP15J		J825	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D309	DUZ33B—	DIODE ZENER	UZ-33B		J826	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D310	DUZ33B—	DIODE ZENER	UZ-33B		J828	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D311	DUZ33B—	DIODE ZENER	UZ-33B		J829	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D403	DRGP15J—	DIODE	RGP15J		J830	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D404	DRGP15J—	DIODE	RGP15J		J831	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D405	DRH1B—	DIODE	RH1B		J832	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D481	D1N4148—	DIODE	1N4148 (TAPPING)		J833	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D482	NRD11JSB3-	DIODE ZENER	RD11JSB3		J834	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D483	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J835	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D804	D1N4937G—	DIODE	1N4937G (TAPPING)		J836	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D805	D1N4937G—	DIODE	1N4937G (TAPPING)		J837	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D806	D1N4937G—	DIODE	1N4937G (TAPPING)		J838	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D807	DUZ7R5BM—	DIODE ZENER	UZ-7.5BM	®	J839	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D808	DRGP15J—	DIODE	RGP15J		J841	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D809	D1N4148—	DIODE	1N4148 (TAPPING)		J842	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D813	DRGP15J—	DIODE	RGP15J		J843	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D819	DRGP15J—	DIODE	RGP15J		J844	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D820	DUZ15BM—	DIODE ZENER	UZ-15BM		J845	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D821	D1N4148—	DIODE	1N4148 (TAPPING)		J846	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D822	D1N4148—	DIODE	1N4148 (TAPPING)		J848	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D825	DRGP15J—	DIODE	RGP15J		J849	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D828	DLT2A05G—	DIODE	LT2A05G (TP)		J850	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D881	D1N4148—	DIODE	1N4148 (TAPPING)		J851	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D891	DRGP15J—	DIODE	RGP15J		J852	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D896	D1N4148—	DIODE	1N4148 (TAPPING)		J853	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
DF401	DRGP15J—	DIODE	RGP15J		J857	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
DF402	DRGP15J—	DIODE	RGP15J		J859	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
DF403	DRGP15J—	DIODE	RGP15J		J860	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
DF404	DRGP15J—	DIODE	RGP15J		J861	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
DS802	D1N4937G—	DIODE	1N4937G (TAPPING)		J862	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
DS803	DUZ4R3B—	DIODE ZENER	UZ-4R3B		J863	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
DS804	DUZ15BM—	DIODE ZENER	UZ-15BM		J864	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J805	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J865	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J806	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J866	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J807	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J867	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J811	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J869	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J812	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J871	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J813	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J872	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J814	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J874	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J816	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J880	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J817	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J881	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J818	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J888	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J820	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J889	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J821	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J890	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J823	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J891	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	

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LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK	LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
L309	5MC0000100	COIL BEAD	HC-3550		R831	RC-2Z565KP	R CARBON COMP	1/2 5.6M OHM K	⚠
L310	5CPZ109M04	COIL PEAKING	1UH 10.5MM M (LAL04TB)		R834	RD-4Z472J-	R CARBON FILM	1/4 4.7K OHM J	
L311	5CPZ109M04	COIL PEAKING	1UH 10.5MM M (LAL04TB)		R838	RD-4Z513J-	R CARBON FILM	1/4 51K OHM J	
L406	5MC0000100	COIL BEAD	HC-3550		R839	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	
L407	58C0000026	COIL BEAD	HC-4035		R840	RD-4Z472J-	R CARBON FILM	1/4 4.7K OHM J	
L803	5MC0000100	COIL BEAD	HC-3550		R842	RD-4Z303J-	R CARBON FILM	1/4 30K OHM J	
L805	5MC0000100	COIL BEAD	HC-3550		R843	RN-4Z6202F	R METAL FILM	1/4 62.0K OHM F	
L806	5MC0000100	COIL BEAD	HC-3550		R853	RD-4Z914J-	R CARBON FILM	1/4 910K OHM J	
L830	5MC0000100	COIL BEAD	HC-3550		R859	RD-2Z229J-	R CARBON FILM	1/2 2.2 OHM J	
L842	58C0000026	COIL BEAD	HC-4035		R860	RD-2Z159J-	R CARBON FILM	1/2 1.5 OHM J	
L843	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R871	RD-2Z820J-	R CARBON FILM	1/2 82 OHM J	
R301	RN-4Z2701F	R METAL FILM	1/4 2.70K OHM F		RF403	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R302	RD-2Z272J-	R CARBON FILM	1/2 2.7K OHM J		RF404	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R305	RD-4Z152J-	R CARBON FILM	1/4 1.5K OHM J		RF405	RD-AZ911J-	R CARBON FILM	1/6 910 OHM J	
R307	RD-4Z242J-	R CARBON FILM	1/4 2.4K OHM J		RF406	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J	
R308	RD-4Z272J-	R CARBON FILM	1/4 2.7K OHM J		RF407	RD-AZ111J-	R CARBON FILM	1/6 110 OHM J	
R310	RD-4Z513J-	R CARBON FILM	1/4 51K OHM J		RF408	RD-AZ163J-	R CARBON FILM	1/6 16K OHM J	
R311	RD-2Z220J-	R CARBON FILM	1/2 22 OHM J		RF409	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R320	RN-4Z2701F	R METAL FILM	1/4 2.70K OHM F		RF410	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J	
R321	RD-2Z562J-	R CARBON FILM	1/2 5.6K OHM J		RF411	RD-AZ361J-	R CARBON FILM	1/6 360 OHM J	
R330	RN-4Z1801F	R METAL FILM	1/4 1.80K OHM F		RF412	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R331	RN-4Z1801F	R METAL FILM	1/4 1.80K OHM F		RF413	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R335	RD-4Z220J-	R CARBON FILM	1/4 22 OHM J		RF414	RD-4Z104J-	R CARBON FILM	1/4 100K OHM J	
R340	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J		RF415	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J	
R341	RD-4Z153J-	R CARBON FILM	1/4 15K OHM J		RF416	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R342	RD-AZ913J-	R CARBON FILM	1/6 91K OHM J		RF417	RD-4Z123J-	R CARBON FILM	1/4 12K OHM J	
R401	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J		RF418	RD-4Z242J-	R CARBON FILM	1/4 2.4K OHM J	
R412	RD-4Z562J-	R CARBON FILM	1/4 5.6K OHM J		RF419	RD-4Z561J-	R CARBON FILM	1/4 560 OHM J	
R413	RD-4Z243J-	R CARBON FILM	1/4 24K OHM J		RF421	RD-4Z182J-	R CARBON FILM	1/4 1.8K OHM J	
R414	RD-4Z223J-	R CARBON FILM	1/4 22K OHM J		RS803	RD-2Z101J-	R CARBON FILM	1/2 100 OHM J	
R415	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J		RS804	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	
R421	RD-4Z121J-	R CARBON FILM	1/4 120 OHM J		RS808	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	
R471	RD-4Z220J-	R CARBON FILM	1/4 22 OHM J		ZZ400	PTPMMSD537	PCB PIP MANUAL AS	DTD-29D3ME	
R481	RD-4Z472J-	R CARBON FILM	1/4 4.7K OHM J		IP02	1MM1188—	IC AV SWITCH	MM1188	
R485	RD-4Z472J-	R CARBON FILM	1/4 4.7K OHM J		P101	485923162S	CONN WAFER	YW025-03 (STICK)	
R810	RD-4Z432J-	R CARBON FILM	1/4 4.3K OHM J		PA01	4859231510	CONN HOUSING	BH254-06	
R811	RD-4Z222J-	R CARBON FILM	1/4 2.2K OHM J		PA02	4859231710	CONN HOUSING	BH254-08	
R812	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J		PP02	4859279520	CONN WAFER	TAC-L15P-A3 (ANGLE)	
R817	RD-4Z202J-	R CARBON FILM	1/4 2K OHM J		PP03	4859279520	CONN WAFER	TAC-L15P-A3 (ANGLE)	
R820	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J		SF01	5PK7257M—	FILTER SAW	K7257M	®
R821	RD-4Z223J-	R CARBON FILM	1/4 22K OHM J		SF03	5PK9253M—	FILTER SAW	K9253M	®
R822	RD-4Z472J-	R CARBON FILM	1/4 4.7K OHM J		SFP01	5PK7257M—	FILTER SAW	K7257M	
R824	RD-4Z472J-	R CARBON FILM	1/4 4.7K OHM J		XP01	5XE20R250E	CRYSTAL QUARTZ	HC-49/U 20.2500MHZ 30PPM	
R827	RD-2Z101J-	R CARBON FILM	1/2 100 OHM J		Z101	5PYXT4R5MB	FILTER CERA	XT 4.5MB	
R828	RD-2Z752J-	R CARBON FILM	1/2 7.5K OHM J		Z102	5PYXT6R5MB	FILTER CERA	XT 6.5MB	
R829	RD-4Z223J-	R CARBON FILM	1/4 22K OHM J		Z103	5PYXT6R0MB	FILTER CERA	XT 6.0MB	
R830	RD-4Z472J-	R CARBON FILM	1/4 4.7K OHM J		Z104	5PYXT5R5MB	FILTER CERA	XT 5.5MB	

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LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK	LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
ZP01	5PYXT4R5MB	FILTER CERA	XT 4.5MB		IP03	1SDA9489—	IC PIP	SDA9489	
ZP02	5PYXT6R5MB	FILTER CERA	XT 6.5MB		JC101	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
ZP03	5PYXT6R0MB	FILTER CERA	XT 6.0MB		JCP01	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
ZP04	5PYXT5R5MB	FILTER CERA	XT 5.5MB		JCP02	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
ZZ200	PTPMJ2D537	PCB PIP CHIP B AS	DTD-29D3ME		JCP1	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
CC10	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		JCP2	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
CC105	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		JCP3	HRFT000-CA	R CHIP	1/10 0 OHM 2012	
CC106	HCQK391JCA	C CHIP CERA	50V CH 390PF J 2012		QC101	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
CC107	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		QC103	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
CC108	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		QC107	T2SA1037KB	TR CHIP	2SA1037AKT146-R	
CC109	HCQK220JCA	C CHIP CERA	50V CH 22PF J 2012		QC108	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
CC110	HCQK680JCA	C CHIP CERA	50V CH 68PF J 2012		QC109	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
CC111	HCQK220JCA	C CHIP CERA	50V CH 22PF J 2012		QCP01	T2SA1037KB	TR CHIP	2SA1037AKT146-R	
CC113	HCBH224KCA	C CHIP CERA	25V X7R 0.22MF K 2012		QCP02	T2SA1037KB	TR CHIP	2SA1037AKT146-R	
CC114	HCBK152KCA	C CHIP CERA	50V X7R 1500PF K 2012		QCP03	T2SA1037KB	TR CHIP	2SA1037AKT146-R	
CC115	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		QCP05	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
CC116	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		QCP06	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
CC118	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		QCP07	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
CC120	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012		QCP09	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
CC130	HCQK101JCA	C CHIP CERA	50V CH 100PF J 2012		QCP10	T2SA1037KB	TR CHIP	2SA1037AKT146-R	
CC131	HCQK101JCA	C CHIP CERA	50V CH 100PF J 2012		QCP11	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
CCP01	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		RC129	HRFT563JCA	R CHIP	1/10 56K OHM J 2012	
CCP02	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		RC131	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012	
CCP04	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		RC132	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
CCP05	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		RC133	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
CCP06	HCBK152KCA	C CHIP CERA	50V X7R 1500PF K 2012		RC135	HRFT513JCA	R CHIP	1/10 51K OHM J 2012	
CCP07	HCBH224KCA	C CHIP CERA	25V X7R 0.22MF K 2012		RC136	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012	
CCP10	HCQK220JCA	C CHIP CERA	50V CH 22PF J 2012		RC138	HRFT221JCA	R CHIP	1/10 220 OHM J 2012	
CCP11	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		RC139	HRFT151JCA	R CHIP	1/10 150 OHM J 2012	
CCP12	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		RC150	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
CCP13	HCQK391JCA	C CHIP CERA	50V CH 390PF J 2012		RC151	HRFT182JCA	R CHIP	1/10 1.8K OHM J 2012	
CCP14	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012		RC152	HRFT182JCA	R CHIP	1/10 1.8K OHM J 2012	
CCP20	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012		RC154	HRFT203JCA	R CHIP	1/10 20K OHM J 2012	
CCP24	HCQK820JCA	C CHIP CERA	50V CH 82PF J 2012		RC155	HRFT301JCA	R CHIP	1/10 300 OHM J 2012	
CCP30	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		RC156	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	
CCP31	HCQK240JCA	C CHIP CERA	50V CH 24PF J 2012		RC157	HRFT221JCA	R CHIP	1/10 220 OHM J 2012	
CCP32	HCQK240JCA	C CHIP CERA	50V CH 24PF J 2012		RC158	HRFT181JCA	R CHIP	1/10 180 OHM J 2012	
CCP50	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		RC160	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	
CCP51	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		RC166	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
CCP52	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		RC18	HRFT682JCA	R CHIP	1/10 6.8K OHM J 2012	
CCP53	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		RCP03	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
CCP54	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012		RCP04	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
CCP60	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012		RCP05	HRFT331JCA	R CHIP	1/10 330 OHM J 2012	
CCP61	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012		RCP06	HRFT273JCA	R CHIP	1/10 27K OHM J 2012	
CCP65	HCQK471JCA	C CHIP CERA	50V CH 470PF J 2012		RCP07	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
I101	1TDA9885T-	IC IF	TDA9885T		RCP08	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
IP01	1TDA9885T-	IC IF	TDA9885T		RCP09	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	

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LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK	LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
RCP10	HRFT151JCA	R CHIP	1/10 150 OHM J 2012		CP26	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
RCP11	HRFT151JCA	R CHIP	1/10 150 OHM J 2012		CP27	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
RCP12	HRFT151JCA	R CHIP	1/10 150 OHM J 2012		CP28	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	
RCP13	HRFT102JCA	R CHIP	1/10 1K OHM J 2012		X101	5XEX4R000C	CRYSTAL QUARTZ	HC-49/U 4.000MHZ 20PPM TP	
RCP16	HRFT223JCA	R CHIP	1/10 22K OHM J 2012		XP02	5XEX4R000C	CRYSTAL QUARTZ	HC-49/U 4.000MHZ 20PPM TP	
RCP19	HRFT151JCA	R CHIP	1/10 150 OHM J 2012		ZZ200	PTPMJAD537	PCB PIP AXIAL AS	DTD-29D3ME	
RCP20	HRFT221JCA	R CHIP	1/10 220 OHM J 2012		A001	4859807760	PCB PIP	75X176(246X246/3) DIB	
RCP21	HRFT101JCA	R CHIP	1/10 100 OHM J 2012		D102	D1N4148—	DIODE	1N4148 (TAPPING)	
RCP22	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012		D103	D1N4148—	DIODE	1N4148 (TAPPING)	
RCP23	HRFT513JCA	R CHIP	1/10 51K OHM J 2012		D104	D1N4148—	DIODE	1N4148 (TAPPING)	
RCP24	HRFT101JCA	R CHIP	1/10 100 OHM J 2012		D105	D1N4148—	DIODE	1N4148 (TAPPING)	
RCP25	HRFT101JCA	R CHIP	1/10 100 OHM J 2012		D106	D1N4148—	DIODE	1N4148 (TAPPING)	
RCP26	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012		D107	D1N4148—	DIODE	1N4148 (TAPPING)	
RCP27	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012		DP01	D1N4148—	DIODE	1N4148 (TAPPING)	
RCP28	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012		DP02	D1N4148—	DIODE	1N4148 (TAPPING)	
RCP29	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012		DP03	D1N4148—	DIODE	1N4148 (TAPPING)	
RCP33	HRFT563JCA	R CHIP	1/10 56K OHM J 2012		DP04	D1N4148—	DIODE	1N4148 (TAPPING)	
RCP40	HRFT203JCA	R CHIP	1/10 20K OHM J 2012		DP05	D1N4148—	DIODE	1N4148 (TAPPING)	
RCP41	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012		DP06	D1N4148—	DIODE	1N4148 (TAPPING)	
RCP42	HRFT682JCA	R CHIP	1/10 6.8K OHM J 2012		J102	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
RCP43	HRFT182JCA	R CHIP	1/10 1.8K OHM J 2012		J103	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
RCP44	HRFT182JCA	R CHIP	1/10 1.8K OHM J 2012		J104	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
RCP45	HRFT221JCA	R CHIP	1/10 220 OHM J 2012		J105	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
RCP46	HRFT103JCA	R CHIP	1/10 10K OHM J 2012		J107	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
RCP47	HRFT221JCA	R CHIP	1/10 220 OHM J 2012		J108	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
RCP55	HRFT101JCA	R CHIP	1/10 100 OHM J 2012		JP01	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
RCP56	HRFT101JCA	R CHIP	1/10 100 OHM J 2012		JP03	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
ZZ200	PTPMJRD537	PCB PIP RADIAL AS	DTD-29D3ME		JP04	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
C102	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP		JP05	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
C105	CEXF1E221V	C ELECTRO	25V RSS 220MF (8X11.5) TP		JP06	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
C106	CEXF1E221V	C ELECTRO	25V RSS 220MF (8X11.5) TP		JP07	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
C139	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		JP08	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
C146	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		JP10	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
CP04	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		JP12	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
CP05	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		JP13	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
CP07	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		JP14	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
CP09	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP		JP15	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
CP10	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP		JP16	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
CP12	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		L102	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
CP14	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP		L103	5CPZ479K02	COIL PEAKING	4.7UH K (AXIAL 3.5MM)	
CP16	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		L110	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
CP18	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP		L150	5CPZ120K02	COIL PEAKING	12UH K (AXIAL 3.5MM)	
CP20	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP		LP02	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
CP21	CMXM2A473J	C MYLAR	100V 0.047MF J (TP)		LP03	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
CP22	CMXM2A473J	C MYLAR	100V 0.047MF J (TP)		LP05	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
CP23	CMXM2A473J	C MYLAR	100V 0.047MF J (TP)		LP07	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
CP25	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		LP08	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	

Part List

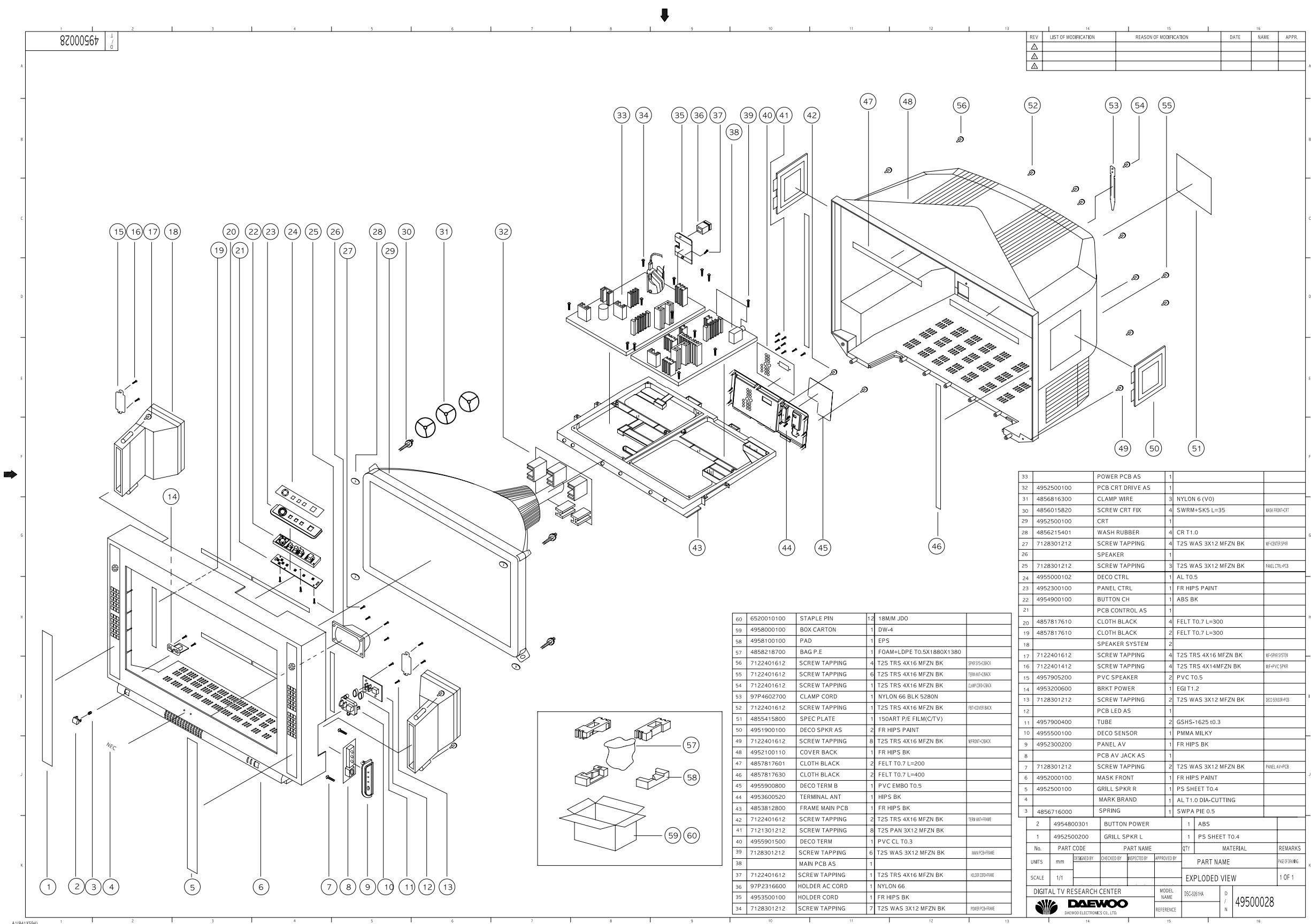
LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK	LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
LP10	5CPZ479K02	COIL PEAKING	4.7UH K (AXIAL 3.5MM)		0000A	4857026900	HEAT SINK	AL EX	
LP11	5CPZ150K02	COIL PEAKING	15UH K (AXIAL 3.5MM)		0000B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	
R101	RD-AZ562J-	R CARBON FILM	1/6 5.6K OHM J		001—	TKTC4370AY	TR	KTC4370AY	
R102	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J		SCT1	4859303730	SOCKET CRT	ISD-07S	⚠
R104	RD-AZ479J-	R CARBON FILM	1/6 4.7 OHM J		SW801	5S40000003	SW POWER PUSH	SS-160-7-G	⚠
R105	RD-AZ562J-	R CARBON FILM	1/6 5.6K OHM J		ZZ200	PTUNJ0D713	PCB UNION RHU AS	DSC-3261HA	
RP48	RD-AZ680J-	R CARBON FILM	1/6 68 OHM J		C904	CEXF2C100V	C ELECTRO	160V RSS 10MF (10X16) TP	
RP49	RD-AZ479J-	R CARBON FILM	1/6 4.7 OHM J		C905	CEXF2C470V	C ELECTRO	160V RSS 47MF (13X25) TP	
ZZ600	PTUNSWD713	PCB UNION AS	DSC-3261HA		C906	CEXF2C470V	C ELECTRO	160V RSS 47MF (13X25) TP	
C949	CH1BFE222M	C CERA AC	U/C/V AC400V 2200PF		C915	CEXF2C100V	C ELECTRO	160V RSS 10MF (10X16) TP	
DY01	DH1L25RS—	LED (RED)	HI-L25RS		C924	CEXF2E220V	C ELECTRO	250V RSS 22MF (13X20) TP	
DY02	DH1L25RS—	LED (RED)	HI-L25RS		ZZ200	PTUNJBD713	PCB UNION M-10 AS	DSC-3261HA	
DY03	DH1L25RGD-	"LED (R,G-3 COLOR)"	HI-L25RGD		R44	RS01Z683J-	R M-OXIDE FILM	1W 68K OHM J (TAPPING)	
DY04	DH1L25RGD-	"LED (R,G-3 COLOR)"	HI-L25RGD		R903	RS01Z683J-	R M-OXIDE FILM	1W 68K OHM J (TAPPING)	
I901	PTB2SW5403	HEAT SINK ASS'Y	1TEA5101B- + 7174300811		R913	RS01Z683J-	R M-OXIDE FILM	1W 68K OHM J (TAPPING)	
I901	1TEA5101B-	IC VIDEO AMP	TEA5101B	®	R923	RS02Z221J-	R M-OXIDE FILM	2W 220 OHM J	
I901A	4857025403	HEAT SINK	AL050P-H24 T=2		R932	RS01Z201J-	R M-OXIDE FILM	1W 200 OHM J (TAPPING)	
I901B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN		ZZ200	PTUNJRD713	PCB UNION RADIAL AS	DSC-3261HA	
IY01	1KSM9HP—	IC PREAMP	KSM-9HP		C901	CEXF1H470V	C ELECTRO	50V RSS 47MF (6.3X11) TP	
JZ1	4859105340	JACK S-VHS	YKF51-5359		C903	CEXF1H470V	C ELECTRO	50V RSS 47MF (6.3X11) TP	
JZ2	4859105450	JACK PIN BOARD	YSC03P-4120-9S		C907	CMXM2A822J	C MYLAR	100V 8200PF J (TP)	
M231	4952300100	PANEL CTRL	FR HIPS PAINT		C910	CCXB1H102K	C CERA	50V B 1000PF K (TAPPING)	
M232	4952300200	PANEL AV	FR HIPS GY		C911	CCXB1H102K	C CERA	50V B 1000PF K (TAPPING)	
M232A	7178301212	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK		C912	CCXB1H102K	C CERA	50V B 1000PF K (TAPPING)	
M321	4953200600	BRKT POWER	EGI T1.2		C913	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	
M321A	7063300612	SCREW MACHINE	M/C BIN 3X6 MFZN BK		C922	CBXF1H104Z	C CERA SEMI	50V F 0.1MF Z (TAPPING)	
M361	4953601000	TERMINAL ANT	FR HIPS		C930	CCXE2H472P	C CERA	500V E 4700PF P (TAPPING)	
M361A	7178301011	SCREW TAPPTITE	TT2 WAS 3X10 MFZN		C932	CCXE2H472P	C CERA	500V E 4700PF P (TAPPING)	
M501	4955000101	DECO CTRL	AL T0.5		C946	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
M551	4955500101	DECO SENSOR	PMMA MILKY		C947	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
M681	4856812001	TIE CABLE	NYLON66 DA100		C948	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
P002	4850709S01	CONNECTOR	YH025-09+YST025+ULW=200		C951	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
P906	4859238620	CONN WAFER	YPW500-02		CY03	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
P908	4859205620	CONN WAFER	LW-0640-03		CY04	CCXB1H103K	C CERA	50V B 0.01MF K	
PA507	4850706S18	CONNECTOR	YH025-06+YST025+ULW=500		Q901	TKTC3198Y-	TR	KTC3198Y	
PA508	4850709S03	CONNECTOR	YH025-09+YST025+ULW=400		Q902	TKTC3198Y-	TR	KTC3198Y	
PA901	4850707S02	CONNECTOR	YH025-07+YST025+ULW=400		Q903	TKTC3198Y-	TR	KTC3198Y	
PA902	4850705S04	CONNECTOR	YH025-05+YBNH250+ULW=400		Q904	TKTC3198Y-	TR	KTC3198Y	
PA903	4850704S04	CONNECTOR	YH025-04+YST025+ULW=400		Q905	TKTC3198Y-	TR	KTC3198Y	
PF01	4850704S21	CONNECTOR	YH025-04+YST025+ULW=700		Q906	TKTC3198Y-	TR	KTC3198Y	
PPS3	4859201501	SOCKET RGB	SR-21S2 (STRAIGHT TYPE)		Q907	TKTA1266Y-	TR	KTA1266Y (TP)	
PS1	4850702S11	CONNECTOR	BL102NG+MXH40058-02=600		SW1	5S50101Z90	SW TACT	THVV502GDA	
Q908	PTA2SW6900	HEAT SINK ASS'Y	TKTA1659Y- + 7174300811		SW2	5S50101Z90	SW TACT	THVV502GDA	
0001-	TKTA1659AY	TR	KTA1659AY		SW4	5S50101Z90	SW TACT	THVV502GDA	
000A-	4857026900	HEAT SINK	AL EX		SW5	5S50101Z90	SW TACT	THVV502GDA	
000B-	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN		SW6	5S50101Z90	SW TACT	THVV502GDA	
Q909	PTB2SW6900	HEAT SINK ASS'Y	TKTC4370Y- + 7174300811		SW7	5S50101Z90	SW TACT	THVV502GDA	

Part List

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK	LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
SW8	5S50101Z90	SW TACT	THVV502GDA		R902	RD-AZ912J-	R CARBON FILM	1/6 9.1K OHM J	
ZZ200	PTUNJAD713	PCB UNION AXIAL AS	DSC-3261HA		R904	RD-AZ393J-	R CARBON FILM	1/6 39K OHM J	
A001	4859808260	PCB UNION	246X246 DIB		R906	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J	
C902	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)		R907	RD-AZ912J-	R CARBON FILM	1/6 9.1K OHM J	
C908	CCZB1H561K	C CERA	50V B 560PF K		R909	RD-AZ471J-	R CARBON FILM	1/6 470 OHM J	
C909	CCZF1H103Z	C CERA	50V F 0.01MF Z		R911	RD-2Z471J-	R CARBON FILM	1/2 470 OHM J	
C931	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)		R912	RD-AZ912J-	R CARBON FILM	1/6 9.1K OHM J	
C933	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)		R914	RD-AZ333J-	R CARBON FILM	1/6 33K OHM J	
C953	CCZB1H820K	C CERA	50V B 82PF K (AXIAL)		R916	RD-AZ820J-	R CARBON FILM	1/6 82 OHM J	
D901	D1N4148—	DIODE	1N4148 (TAPPING)		R917	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	
D902	D1N4148—	DIODE	1N4148 (TAPPING)		R918	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J	
D903	D1N4148—	DIODE	1N4148 (TAPPING)		R919	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	
D904	D1N4148—	DIODE	1N4148 (TAPPING)		R922	RD-4Z620J-	R CARBON FILM	1/4 62 OHM J	
D905	D1N4937G—	DIODE	1N4937G (TAPPING)		R924	RD-AZ100J-	R CARBON FILM	1/6 10 OHM J	
D906	D1N4937G—	DIODE	1N4937G (TAPPING)		R925	RD-AZ820J-	R CARBON FILM	1/6 82 OHM J	
D907	D1N4937G—	DIODE	1N4937G (TAPPING)		R926	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	
D908	D1N4148—	DIODE	1N4148 (TAPPING)		R927	RD-2Z331J-	R CARBON FILM	1/2 330 OHM J	
D909	D1N4937G—	DIODE	1N4937G (TAPPING)		R928	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	
D910	D1N4937G—	DIODE	1N4937G (TAPPING)		R929	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J	
D923	DRGP15J—	DIODE	RGP15J		R930	RD-4Z620J-	R CARBON FILM	1/4 62 OHM J	
D932	DUZ13BM—	DIODE ZENER	UZ-13BM		R931	RD-2Z279J-	R CARBON FILM	1/2 2.7 OHM J	
J906	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R933	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J	
J907	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R934	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J	
J908	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R935	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J	
J910	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R936	RD-AZ751J-	R CARBON FILM	1/6 750 OHM J	
J911	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R937	RD-AZ751J-	R CARBON FILM	1/6 750 OHM J	
J912	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R938	RD-AZ751J-	R CARBON FILM	1/6 750 OHM J	
J913	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R939	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
J914	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R940	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
J915	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R941	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
J916	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R943	RC-2Z102K-	R CARBON COMP	1/2 1K OHM K	
J917	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R944	RC-2Z102K-	R CARBON COMP	1/2 1K OHM K	
J920	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R945	RC-2Z102K-	R CARBON COMP	1/2 1K OHM K	
J921	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R951	RD-2Z102J-	R CARBON FILM	1/2 1K OHM J	
J922	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R952	RD-4Z105J-	R CARBON FILM	1/4 1M OHM J	
J923	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R970	RD-2Z279J-	R CARBON FILM	1/2 2.7 OHM J	
J924	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R971	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	
J925	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R972	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
J926	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R973	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J	
J927	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R974	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	
J932	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R975	RD-AZ470J-	R CARBON FILM	1/6 47 OHM J	
J933	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R976	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
JY01	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R977	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J	
L901	5MC0000100	COIL BEAD	HC-3550		R978	RD-AZ563J-	R CARBON FILM	1/6 56K OHM J	
L902	5MC0000100	COIL BEAD	HC-3550		R979	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J	
L903	5MC0000100	COIL BEAD	HC-3550		R980	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R901	RD-2Z100J-	R CARBON FILM	1/2 10 OHM J		R985	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	

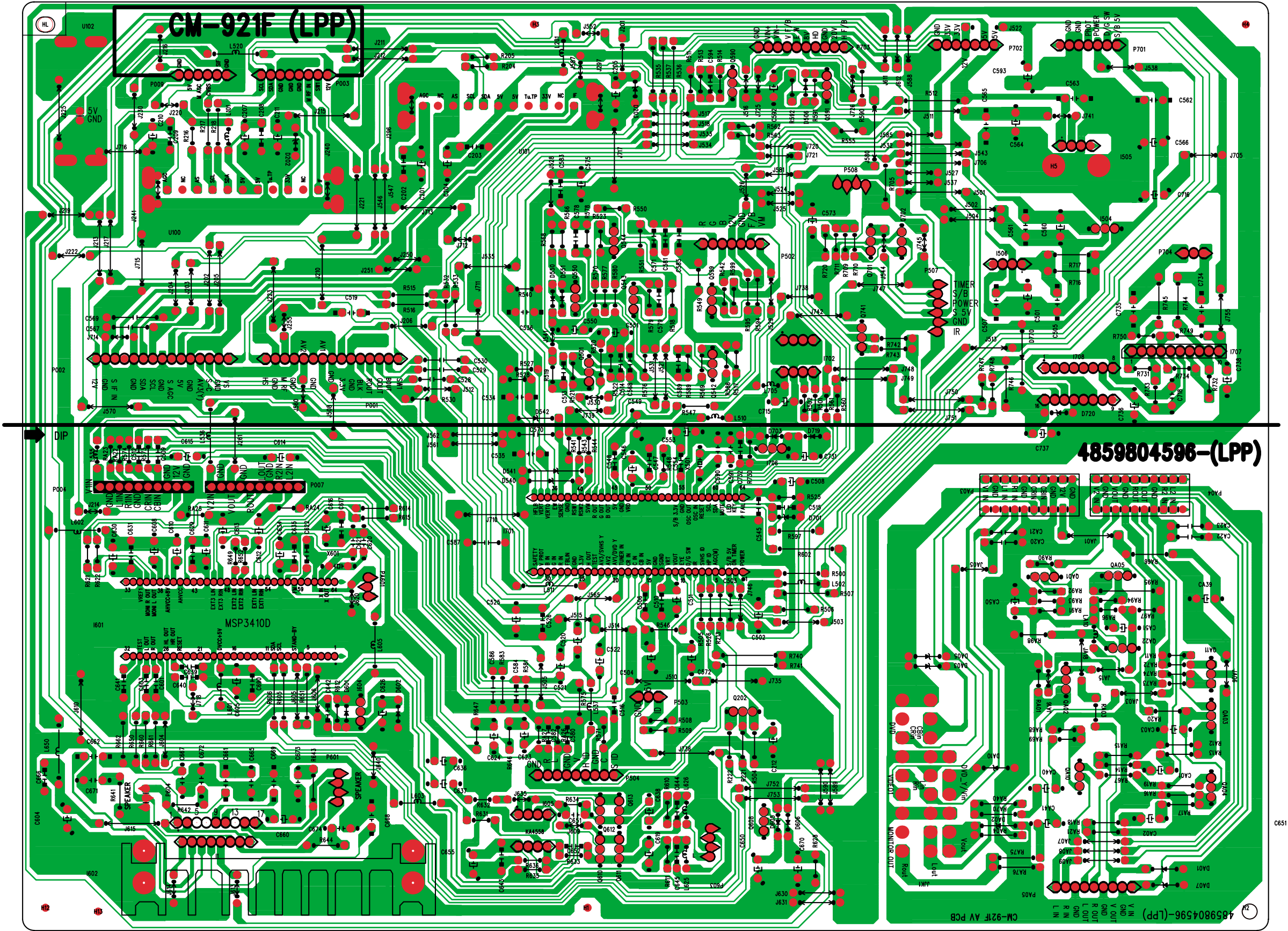
LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
R986	RD-AZ240J-	R CARBON FILM	1/6 24 OHM J	
RF01	RD-AZ201J-	R CARBON FILM	1/6 200 OHM J	
RF02	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	
RF03	RD-AZ471J-	R CARBON FILM	1/6 470 OHM J	
RF04	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	
RF05	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
RF06	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
RY03	RD-4Z112J-	R CARBON FILM	1/4 1.1K OHM J	
RY04	RD-4Z331J-	R CARBON FILM	1/4 330 OHM J	
RY05	RD-4Z331J-	R CARBON FILM	1/4 330 OHM J	

7. Mechanical Exploded View

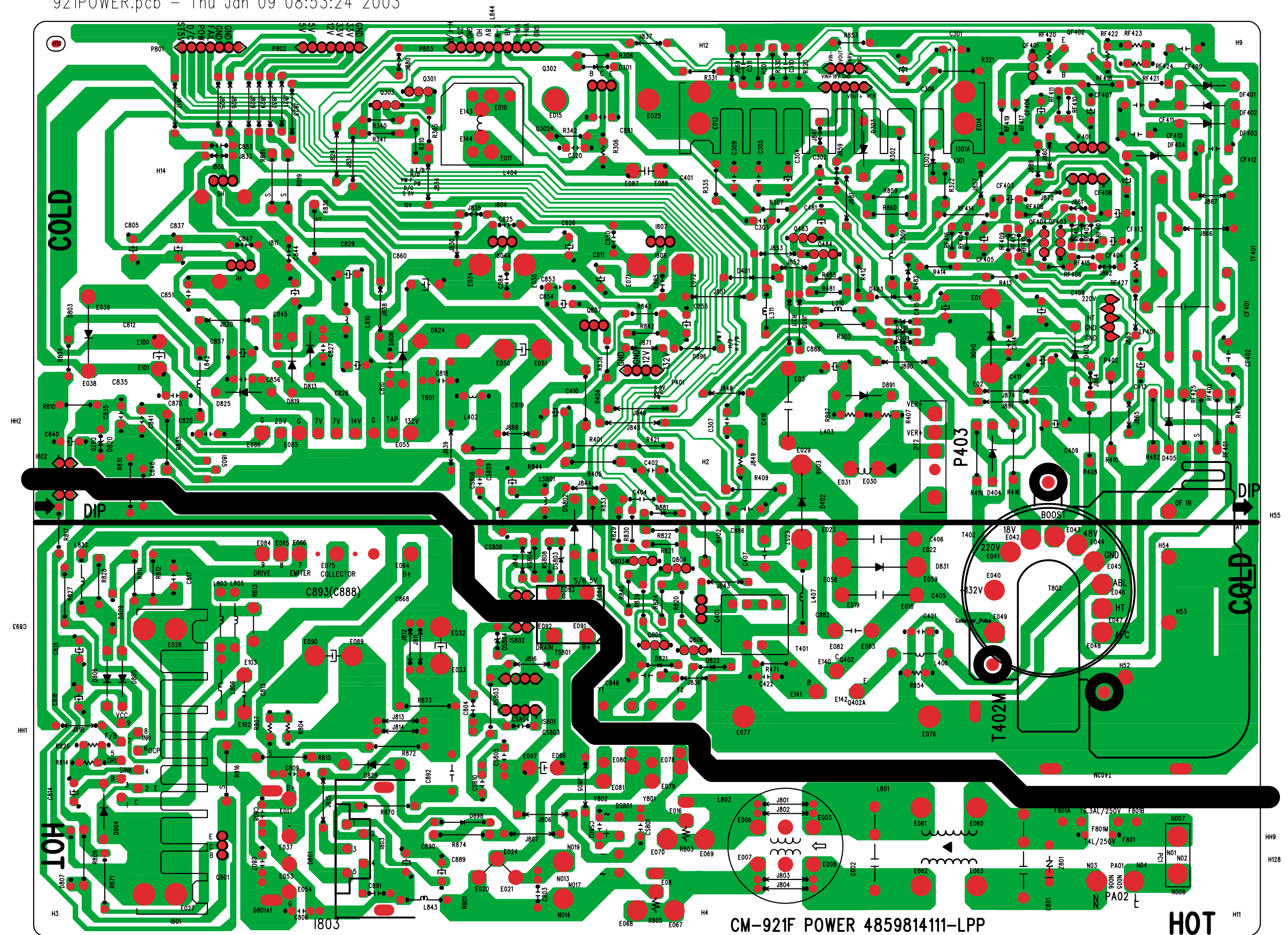


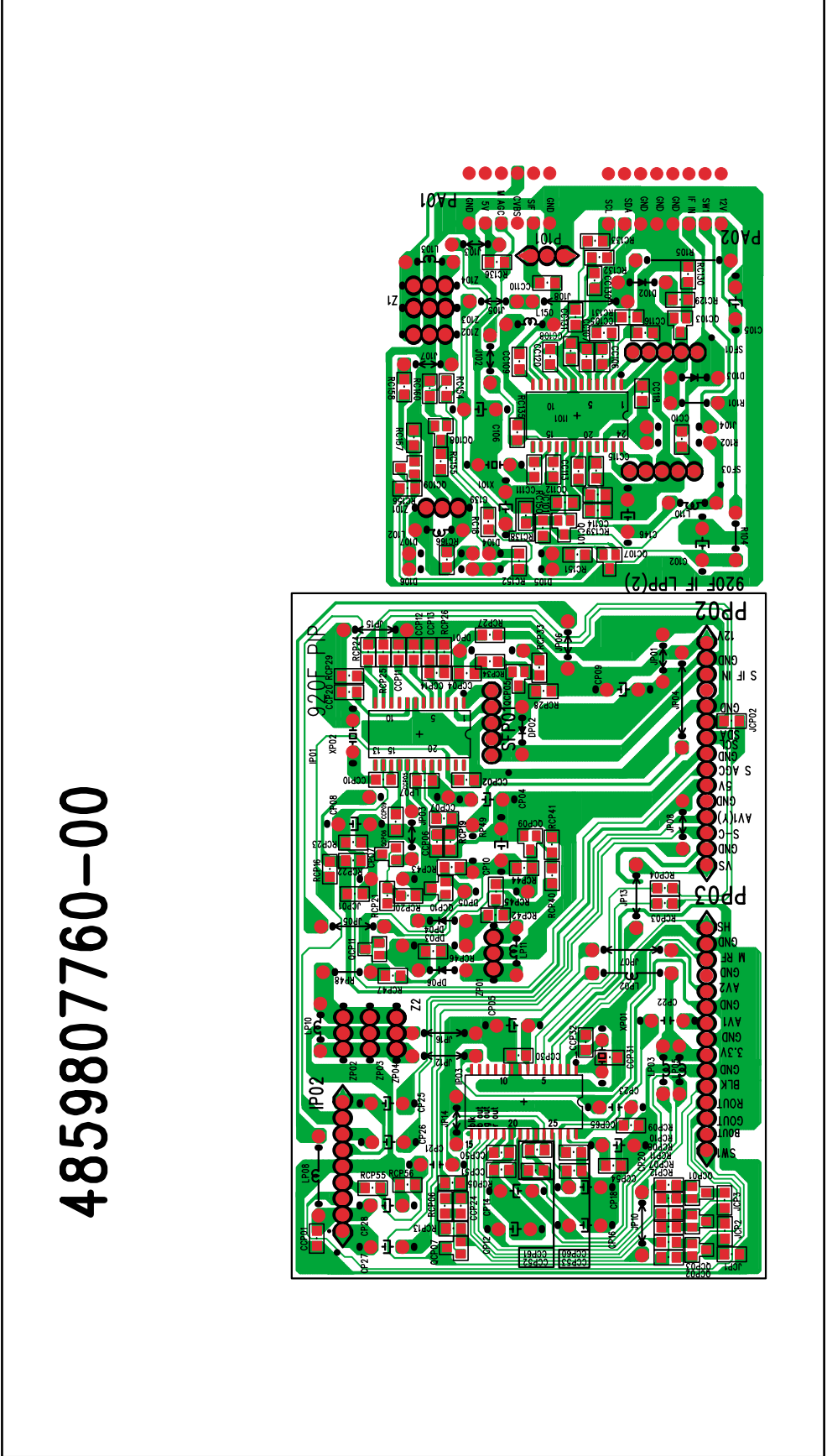
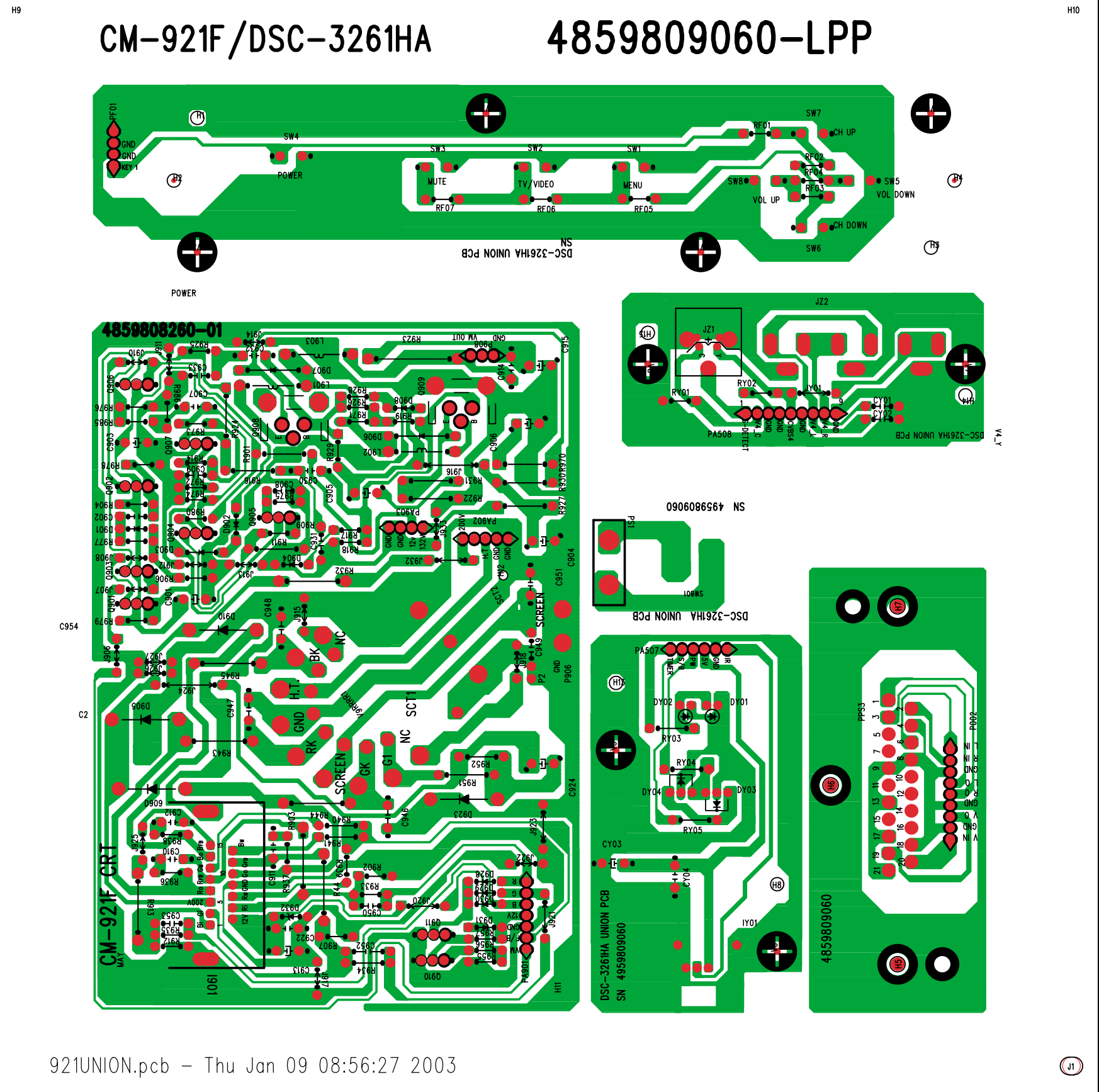
8. Printed Circuit Board

921MAIN.pcb - Thu Jan 09 08:49:14 2003

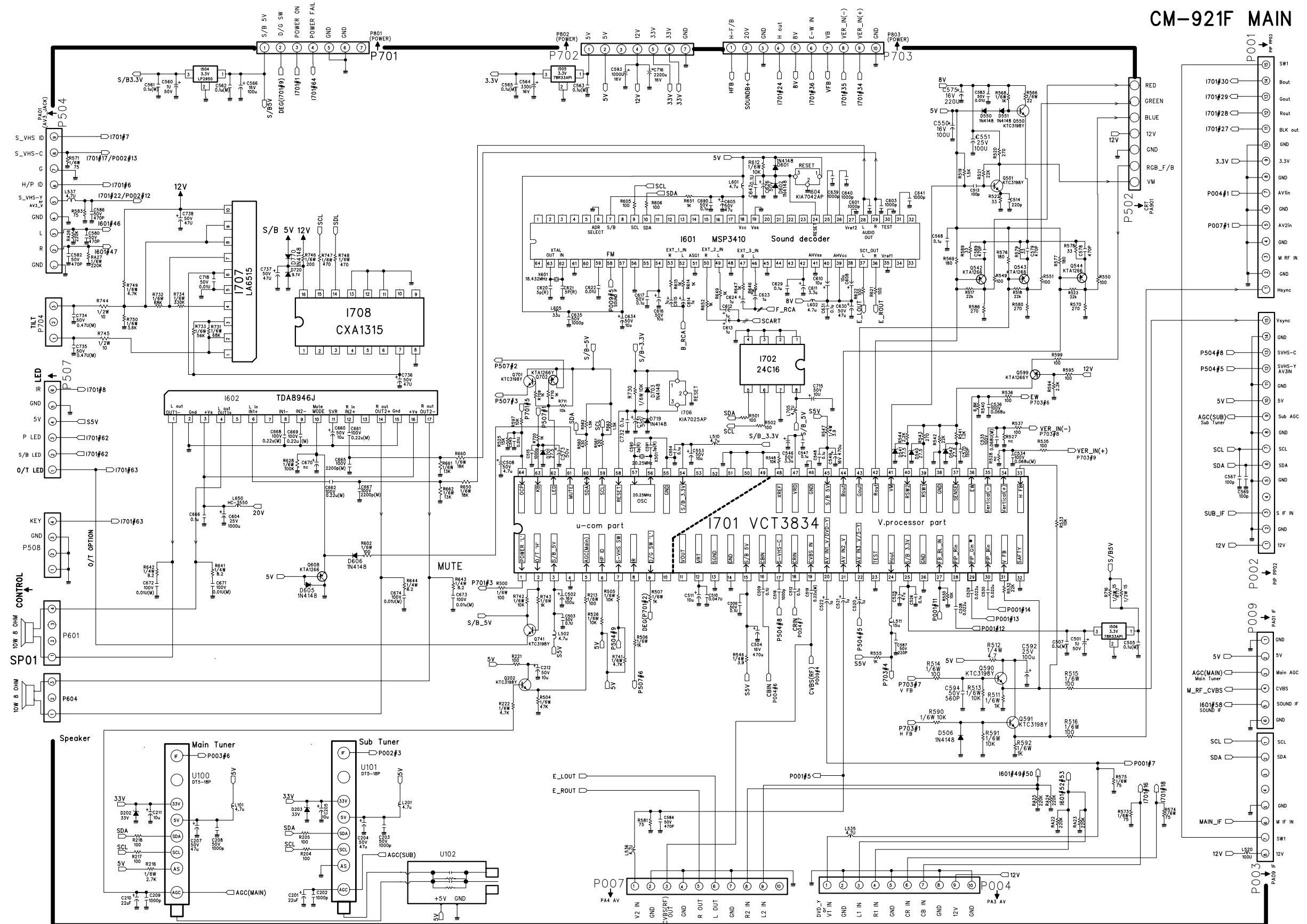


921POWER.pcb - Thu Jan 09 08:53:24 2003

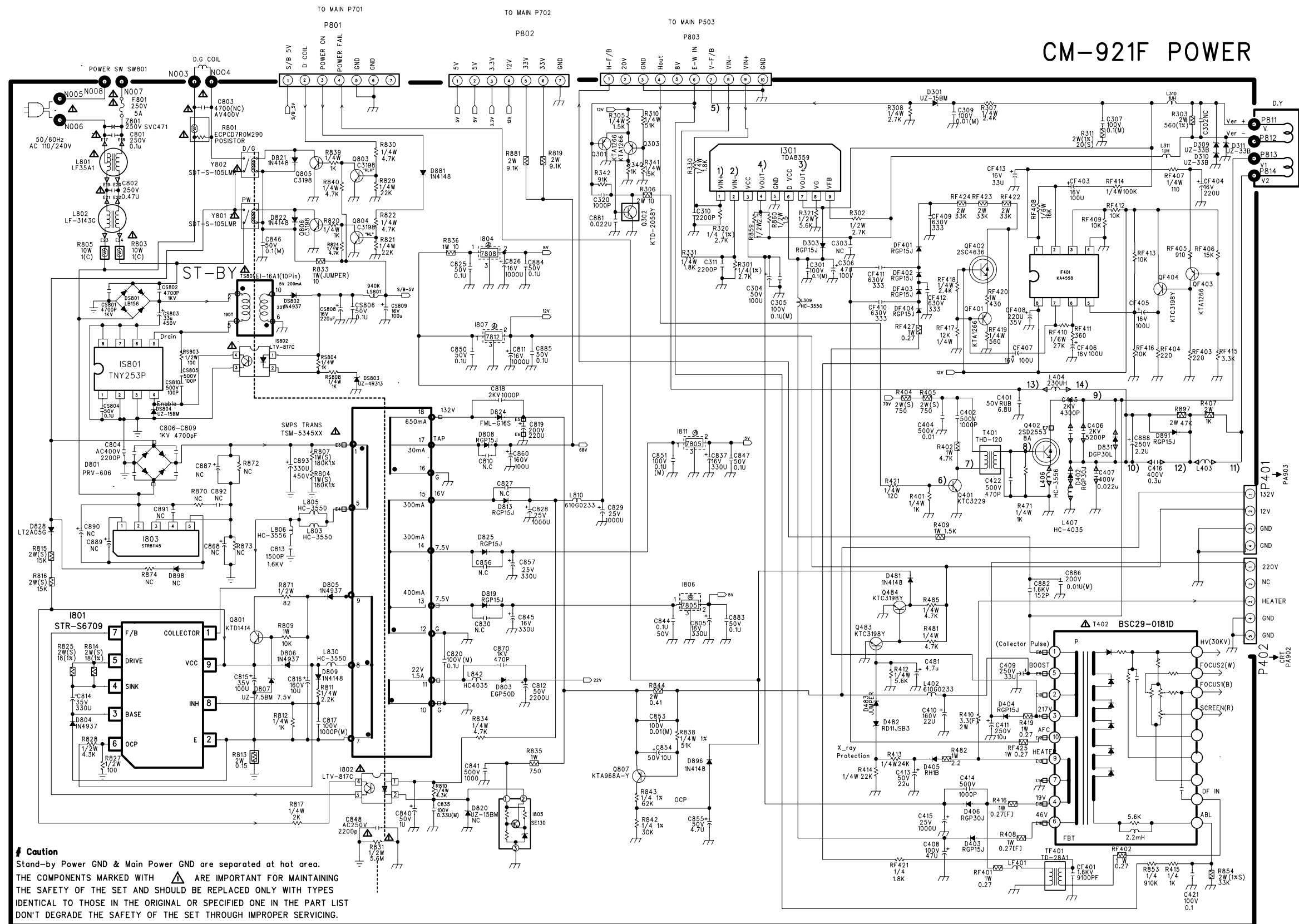





9. Schematic Diagram



Schematic Diagram



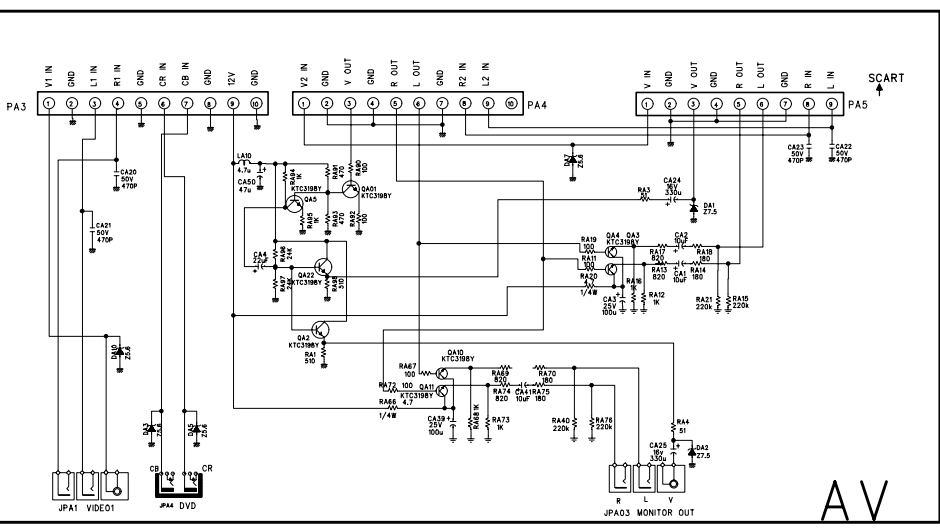
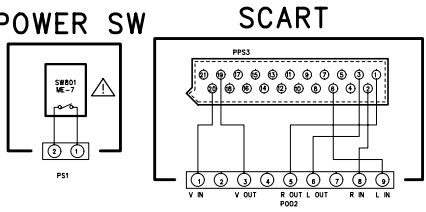
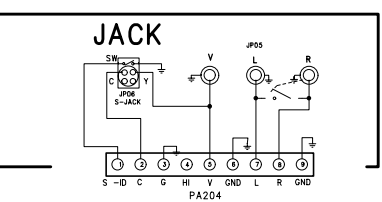
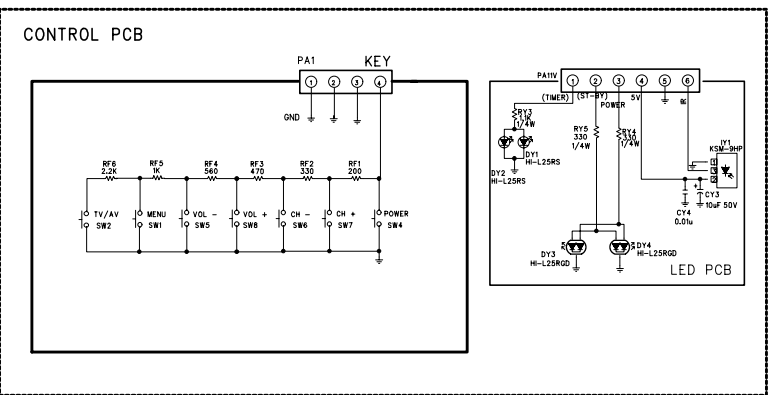
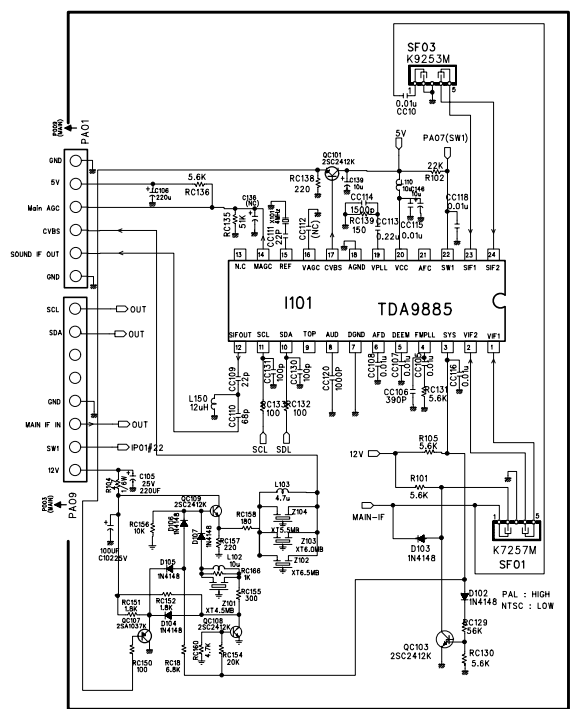
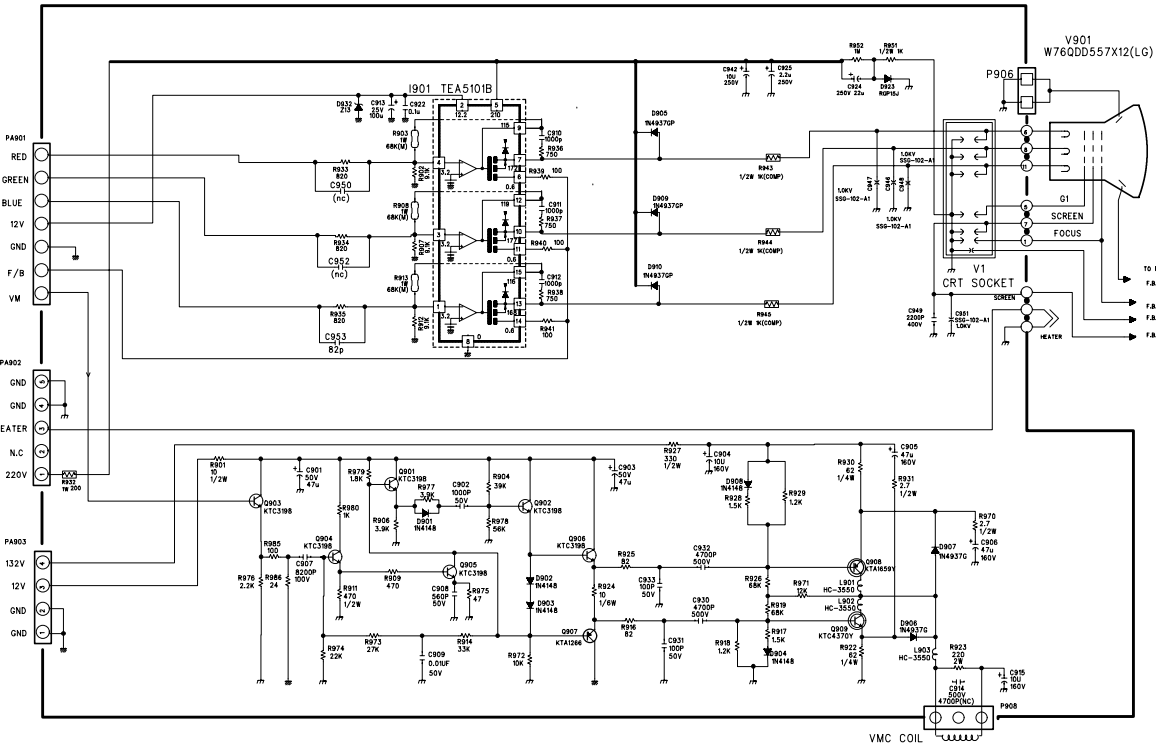
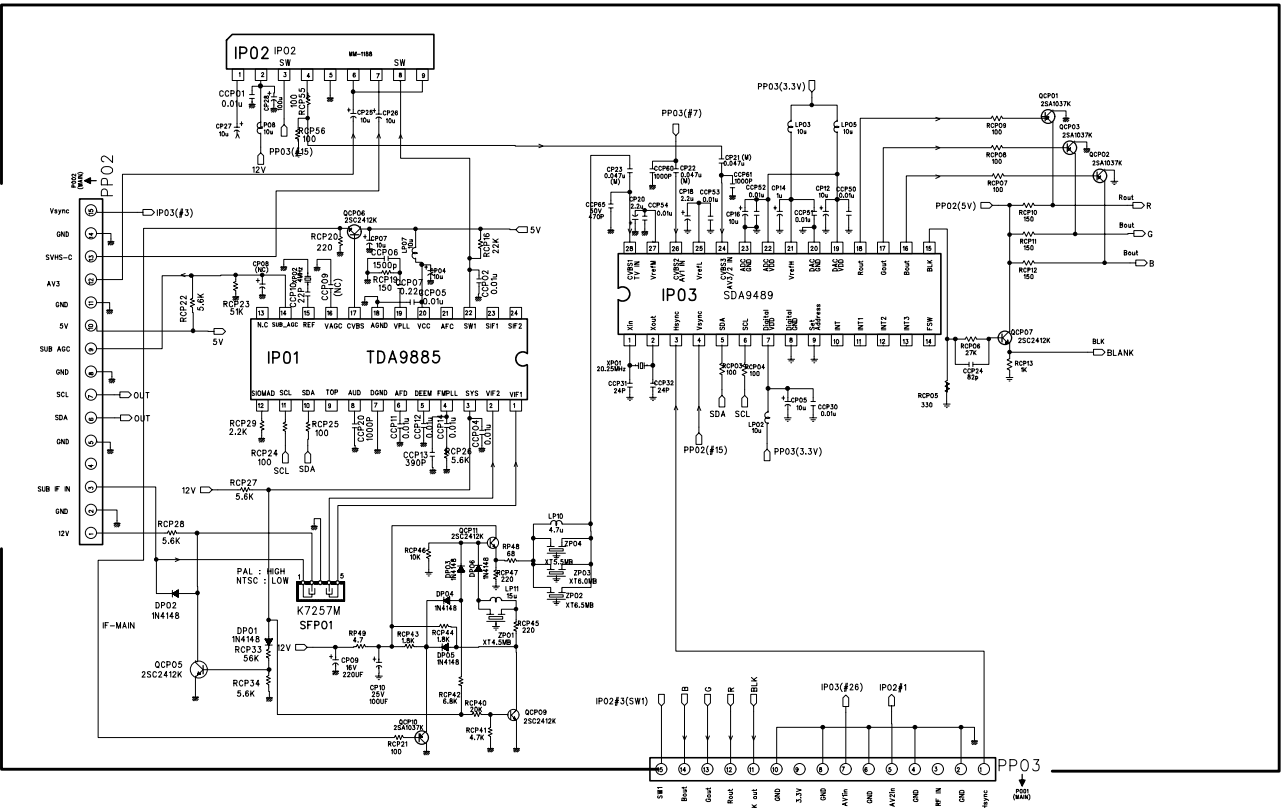
Caution
Stand-by Power GND & Main Power GND are separated at hot area.
THE COMPONENTS MARKED WITH  ARE IMPORTANT FOR MAINTAINING
THE SAFETY OF THE SET AND SHOULD BE REPLACED ONLY WITH TYPES
IDENTICAL TO THOSE IN THE ORIGINAL OR SPECIFIED ONE IN THE PART LIST
DON'T DEGRADE THE SAFETY OF THE SET THROUGH IMPROPER SERVICING.

CM-921F POWER

Schematic Diagram

CM-921F(LPP) IF/PIP/CRT/OTHERS

=>32 PURE FLAT



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