

Service Manual

Color Television

CHASSIS : CM-800S/801S

Model : DTA-21XXMZF/MTF/MEF/NZF/BZF
DTA-21SXMZF/MTF/MEF/NZF/BZF

Caution

: In this Manual, some parts can be changed for improving their performance without notice in the parts list. So, if you need the latest parts information, please refer to PPL(Parts Price List) in Service Information Center.

TABLE OF CONTENTS

1. MODEL DESCRIPTIONS OF CM-800S/801S CHASSIS	2
2. SPECIFICATIONS	4
3. SAFETY INSTRUCTION	5
4. DESCRIPTION OF CM-800S/801S CHASSIS	6
5. ALIGNMENT INSTRUCTIONS	9
6. RECOMMENDED EEPROM DATA FOR CM-800S/801S	17
7. ELECTRICAL PARTS LIST	18
8. DIFFERENT PARTS LIST FOR EACH MODELS	34
9. SCHEMATIC DIAGRAM	38
10. PRINTED CIRCUIT BOARD	42
11. MECHANICAL EXPLODED VIEW AND PARTS LIST	44
12. TROUBLE SHOOTING CHARTS	46

APPENDIX(Appendix is provide only by internet[<http://svc.dwe.co.kr>])

1. MODEL DESCRIPTIONS

1. Model Descriptions of CM-800S Chassis

Model name	Enclosure construction type	Suffix		
		1st suffix*	2nd suffix*	3rd suffix*
DTA-21A8***	A8	The 1st suffix* can be M, N or B	The 2nd suffix* can be EF, PF, ZF or TF	The 3rd suffix* can be Blank or B
DTA-21A9***	A9			
DTA-21A7***	A7			
DTA-2132***	32			No suffix
DTA-2130**	30			
DTA-2131**	31			
DTA-2134**	34			
DTA-21F2**	F2			
DTA-21U8**	U8			

Explanation of the suffix :

- The 1st suffix * can be M,N or B denoting NTSC and BOOSTER function as following table 1.
- The 2nd suffix * can be EF,PF,ZF or TF denoting PIP and TELETEXT function as following table 2.
- The 3rd suffix * can be Blank or B denoting the colour of front enclosure as following table 2.

Table 2.

2nd suffix*	3rd suffix*	PIP Function	TELETEXT function	Colour of front enclosure		
EF	Blank	With	With	Silver and black (Two tone)		
	B			Silver (One tone)		
PF	Blank		Without	Without	Silver and black (Two tone)	
	B				Silver (One tone)	
ZF	Blank	Without			Without	Silver and black (Two tone)
	B					Silver (One tone)
TF	Blank		Without	With		Silver and black (Two tone)
	B					Silver (One tone)

MODEL DESCRIPTIONS

Table 1.

1st suffix*	NTSC Function	BOOSTER Function
M	Without	Without
N	With	
B	Without	With

2. Model Descriptions of CM-801S Chassis

Model name	Enclosure construction type (cosmetic change)	Suffix	
		1st suffix*	2nd suffix*
DTA-21S7**	S7	The 1st suffix* can be MEF, MZF or MTF	The 2nd suffix* can be
DTA-21S8**	S8		

There are no other differences between models.

Explanation of the suffix :

- The 1st suffix * can be MEF, MZF or MTF denoting PIP and TELETEXT function as follows.
- The 2nd suffix * can be Blank or B denoting the colour of front enclosure as follows.

Suffix**	1st suffix*	2nd suffix*	PIP function	TELETEXT function	Color of front enclosure
MEF	MEF	Blank	With	With	Two tone (Silver and black)
MEFB		B			One tone (Silver)
MZF	MZF	Blank	Without	Without	Two tone (Silver and black)
MZFB		B			One tone (Silver)
MTF	MTF	Blank		With	Two tone (Silver and black)
MTFB		B			One tone (Silver)

2. SPECIFICATIONS

Items		Chassis	
		CM-800S	CM-801S
TV Standard	Color system	PAL/SECAM, NTSC-4.43 & 3.58(AV) *RF NTSC option	
	Sound system	B/G, D/K, I, H, M(NTSC Option)	
Rated Voltage		AC 110-250V, 50/60Hz	
Power consumption		74W	74W
Sound Output Power		6W + 6W(at 1KHz 80% Mod.)	7W + 7W(at 1KHz 80% Mod.)
Channel Conerage	VHF	BAND I : CH 02 ~ CH04(48.25MHz ~ 62.25MHz) BAND II : CH05 ~ CH12(175.25MHz ~ 224.25MHz) CABLE BAND : S01 ~ S03(69.25MHz ~ 83.25MHz), S01 ~ S20, (105.25MHz ~ 294.25MHz) HYPER BAND : S21~S41(303.25 ~ 463.25MHz)	
	UHF	BAND IV, V : CH21 ~ CH69(471.25MHz ~ 855.25MHz)	
Tuning System		FS Tuning System	
Program No. Indication		ON-Screen Display	
Program Selection		200 Programs	
Aux. Terminal		AV1/2 input Rear <RCA : input, Scart(Optional): input, Output> AV1/2 input SIDE or FRONT DVD1(CVBS), DVD2(Y, Cr, Cb) OUTPUT< Monitor OUT>	
Remote Control Unit		R-55C03	

3 SAFETY INSTRUCTION

NOTE : BEFORE SERVICING THIS CHASSIS READ THE “X-RAY RADIATION PRECAUTIONS”, “SAFETY PRECAUTIONS” AND “PRODUCT SAFETY NOTICE” BELOW.


X-RAY RADIATION PRECAUTION

1. Excessive high voltage can produce potentially hazardous X-RAY RADIATION. To avoid such hazards, the high voltage must not exceed the specified limit. The nominal value of the high voltage of this receiver is 25.6KV [Normal Type](27.9KV [Flat Type]) at max beam current. The high voltage must not, under any circumstances, exceed 28.6KV [Normal Type] (30.9KV [Flat Type]). Each time a receiver requires servicing, the high voltage should be checked. It is important to use an accurate and reliable high voltage meter.
2. The only source of X-RAY Radiation in this TV receiver is the picture tube. For continued X-RAY RADIATION protection, the replacement tube must be exactly the same type tube as specified in the parts list.

SAFETY PRECAUTION

1. Potentials of high voltage are present when this receiver is operating. Operation of the receiver outside the cabinet or with the back cover removed involves a shock hazard from the receiver.
 - 1) Servicing should not be attempted by anyone who is not thoroughly familiar with the precautions necessary when working on high voltage equipment.
 - 2) Always discharge the picture tube to avoid the shock hazard before removing the anode cap.
 - 3) Discharge the high potential of the picture tube before handling the tube. The picture tube is highly evacuated and if broken, glass fragments will be violently expelled.
2. If any Fuse in this TV receiver is blown, replace it with the FUSE specified in the Replacement Parts List.
3. When replacing a high wattage resistor (metal oxide film resistor) in the circuit board, keep the resistor 10 mm away from circuit board.
4. Keep wires away from high voltage or high temperature components.
5. This receiver must operate between AC 110-250 volts, 50/60Hz. NEVER connect to DC supply or any other power or frequency.

PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in this equipment have special safety-related characteristics. These characteristics are often passed unnoticed by a visual inspection and the X-RAY RADIATION protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this manual and its supplements, electrical components having such features are identified by designated symbol ‘’ on the parts list. Before replacing any of these components, read the parts list in this manual carefully. The use of substitutes replacement parts which do not have the same safety characteristics as specified in the parts list may create X-RAY Radiation.

Description of CM-800S/801S CHASSIS

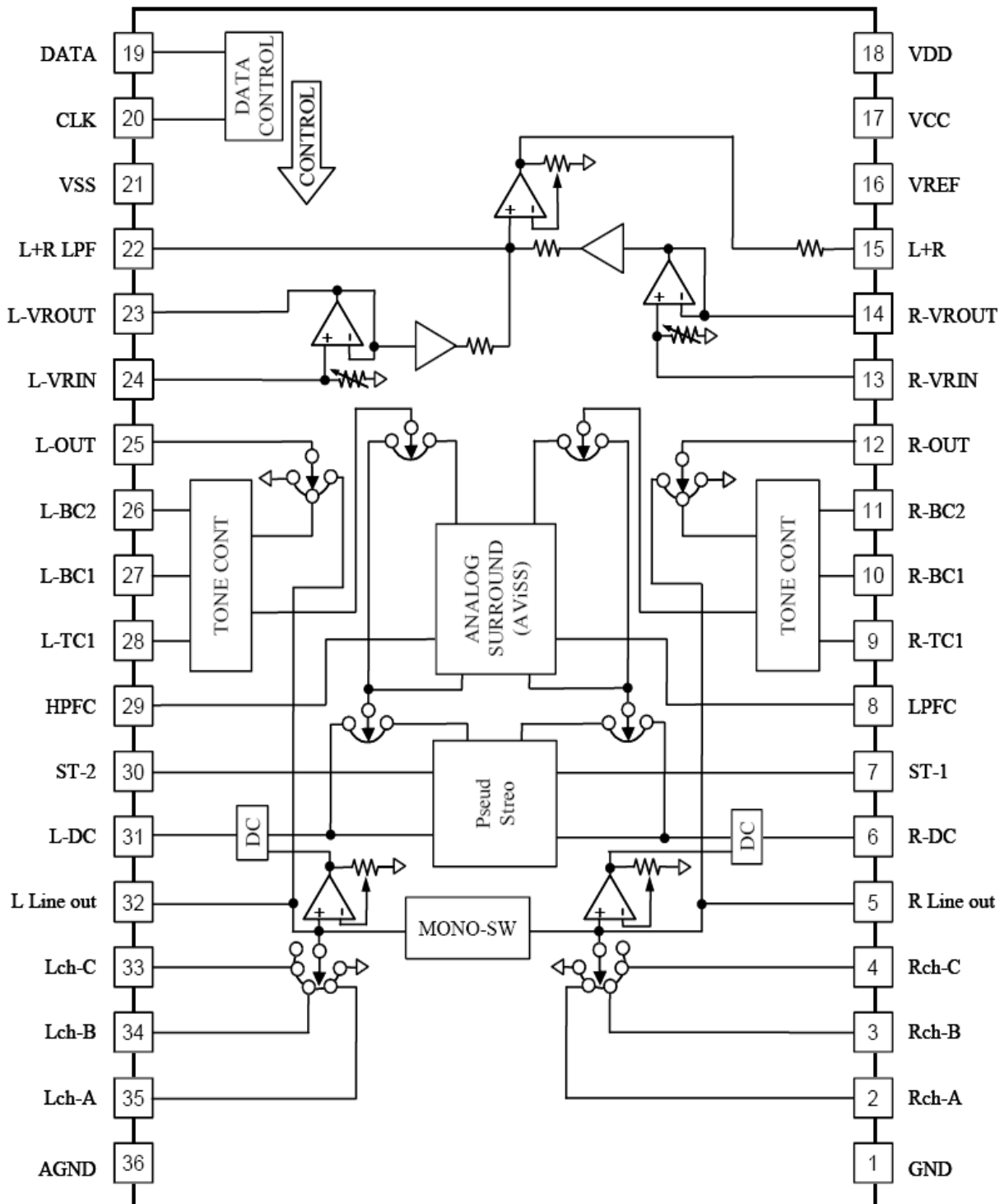
4.2 Overview of Main IC

Pin Assignment of LA76968

PIN	FUNCTION	PIN	FUNCTION
1	SIF Output	64	VIF Input1
2	VIF AGC	63	VIF Input2
3	SIF Input	62	IF Ground
4	FM Filter	61	RF AGC Output
5	FM Output / Selected Audio Output	60	Video Output
6	Audio Output	59	AFT Filter
7	SIF APC Filter	58	APC Filter
8	IF Vcc	57	Black Level Det. Filter
9	Ext. Audio Input or VM Output	56	Internal Video Input(S-C IN)
10	ABL	55	Video/Vertical Vcc
11	RGB Vcc	54	External Video Input(Y IN)
12	Red Output	53	Chroma APC Filter
13	Green Output	52	Selected Video Output or fsc Output
14	Blue Output	51	Cr Input
15	East/West Output	50	4.43MHz Crystal
16	V Ramp Osc. Capacitor	49	Cb Input
17	Vertical Output	48	Fast Blanking Input or DVD-Y
18	VCO IREF	47	Red Input or NC
19	Horizontal/BUS Vcc	46	Green Input or YC-Y
20	Horizontal AFC Filter or YC-C	45	Blue Input
21	Horizontal Output	44	Flyback Pulse Input
22	Video/Vertical/BUS Ground	43	CCD Vcc
23	P00/INT0/SO0	42	CPU Ground
24	P01/INT1/SI0,SB0	41	FILSCL
25	P02/SCK0	40	FILT
26	P03/INT3	39	RES#
27	P14/SI1,SB1	38	P13
28	P15/SCK1	37	P07/AN7
29	P16/T1PWM/SO1	36	P06/AN6
30	P17/TVPWMD	35	VDD
31	P04/AN4	34	XT2
32	P05/AN5	33	XT1

Description of Each Block

Block Diagram of LV1116



5. ALIGNMENT INSTRUCTIONS

5.1 MICROCONTROLLER CONFIGURATION : SERVICE MODE

To switch the TV set into service mode please see instruction below.

- 1 – Select PR. number 91
- 2 – Adjust sharpness to minimum and exit all menus.
- 3 – Within 2 seconds press the key sequence : **RED** – **GREEN** – **MENU**

The SERVICE menu is displayed as below,

S1	Heat Run	S7-2	Reg, 2
S2	Screen	S7-3	PIP
S3	Sound Test	S8-1	W&B
S4	Reserved	S8-2	Scr W&B
S5	AGC	S9	Dp
S6-1	4 : 3 GEO 50	S10-1	Option
S11-1	4 : 3 GEO 60	S10-2	Device
S11-2	16 : 9 GEO		
S11-3	ZOOM GEO	S12	Outgoing
S7-1	Reg. 1		

or Using the Service Remote controller, you can enter service mode directly.
To exit SERVICE menu press menu key or Stand By key.

5.2 SERVICE MODE NAVIGATION

Pr Up/Down remote keys : cycle through the service items available.

Vol -/+ remote keys : Dec./Increment the values within range – Cycle through option bits.

ALIGNMENT INSTRUCTIONS

5.3. CONTROL BITS

There are 4 option bytes available (16 bits in all). These option bits are available from FACTORY and SERVICE mode. First find the OPTION1, OPTION2, OPTION3 or OPTION4 control, and then use the UP/DOWN and PLUS/MINUS keys on the relevant remote keypad to control the bits. The table below shows the three option bytes available; Default setting in case of virgin EEPROM are shown in light grey.

<OPTOIN1>

	B7	B6	B5	B4	B3	B2	B1	B0
1	TEXT TOP 'OFF'	TEXT FLOF 'OFF'	Fixed to '0'	Teletext ON	NTSC M OFF	TUNER OPTIONS (see table below) default :sanyo		
0	TEXT TOP 'ON'	TEXT FLOF		Teletext OFF	NTSC M ON			

<OPTOIN2>

	B7	B6	B5	B4	B3	B2	B1	B0
1	Praytime 'ON'	Daewoo Logo ON	CRT slim	Koran functions enabled	Local key option (see table below) default :6key(11)		Fixed to '1'	Fixed to '0'
0	Praytime 'OFF'	Daewoo Logo OFF	CRT normal	Koran functions disabled				

<OPTOIN3>

	B7	B6	B5	B4	B3	B2	B1	B0
1	Curtain OFF	Teletext language table			Fixed to '0'	PIP OFF	Fixed to '0'	Fixed to '0'
0	Curtain ON					PIP ON		

<OPTOIN4>

	B7	B6	B5	B4	B3	B2	B1	B0
1	Not used, must be set to 1 for future compatibility			Fixed to '0'	Koran direct key enabled	Fixed to '0'	Fixed to '0'	DVD OFF
0					Koran direct key disabled			DVD ON

ALIGNMENT INSTRUCTIONS

5.4 USER GUIDE

5.4.1 ENTERING FACTORY MODE

To switch the TV set into FACTORY mode, use the factory remocon, and press on S10. The factory menu will appear on the screen, showing "VER xx.xx DATE d xx m xx y xx" (where xx.xx is the software version, "d xx m xx y xx" means date).

5.4.2 ENTERING OPTION BITS MENU

To find the option bits, push the button S10 one more.
OPTION BITS TABLE as below will appear.

ex).

(S10-1)									
EPROM & OPTION & DEVICE EDIT									
Ver.	xx.xx	DATE	dxx	mx	yy	xx			
	7		bit		0	HEX			
OPTION1	1	0	1	1	1	0	0	1	B9
OPTION2	0	0	1	1	1	1	1	0	3E
OPTION3	1	1	1	1	0	1	0	0	F4
OPTION4	1	1	1	0	1	0	0	0	E8

5.4.3 SELECTING OPTION BITS

From left to right, bits 7 to 0 are shown. Navigation is done from the with the factory remocon with the VOL MIN and VOL MAX buttons. The selected bit is changed RED from BLUE.

5.4.4 TOGGLING OPTION BITS

This is done by using the PR UP and PR DOWN buttons.

5.4.5 CHANGING OPTION1,2,3,4

to go option2, go to the option1 with VOL left/right buttons.
and push the PR UP and PR DOWN buttons. Option1,2,3,4 are changed as below

< OPTION1 -> OPTION2 -> OPTION3 -> OPTION4 -> OPTION1 >

5.4.6 EXITING OPTION BITS MENU

To exit from option bits table, Push the button S10 twice.

ALIGNMENT INSTRUCTIONS

5.5 CONTROL DESCRIPTION

5.5.1 OPTION 1 BITS

FLOF/Fasttext (Bit 6)

Enables/disables the TV from displaying FLOF row 24 link titles.

Teletext ON/OFF (Bit 4)

Enables/disables the Teletext on TV. If Teletext is disabled, user can not select clock prog and in features menu.

NTSC M ON/OFF (Bit 3)

Enables/disables NTSC M function.

Tuner (Bits 2, 1 & 0)

Configures the software to communicate with the tuner via i2c bus. Incorrect configuration may not be immediately obvious, but will result in loss of functionality (e.g. unable to tune UHF channels, unable to tune some hyperband channels).

Bit2	Bit1	Bit0	LNA	Tuner	
0	0	0	No	Philips(external AGC)	UV1316A I-4
0	0	1	No	Sanyo	115-B-8A86EU
0	1	0	No	LG	TAEM-G008D
0	1	1	No	Samsung	TECC2949PG35W
1	0	0	-	Should not be used	
1	0	1	-	Should not be used	
1	1	0	yes	LG	TAEM-G605D
1	1	1	-	Should not be used	

5.5.2 OPTION 2 BITS

Daewoo Logo ON/OFF (Bit 6)

Enables/disables the display of Daewoo logo at power on.

CRT slim/normal (Bit 5)

You must enable this bit for slim CRT which need V-SHIFT adjustment.

Koran functions enabled/disabled (Bit 4)

Enables/disables the Koran function at power ON.

If OSD language is not Persian or Arabic, this function is disabled.

ALIGNMENT INSTRUCTIONS

Local key option (Bit 3 & 2)

	11	10	01	00
0 mV ~ 700 Mv	NC	Not used	Power(ST_BY on/off)	Not used
700 mV ~ 1.40V	Menu		Menu	
1.40V ~ 2.10 V	Prog. Up		Prog. Up	
2.10 V ~ 2.80 V	Prog. Dwn		Prog. Dwn	
2.80 V ~ 3.50 V	Vol. Up		Vol. Up	
3.50 V ~ 4.20 V	Vol. Dwn		Vol. Dwn	
4.20 V ~ 5.00 V	TV/AV		TV/AV	

5.5.3 OPTION 3 BITS

Curtain ON/OFF (Bit 7)

Enables/disables the curtain function at power ON.

Teletext language option (Bit 6, 5& 4)

	Bit 6, 5& 4
Latin West	000
Latin East	001
Russia	010
Persia	011
Arabic	100
Automatic	101
...	
Automatic	111

recommend Automatic mode(111).

PIP ON/OFF (Bit 2)

Enables/disables PIP function.

5.5.4 OPTION 4 BITS

DVD ON/OFF (Bit 0)

Enables/disables DVD function.

0 DVD ON : RF -> AV1/AV2 -> DVD1 -> DVD2 -> GAME

1 DVD OFF : RF -> AV1/AV2 -> GAME

Koran direct key enabled/disabled (Bit 3)

When set to 1, pressing Yellow key makes the pray menu come on screen. When set 0, the function is disabled. If OSD language is not Persian, this option bit is ignored.

ALIGNMENT INSTRUCTIONS

5.5.4 TV SET ALIGNMENT

(1) Screen (G2) Alignment (S2)

- (1)-1. Screen Alignment will be performed after sufficient Heat-Run of Set.
- (1)-2. Press the "S1" key of service remote controller to the heat run mode off.
- (1)-3. Receive the RETMA(or COLOR BAR) PATTERN.
- (1)-4. Press the "S2" key on the service remocon.
 - #. Preparatory Focus (G1) Alignment
 - You must try to Focus Alignment roughly for exact SCREEN alignment.
 - Adjust the Focus VR of the FBT (T401) so that the center circle of RETMA Signal is clear and sharp.
- (1)-5. Turn round the Screen Volume of FBT until to the horizontal line of screen disappear.
- (1)-6. Press the "S2" key of service remote controller again.

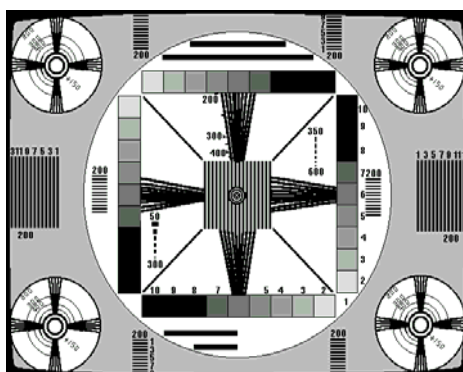
(2) AUTO AGC Alignment (S5)

- (2)-1. Make sure option bits are correct for the tuner fitted on the chassis.
- (2)-2. Receive the COLOR BAR PATTERN(or similar pattern) of VHF-HIGH channel.
- (2)-3. Control the RF signal level at $62 \pm 1 \text{ dBuV}$
- (2)-4. Press "S5" key of the service remocon, so that AGC is automatically adjusted.
 - * you can manually adjust, using the under side AGC key of remote controller.

(3) Geometry Alignment (S6)

Receive the RETMA PATTERN and Press the "S6" key of service remocon.

- (3)-1. Using the "◀ VOL / VOL ▶" key of "H-CENTER" in service remote controller, Adjust the Horizontal Center of the picture.
- (3)-2. Using the "◀ VOL / VOL ▶" key of "H-SIZE" in service remote controller, Adjust the Horizontal Size of the picture(RETMA PATTERN).
- (3)-3. Using the "◀ VOL / VOL ▶" key of "V-SHIFT(Slim CRT) or V-CENTER(Normal CRT)" in service remote controller, Adjust the Vertical Center of the picture.
- (3)-4. Using the "◀ VOL / VOL ▶" key of "V-SIZE" in service remote controller, Adjust the Vertical Size of the picture.

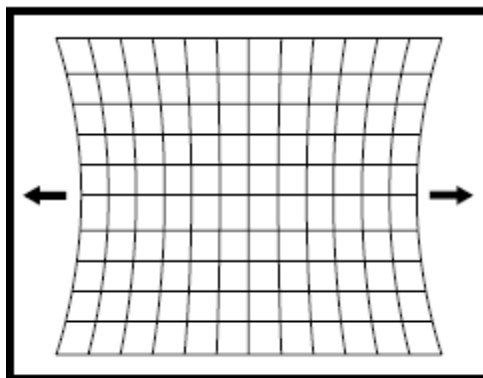


ALIGNMENT INSTRUCTIONS

(4) EAST / WEST Alignment (S6)

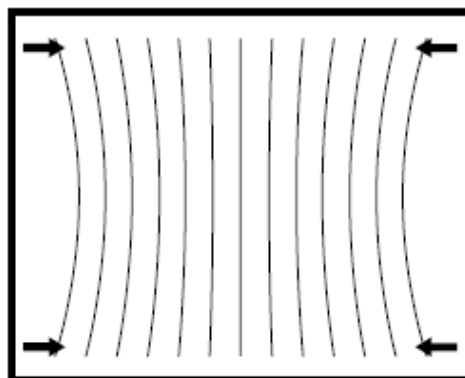
Receive the CROSS-HATCH PATTERN and Press the "S6" key of service remotecon.

- (4)-1. Using the " ◀ VOL / VOL ▶ " key of "EW-PARA" in service remote controller,
Adjust the Parabolic distortion of the picture.



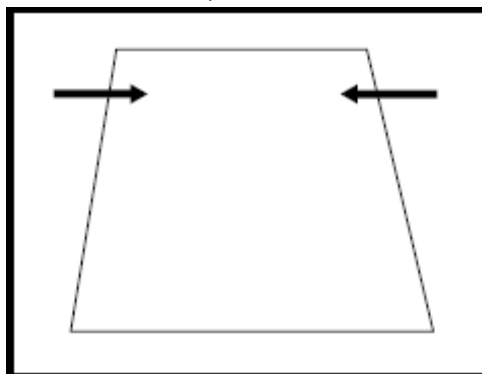
EW-PARA

- (4)-2. Using the " ◀ VOL / VOL ▶ " key of "EW-COR-T / B" in service remote controller,
Adjust the Parabolic distortion of the picture.



EW-COR-T / B

- (4)-3. Using the " ◀ VOL / VOL ▶ " key of "EW-COR-T / B" in service remote controller,
Adjust the Parabolic distortion of the picture.



EW-TRAP

ALIGNMENT INSTRUCTIONS

(5) WHITE BALANCE Alignment (S8)

(5)-1. Select a dark picture and adjust R-BIAS and G-BIAS to the desired colour temperature.

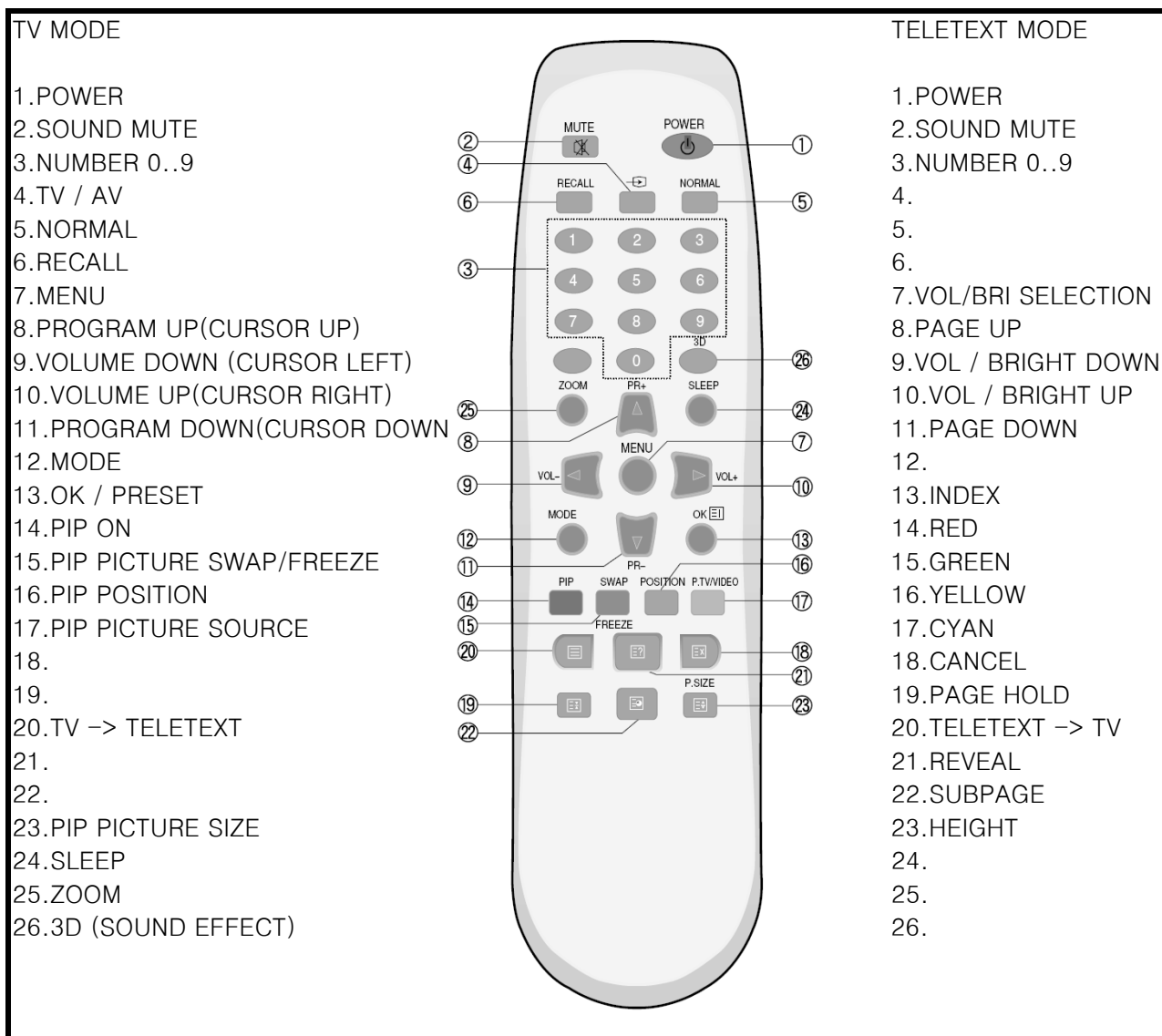
(5)-2. Select a bright picture and adjust R-DRIVE and B-DRIVE to the desired colour temperature.

(6) SUB-BRIGHTNESS ALIGNMENT (S9)

(6)-1. Receive PAL RETMA signal.

(6)-2. Using the " ◀ VOL / VOL ▶ " key of "SUB-BRI" in service remote controller, Adjust the sub-bright(brightness) for suitable brightness of picture.

5.5.5 Remote control



6. RECOMMENDED EEPROM DATA FOR CM-800S/801S

6.1 EEPROM DATA

adjust data fix data

NAME	801S	800S	NAME	801S	800S	NAME	801S	800S	NAME	801S	800S
IF CONTROL (S5)			(S11-2)			(S7-1)			(S8-1)		
AUTO RF AGC START			W-V-CENT	0	0	PR-SHOOT	3	3	R-DRIVE	63	63
RF AGC D	28	28	W-V-SIZE	-35	-35	OV-SHOOT	3	3	B-DRIVE	63	63
AGC LVL	4	4	W-H-CENT	0	0	WPL OPE	2	2	R-BIAS	140	140
O MODE L	0	0	W-EW-DC	0	0	Y GAMMA	1	0	B-BIAS	140	140
O MODE SW	1	1	W-V-LIN	0	0	DC-REST	1	0	G-BIAS	140	140
SYNC SEN	4	4	W-V-SC	0	0	B-START	1	0	G-DRIVE	8	8
V-SETUP	0	0	W-EW-AMP	-14	0	B-S-GAIN	2	2	(S8-2)		
VBLK SW	0	0	W-EW-TIL	0	0	BELL SW	1	1	S R-DRIV	63	63
(S6 50Hz)			W-EW-C-B	0	0	BELL AOL	3	3	S G-DRIV	8	8
H-CENTER	10	8	W-EW-C-T	0	0	EQU ON	0	0	S B-DRIV	63	63
V-SHIFT(cent)	0	25	WV-CE-60	0	-20	EQU ADJ	0	0	S R-BIAS	40	40
V-SIZE	78	56	WV-SIZ-60	+3	+3	H-CENT-GM	21	23	S G-BIAS	230	230
H-SIZE	33	*	WH-CE-60	+5	+5	(S7-2)			S B-BIAS	40	40
EW-PARA	33	*	W-H-SIZ-60	0	0	RYBY-ANG	8	8	S BRIGT	35	35
EW-COR-T	10	*	W-EW-PA-60	0	0	RYBY-G-B	8	8	(S9)		
EW-COR-B	8	*	W-EW-TP-60	0	0	RY D PA/NT	24	24	SUB-BRI	44	44
EW TRAP	28	*	W-EW-B-60	0	0	BY D PA/NT	24	24	DP-CONT	10	10
V-CEN-TX	0	0	W-EW-T-60	0	0	OSD CONT	5	5	DP-COLOR	27	27
V-SIZ-TX	-4	-2	(S11-3)			C-BYPASS	1	1	DP-SHARP	7	7
V-LINEAR	21	20	E-V-CENT	0	0	OSD-C-GM	5	5	V-LVL	6	6
V-S COR	16	15	E-V-SIZE	+15	+15	H-SIZE-GM	2	2	V-LVL-D	1	1
EW-C-SW	0	0	E-H-CENT	0	0	RY D SECAM	13	13	COLOR-NT	-10	-10
V-COMP	4	4	E-EW-DC	0	0	BY D SECAM	26	26	DP-CON-W	-27	-27
H-SIZE-C	4	4	E-V-LIN	0	0	RY D DVD2	16	16	DP-CON-E	10	10
H-BLK-R	4	4	E-V-SC	0	0	BY D DVD2	16	16	SUB-BRI-TX	-10	-10
H-BLK-L	4	4	E-EW-AMP	7	7	PIP (S7-3)					
H-BLK-SW	1	1	E-EW-TIL	0	0	CONTRAST	15				
V-CENTER(sh	40	0	E-EW-C-B	0	0	BRIGHTNESS	0				
EW-PA-TX	-4		E-EW-C-T	0	0	COLOR	8				
(S11-1:60Hz)			EV-CE-60	0	0	TINT	0				
H-CEN-60	5	5	EV-SIZ-60	-3	-3	SHARPNESS	7				
V-CEN-60	0	0	EH-CE-60	+5	+5	R	47				
V-SIZE-60	-2	-2	E-H-SIZ-60	0	0	G	34				
H-SIZE-60	0	0	E-EW-PA-60	0	0	B	64				
EW-PA-60	0	0	E-EW-TP-60	0	0	H-SHIFT	0				
EW-T-60	0	0	E-EW-B-60	0	0	V-SHIFT	0				
EW-B-60	0	0	E-EW-T-60	0	0						
EW-TP-60	0	0									
V-SH-60	-3	-3									

6.2 OPTION DATA

	MZF	MTF	MEF	BZF	RZF
OPTION1	10101001	10111001	10111001	10101110	10100001
OPTION2	00111110	00111110	00111110	00111110	00111110
OPTION3	11110100	11110100	11110000	11110100	11110100
OPTION4	11101000	11101000	11101000	11101000	11101000
TEXT	X	O	O	X	X
PIP	X	X	O	X	X
Booster	X	X	X	O	X
NTSC	X	X	X	X	O

7. ELECTRICAL PARTS LIST

1. DTA-21A8MTF(CM-800S)

LOC	PART CODE	PART NAME	DESCRIPTION	LOC	PART CODE	PART NAME	DESCRIPTION
ZZ100	48B5655C03	TRANSMITTER REM	R-55C03 (AAA)	400	2291050312	FLUX SOLVENT	S-3000
ZZ110	PTACPWE446	ACCESSORY AS	DTA-21A7MEF	C403	CMYH3C912J	C MYLAR	1.6KV BUP 9100PF J
0100	4850Q00910	BATTERY	R03/NN	C407	CMYF2G274J	C MYLAR	400V MPP 0.27MF J
0200	48586054K1	MANUAL INSTRUCT	DTM-2082CW	C801	CL1UC3474M	C LINE ACROSS	0.47MF 1J(UCVSNDF/SV)+Q/O
M001	4858213803	BAG INSTRUCTION	L.D.P.E TO.05X250X400(+20)	C804	CEYD2W151D	C ELECTRO	450V FHS 150MF (25X40)
ZZ120	PTBCSHE447	COVER BACK AS	DTA-21A8MEF	C811	CH1BFE332M	C CERA AC	4.0KV 3300PF M SD AC250V
M211	4852179801	COVER BACK	HIPS BK	C819	CMXM2E104K	C MYLAR	250V 0.1MF K
M781	4857817610	CLOTH BLACK	FELT 300X20X0.7	C823	CL1UC3224M	C LINE ACROSS	0.22MF 1J(UCVSNDF/SV)+Q/O
ZZ130	PTPKCPE447	PACKING AS	DTA-21A8MEF	D809	DRGP30JP--	DIODE	RGP-30JP
10	6520000365	STAPLE PIN	AUTO W65 ROHS(E ZN)	D817	DSR306E20-	DIODE	SR306E20
M801	4858059800	BOX	DW-3	DE01	DLH2PR04--	LED BLOCK	LH-2P-R-04
M811	485819DM00	PAD	EPS 21A8	I301	PTE2SW7100	HEAT SINK ASS'Y	1LA78040-- + 7174300851
M821	4858219101	BAG P.E	P.E FOAM T0.5X1300X1150	00001	1LA78040--	IC VERTICAL	LA78040
ZZ131	48519A7610	CRT GROUND NET	2103S-1015-1P	0000A	4857027100	HEAT SINK	SPCC T1.0+SN
ZZ132	58G0000177	COIL DEGAUSSING	DC-21SF AL	0000B	7174300851	SCREW TAPPTITE	TT2 RND 3X8 MFZN 3CR
ZZ140	PTCACAE470	CABINET AS	DTA-21A8MTF	I401	PTZ2SW6900	HEAT SINK ASS'Y	1K1A7805P1 + 7174300851
40	2TF01612CL	TAPE FILAMENT	T0.15XW12MMXL50M CLEAR	00001	1K1A7805P1	IC REGULATOR	KIA7805API
M201A	4856017703	SCREW CRT FIX	5X30 L80 BK 3CR	0000A	4857026900	HEAT SINK	AL EX
M201B	4856214902	WASHER RUBBER	CR T2.0	0000B	7174300851	SCREW TAPPTITE	TT2 RND 3X8 MFZN 3CR
M201C	4856017710	SCREW CRT FIX	5X30 L190 BK 3CR	I501	1LA76968FE	IC MICOM FLASH	LA76968F-E
M211A	7172401452	SCREW TAPPTITE	TT2 TRS 4X14 MFZN BK 3CR	I601	1LV1116NE--	IC TONE CONTROL	LV1116N-E
M211B	7178301252	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK 3CR	I602	PTR2SW8210	HEAT SINK ASS'Y	1LA42102-- + 7174300851
M541	4855415800	SPEC PLATE	150ART P/E FILM (C/TV)	00001	1LA42102--	IC AUDIO AMP	LA4210
M681	4856812001	TIE CABLE	NYLON66 DA100	0000A	4857028210	HEAT SINK	AL EX
M700	7178301051	SCREW TAPPTITE	TT2 WAS 3X10 MFZN 3CR	0000B	7174300851	SCREW TAPPTITE	TT2 RND 3X8 MFZN 3CR
SP01A	7178301051	SCREW TAPPTITE	TT2 WAS 3X10 MFZN 3CR	I702	1CAT24C32P	IC MEMORY	CAT24WC32P
SP01B	7178301051	SCREW TAPPTITE	TT2 WAS 3X10 MFZN 3CR	I801	PTH2SW4607	HEAT SINK ASS'Y	1STRW6754- + 7174300851
V901	4859648660	CRT	A51AKL15X36 (M)	00001	1STRW6754-	IC POWER	STR-W6754
ZZ200	PTFMSJE447	MASK FRONT AS	DTA-21A8MEF	0000A	4857024607	HEAT SINK	AL EX DG
M201	4852096511	MASK FRONT	HIPS GY	0000B	7174300851	SCREW TAPPTITE	TT2 RND 3X8 MFZN 3CR
M481	4854872911	BUTTON POWER	ABS GY	I802	1LTV817C--	IC PHOTO COUPLE	LTV-817C
M481A	4856716000	SPRING	SWPA PIE0.5	IF01	1441VF6---	IC PREAMP	441VF6
M491	4854965111	BUTTON CH	ABS GY	JPA01	4859110950	JACK PIN	YS01-0001(3P SCART TYPE)
M491A	7178301051	SCREW TAPPTITE	TT2 WAS 3X10 MFZN 3CR	JPA03	4859111750	JACK PIN	PH-JB-9515
M551	4855557900	DECO SENSOR	GPPS	JPA04	4859112850	JACK PIN	DPSS-0173(3P ST)
M561	4855617500	MARK BRAND	CU AU+ABS BK	L401	58H0000055	COIL H-LINEARITY	TRL-361A
M781	4857818703	CLOTH BLACK	FELT T1.0 L=300 W=15	LF801	5PLF28A1--	FILTER LINE	LF-28A1
ZZ210	PTSPPW447	SPEAKER AS	DTA-21A8MEF	P901A	4850705S04	CONNECTOR	YH025-05+YBNH250+ULW=400
P601A	4850704S31	CONNECTOR	YH025-04+YRT205+ULW80040	P902A	4850704S04	CONNECTOR	YH025-04+YST025+ULW=400
SP01	4858320110	SPEAKER	SP-50110F06C 10W 8 OHM	PS01	4850708S01	CONNECTOR	YH025-08+YST025+ULW=400
SP02	4858320110	SPEAKER	SP-50110F06C 10W 8 OHM	PW801	4859902910	CORD POWER AS	KKP419C+BL102NG+TUBE=2100
ZZ290	PTMPMSE470	PCB MAIN MANUAL	DTA-21A8MTF	Q402	PTK2SW7201	HEAT SINK ASS'Y	TTT2190YB + 7174300851
100	2193110012	SOLDER WIRE	SAC3000 Φ3.0MM (LFA3C0-W)	00001	TTT2190YB-	TR HORI	TT2190LS-YB11
200	2193110024	SOLDER WIRE	SAC3005 Φ1.6MM (LFA3-107-	0000A	4857027201	HEAT SINK	AL T1.0
300	2291050623	FLUX SOLDER LF	SV-PBF-304P(0.823)	0000B	7174300851	SCREW TAPPTITE	TT2 RND 3X8 MFZN 3CR

ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	DESCRIPTION	LOC	PART CODE	PART NAME	DESCRIPTION
Q805	TKTC2026Y-	TR	KTC2026Y	E006	4856310300	EYE LET	BSR T0.2 (R1.6)
Q902	TKTC3229--	TR	KTC3229	E007	4856310300	EYE LET	BSR T0.2 (R1.6)
Q903	TKTC3229--	TR	KTC3229	E008	4856310300	EYE LET	BSR T0.2 (R1.6)
Q904	TKTC3229--	TR	KTC3229	E009	4856310300	EYE LET	BSR T0.2 (R1.6)
R800	RX07B229JP	R CEMENT	7W 2.2 OHM J BEN 15MM 4P	E010	4856310600	EYE LET	BSR T0.2 (R2.3)
R801	DTC7R0M270	POSISTOR	PDC7R0MP6B7Z81C	E011	4856310600	EYE LET	BSR T0.2 (R2.3)
SCT01	4859304130	SOCKET CRT	ISHG93S	E013	4856310600	EYE LET	BSR T0.2 (R2.3)
SF101	5PSF5407F3	FILTER SAW	TSF5407F3	E014	4856310600	EYE LET	BSR T0.2 (R2.3)
SW801	5S40101143	SW POWER PUSH	PS3-22SP (P.C.B)	E015	4856310600	EYE LET	BSR T0.2 (R2.3)
T401	50D10A3---	TRANS DRIVE	TD-10A3	E017	4856310300	EYE LET	BSR T0.2 (R1.6)
T402	50H0000328	FBT	LTC-520	E018	4856310300	EYE LET	BSR T0.2 (R1.6)
T801	50M3541C6-	TRANS SMPS	TSM-3541C6	E019	4856310300	EYE LET	BSR T0.2 (R1.6)
U101	4859730130	TUNER VARACTOR	115-B-8A86EU	E020	4856310300	EYE LET	BSR T0.2 (R1.6)
X701	5XYR03276C	CRYSTAL QUARTZ	C-001R 32.768000KHZ 20PPM	E021	4856310300	EYE LET	BSR T0.2 (R1.6)
Z801	DSVC471D14	VARISTOR	SVC471D14A (BULK)	E022	4856310300	EYE LET	BSR T0.2 (R1.6)
ZZ200	PTMPJ0E470	PCB MAIN (RHU) A	DTA-21A8MTF	E023	4856310300	EYE LET	BSR T0.2 (R1.6)
C120	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP	E025	4856310600	EYE LET	BSR T0.2 (R2.3)
C305	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	E026	4856310600	EYE LET	BSR T0.2 (R2.3)
C307	CEXF1E102V	C ELECTRO	25V RSS 1000MF (13X20) TP	E027	4856310600	EYE LET	BSR T0.2 (R2.3)
C309	CEXF1V471V	C ELECTRO	35V RSS 470MF (10X20) TP	E028	4856310600	EYE LET	BSR T0.2 (R2.3)
C408	CEXF2E220V	C ELECTRO	250V RSS 22MF (13X20) TP	E029	4856310600	EYE LET	BSR T0.2 (R2.3)
C503	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP	E030	4856310600	EYE LET	BSR T0.2 (R2.3)
C508	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP	E031	4856310600	EYE LET	BSR T0.2 (R2.3)
C614	CEXF1C222V	C ELECTRO	16V RSS 2200MF (13X25) TP	E032	4856310600	EYE LET	BSR T0.2 (R2.3)
C635	CCXB3D221K	C CERA	2KV B 220PF K (TAPPING)	E033	4856310600	EYE LET	BSR T0.2 (R2.3)
C705	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	E034	4856310600	EYE LET	BSR T0.2 (R2.3)
C802	CH1BEE222M	C CERA AC	U/C/V 2.5KV 2200PF TP	N401	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)
C803	CH1BEE222M	C CERA AC	U/C/V 2.5KV 2200PF TP	N402	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)
C805	CBXB3D102K	C CERA SEMI	2KV BL(N) 1000PF K (T)	N403	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)
C812	CBXB3D471K	C CERA SEMI	2KV BL(N) 470PF K (T)	N404	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)
C813	CEXF2C101V	C ELECTRO	160V RSS 100MF (16X25) TP	N801	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)
C814	CEXF2C101V	C ELECTRO	160V RSS 100MF (16X25) TP	N802	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)
C816	CEXF1C222V	C ELECTRO	16V RSS 2200MF (13X25) TP	N803	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)
C817	CCXB3D221K	C CERA	2KV B 220PF K (TAPPING)	N804	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)
C818	CEXF1E222V	C ELECTRO	25V RSS 2200MF (16X25) TP	P601	485923172S	CONN WAFER	YW025-04 (STICK)
C821	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP	P901	485923182S	CONN WAFER	YW025-05 (STICK)
C830	CBXB3D471K	C CERA SEMI	2KV BL(N) 470PF K (T)	P902	485923172S	CONN WAFER	YW025-04 (STICK)
C834A	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	PAS01	485923512S	CONN WAFER	YW025-08 (STICK)
C905	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP	R127	RS02Z560JS	R M-OXIDE FILM	2W 56 OHM J SMALL
C906	CBXB3D102K	C CERA SEMI	2KV BL(N) 1000PF K (T)	R308	RS02Z109JS	R M-OXIDE FILM	2W 1 OHM J SMALL
ZZ200	PTMPJBE470	PCB MAIN M-10 AS	DTA-21A8MTF	R315	RS02Z109JS	R M-OXIDE FILM	2W 1 OHM J SMALL
500	2TM18006BE	TAPE MASKING	6.2X500	R406	RS02Z103JS	R M-OXIDE FILM	2W 10K OHM J SMALL
E001	4856310300	EYE LET	BSR T0.2 (R1.6)	R407	RS02Z102JS	R M-OXIDE FILM	2W 1K OHM J SMALL
E002	4856310300	EYE LET	BSR T0.2 (R1.6)	R412	RS01Z279J-	R M-OXIDE FILM	1W 2.7 OHM J (TAPPING)
E003	4856310300	EYE LET	BSR T0.2 (R1.6)	R526	RS02Y829JS	R M-OXIDE FILM	2W 8.2 OHM J SMALL
E004	4856310300	EYE LET	BSR T0.2 (R1.6)	R527	RS02Z470JS	R M-OXIDE FILM	2W 47 OHM J SMALL
E005	4856310300	EYE LET	BSR T0.2 (R1.6)	R805	RS02Z228JS	R M-OXIDE FILM	2W 0.22 OHM J SMALL

ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	DESCRIPTION	LOC	PART CODE	PART NAME	DESCRIPTION
R827	RS02Z331JS	R M-OXIDE FILM	2W 330 OHM J SMALL	C607	CMXL1H104J	C MYLAR	50V MEU 0.1MF J
ZZ200	PTMPJRE470	PCB MAIN RADIAL	DTA-21A8MTF	C608	CMXM2A272J	C MYLAR	100V 2700PF J (TP)
C102	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	C611	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
C106	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	C613	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP
C108	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	C615	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP
C112	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	C618	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
C114	CMXM2A223J	C MYLAR	100V 0.022MF J TP	C621	CMXM2A272J	C MYLAR	100V 2700PF J (TP)
C116	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	C622	CMXL1J104J	C MYLAR	63V MEU 0.1MF J
C117	CMXM2A223J	C MYLAR	100V 0.022MF J TP	C623	CMXM2A683J	C MYLAR	100V 0.068MF J (TP)
C213	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	C624	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP
C301	CMXM2A103J	C MYLAR	100V 0.01MF J (TP)	C625	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)
C302	CXSL2H100D	C CERA	500V SL 10PF D (TAPPING)	C626	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)
C303	CEXF1H101V	C ELECTRO	50V RSS 100MF (8X11.5) TP	C627	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP
C304	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	C628	CEXF1E470C	C ELECTRO	25V RUS 47MF (5X11) TP
C306	CEXD1H229Q	C ELECTRO	50V RT 2.2MF (6.3X11) TP	C629	CMXL1J224J	C MYLAR	63V MEU 0.22MF J (TP)
C310	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	C630	CMXL1J224J	C MYLAR	63V MEU 0.22MF J (TP)
C401	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	C633	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP
C402	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)	C636	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP
C405	CCXB2H561K	C CERA	500V B 560PF K (TAPPING)	C706	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP
C406	CEXF2E229C	C ELECTRO	250V RUS 2.2MF(8X11.5)TP	C708	CEXF1H338V	C ELECTRO	50V RSS 0.33MF (5X11) TP
C409	CXSL2H100D	C CERA	500V SL 10PF D (TAPPING)	C709	CMXM2A333J	C MYLAR	100V 0.033MF J (TP)
C410	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	C710	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP
C501	CMXL1J334J	C MYLAR	63V MEU 0.33MF J (TP)	C806	CEXF1H330V	C ELECTRO	50V RSS 33MF (6.3X11) TP
C502	CMXM2A102J	C MYLAR	100V 1000PF J (TP)	C807	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
C506	CMXL1J474J	C MYLAR	63V MEU 0.47MF J	C815	CEXF2A100V	C ELECTRO	100V RSS 10MF (6.3X11) TP
C510	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	C820	CMXL1J104J	C MYLAR	63V MEU 0.1MF J
C511	CMXM2A153J	C MYLAR	100V 0.015MF J (TP)	C828	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)
C512	CMXM2A153J	C MYLAR	100V 0.015MF J (TP)	CA05	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP
C514	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP	CA06	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP
C515	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	CA07	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP
C517	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	CA08	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP
C526	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP	CV02	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP
C527	CMXM2A473J	C MYLAR	100V 0.047MF J (TP)	CV03	CEXF1C330V	C ELECTRO	16V RSS 33MF (6.3X7) TP
C528	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	CV04	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP
C529	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	F801	5FWPS4022L	FUSE	WIDE TL 250V 4A CASE
C531	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	I803	1K1A431B--	IC REGULATOR(SH	KIA431B 2.495V 0.5% TO-92
C532	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	L802	58CX430599	COIL CHOKE	AZ-9004Y 940K TP
C533	CMXM2A473J	C MYLAR	100V 0.047MF J (TP)	L804	58C0000116	COIL BEAD	HC-3550R
C534	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	L805	58C0000116	COIL BEAD	HC-3550R
C536	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	Q101	TKTC3198Y-	TR	KTC3198Y
C537	CEXF1C331V	C ELECTRO	16V RSS 330MF (8X11.5) TP	Q103	TKTC3198Y-	TR	KTC3198Y
C601	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	Q104	TKSA1013Y-	TR	KSA1013Y (TP)
C602	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	Q401	TKTC3207--	TR	KTC3207 (TP)
C603	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	Q501	TKTA1266Y-	TR	KTA1266Y (TP)
C604	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	Q502	TKTA1266Y-	TR	KTA1266Y (TP)
C605	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	Q601	TKTA1266Y-	TR	KTA1266Y (TP)
C606	CMXM2A562J	C MYLAR	100V 5600PF J (TP)	Q801	TKTC3198Y-	TR	KTC3198Y

ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	DESCRIPTION	LOC	PART CODE	PART NAME	DESCRIPTION
Q802	TKTC3198Y-	TR	KTC3198Y	C631	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)
Q803	TKTC3198Y-	TR	KTC3198Y	C632	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)
Q901	TKTA1266Y-	TR	KTA1266Y (TP)	C637	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
Q905	TKTA1266Y-	TR	KTA1266Y (TP)	C638	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
QV01	TKTA1266Y-	TR	KTA1266Y (TP)	C639	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
R307	RN02B681JS	R METAL FILM	2W 680 OHM J SMALL	C640	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
R310	RN02B271JS	R METAL FILM	2W 270 OHM J SMALL	C701	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)
R311	RN01B221JS	R METAL FILM	1W 220 OHM J SMALL	C702	CZCH1H180J	C CERA	50V CH 18PF J (AXIAL)
R317	RN02B681JS	R METAL FILM	2W 680 OHM J SMALL	C703	CZCH1H180J	C CERA	50V CH 18PF J (AXIAL)
R404	RN01B472JS	R METAL FILM	1W 4.7K OHM J SMALL	C704	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)
R830	RN01B184JS	R METAL FILM	1W 180K OHM J SMALL	C707	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)
R913	RN02B123JS	R METAL FILM	2W 12K OHM J SMALL	C711	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
R914	RN02B123JS	R METAL FILM	2W 12K OHM J SMALL	C808	CCZB1H471K	C CERA	50V B 470PF K (AXIAL)
R915	RN02B123JS	R METAL FILM	2W 12K OHM J SMALL	C809	CCZJ1H473Z	C CERA	50V F 0.047MF Z AXL(1608)
SW01	5S50101090	SW TACT	THVH472GCA(SKHV17910A)	C810	CCZB1H821K	C CERA	50V B 820PF K AXIAL
SW02	5S50101090	SW TACT	THVH472GCA(SKHV17910A)	C901	CCZB1H331K	C CERA	50V B 330PF K (AXIAL)
SW03	5S50101090	SW TACT	THVH472GCA(SKHV17910A)	C902	CCZB1H221K	C CERA	50V B 220PF K (AXIAL)
SW04	5S50101090	SW TACT	THVH472GCA(SKHV17910A)	C903	CCZB1H561K	C CERA	50V B 560PF K
SW05	5S50101090	SW TACT	THVH472GCA(SKHV17910A)	CA01	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)
SW06	5S50101090	SW TACT	THVH472GCA(SKHV17910A)	CA02	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)
X503	5XE4R4336C	CRYSTAL QUARTZ	HC-49/U 4.433619MHZ 20PPM	CA03	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)
ZZ200	PTMPJAE470	PCB MAIN AXIAL	DTA-21A8MTF	CA04	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)
510	2TM14006LB	TAPE MASKING	3M #232 6.0X2000M	CA11	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)
520	2TM10006LB	TAPE MASKING	3M #232-MAP-C 6.2X2000M	CA12	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)
A001	4859814893	PCB MAIN	330X246(1X1) D1B	CA17	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)
C107	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	CA18	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)
C115	CZCH1H100J	C CERA	50V CH 10PF J	CS01	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)
C118	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	CS02	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)
C119	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)	CS03	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)
C121	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)	CS06	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)
C122	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)	D101	DUZ33B----	DIODE ZENER	UZ-33B
C123	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)	D104	DMTZJ5R1A-	DIODE ZENER	MTZJ 5.1A
C124	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)	D105	D1N4148----	DIODE	1N4148 (TAPPING)
C504	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)	D106	D1N4148----	DIODE	1N4148 (TAPPING)
C507	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)	D301	D1N4004S--	DIODE	1N4004S
C513	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)	D302	DRGP15JP--	DIODE	RGP-15JP
C516	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)	D303	D1N4937G--	DIODE	1N4937G (TAPPING)
C518	CCZB1H181K	C CERA	50V B 180PF K (AXIAL)	D306	DUZ33B----	DIODE ZENER	UZ-33B
C523	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)	D307	DUZ33B----	DIODE ZENER	UZ-33B
C524	CZCH1H180J	C CERA	50V CH 18PF J (AXIAL)	D401	D1N4937G--	DIODE	1N4937G (TAPPING)
C525	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)	D402	D1N4148----	DIODE	1N4148 (TAPPING)
C530	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)	D403	D1N4148----	DIODE	1N4148 (TAPPING)
C535	CCZB1H391K	C CERA	50V B 390PF K (AXIAL)	D404	D1N4937G--	DIODE	1N4937G (TAPPING)
C609	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)	D601	D1N4148----	DIODE	1N4148 (TAPPING)
C610	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)	D801	DLT2A05G--	DIODE	LT2A05G (TP)
C619	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)	D802	DLT2A05G--	DIODE	LT2A05G (TP)
C620	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)	D803	DLT2A05G--	DIODE	LT2A05G (TP)

ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	DESCRIPTION	LOC	PART CODE	PART NAME	DESCRIPTION
D804	DLT2A05G--	DIODE	LT2A05G (TP)	J034	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D805	D1N4937G--	DIODE	1N4937G (TAPPING)	J035	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D806	D1N4937G--	DIODE	1N4937G (TAPPING)	J036	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D807	D1N4148---	DIODE	1N4148 (TAPPING)	J037	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D808	DUZ6R2BM--	DIODE ZENER	UZ-6.2BM	J038	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D811	D1N4937G--	DIODE	1N4937G (TAPPING)	J039	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D812	DUZ5R6BM--	DIODE ZENER	UZ-5.6BM	J040	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D818	DMTZJ5R1A-	DIODE ZENER	MTZJ 5.1A	J041	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D819	DRGP15JP--	DIODE	RGP-15JP	J042	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D901	D1N4148---	DIODE	1N4148 (TAPPING)	J044	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D902	D1N4148---	DIODE	1N4148 (TAPPING)	J045	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D903	D1N4148---	DIODE	1N4148 (TAPPING)	J046	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D904	D1N4148---	DIODE	1N4148 (TAPPING)	J047	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D905	D1N4148---	DIODE	1N4148 (TAPPING)	J048	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D906	D1N4148---	DIODE	1N4148 (TAPPING)	J049	85801050GY	WIRE COPPER	1/0.5 TIN COATING
DS01	DUZ5R6BM--	DIODE ZENER	UZ-5.6BM	J050	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J001	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J051	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J002	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J052	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J003	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J054	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J004	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J055	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J005	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J056	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J006	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J057	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J009	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J058	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J010	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J059	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J011	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J060	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J012	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J061	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J013	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J062	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J014	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J063	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J015	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J064	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J016	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J065	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J017	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J066	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J018	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J067	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J019	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J068	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J020	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J069	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J021	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J070	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J022	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J071	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J023	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J072	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J024	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J073	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J025	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J074	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J026	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J075	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J027	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J076	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J028	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J077	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J029	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J078	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J030	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J079	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J031	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J081	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J032	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J082	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J033	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J083	85801050GY	WIRE COPPER	1/0.5 TIN COATING

ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	DESCRIPTION	LOC	PART CODE	PART NAME	DESCRIPTION
J084	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J143	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J085	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J901	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J086	85801050GY	WIRE COPPER	1/0.5 TIN COATING	JP02	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J087	85801050GY	WIRE COPPER	1/0.5 TIN COATING	JP03	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J088	85801050GY	WIRE COPPER	1/0.5 TIN COATING	JP11	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J089	85801050GY	WIRE COPPER	1/0.5 TIN COATING	JP16	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J090	85801050GY	WIRE COPPER	1/0.5 TIN COATING	JP17	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J091	85801050GY	WIRE COPPER	1/0.5 TIN COATING	JP18	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J092	85801050GY	WIRE COPPER	1/0.5 TIN COATING	JP19	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J093	85801050GY	WIRE COPPER	1/0.5 TIN COATING	L101	5CPZ479K04	COIL PEAKING	4.7UH K (AXIAL 10.5MM)
J094	85801050GY	WIRE COPPER	1/0.5 TIN COATING	L104	5CPZ220K02	COIL PEAKING	22UH K (AXIAL 3.5MM)
J095	85801050GY	WIRE COPPER	1/0.5 TIN COATING	L105	5CPZ479K02	COIL PEAKING	4.7UH K (AXIAL 3.5MM)
J096	85801050GY	WIRE COPPER	1/0.5 TIN COATING	L301	5MC0000100	COIL BEAD	HC-3550
J097	85801050GY	WIRE COPPER	1/0.5 TIN COATING	L501	5CPZ220K02	COIL PEAKING	22UH K (AXIAL 3.5MM)
J098	85801050GY	WIRE COPPER	1/0.5 TIN COATING	L701	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)
J099	85801050GY	WIRE COPPER	1/0.5 TIN COATING	L801	5MC0000100	COIL BEAD	HC-3550
J100	85801050GY	WIRE COPPER	1/0.5 TIN COATING	L901	5CPZ101K04	COIL PEAKING	100UH K (AXIAL 10.5MM)
J101	85801050GY	WIRE COPPER	1/0.5 TIN COATING	LA01	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)
J102	85801050GY	WIRE COPPER	1/0.5 TIN COATING	LA02	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)
J103	85801050GY	WIRE COPPER	1/0.5 TIN COATING	LA03	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)
J106	85801050GY	WIRE COPPER	1/0.5 TIN COATING	LA04	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)
J107	85801050GY	WIRE COPPER	1/0.5 TIN COATING	LA07	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)
J111	85801050GY	WIRE COPPER	1/0.5 TIN COATING	LA08	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)
J112	85801050GY	WIRE COPPER	1/0.5 TIN COATING	LS01	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)
J113	85801050GY	WIRE COPPER	1/0.5 TIN COATING	LS02	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)
J114	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R101	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J
J115	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R102	RD-AZ563J-	R CARBON FILM	1/6 56K OHM J
J116	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R103	RD-AZ562J-	R CARBON FILM	1/6 5.6K OHM J
J117	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R104	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J
J118	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R105	RD-2Z151J-	R CARBON FILM	1/2 150 OHM J
J119	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R106	RD-4Z392J-	R CARBON FILM	1/4 3.9K OHM J
J122	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R107	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J
J123	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R108	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J
J124	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R109	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J
J125	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R110	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J
J127	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R111	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J
J128	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R114	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
J129	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R115	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
J130	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R116	RD-AZ133J-	R CARBON FILM	1/6 13K OHM J
J131	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R118	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
J132	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R119	RD-AZ302J-	R CARBON FILM	1/6 3K OHM J
J133	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R301	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J
J134	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R302	RN-4Z1603F	R METAL FILM	1/4 160K OHM F
J136	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R303	RD-4Z303J-	R CARBON FILM	1/4 30K OHM J
J137	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R304	RD-AZ113J-	R CARBON FILM	1/6 11K OHM J
J141	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R305	RD-4Z222J-	R CARBON FILM	1/4 2.2K OHM J
J142	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R306	RD-4Z273J-	R CARBON FILM	1/4 27K OHM J

ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	DESCRIPTION	LOC	PART CODE	PART NAME	DESCRIPTION
R316	RD-AZ562J-	R CARBON FILM	1/6 5.6K OHM J	R623	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R401	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	R624	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R402	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	R701	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R403	RD-2Z751J-	R CARBON FILM	1/2 750 OHM J	R702	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J
R409	RD-4Z223J-	R CARBON FILM	1/4 22K OHM J	R703	RD-AZ514J-	R CARBON FILM	1/6 510K OHM J
R410	RD-4Z103J-	R CARBON FILM	1/4 10K OHM J	R705	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J
R413	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	R708	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J
R501	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J	R709	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R502	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J	R710	RD-AZ105J-	R CARBON FILM	1/6 1M OHM J
R503	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	R711	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R505	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	R712	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J
R506	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	R713	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R507	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	R714	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J
R508	RD-AZ684J-	R CARBON FILM	1/6 680K OHM J	R715	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J
R509	RD-AZ243J-	R CARBON FILM	1/6 24K OHM J	R716	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J
R510	RD-AZ243J-	R CARBON FILM	1/6 24K OHM J	R718	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J
R511	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	R721	RD-AZ333J-	R CARBON FILM	1/6 33K OHM J
R513	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	R722	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J
R515	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R723	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J
R516	RD-AZ395J-	R CARBON FILM	1/6 3.9M OHM J	R724	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J
R517	RD-AZ334J-	R CARBON FILM	1/6 330K OHM J	R725	RD-AZ132J-	R CARBON FILM	1/6 1.3K OHM J
R518	RD-2Z111J-	R CARBON FILM	1/2 110 OHM J	R726	RD-AZ202J-	R CARBON FILM	1/6 2K OHM J
R519	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	R727	RD-AZ362J-	R CARBON FILM	1/6 3.6K OHM J
R520	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	R728	RD-AZ622J-	R CARBON FILM	1/6 6.2K OHM J
R521	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	R732	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J
R522	RN-AZ4701F	R METAL FILM	1/6 4.7K OHM F	R733	RD-AZ363J-	R CARBON FILM	1/6 36K OHM J
R524	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J	R806	RD-4Z100J-	R CARBON FILM	1/4 10 OHM J
R525	RD-4Z822J-	R CARBON FILM	1/4 8.2K OHM J	R807	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J
R528	RD-AZ514J-	R CARBON FILM	1/6 510K OHM J	R808	RD-4Z331J-	R CARBON FILM	1/4 330 OHM J
R529	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	R809	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J
R532	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	R810	RC-2Z565KP	R CARBON COMP	1/2 5.6M OHM K
R601	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	R811	RN-2Z1003F	R METAL FILM	1/2 100K OHM F
R602	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	R812	RN-4Z7501F	R METAL FILM	1/4 7.5K OHM F
R604	RD-AZ362J-	R CARBON FILM	1/6 3.6K OHM J	R813	RN-4Z2201F	R METAL FILM	1/4 2.20K OHM F
R605	RD-AZ362J-	R CARBON FILM	1/6 3.6K OHM J	R814	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J
R606	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J	R815	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J
R607	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J	R816	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J
R608	RD-AZ132J-	R CARBON FILM	1/6 1.3K OHM J	R817	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J
R609	RD-AZ132J-	R CARBON FILM	1/6 1.3K OHM J	R818	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J
R610	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	R819	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J
R613	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	R820	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J
R615	RD-AZ202J-	R CARBON FILM	1/6 2K OHM J	R821	RD-4Z100J-	R CARBON FILM	1/4 10 OHM J
R616	RD-AZ229J-	R CARBON FILM	1/6 2.2 OHM J	R823	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J
R617	RD-AZ229J-	R CARBON FILM	1/6 2.2 OHM J	R825	RC-2Z225KP	R CARBON COMP	1/2 2.2M OHM K
R618	RD-AZ229J-	R CARBON FILM	1/6 2.2 OHM J	R826	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J
R619	RD-AZ229J-	R CARBON FILM	1/6 2.2 OHM J	R828	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J
R622	RD-2Z330J-	R CARBON FILM	1/2 33 OHM J	R901	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J

ELECTRICAL PARTS LIST

[illegible]

ELECTRICAL PARTS LIST

2. DTA-21S7MTF(CM-801S)

LOC	PART CODE	PART NAME	DESCRIPTION	LOC	PART CODE	PART NAME	DESCRIPTION
ZZ100	48B5655C03	TRANSMITTER REM	R-55C03 (AAA)	200	2193110024	SOLDER WIRE	SAC3005Φ1.6MM(LFA3-107-W)
ZZ110	PTACPWE469	ACCESSORY AS	DTA-21S7MTF	300	2291050623	FLUX SOLDER LF	SV-PBF-304P(0.823)
00030	4850Q00910	BATTERY	R03/NN	400	2291050312	FLUX SOLVENT	S-3000
10000	48586801E2	MANUAL INSTRUCT	CM-801S,DTA-21S7MZF,DAEV	C403	CMYH3C562J	C MYLAR	1.6KV BUP 5600PF J
AD001	4859000240	ADAPTER	2P15A 300V(D=4.0)	C404	CMYH3C752J	C MYLAR	1.6KV BUP 7500PF J
M821	4858213803	BAG INSTRUCTION	L.D.P.E TO.05X250X400(+20)	C407	CMYF2G224J	C MYLAR	400V MPP 0.22MF J
ZZ120	PTBCSHE469	COVER BACK AS	DTA-21S7MTF	C412	CMYE2G104J	C MYLAR	400V PU 0.1MF J
M211	4852179501	COVER BACK	HIPS BK	C414	CEYD1H689W	C ELECTRO	50V RHD 6.8MF (16X35.5)
M781	4857817630	CLOTH BLACK	FELT 400X20X0.7	C416	CMXE2G333J	C MYLAR	400V PU 0.033MF J (TP)
M782	4857817611	CLOTH BLACK	FELT 200X20X0.7	C801	CL1UC3474M	C LINE ACROSS	0.47MF 1J(UCVSNDF/SV)+Q/O
M783	4857817610	CLOTH BLACK	FELT 300X20X0.7	C804	CEYD2W151D	C ELECTRO	450V FHS 150MF (25X40)
ZZ130	PTPKCPE469	PACKING AS	DTA-21S7MTF	C811	CH1BFE332M	C CERA AC	4.0KV 3300PF M SD AC250V
10	6520000365	STAPLE PIN	AUTO W65 ROHS(E ZN)	C816	CEXE1C332D	C ELECTRO	16V RMU 3300MF(12.5X25)
M801	4858072900	BOX CARTON	DW-3 21S7	D410	DDGP30L---	DIODE	DGP30L
M811	485819DG00	PAD	EPS	D411	DRGP30JP--	DIODE	RGP-30JP
M821	4858215001	BAG P.E	PE FOAM t0.5x1200x1150	D809	DRGP30JP--	DIODE	RGP-30JP
ZZ131	48519A8610	CRT GROUND NET	2104S-1015-1P	D817	DRGP30JP--	DIODE	RGP-30JP
ZZ132	58G0000177	COIL DEGAUSSING	DC-21SF AL	DE01	DLH2PR04--	LED BLOCK	LH-2P-R-04
ZZ140	PTCACAE469	CABINET AS	DTA-21S7MTF	I301	PTA3SW3302	HEAT SINK ASS'Y	1LA7848--- + 7174301051
40	2TF01612CL	TAPE FILAMENT	T0.15XW12MMXL50M CLEAR	00001	1LA7848---	IC VERTICAL	LA7848
M201A	4856017703	SCREW CRT FIX	5X30 L80 BK 3CR	0000A	4857033302	HEAT SINK	AL EX ANODIZING
M201B	4856017710	SCREW CRT FIX	5X30 L190 BK 3CR	0000B	7174301051	SCREW TAPPTITE	TT2 RND 3X10 MFZN 3CR
M201C	4856219502	WASHER RUBBER	CR T2.0 BLACK	I401	PTZ2SW6900	HEAT SINK ASS'Y	1K1A7805P1 + 7174300851
M211A	7172401452	SCREW TAPPTITE	TT2 TRS 4X14 MFZN BK 3CR	00001	1K1A7805P1	IC REGULATOR	KIA7805API
M211B	7178301252	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK 3CR	0000A	4857026900	HEAT SINK	AL EX
M541	4855419800	SPEC PLATE	ART 150	0000B	7174300851	SCREW TAPPTITE	TT2 RND 3X8 MFZN 3CR
M686	4856812001	TIE CABLE	NYLON66 DA100	I501	1LA76968FE	IC MICOM FLASH	LA76968F-E
M831	7178301051	SCREW TAPPTITE	TT2 WAS 3X10 MFZN 3CR	I601	1LV1116NE-	IC TONE CONTROL	LV1116N-E
M902	4856814600	CLAMP WIRE	NYLON 66	I602	PTR2SW8200	HEAT SINK ASS'Y	1LA42102E- + 7174300851
SP01A	7178301051	SCREW TAPPTITE	TT2 WAS 3X10 MFZN 3CR	00001	1LA42102E-	IC AUDIO AMP	LA42102-E
SP02A	7178301051	SCREW TAPPTITE	TT2 WAS 3X10 MFZN 3CR	0000A	4857028200	HEAT SINK	AL EX BK
V901	4859654963	CRT	A51QGT420X11 M20	0000B	7174300851	SCREW TAPPTITE	TT2 RND 3X8 MFZN 3CR
ZZ200	PTFMSJE469	MASK FRONT AS	DTA-21S7MTF	I702	1CAT24C32P	IC MEMORY	CAT24WC32P
M191	4851957900	DECO SENSOR AS	3569111+5557500	I801	PTA2SW4428	HEAT SINK ASS'Y	1STRW6754- + 7174300851
M191A	7178301252	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK 3CR	00001	1STRW6754-	IC POWER	STR-W6754
M201	4852095611	MASK FRONT	HIPS GY	0000A	4857024428	HEAT SINK	AL EX NON-ANODIZING
M481	4854872511	BUTTON POWER	ABS GY	0000B	7174300851	SCREW TAPPTITE	TT2 RND 3X8 MFZN 3CR
M481A	4856716000	SPRING	SWPA PIE0.5	I802	1LTV817C--	IC PHOTO COUPLE	LTV-817C
M561	48556152SD	MARK BRAND	SILVER DIA-CUTTING	IF02	1346VF6---	IC PREAMP	346VF6
ZZ210	PTSPPW469	SPEAKER AS	DTA-21S7MTF	JPA01	4859110950	JACK PIN	YS01-0001(3P SCART TYPE)
P601A	4850704S31	CONNECTOR	YH025-04+YRT205+ULW80040	JPA02	4859112850	JACK PIN	DPSS-0173(3P ST)
SP01A	4858320110	SPEAKER	SP-50110F06C 10W 8 OHM	JPA03	4859111750	JACK PIN	PH-JB-9515
SP02A	4858320110	SPEAKER	SP-50110F06C 10W 8 OHM	L401	58H0000108	COIL H-LINEARITY	TRL-440D
ZZ290	PTMPMSE469	PCB MAIN MANUAL	DTA-21S7MTF	L402	58C0000172	COIL CHOKE	CH-232B
100	2193110012	SOLDER WIRE	SAC3000 Φ3.0MM (LFA3C0-W)	L403	58C7070085	COIL CHOKE	TLN-3062A

ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	DESCRIPTION	LOC	PART CODE	PART NAME	DESCRIPTION
L404	58C0000173	COIL CHOKE	CH-481GA	C904	CEXF2E100V	C ELECTRO	250V RSS 10MF (10X20) TP
LF801	5PDLF3055L	FILTER LINE	DLF-3055L	C906	CBXB3D102K	C CERA SEMI	2KV BL(N) 1000PF K (T)
M231	4852332511	PANEL CTRL	ABS GY	ZZ200	PTMPJBE469	PCB MAIN M-10 AS	DTA-21S7MTF
M231A	7178301051	SCREW TAPPTITE	TT2 WAS 3X10 MFZN 3CR	E001	4856310600	EYE LET	BSR T0.2 (R2.3)
M491	4854963311	BUTTON CH	ABS GY + AL COATING	E002	4856310600	EYE LET	BSR T0.2 (R2.3)
P501	4850707S02	CONNECTOR	YH025-07+YST025+ULW=400	E003	4856310300	EYE LET	BSR T0.2 (R1.6)
P701B	4850703S08	CONNECTOR	YH025-03+YBH250-03+ULW=3	E004	4856310300	EYE LET	BSR T0.2 (R1.6)
P901A	4850704S04	CONNECTOR	YH025-04+YST025+ULW=400	E005	4856310300	EYE LET	BSR T0.2 (R1.6)
P902A	4850705S04	CONNECTOR	YH025-05+YBNH250+ULW=400	E006	4856310300	EYE LET	BSR T0.2 (R1.6)
PW801	4859903110	CORD POWER AS	KKP-419J-H03VVH2+H0U=220	E007	4856310300	EYE LET	BSR T0.2 (R1.6)
A000	4859903511	CORD POWER	CW4232 H03VVH2-F=2250	E008	4856310600	EYE LET	BSR T0.2 (R2.3)
Q402	PTK2SW7201	HEAT SINK ASS'Y	TTT2190YB + 7174300851	E009	4856310600	EYE LET	BSR T0.2 (R2.3)
00001	TTT2190YB-	TR HORI	TT2190LS-YB11	E010	4856310300	EYE LET	BSR T0.2 (R1.6)
0000A	4857027201	HEAT SINK	AL T1.0	E011	4856310300	EYE LET	BSR T0.2 (R1.6)
0000B	7174300851	SCREW TAPPTITE	TT2 RND 3X8 MFZN 3CR	E012	4856310300	EYE LET	BSR T0.2 (R1.6)
Q805	TKTC2026Y-	TR	KTC2026Y	E013	4856310300	EYE LET	BSR T0.2 (R1.6)
Q902	TKTC3229--	TR	KTC3229	E014	4856310300	EYE LET	BSR T0.2 (R1.6)
Q903	TKTC3229--	TR	KTC3229	E015	4856310300	EYE LET	BSR T0.2 (R1.6)
Q904	TKTC3229--	TR	KTC3229	E016	4856310300	EYE LET	BSR T0.2 (R1.6)
R800	RX07B109JP	R CEMENT	7W 1 OHM J BEN 15MM4P	E017	4856310300	EYE LET	BSR T0.2 (R1.6)
R801	DTC7R0M270	POSISTOR	PDC7R0MP6B7Z81C	E018	4856310300	EYE LET	BSR T0.2 (R1.6)
SCT01	4859304130	SOCKET CRT	ISHG93S	E019	4856310300	EYE LET	BSR T0.2 (R1.6)
SF101	5PSF5407F3	FILTER SAW	TSF5407F3	E020	4856310300	EYE LET	BSR T0.2 (R1.6)
SW801	5S40101143	SW POWER PUSH	PS3-22SP (P.C.B)	E021	4856310300	EYE LET	BSR T0.2 (R1.6)
T401	5TD0000018	TRANS DRIVE	THD-120	E022	4856310300	EYE LET	BSR T0.2 (R1.6)
T402	50H0000324	FBT	LTC-539	E023	4856310300	EYE LET	BSR T0.2 (R1.6)
T801	50M4042B7-	TRANS SMPS	TSM-4042B7	E025	4856310300	EYE LET	BSR T0.2 (R1.6)
U101	4859730130	TUNER VARACTOR	115-B-8A86EU	E026	4856310300	EYE LET	BSR T0.2 (R1.6)
X701	5XYR03276C	CRYSTAL QUARTZ	C-001R 32.768000KHZ 20PPM	E027	4856310300	EYE LET	BSR T0.2 (R1.6)
Z801	DSVC471D14	VARISTOR	SVC471D14A (BULK)	E028	4856310600	EYE LET	BSR T0.2 (R2.3)
ZZ200	PTMPJ0E469	PCB MAIN (RHU) A	DTA-21S7MTF	E029	4856310600	EYE LET	BSR T0.2 (R2.3)
C120	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP	E030	4856310600	EYE LET	BSR T0.2 (R2.3)
C305	CEXF1E102V	C ELECTRO	25V RSS 1000MF (13X20) TP	E031	4856310600	EYE LET	BSR T0.2 (R2.3)
C307	CEXE1E222D	C ELECTRO	25V RMU 2200MF	E032	4856310600	EYE LET	BSR T0.2 (R2.3)
C309	CEXF1H471V	C ELECTRO	50V RSS 470MF (13X20) TP	E033	4856310600	EYE LET	BSR T0.2 (R2.3)
C408	CEXF2E330V	C ELECTRO	250V RSS 33MF (13X25) TP	E034	4856310300	EYE LET	BSR T0.2 (R1.6)
C409	CMXE2G273J	C MYLAR	400V PU 0.027MF J (TP)	E035	4856310300	EYE LET	BSR T0.2 (R1.6)
C614	CEXF1C222V	C ELECTRO	16V RSS 2200MF (13X25) TP	E036	4856310600	EYE LET	BSR T0.2 (R2.3)
C705	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	E037	4856310600	EYE LET	BSR T0.2 (R2.3)
C802	CH1BEE222M	C CERA AC	U/C/V 2.5KV 2200PF TP	E038	4856310600	EYE LET	BSR T0.2 (R2.3)
C803	CH1BEE222M	C CERA AC	U/C/V 2.5KV 2200PF TP	E040	4856310300	EYE LET	BSR T0.2 (R1.6)
C805	CBXB3D102K	C CERA SEMI	2KV BL(N) 1000PF K (T)	E041	4856310600	EYE LET	BSR T0.2 (R2.3)
C812	CCXR3D681K	C CERA	2KV R 680PF K 125C	E042	4856310600	EYE LET	BSR T0.2 (R2.3)
C813	CEXF2C101V	C ELECTRO	160V RSS 100MF (16X25) TP	E043	4856310600	EYE LET	BSR T0.2 (R2.3)
C814	CEXF2C101V	C ELECTRO	160V RSS 100MF (16X25) TP	E044	4856310600	EYE LET	BSR T0.2 (R2.3)
C818	CEXF1E102V	C ELECTRO	25V RSS 1000MF (13X20) TP	E045	4856310300	EYE LET	BSR T0.2 (R1.6)
C834	CEXF1E102V	C ELECTRO	25V RSS 1000MF (13X20) TP	E046	4856310300	EYE LET	BSR T0.2 (R1.6)

ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	DESCRIPTION	LOC	PART CODE	PART NAME	DESCRIPTION
E049	4856310300	EYE LET	BSR T0.2 (R1.6)	C320	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP
E050	4856310300	EYE LET	BSR T0.2 (R1.6)	C401	CMXL1J104J	C MYLAR	63V MEU 0.1MF J
E051	4856310300	EYE LET	BSR T0.2 (R1.6)	C402	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)
E052	4856310300	EYE LET	BSR T0.2 (R1.6)	C405	CCXB2H561K	C CERA	500V B 560PF K (TAPPING)
E053	4856310300	EYE LET	BSR T0.2 (R1.6)	C406	CEXF2E229C	C ELECTRO	250V RUS 2.2MF(8X11.5)TP
E054	4856310300	EYE LET	BSR T0.2 (R1.6)	C410	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)
E055	4856310600	EYE LET	BSR T0.2 (R2.3)	C501	CMXL1J334J	C MYLAR	63V MEU 0.33MF J (TP)
E056	4856310600	EYE LET	BSR T0.2 (R2.3)	C503	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP
E057	4856310300	EYE LET	BSR T0.2 (R1.6)	C506	CMXL1J474J	C MYLAR	63V MEU 0.47MF J
L901	RS02Z681JS	R M-OXIDE FILM	2W 680 OHM J SMALL	C508	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP
N001	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	C509	CMXM2A153J	C MYLAR	100V 0.015MF J (TP)
N002	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	C510	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
N003	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	C511	CMXM2A153J	C MYLAR	100V 0.015MF J (TP)
N004	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	C514	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP
N007	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	C515	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP
N008	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	C517	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP
N009	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	C523	CMXL1J104J	C MYLAR	63V MEU 0.1MF J
N010	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	C526	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP
P601	485923172S	CONN WAFER	YW025-04 (STICK)	C527	CMXL1J473J	C MYLAR	63V MEU 0.047MF J
P701	485923162S	CONN WAFER	YW025-03 (STICK)	C528	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP
P901	485923172S	CONN WAFER	YW025-04 (STICK)	C529	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP
P902	485923182S	CONN WAFER	YW025-05 (STICK)	C530	CCXB1H103K	C CERA	50V B 0.01MF K
PS01A	485923202S	CONN WAFER	YW025-07 (STICK)	C531	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP
R308	RS02Z828JS	R M-OXIDE FILM	2W 0.82 OHM J SMALL	C532	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP
R322	RS02Z271JS	R M-OXIDE FILM	2W 270 OHM J SMALL	C533	CMXL1J473J	C MYLAR	63V MEU 0.047MF J
R403	RS02Z102JS	R M-OXIDE FILM	2W 1K OHM J SMALL	C534	CMXL1J104J	C MYLAR	63V MEU 0.1MF J
R405	RS02Z393JS	R M-OXIDE FILM	2W 39K OHM J SMALL	C601	CMXL1J104J	C MYLAR	63V MEU 0.1MF J
R406	RS02Z393JS	R M-OXIDE FILM	2W 39K OHM J SMALL	C602	CMXL1J104J	C MYLAR	63V MEU 0.1MF J
R407	RS02Z102JS	R M-OXIDE FILM	2W 1K OHM J SMALL	C603	CMXL1J104J	C MYLAR	63V MEU 0.1MF J
R805	RS02Z188JS	R M-OXIDE FILM	2W 0.18 OHM J SMALL	C604	CMXL1J104J	C MYLAR	63V MEU 0.1MF J
R932	RS02Z339JS	R M-OXIDE FILM	2W 3.3 OHM J SMALL	C605	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP
ZZ200	PTMPJRE469	PCB MAIN RADIAL	DTA-21S7MTF	C606	CMXM2A562J	C MYLAR	100V 5600PF J (TP)
C102	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	C607	CMXL1J104J	C MYLAR	63V MEU 0.1MF J
C106	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	C611	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
C112	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	C613	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP
C114	CMXM2A223J	C MYLAR	100V 0.022MF J TP	C615	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP
C116	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	C618	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
C117	CMXM2A223J	C MYLAR	100V 0.022MF J TP	C622	CMXL1J104J	C MYLAR	63V MEU 0.1MF J
C122	CCXB1H103K	C CERA	50V B 0.01MF K	C623	CMXL1J683J	C MYLAR	63V MEU 0.068MF J
C132	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	C624	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP
C213	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	C625	CMXL1J104J	C MYLAR	63V MEU 0.1MF J
C302	CXSL2H100D	C CERA	500V SL 10PF D (TAPPING)	C626	CMXL1J104J	C MYLAR	63V MEU 0.1MF J
C303	CEXF1H101V	C ELECTRO	50V RSS 100MF (8X11.5) TP	C627	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP
C304	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	C628	CEXF1E470C	C ELECTRO	25V RUS 47MF (5X11) TP
C306	CEXD1H229Q	C ELECTRO	50V RT 2.2MF (6.3X11) TP	C629	CMXL1J224J	C MYLAR	63V MEU 0.22MF J (TP)
C310	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	C630	CMXL1J224J	C MYLAR	63V MEU 0.22MF J (TP)
C316	CMXL1J224J	C MYLAR	63V MEU 0.22MF J (TP)	C633	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP

ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	DESCRIPTION	LOC	PART CODE	PART NAME	DESCRIPTION
C636	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	R913	RN02B123JS	R METAL FILM	2W 12K OHM J SMALL
C701	CEXF1C220V	C ELECTRO	RSS 16V 22MF 5*11	R914	RN02B123JS	R METAL FILM	2W 12K OHM J SMALL
C706	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	R915	RN02B123JS	R METAL FILM	2W 12K OHM J SMALL
C708	CEXF1H338V	C ELECTRO	50V RSS 0.33MF (5X11) TP	SW01	5S50101Z90	SW TACT	THVV502GDA
C709	CMXM2A333J	C MYLAR	100V 0.033MF J (TP)	SW02	5S50101Z90	SW TACT	THVV502GDA
C710	CEXF1H229V	C ELECTRO	50V RSS 2.2MF (5X11) TP	SW03	5S50101Z90	SW TACT	THVV502GDA
C806	CEXF1H330V	C ELECTRO	50V RSS 33MF (6.3X11) TP	SW04	5S50101Z90	SW TACT	THVV502GDA
C807	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	SW05	5S50101Z90	SW TACT	THVV502GDA
C815	CEXF2A100V	C ELECTRO	100V RSS 10MF (6.3X11) TP	SW06	5S50101Z90	SW TACT	THVV502GDA
C820	CMXL1J154J	C MYLAR	63V MEU 0.15MF J	X501	5XEX4R436C	CRYSTAL QUARTZ	HC-49/U 4.433619MHZ 20PP
C821	CEXE1A471E	C ELECTRO	10V RM 470MF (6.3X11)	ZA01	5PXF1B471M	FILTER EMI	CFI 06 B 1H 470PF
C905	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	ZA02	5PXF1B471M	FILTER EMI	CFI 06 B 1H 470PF
CA05	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	ZZ200	PTMPJAE469	PCB MAIN AXIAL A	DTA-21S7MTF
CA06	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	510	2TM14006LB	TAPE MASKING	3M #232 6.0X2000M
CA07	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	520	2TM10006LB	TAPE MASKING	3M #232-MAP-C 6.2X2000M
CA08	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	A001	4859818592	PCB MAIN	330X246 DIB
CV02	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP	C115	CZCH1H100J	C CERA	50V CH 10PF J
CV03	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	C118	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)
CV04	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP	C119	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)
CV05	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	C121	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)
F801	5FWPS4022L	FUSE	WIDE TL 250V 4A CASE	C123	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
I803	1K1A431B--	IC REGULATOR(SH	KIA431B 2.495V 0.5% TO-92	C301	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)
L301	58C0000116	COIL BEAD	HC-3550R	C313	CCZL1H182K	C CERA	50V B 1800PF K AXL(1608)
L802	58CX430599	COIL CHOKE	AZ-9004Y 940K TP	C315	CCZL1H472K	C CERA	50V B 4700PF K AXL(1608)
Q101	TKTC3198Y-	TR	KTC3198Y	C323	CZCH1H200J	C CERA	50V CH 20PF J (AXIAL)
Q103	TKTC3198Y-	TR	KTC3198Y	C504	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
Q104	TKSA1013Y-	TR	KSA1013Y (TP)	C507	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)
Q401	TKTC3207--	TR	KTC3207 (TP)	C513	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)
Q501	TKTA1266Y-	TR	KTA1266Y (TP)	C516	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)
Q502	TKTA1266Y-	TR	KTA1266Y (TP)	C519	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
Q601	TKTA1266Y-	TR	KTA1266Y (TP)	C520	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
Q801	TKTC3198Y-	TR	KTC3198Y	C521	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
Q802	TKTC3198Y-	TR	KTC3198Y	C522	CCZB1H181K	C CERA	50V B 180PF K (AXIAL)
Q803	TKTC3198Y-	TR	KTC3198Y	C524	CZCH1H180J	C CERA	50V CH 18PF J (AXIAL)
Q901	TKTA1266Y-	TR	KTA1266Y (TP)	C525	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
Q905	TKTA1266Y-	TR	KTA1266Y (TP)	C608	CBZR1C272M	C CERA SEMI	16V Y5R 2700PF M AXIAL
QV01	TKTA1266Y-	TR	KTA1266Y (TP)	C609	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
R100	RN02B560JS	R METAL FILM	2W 56 OHM J SMALL	C610	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
R106	RN01B332JS	R METAL FILM	1W 3.3K OHM J SMALL	C619	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
R18	RN02B829JS	R METAL FILM	2W 8.2 OHM J SMALL	C620	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
R19	RN02B829JS	R METAL FILM	2W 8.2 OHM J SMALL	C621	CBZR1C272M	C CERA SEMI	16V Y5R 2700PF M AXIAL
R321	RN02B109JS	R METAL FILM	2W 1 OHM J SMALL	C631	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)
R352	RN02B391JS	R METAL FILM	2W 390 OHM J SMALL	C632	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)
R353	RN02B391JS	R METAL FILM	2W 390 OHM J SMALL	C637	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
R526	RN02B829JS	R METAL FILM	2W 8.2 OHM J SMALL	C638	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
R527	RN02B470JS	R METAL FILM	2W 47 OHM J SMALL	C639	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)
R827	RN02B331JS	R METAL FILM	2W 330 OHM J SMALL	C640	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)

ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	DESCRIPTION	LOC	PART CODE	PART NAME	DESCRIPTION
C702	CZCH1H180J	C CERA	50V CH 18PF J (AXIAL)	D811	D1N4937G--	DIODE	1N4937G (TAPPING)
C703	CZCH1H180J	C CERA	50V CH 18PF J (AXIAL)	D812	DUZ5R6BM--	DIODE ZENER	UZ-5.6BM
C704	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)	D818	DUZ5R1B---	DIODE ZENER	UZ-5.1B
C707	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)	D819	DRGP15JP--	DIODE	RGP-15JP
C711	CCZJ1H104Z	C CERA	50V F 0.1MF Z AXL(1608)	D901	D1N4148---	DIODE	1N4148 (TAPPING)
C808	CCZB1H471K	C CERA	50V B 470PF K (AXIAL)	D902	D1N4148---	DIODE	1N4148 (TAPPING)
C809	CCZJ1H473Z	C CERA	50V F 0.047MF Z AXL(1608)	D903	D1N4148---	DIODE	1N4148 (TAPPING)
C810	CCZB1H821K	C CERA	50V B 820PF K AXIAL	D904	D1N4148---	DIODE	1N4148 (TAPPING)
C901	CCZB1H471K	C CERA	50V B 470PF K (AXIAL)	D905	D1N4148---	DIODE	1N4148 (TAPPING)
C902	CCZB1H471K	C CERA	50V B 470PF K (AXIAL)	D906	D1N4148---	DIODE	1N4148 (TAPPING)
C903	CCZB1H471K	C CERA	50V B 470PF K (AXIAL)	J001	85801050GY	WIRE COPPER	1/0.5 TIN COATING
CA01	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	J003	85801050GY	WIRE COPPER	1/0.5 TIN COATING
CA02	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	J004	85801050GY	WIRE COPPER	1/0.5 TIN COATING
CA03	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	J005	85801050GY	WIRE COPPER	1/0.5 TIN COATING
CA04	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	J007	85801050GY	WIRE COPPER	1/0.5 TIN COATING
CA09	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	J008	85801050GY	WIRE COPPER	1/0.5 TIN COATING
CA10	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	J009	85801050GY	WIRE COPPER	1/0.5 TIN COATING
CA11	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	J010	85801050GY	WIRE COPPER	1/0.5 TIN COATING
CA12	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	J011	85801050GY	WIRE COPPER	1/0.5 TIN COATING
CA14	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	J012	85801050GY	WIRE COPPER	1/0.5 TIN COATING
CA15	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	J013	85801050GY	WIRE COPPER	1/0.5 TIN COATING
CA20	CZCH1H220J	C CERA	50V CH 22PF J (AXIAL)	J014	85801050GY	WIRE COPPER	1/0.5 TIN COATING
CA21	CZCH1H220J	C CERA	50V CH 22PF J (AXIAL)	J015	85801050GY	WIRE COPPER	1/0.5 TIN COATING
CV01	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	J016	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D101	DUZ33B----	DIODE ZENER	UZ-33B	J018	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D104	DUZ5R1B----	DIODE ZENER	UZ-5.1B	J019	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D105	D1N4148---	DIODE	1N4148 (TAPPING)	J020	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D106	D1N4148---	DIODE	1N4148 (TAPPING)	J023	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D301	D1N4004S--	DIODE	1N4004S	J024	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D302	DRGP15JP--	DIODE	RGP-15JP	J025	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D303	DRGP15JP--	DIODE	RGP-15JP	J026	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D304	D1N4148---	DIODE	1N4148 (TAPPING)	J027	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D305	D1N4148---	DIODE	1N4148 (TAPPING)	J028	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D306	DUZ33B----	DIODE ZENER	UZ-33B	J029	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D401	DRGP15JP--	DIODE	RGP-15JP	J030	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D402	D1N4148---	DIODE	1N4148 (TAPPING)	J032	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D403	D1N4148---	DIODE	1N4148 (TAPPING)	J033	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D404	D1N4937G--	DIODE	1N4937G (TAPPING)	J034	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D601	D1N4148---	DIODE	1N4148 (TAPPING)	J035	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D801	DLT2A05G--	DIODE	LT2A05G (TP)	J036	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D802	DLT2A05G--	DIODE	LT2A05G (TP)	J038	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D803	DLT2A05G--	DIODE	LT2A05G (TP)	J039	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D804	DLT2A05G--	DIODE	LT2A05G (TP)	J040	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D805	D1N4937G--	DIODE	1N4937G (TAPPING)	J042	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D806	D1N4937G--	DIODE	1N4937G (TAPPING)	J043	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D807	D1N4148---	DIODE	1N4148 (TAPPING)	J044	85801050GY	WIRE COPPER	1/0.5 TIN COATING
D808	DUZ6R2BM--	DIODE ZENER	UZ-6.2BM	J045	85801050GY	WIRE COPPER	1/0.5 TIN COATING

ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	DESCRIPTION	LOC	PART CODE	PART NAME	DESCRIPTION
J048	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J111	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J049	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J112	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J052	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J113	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J055	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J114	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J057	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J115	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J058	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J116	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J060	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J117	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J061	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J118	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J062	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J119	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J063	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J122	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J065	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J2	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J066	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J3	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J067	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J312	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J068	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J314	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J070	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J315	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J071	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J317	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J073	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J526	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J074	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J601	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J075	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J602	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J076	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J607	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J077	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J608	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J078	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J901	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J079	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J902	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J080	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J903	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J081	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J905	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J082	85801050GY	WIRE COPPER	1/0.5 TIN COATING	J909	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J083	85801050GY	WIRE COPPER	1/0.5 TIN COATING	JP01	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J084	85801050GY	WIRE COPPER	1/0.5 TIN COATING	JP02	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J085	85801050GY	WIRE COPPER	1/0.5 TIN COATING	JP05	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J086	85801050GY	WIRE COPPER	1/0.5 TIN COATING	JX091	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J087	85801050GY	WIRE COPPER	1/0.5 TIN COATING	L104	5CPZ220K02	COIL PEAKING	22UH K (AXIAL 3.5MM)
J088	85801050GY	WIRE COPPER	1/0.5 TIN COATING	L105	5CPZ479K02	COIL PEAKING	4.7UH K (AXIAL 3.5MM)
J089	85801050GY	WIRE COPPER	1/0.5 TIN COATING	L501	5CPZ220K02	COIL PEAKING	22UH K (AXIAL 3.5MM)
J090	85801050GY	WIRE COPPER	1/0.5 TIN COATING	L502	85801050GY	WIRE COPPER	1/0.5 TIN COATING
J091	85801050GY	WIRE COPPER	1/0.5 TIN COATING	L701	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)
J093	85801050GY	WIRE COPPER	1/0.5 TIN COATING	L801	5MC0000100	COIL BEAD	HC-3550
J094	85801050GY	WIRE COPPER	1/0.5 TIN COATING	LA01	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)
J095	85801050GY	WIRE COPPER	1/0.5 TIN COATING	LA02	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)
J096	85801050GY	WIRE COPPER	1/0.5 TIN COATING	LA03	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)
J097	85801050GY	WIRE COPPER	1/0.5 TIN COATING	LA04	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)
J098	85801050GY	WIRE COPPER	1/0.5 TIN COATING	LA10	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)
J099	85801050GY	WIRE COPPER	1/0.5 TIN COATING	LA11	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)
J1	85801050GY	WIRE COPPER	1/0.5 TIN COATING	LP01	5CPZ569K02	COIL PEAKING	5.6UH K (AXIAL 3.5MM)
J101	85801050GY	WIRE COPPER	1/0.5 TIN COATING	LP02	5MC0000100	COIL BEAD	HC-3550
J102	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R101	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J
J103	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R102	RD-AZ563J-	R CARBON FILM	1/6 56K OHM J
J108	85801050GY	WIRE COPPER	1/0.5 TIN COATING	R103	RD-AZ562J-	R CARBON FILM	1/6 5.6K OHM J

ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	DESCRIPTION	LOC	PART CODE	PART NAME	DESCRIPTION
R104	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	R520	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R105	RD-2Z151J-	R CARBON FILM	1/2 150 OHM J	R521	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R107	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	R522	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J
R108	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	R524	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J
R109	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	R525	RD-4Z682J-	R CARBON FILM	1/4 6.8K OHM J
R110	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	R528	RD-AZ514J-	R CARBON FILM	1/6 510K OHM J
R111	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	R529	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J
R114	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	R549	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R115	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	R550	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J
R116	RD-AZ183J-	R CARBON FILM	1/6 18K OHM J	R601	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R119	RD-AZ302J-	R CARBON FILM	1/6 3K OHM J	R602	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R301	RN-AZ8201F	R METAL FILM	1/6 8.2K OHM F	R604	RD-AZ362J-	R CARBON FILM	1/6 3.6K OHM J
R302	RN-4Z1003F	R METAL FILM	1/4 100K OHM F	R605	RD-AZ362J-	R CARBON FILM	1/6 3.6K OHM J
R303	RD-AZ303J-	R CARBON FILM	1/6 30K OHM J	R606	RD-AZ432J-	R CARBON FILM	1/6 4.3K OHM J
R304	RD-AZ113J-	R CARBON FILM	1/6 11K OHM J	R607	RD-AZ432J-	R CARBON FILM	1/6 4.3K OHM J
R305	RD-4Z222J-	R CARBON FILM	1/4 2.2K OHM J	R608	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J
R306	RD-4Z273J-	R CARBON FILM	1/4 27K OHM J	R609	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J
R310	RN-4Z4301F	R METAL FILM	1/4 4.30K OHM F	R610	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J
R311	RD-AZ274J-	R CARBON FILM	1/6 270K OHM J	R613	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J
R312	RD-AZ243J-	R CARBON FILM	1/6 24K OHM J	R614	85801050GY	WIRE COPPER	1/0.5 TIN COATING
R313	RD-AZ562J-	R CARBON FILM	1/6 5.6K OHM J	R615	RD-AZ202J-	R CARBON FILM	1/6 2K OHM J
R316	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	R616	RD-AZ229J-	R CARBON FILM	1/6 2.2 OHM J
R317	RT-4Z122J-	R LINEAR TEMPERA	1/4 1.2K OHM J (LT) 800PPM	R617	RD-AZ229J-	R CARBON FILM	1/6 2.2 OHM J
R318	RD-AZ913J-	R CARBON FILM	1/6 91K OHM J	R618	RD-AZ229J-	R CARBON FILM	1/6 2.2 OHM J
R319	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J	R619	RD-AZ229J-	R CARBON FILM	1/6 2.2 OHM J
R401	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	R622	RD-2Z330J-	R CARBON FILM	1/2 33 OHM J
R402	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	R701	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R404	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	R703	RD-AZ514J-	R CARBON FILM	1/6 510K OHM J
R409	RD-4Z103J-	R CARBON FILM	1/4 10K OHM J	R704	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J
R410	RD-4Z302J-	R CARBON FILM	1/4 3K OHM J	R705	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J
R413	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	R706	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R501	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J	R708	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J
R502	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J	R709	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R503	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	R710	RD-AZ105J-	R CARBON FILM	1/6 1M OHM J
R505	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	R711	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R506	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	R712	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J
R507	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	R713	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R508	RD-AZ684J-	R CARBON FILM	1/6 680K OHM J	R714	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J
R509	RD-AZ243J-	R CARBON FILM	1/6 24K OHM J	R715	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J
R510	RD-AZ243J-	R CARBON FILM	1/6 24K OHM J	R716	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J
R511	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	R718	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J
R512	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	R719	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J
R513	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	R721	RD-AZ333J-	R CARBON FILM	1/6 33K OHM J
R516	RD-AZ475J-	R CARBON FILM	1/6 4.7M OHM J	R722	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J
R517	RD-AZ334J-	R CARBON FILM	1/6 330K OHM J	R723	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J
R518	RD-2Z111J-	R CARBON FILM	1/2 110 OHM J	R724	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J
R519	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	R725	RD-AZ432J-	R CARBON FILM	1/6 4.3K OHM J

ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	DESCRIPTION	LOC	PART CODE	PART NAME	DESCRIPTION
R726	RD-AZ822J-	R CARBON FILM	1/6 8.2K OHM J	RA15	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)
R727	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J	RA16	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R728	RD-AZ513J-	R CARBON FILM	1/6 51K OHM J	RA17	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R732	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	RV01	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J
R733	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	RV02	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J
R804	RD-2Z184J-	R CARBON FILM	1/2 180K OHM J	RV03A	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J
R806	RD-4Z330J-	R CARBON FILM	1/4 33 OHM J	RV04	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J
R807	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	RV07	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J
R808	RD-4Z331J-	R CARBON FILM	1/4 330 OHM J	RV08	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J
R809	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	RV09	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J
R810	RC-2Z565KP	R CARBON COMP	1/2 5.6M OHM K	RV10	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J
R811	RN-2Z1003F	R METAL FILM	1/2 100K OHM F	RV11	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J
R812	RN-4Z1302F	R METAL FILM	1/4W 13.0K OHM F	RV12	85801050GY	WIRE COPPER	1/0.5 TIN COATING
R813	RN-4Z2201F	R METAL FILM	1/4 2.20K OHM F	RV13	85801050GY	WIRE COPPER	1/0.5 TIN COATING
R814	RD-AZ333J-	R CARBON FILM	1/6 33K OHM J	RV15	85801050GY	WIRE COPPER	1/0.5 TIN COATING
R815	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	RV16	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J
R816	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J				
R817	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J				
R818	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J				
R819	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J				
R820	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J				
R823	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J				
R825	RC-2Z225KP	R CARBON COMP	1/2 2.2M OHM K				
R826	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J				
R828	RD-4Z100J-	R CARBON FILM	1/4 10 OHM J				
R901	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J				
R902	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J				
R903	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J				
R904	85801050GY	WIRE COPPER	1/0.5 TIN COATING				
R905	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J				
R906	RD-AZ471J-	R CARBON FILM	1/6 470 OHM J				
R907	RD-AZ181J-	R CARBON FILM	1/6 180 OHM J				
R909	RD-AZ181J-	R CARBON FILM	1/6 180 OHM J				
R911	RD-AZ181J-	R CARBON FILM	1/6 180 OHM J				
R916	RD-2Z272J-	R CARBON FILM	1/2 2.7K OHM J				
R917	RD-2Z272J-	R CARBON FILM	1/2 2.7K OHM J				
R918	RD-2Z272J-	R CARBON FILM	1/2 2.7K OHM J				
R920	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J				
R921	RD-AZ302J-	R CARBON FILM	1/6 3K OHM J				
R922	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J				
RA01	85801050GY	WIRE COPPER	1/0.5 TIN COATING				
RA02	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J				
RA03	85801050GY	WIRE COPPER	1/0.5 TIN COATING				
RA04	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J				
RA05	RD-AZ681J-	R CARBON FILM	1/6 680 OHM J				
RA06	RD-AZ681J-	R CARBON FILM	1/6 680 OHM J				
RA14	CCZJ1H103Z	C CERA	50V F 0.01MF Z AXL(1608)				

8. DIFFERENT PARTS

8.1 CM-800S(NORMAL)

DTA-21A8NZF(option : NTSC)

PART CODE	LOC	PART NAME	DESCRIPTION	DTA-21A8MTF	DTA-21A8NZF
CCZJ1H104Z	C101	C CERA	50V F 0.1MF Z AXL(1608)		DTA-21A8NZF
CCZJ1H103Z	C103	C CERA	50V F 0.01MF Z AXL(1608)		DTA-21A8NZF
D1N4148---	D103	DIODE	1N4148 (TAPPING)		DTA-21A8NZF
1LA769651F	I501	IC MICOM FLASH	LA769651F		DTA-21A8NZF
1LA76968FE	I501	IC MICOM FLASH	LA76968F-E	DTA-21A8MTF	
85801050GY	J080	WIRE COPPER	1/0.5 TIN COATING		DTA-21A8NZF
85801050GY	J081	WIRE COPPER	1/0.5 TIN COATING	DTA-21A8MTF	
85801050GY	J142	WIRE COPPER	1/0.5 TIN COATING	DTA-21A8MTF	
4856214902	M201B	WASHER RUBBER	CR T2.0	DTA-21A8MTF	
4856219502	M201B	WASHER RUBBER	CR T2.0 BLACK		DTA-21A8NZF
TKTC3198Y-	Q102	TR	KTC3198Y		DTA-21A8NZF
RD-AZ562J-	R120	R CARBON FILM	1/6 5.6K OHM J		DTA-21A8NZF
RD-AZ562J-	R121	R CARBON FILM	1/6 5.6K OHM J		DTA-21A8NZF
RD-AZ202J-	R122	R CARBON FILM	1/6 2K OHM J		DTA-21A8NZF
RD-AZ432J-	R123	R CARBON FILM	1/6 4.3K OHM J		DTA-21A8NZF
RD-AZ102J-	R124	R CARBON FILM	1/6 1K OHM J		DTA-21A8NZF
RD-4Z560J-	R125	R CARBON FILM	1/4 56 OHM J		DTA-21A8NZF
5PSF5407F3	SF101	FILTER SAW	TSF5407F3	DTA-21A8MTF	
5PSF6377F3	SF101	FILTER SAW	TSF6377F3		PTMPMSE498

DTA-21A8BZF(option : Booster)

PART CODE	LOC	PART NAME	DESCRIPTION	DTA-21A8MTF	DTA-21A8BZF
1LA769651F	I501	IC MICOM FLASH	LA769651F		DTA-21A8BZF
1LA76968FE	I501	IC MICOM FLASH	LA76968F-E	DTA-21A8MTF	
85801050GY	J007	WIRE COPPER	1/0.5 TIN COATING		DTA-21A8BZF
85801050GY	J008	WIRE COPPER	1/0.5 TIN COATING		DTA-21A8BZF
4856214902	M201B	WASHER RUBBER	CR T2.0	DTA-21A8MTF	
4856219502	M201B	WASHER RUBBER	CR T2.0 BLACK		DTA-21A8BZF
4859730130	U101	TUNER VARACTOR	115-B-8A86EU	DTA-21A8MTF	
4859729630	U101	TUNER VARACTOR	TAEM-G605D		DTA-21A8BZF

DIFFERENT PARTS

DTA-21A8MEF(option : PIP)

PART CODE	LOC	PART NAME	DESCRIPTION	DTA-21A8MTF	DTA-21A8MEF
4859817124	A001	PCB PIP	85X40(246X197/10) D1B		DTA-21A8MEF
CZCH1H100J	CP10	C CERA	50V CH 10PF J		DTA-21A8MEF
CZCH1H100J	CP11	C CERA	50V CH 10PF J		DTA-21A8MEF
CEXF1H100V	CP12	C ELECTRO	50V RSS 10MF (5X11) TP		DTA-21A8MEF
CCZJ1H103Z	CP13	C CERA	50V F 0.01MF Z AXL(1608)		DTA-21A8MEF
CEXF1C470V	CP15	C ELECTRO	16V RSS 47MF (5X11) TP		DTA-21A8MEF
CCZJ1H104Z	CP16	C CERA	50V F 0.1MF Z AXL(1608)		DTA-21A8MEF
CCZJ1H103Z	CP17	C CERA	50V F 0.01MF Z AXL(1608)		DTA-21A8MEF
CEXF1H100V	CP18	C ELECTRO	50V RSS 10MF (5X11) TP		DTA-21A8MEF
CCZJ1H103Z	CP19	C CERA	50V F 0.01MF Z AXL(1608)		DTA-21A8MEF
CEXF1H109V	CP20	C ELECTRO	50V RSS 1MF (5X11) TP		DTA-21A8MEF
CCZJ1H103Z	CP21	C CERA	50V F 0.01MF Z AXL(1608)		DTA-21A8MEF
CEXF1H100V	CP22	C ELECTRO	50V RSS 10MF (5X11) TP		DTA-21A8MEF
CCZJ1H103Z	CP23	C CERA	50V F 0.01MF Z AXL(1608)		DTA-21A8MEF
CEXF1H229V	CP24	C ELECTRO	50V RSS 2.2MF (5X11) TP		DTA-21A8MEF
CCZJ1H103Z	CP25	C CERA	50V F 0.01MF Z AXL(1608)		DTA-21A8MEF
CEXF1H229V	CP26	C ELECTRO	50V RSS 2.2MF (5X11) TP		DTA-21A8MEF
CCZJ1H473Z	CP27	C CERA	50V F 0.047MF Z AXL(1608)		DTA-21A8MEF
CCZJ1H473Z	CP28	C CERA	50V F 0.047MF Z AXL(1608)		DTA-21A8MEF
CCZJ1H473Z	CP29	C CERA	50V F 0.047MF Z AXL(1608)		DTA-21A8MEF
1SDA9488--	IP10	IC CHIP PIP	SDA9488XE-B31		DTA-21A8MEF
1K1A431B--	IP11	IC REGULATOR(SH)	KIA431B 2.495V 0.5% TO-92		DTA-21A8MEF
5CPZ100K02	LP10	COIL PEAKING	10UH K (AXIAL 3.5MM)		DTA-21A8MEF
5CPZ100K02	LP11	COIL PEAKING	10UH K (AXIAL 3.5MM)		DTA-21A8MEF
5CPZ100K02	LP12	COIL PEAKING	10UH K (AXIAL 3.5MM)		DTA-21A8MEF
5CPZ100K02	LP13	COIL PEAKING	10UH K (AXIAL 3.5MM)		DTA-21A8MEF
4859273120	PP01	CONN WAFER	YFAW025-115		DTA-21A8MEF
RD-AZ101J-	RP10	R CARBON FILM	1/6 100 OHM J		DTA-21A8MEF
RD-AZ101J-	RP11	R CARBON FILM	1/6 100 OHM J		DTA-21A8MEF
RD-AZ112F-	RP12	R CARBON FILM	1/6 1.1K OHM F(1%)		DTA-21A8MEF
RD-AZ221J-	RP13	R CARBON FILM	1/6 220 OHM J		DTA-21A8MEF
RD-AZ221J-	RP14	R CARBON FILM	1/6 220 OHM J		DTA-21A8MEF
RS02Z829JS	RP15	R M-OXIDE FILM	2W 8.2 OHM J SMALL (TAP)		DTA-21A8MEF
RD-AZ101J-	RP16	R CARBON FILM	1/6 100 OHM J		DTA-21A8MEF
RD-AZ101J-	RP17	R CARBON FILM	1/6 100 OHM J		DTA-21A8MEF
RD-AZ101J-	RP18	R CARBON FILM	1/6 100 OHM J		DTA-21A8MEF
RD-AZ101J-	RP19	R CARBON FILM	1/6 100 OHM J		DTA-21A8MEF
RN-AZ3301F	RP20	R METAL FILM	1/6 3.3K OHM F		DTA-21A8MEF
5XE20R250E	XP10	CRYSTAL QUARTZ	HC-49/U 20.2500MHZ 30PPM		DTA-21A8MEF

DIFFERENT PARTS

8.2 CM-801S(SLIM)

DTA-21S7NZF(option : NTSC)

PART CODE	LOC	PART NAME	DESCRIPTION	DTA-21S7MTF	DTA-21S7NZF
D1N4148----	D103	DIODE	1N4148 (TAPPING)		DTA-21S7NZF
85801050GY	J119	WIRE COPPER	1/0.5 TIN COATING	DTA-21S7MTF	
4859200401	JPA01	JACK SCART	YRS21-R1		DTA-21S7NZF
4859110950	JPA01	JACK PIN	YS01-0001(3P SCART TY	DTA-21S7MTF	
TKTC3198Y-	Q102	TR	KTC3198Y		DTA-21S7NZF
RD-AZ562J-	R120	R CARBON FILM	1/6 5.6K OHM J		DTA-21S7NZF
RD-AZ562J-	R121	R CARBON FILM	1/6 5.6K OHM J		DTA-21S7NZF
RD-AZ202J-	R122	R CARBON FILM	1/6 2K OHM J		DTA-21S7NZF
RD-AZ432J-	R123	R CARBON FILM	1/6 4.3K OHM J		DTA-21S7NZF
RD-AZ102J-	R124	R CARBON FILM	1/6 1K OHM J		DTA-21S7NZF
5PSF5407F3	SF101	FILTER SAW	TSF5407F3	DTA-21S7MTF	
5PSF6377F3	SF101	FILTER SAW	TSF6377F3		DTA-21S7NZF

DTA-21S7BZF(option : Booster)

PART CODE	LOC	PART NAME	DESCRIPTION	DTA-21S7MTF	DTA-21S7BZF
85801050GY	JP50	WIRE COPPER	1/0.5 TIN COATING		DTA-21S7BZF
4859200401	JPA01	JACK SCART	YRS21-R1		DTA-21S7BZF
4859110950	JPA01	JACK PIN	YS01-0001(3P SCART TY	DTA-21S7MTF	
4859730130	U101	TUNER VARACTOR	115-B-8A86EU	DTA-21S7MTF	
4859729630	U101	TUNER VARACTOR	TAEM-G605D		DTA-21S7BZF

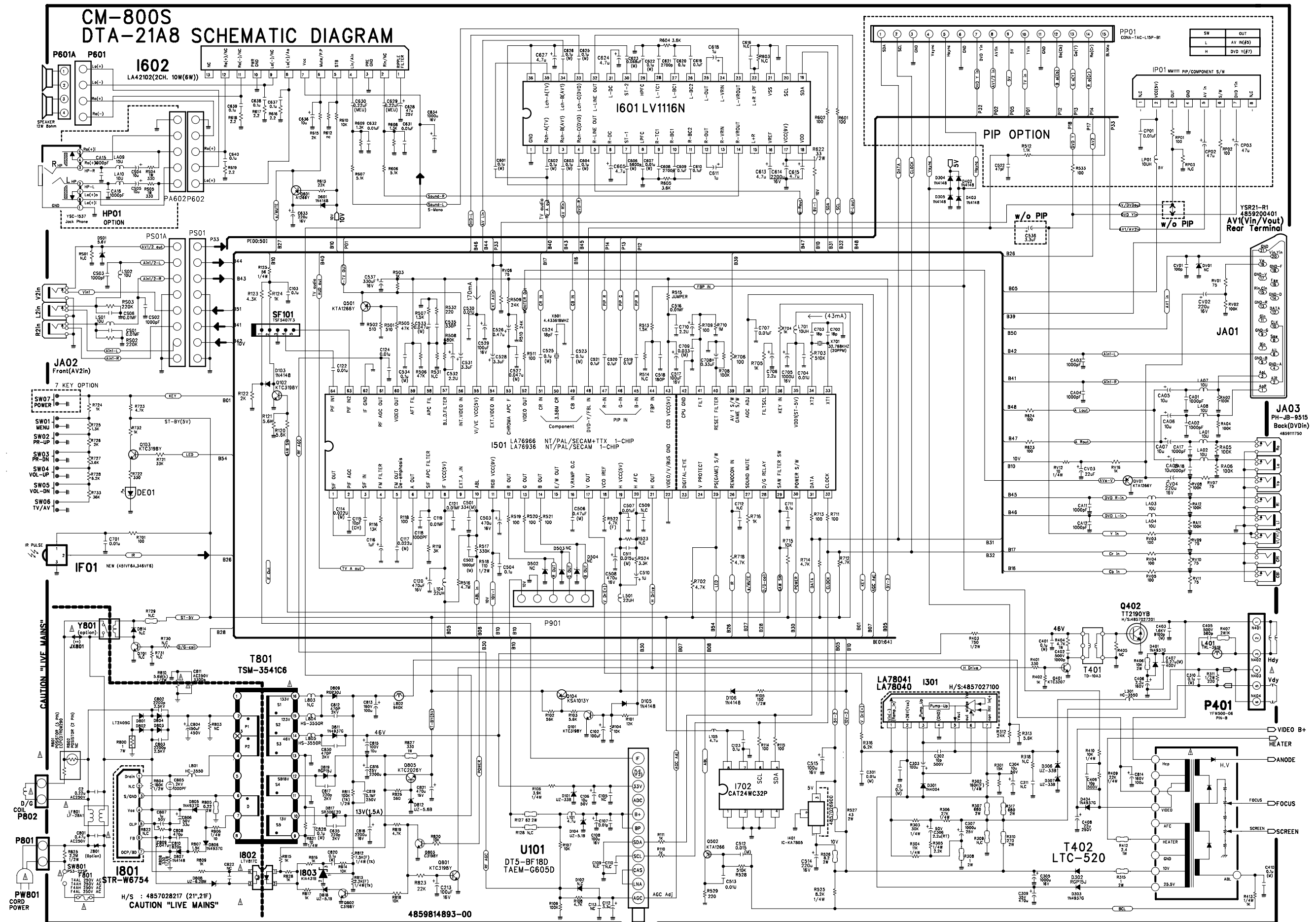
DTA-21S7MEF(option : PIP)

PART CODE	LOC	PART NAME	DESCRIPTION	DTA-21S7MTF	DTA-21S7MEF
4859817124	A001	PCB PIP	85X40(246X197/10) D1B		DTA-21S7MEF
CCZB1H181K	C522	C CERA	50V B 180PF K (AXIAL)	DTA-21S7MTF	
CZCQ1H470J	C522	C CERA	50V CH 47PF J AXL(1608)		DTA-21S7MEF
CEXF1H478V	CP02	C ELECTRO	50V RSS 0.47MF (5X11) TP		DTA-21S7MEF
CEXF1H478V	CP03	C ELECTRO	50V RSS 0.47MF (5X11) TP		DTA-21S7MEF
CCXB1H103K	CP04	C CERA	50V B 0.01MF K		DTA-21S7MEF
CZCH1H100J	CP10	C CERA	50V CH 10PF J		DTA-21S7MEF
CZCH1H100J	CP11	C CERA	50V CH 10PF J		DTA-21S7MEF
CEXF1H100V	CP12	C ELECTRO	50V RSS 10MF (5X11) TP		DTA-21S7MEF
CCZJ1H103Z	CP13	C CERA	50V F 0.01MF Z AXL(1608)		DTA-21S7MEF
CEXF1C470V	CP15	C ELECTRO	16V RSS 47MF (5X11) TP		DTA-21S7MEF
CCZJ1H104Z	CP16	C CERA	50V F 0.1MF Z AXL(1608)		DTA-21S7MEF
CCZJ1H103Z	CP17	C CERA	50V F 0.01MF Z AXL(1608)		DTA-21S7MEF
CEXF1H100V	CP18	C ELECTRO	50V RSS 10MF (5X11) TP		DTA-21S7MEF
CCZJ1H103Z	CP19	C CERA	50V F 0.01MF Z AXL(1608)		DTA-21S7MEF
CEXF1H109V	CP20	C ELECTRO	50V RSS 1MF (5X11) TP		DTA-21S7MEF
CCZJ1H103Z	CP21	C CERA	50V F 0.01MF Z AXL(1608)		DTA-21S7MEF
CEXF1H100V	CP22	C ELECTRO	50V RSS 10MF (5X11) TP		DTA-21S7MEF

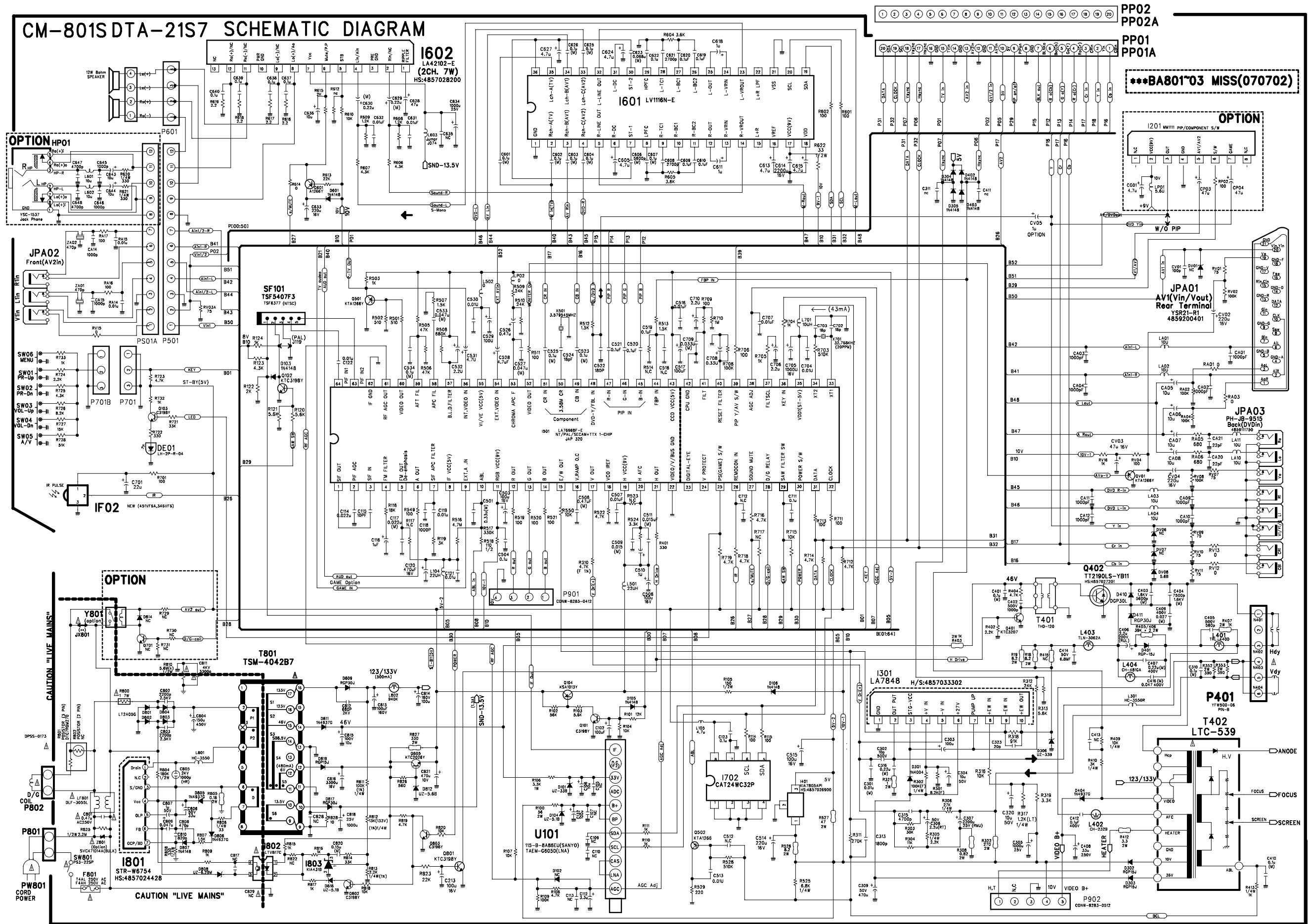
DIFFERENT PARTS

PART CODE	LOC	PART NAME	DESCRIPTION	DTA-21S7MTF	DTA-21S7MEF
CCZJ1H103Z	CP23	C CERA	50V F 0.01MF Z AXL(1608)		DTA-21S7MEF
CEXF1H229V	CP24	C ELECTRO	50V RSS 2.2MF (5X11) TP		DTA-21S7MEF
CCZJ1H103Z	CP25	C CERA	50V F 0.01MF Z AXL(1608)		DTA-21S7MEF
CEXF1H229V	CP26	C ELECTRO	50V RSS 2.2MF (5X11) TP		DTA-21S7MEF
CCZJ1H473Z	CP28	C CERA	50V F 0.047MF Z AXL(1608)		DTA-21S7MEF
CCZJ1H473Z	CP29	C CERA	50V F 0.047MF Z AXL(1608)		DTA-21S7MEF
1MM1111XS-	IP01	IC SWITCH	MM1111XS		DTA-21S7MEF
1SDA9488--	IP10	IC CHIP PIP	SDA9488XE-B31		DTA-21S7MEF
1K1A431B--	IP11	IC REGULATOR(SH)	KIA431B 2.495V 0.5% TO-92		DTA-21S7MEF
85801050GY	J014	WIRE COPPER	1/0.5 TIN COATING	DTA-21S7MTF	
85801050GY	J017	WIRE COPPER	1/0.5 TIN COATING		DTA-21S7MEF
85801050GY	J064	WIRE COPPER	1/0.5 TIN COATING		DTA-21S7MEF
85801050GY	J114	WIRE COPPER	1/0.5 TIN COATING	DTA-21S7MTF	
85801050GY	J504	WIRE COPPER	1/0.5 TIN COATING		DTA-21S7MEF
5CPZ100K02	LP10	COIL PEAKING	10UH K (AXIAL 3.5MM)		DTA-21S7MEF
5CPZ100K02	LP11	COIL PEAKING	10UH K (AXIAL 3.5MM)		DTA-21S7MEF
5CPZ100K02	LP12	COIL PEAKING	10UH K (AXIAL 3.5MM)		DTA-21S7MEF
5CPZ100K02	LP13	COIL PEAKING	10UH K (AXIAL 3.5MM)		DTA-21S7MEF
4859273120	PP01	CONN WAFER	YFAW025-115		DTA-21S7MEF
RD-AZ101J-	RP02	R CARBON FILM	1/6 100 OHM J		DTA-21S7MEF
RD-AZ101J-	RP10	R CARBON FILM	1/6 100 OHM J		DTA-21S7MEF
RD-AZ101J-	RP11	R CARBON FILM	1/6 100 OHM J		DTA-21S7MEF
RD-AZ112F-	RP12	R CARBON FILM	1/6 1.1K OHM F(1%)		DTA-21S7MEF
RD-AZ221J-	RP13	R CARBON FILM	1/6 220 OHM J		DTA-21S7MEF
RD-AZ221J-	RP14	R CARBON FILM	1/6 220 OHM J		DTA-21S7MEF
RS02Z829JS	RP15	R M-OXIDE FILM	2W 8.2 OHM J SMALL (TAP)		DTA-21S7MEF
RD-AZ101J-	RP16	R CARBON FILM	1/6 100 OHM J		DTA-21S7MEF
RD-AZ101J-	RP17	R CARBON FILM	1/6 100 OHM J		DTA-21S7MEF
RD-AZ101J-	RP18	R CARBON FILM	1/6 100 OHM J		DTA-21S7MEF
RD-AZ101J-	RP19	R CARBON FILM	1/6 100 OHM J		DTA-21S7MEF
RN-AZ3301F	RP20	R METAL FILM	1/6 3.3K OHM F		DTA-21S7MEF
5XE20R250E	XP10	CRYSTAL QUARTZ	HC-49/U 20.2500MHZ 30PPM		DTA-21S7MEF

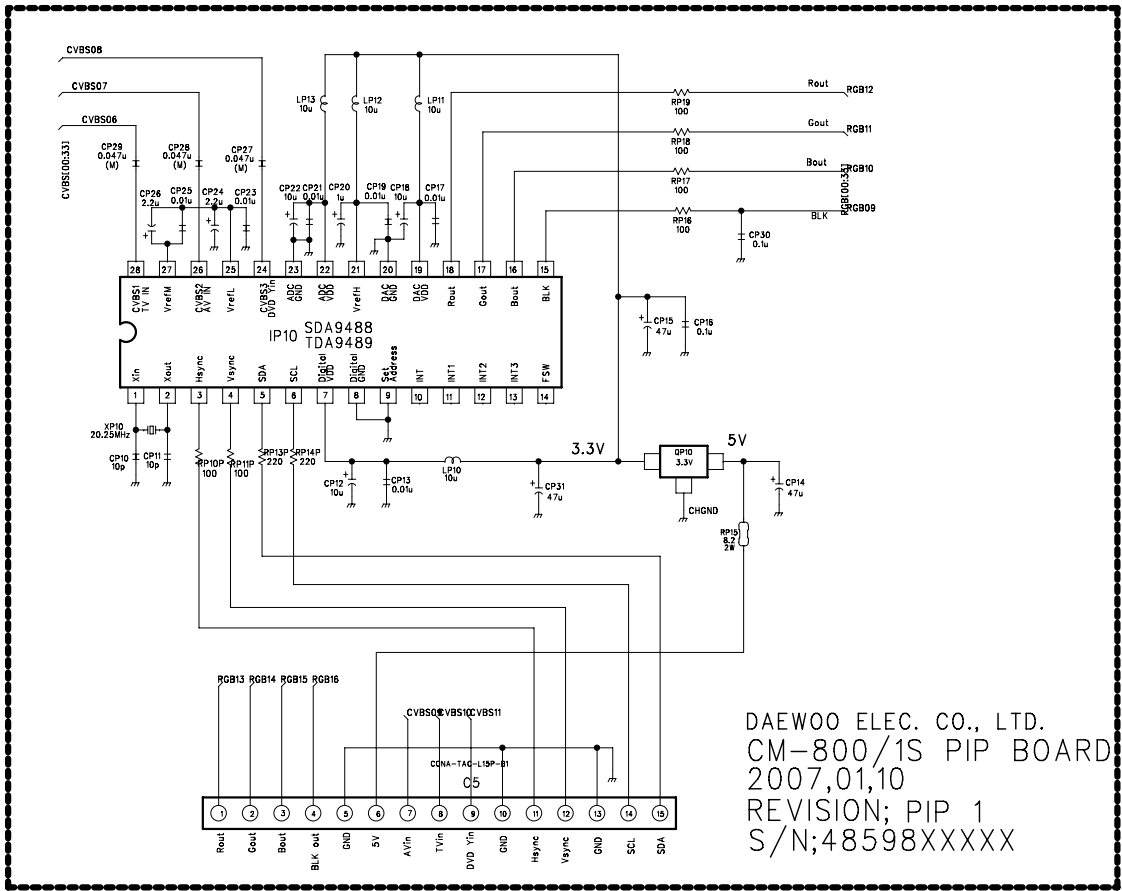
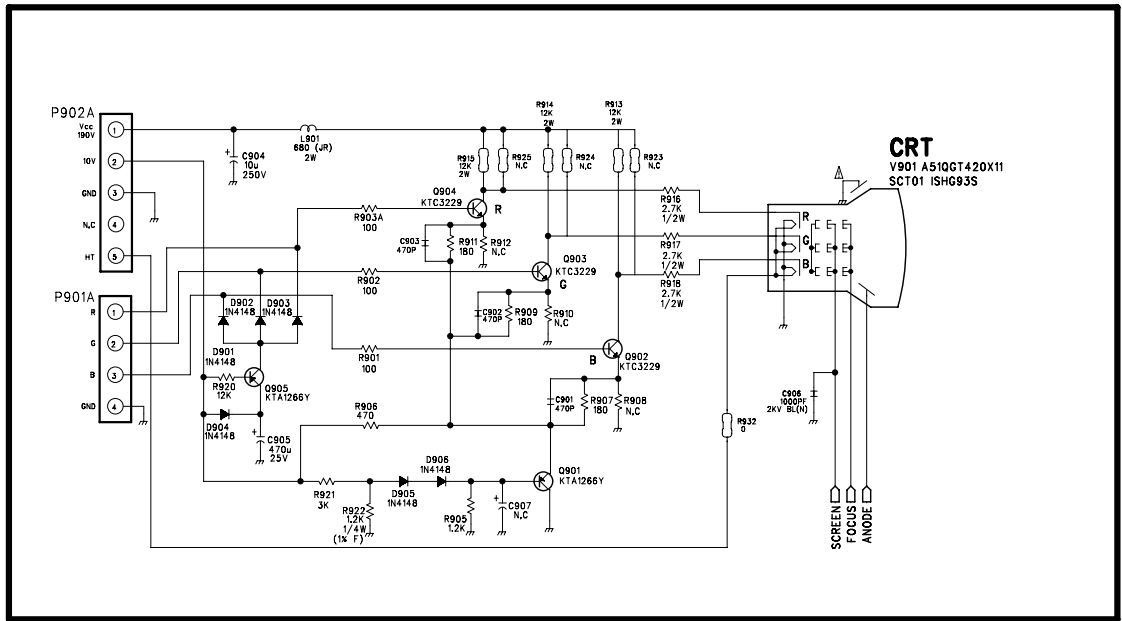
8. SCHEMATIC DIAGRAM



8. SCHEMATIC DIAGRAM




CM-801S DTA-21S7 SCHEMATIC DIAGRAM








NOTE:
1. RESISTANCE IS SHOWN IN OHM. K=1000, M=1000000
2. UNLESS OTHERWISE NOTED IN SCHEMATIC ALL CAPACITOR
VALUES ARE EXPRESSED IN uF
3. VOLTAGES READ WITH "VTVM" FROM POINT INDICATED TO
CHASSIS GROUND USING A COLOR BAR SIGNAL WITH ALL CONTROLS AT
NORMAL LINE 230V AC VOLTAGE READINGS SHOWN ARE NORMAL VALUES
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4. THIS CIRCUIT DIAGRAM IS A STANDARD ONE CIRCUIT PRINTED
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PRIOR NOTICE

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"SAFETY PRECAUTION", AND "PRODUCT SAFETY NOTICE" IN SERVICE
MANUAL






CAUTION TO SERVICE TECHNICIANS:
BEFORE RETURNING THE RECEIVER TO CUSTOMER, LEAKAGE CURRENT
OR RESISTANCE MEASUREMENTS SHOULD BE PERFORMED TO DETERMINE
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LIST.
DON'T DEGRADE THE SAFETY OF THE SET THROUGH IMPROPER SERVICING.

RESISTOR

CARBON FILM		
R M-OXIDE		(M)
CARBON COMP		
FUSIBLE		(F)
CEMENT		(C)

CAPACITOR

ELECTRO		
CERAMIC		
CERAMIC CH		
ELECTRO NONPOLAR		(NP)
MYLAR		(M)

COIL

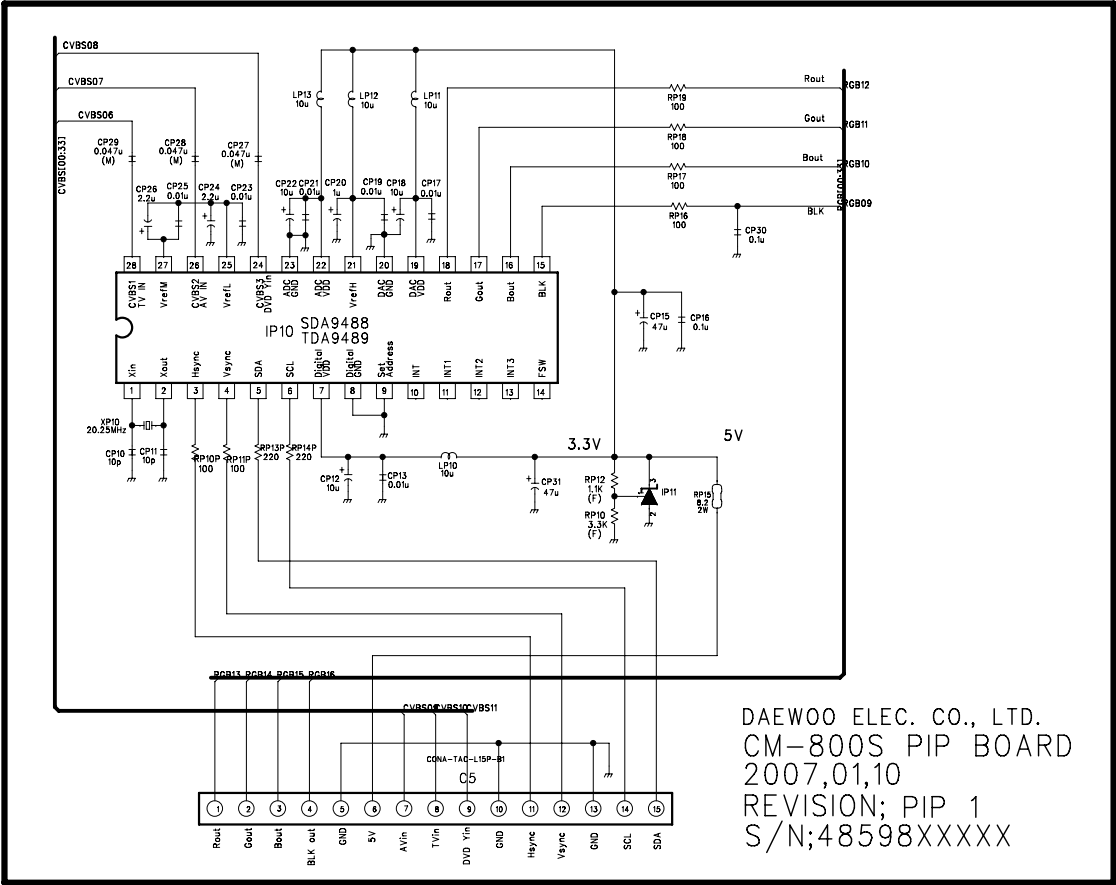
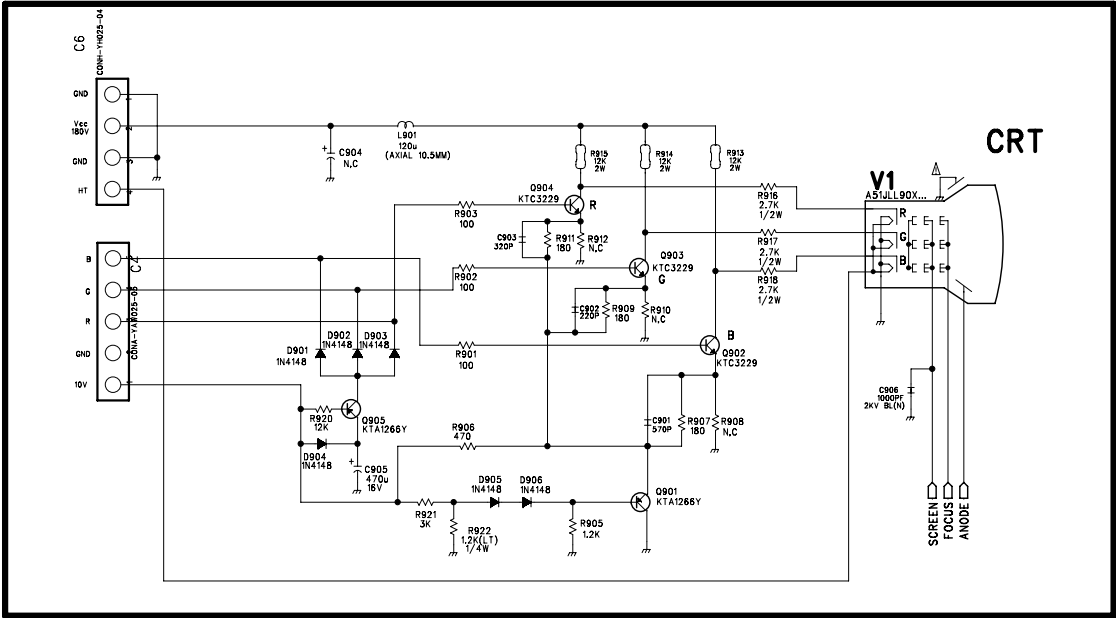
PEAKING		
CHOKE		(C)
BEAD		(B)

1. CRT DIFFERENT PARTS LIST

LOC.	14 INCH	20 INCH	21 INCH	21" FLAT
V901	A34AGT13X	A48JLL40X	A51EHW135X...	A510QJ279X...
P901	8pin 300mm	8pin 400mm	8pin 400mm	8pin 400mm
R801	PTC 14 OHM	PTC 7 OHM	PTC 7 OHM	PTC 7 OHM
R805	0.33 OHM	0.27 OHM	0.22 OHM	0.22 OHM
JX133	JUMPER	JUMPER	N.C	N.C
JX123	N.C	N.C	JUMPER	JUMPER
R812	15K	15K	6.8K	6.8K
C403	1.6KV 8200P	1.6KV 7500P	1.6KV 7500P	1.6KV 7200P
C407	200V 0.39uF	200V 0.38uF	200V 0.39uF	200V 0.3uF
R411	2W 2.4 OHM	2W 3.3 OHM	2W 3.0 OHM	2W 2.7 OHM
L401	JUMPER	JUMPER	L-76	TRL-361A
C405	N.C	N.C	500V 560pF	500V 560pF
R405	N.C	N.C	2W 1K OHM	2W 1K OHM
SCT01	N.C	N.C	ISHG93S	ISHG93S
SCT02	ISMG03S	ISMG03S	N.C	N.C
I301	LA78040	LA78040	LA78041	LA78041
Q402	ST1803DFH	ST1803DFH	ST1803DHI	ST1803DHI
P401	YFW500-06	YFW500-06	YFW500-06	PIN-B (4EA)
SP01	8 OHM 7.5W	8 OHM 7.5W	8 OHM 12W	8 OHM 12W
SP02	8 OHM 7.5W	8 OHM 7.5W	8 OHM 12W	8 OHM 12W
I601	TA8944J	TA8944J	TA8946J	TA8946J
R609	22K OHM	22K OHM	18K OHM	18K OHM
R610	22K OHM	22K OHM	18K OHM	18K OHM

SF01	SF02	SF03	SF04	SF05	SF06	SF07
NTSC	Mono K7252M	X	X	X	X	X
BASIC	Mono K2960M	X	X	X	X	X
SL	K7257M K9253M	X	X	X	X	X
SCM-L	Mono G1884M L9653M	X	X	X	X	X
SL	K3853M K9650M	X	X	X	X	X

CM-800S DTA-21A8 SCHEMATIC DIAGRAM














DAEWOO ELEC. CO., LTD.
CM-800S PIP BOARD
2007,01,10
REVISION; PIP 1
S/N;48598XXXXX




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LIST.
DON'T DEGRADE THE SAFETY OF THE SET THROUGH IMPROPER SERVICING.

RESISTOR		CAPACITOR	
CARBON FILM		ELECTRO	
R M-OXIDE		CERAMIC	
CARBON COMP		CERAMIC CH	
FUSIBLE		ELECTRO NONPOLAR	
CEMENT		MYLAR	

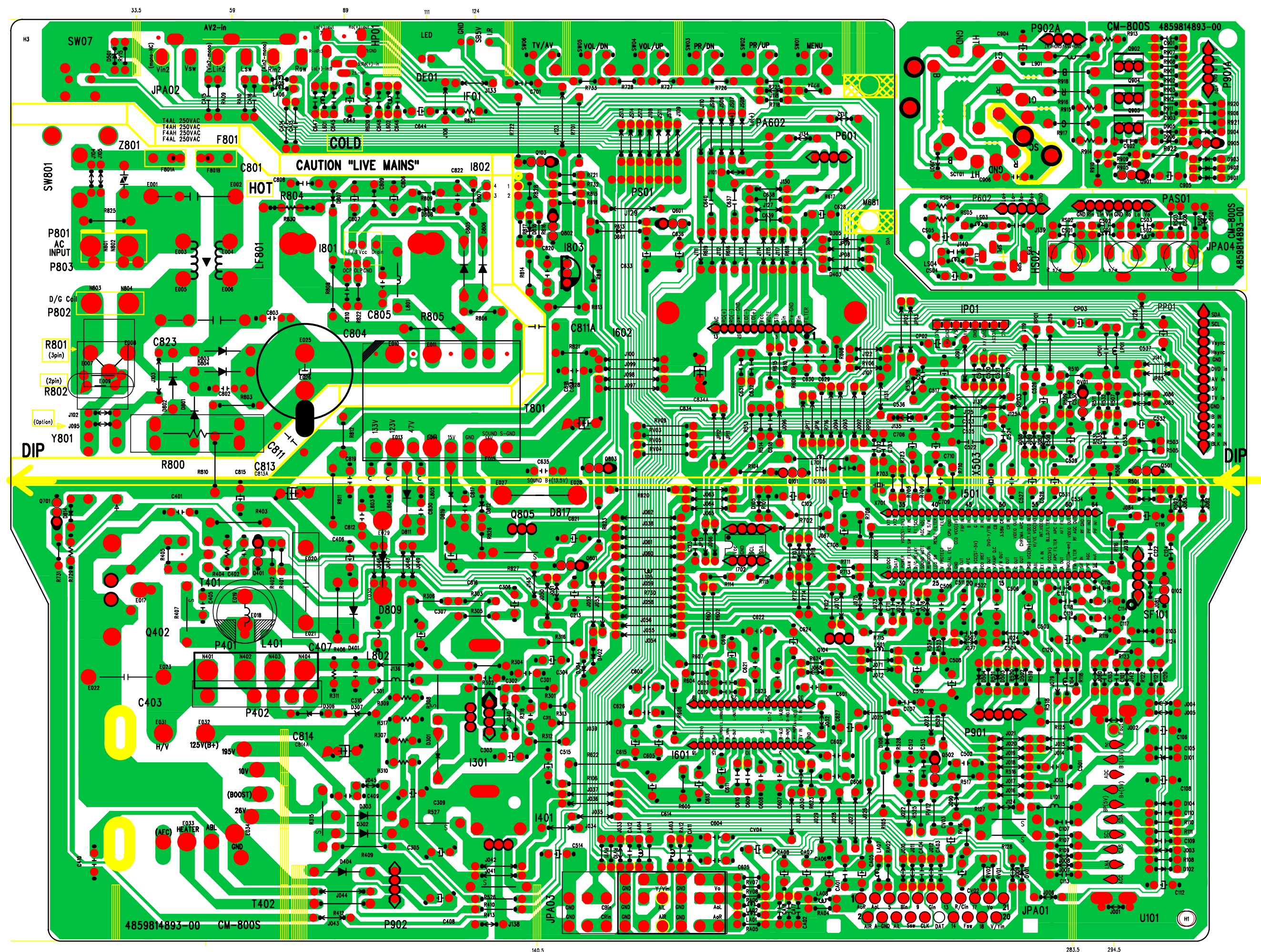
COIL	
PEAKING	
CHOKE	
BEAD	

1. CRT DIFFERENT PARTS LIST

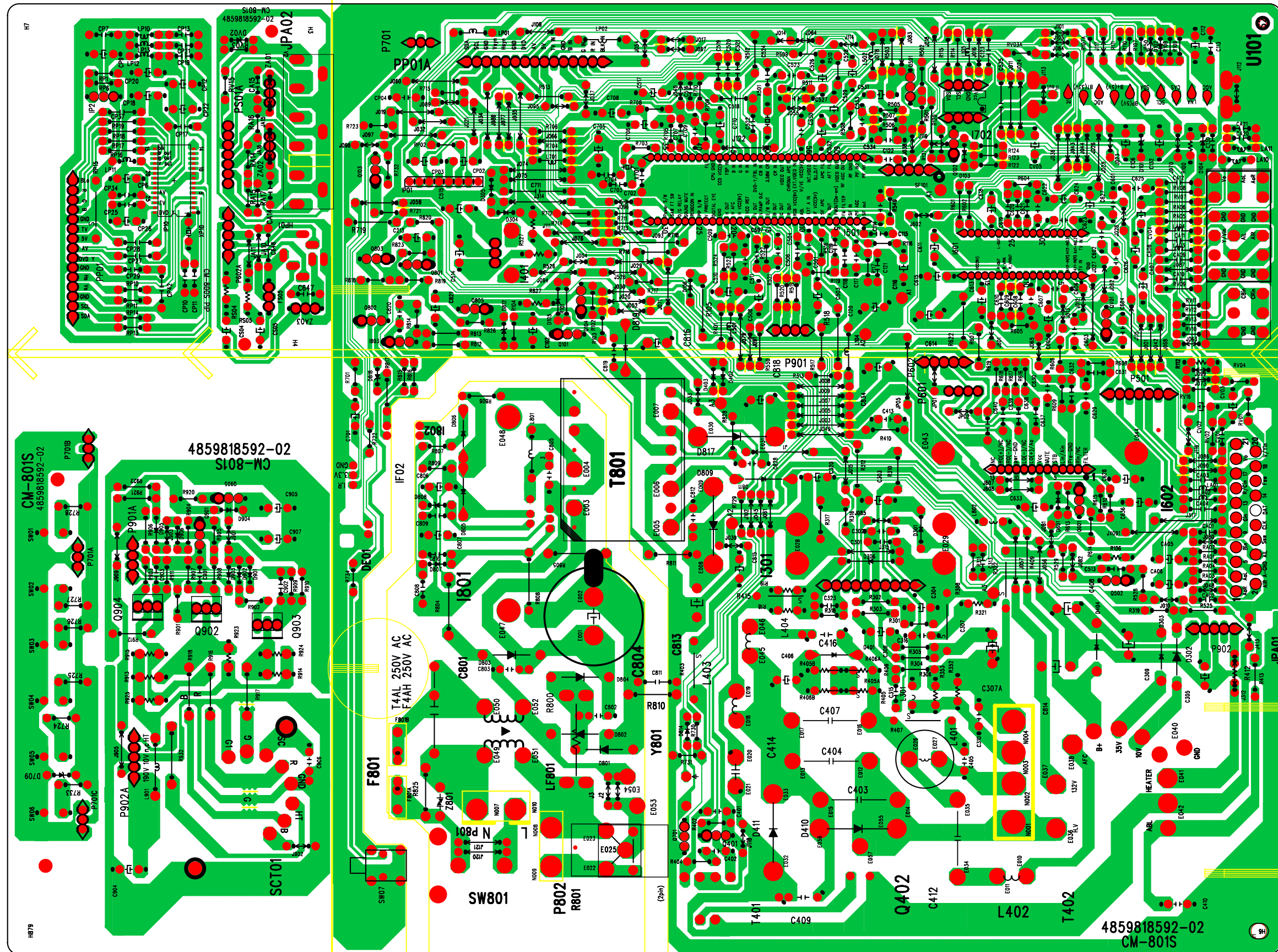
LOC.	14 INCH	20 INCH	21 INCH	21" FLAT
V901	A34AGT13X	A48JLL40X	A51EHW135X...	A51QJ279X...
P901	8pin 300mm	8pin 400mm	8pin 400mm	8pin 400mm
R801	PTC 14 OHM	PTC 7 OHM	PTC 7 OHM	PTC 7 OHM
R805	0.33 OHM	0.27 OHM	0.22 OHM	0.22 OHM
JX133	JUMPER	JUMPER	N.C	N.C
JX123	N.C	N.C	JUMPER	JUMPER
R812	15K	15K	6.8K	6.8K
C403	1.6KV 8200P	1.6KV 7500P	1.6KV 7500P	1.6KV 7200P
C407	200V 0.39uF	200V 0.38uF	200V 0.39uF	200V 0.3uF
R411	2W 2.4 OHM	2W 3.3 OHM	2W 3.0 OHM	2W 2.7 OHM
L401	JUMPER	JUMPER	L-76	TRL-361A
C405	N.C	N.C	500V 560pF	500V 560pF
R405	N.C	N.C	2W 1K OHM	2W 1K OHM
SCT01	N.C	N.C	ISHG93S	ISHG93S
SCT02	ISMG03S	ISMG03S	N.C	N.C
I301	LA78040	LA78040	LA78041	LA78041
Q402	ST1803DFH	ST1803DFH	ST1803DHI	ST1803DHI
P401	YFW500-06	YFW500-06	YFW500-06	PIN-B (4EA)
SP01	8 OHM 7.5W	8 OHM 7.5W	8 OHM 12W	8 OHM 12W
SP02	8 OHM 7.5W	8 OHM 7.5W	8 OHM 12W	8 OHM 12W
I601	TA8944J	TA8944J	TA8946J	TA8946J
R609	22K OHM	22K OHM	18K OHM	18K OHM
R610	22K OHM	22K OHM	18K OHM	18K OHM

		SF01	SF02	J01	J02	J03	J04	J05	C07
NTSC	Mono K7252M	X	X	X	X	X	X	X	X
BASIC	Mono K2960M	X	X	X	X	X	X	X	X
	SL K7257M K9253M	X	X	X	X	X	X	X	X
SCM-L	Mono G1984M K9653M	X	X	X	X	X	X	X	X
	SL K3953M K9650M	X	X	X	X	X	X	X	X

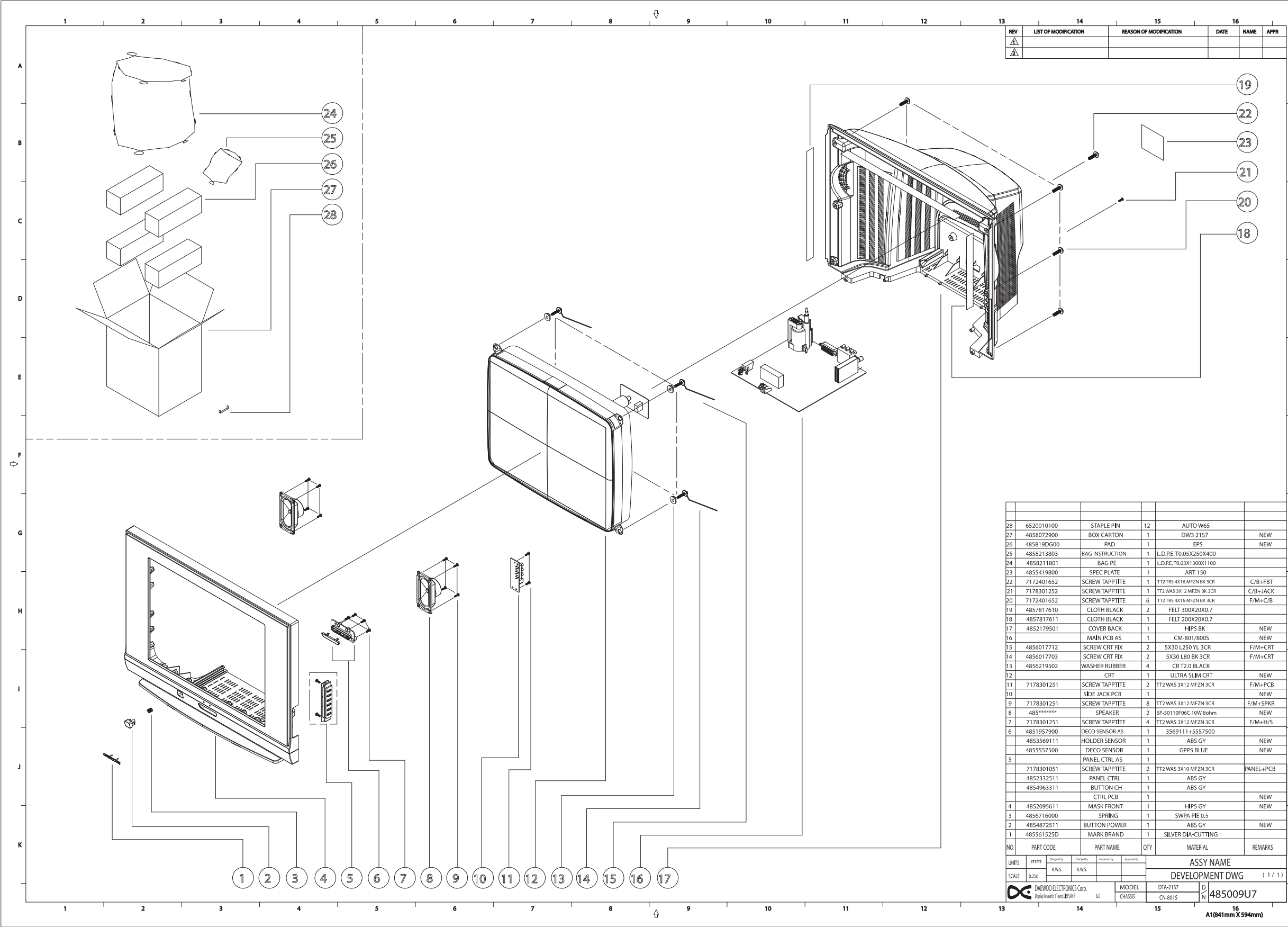
9. PRINTED CIRCUIT BOARD



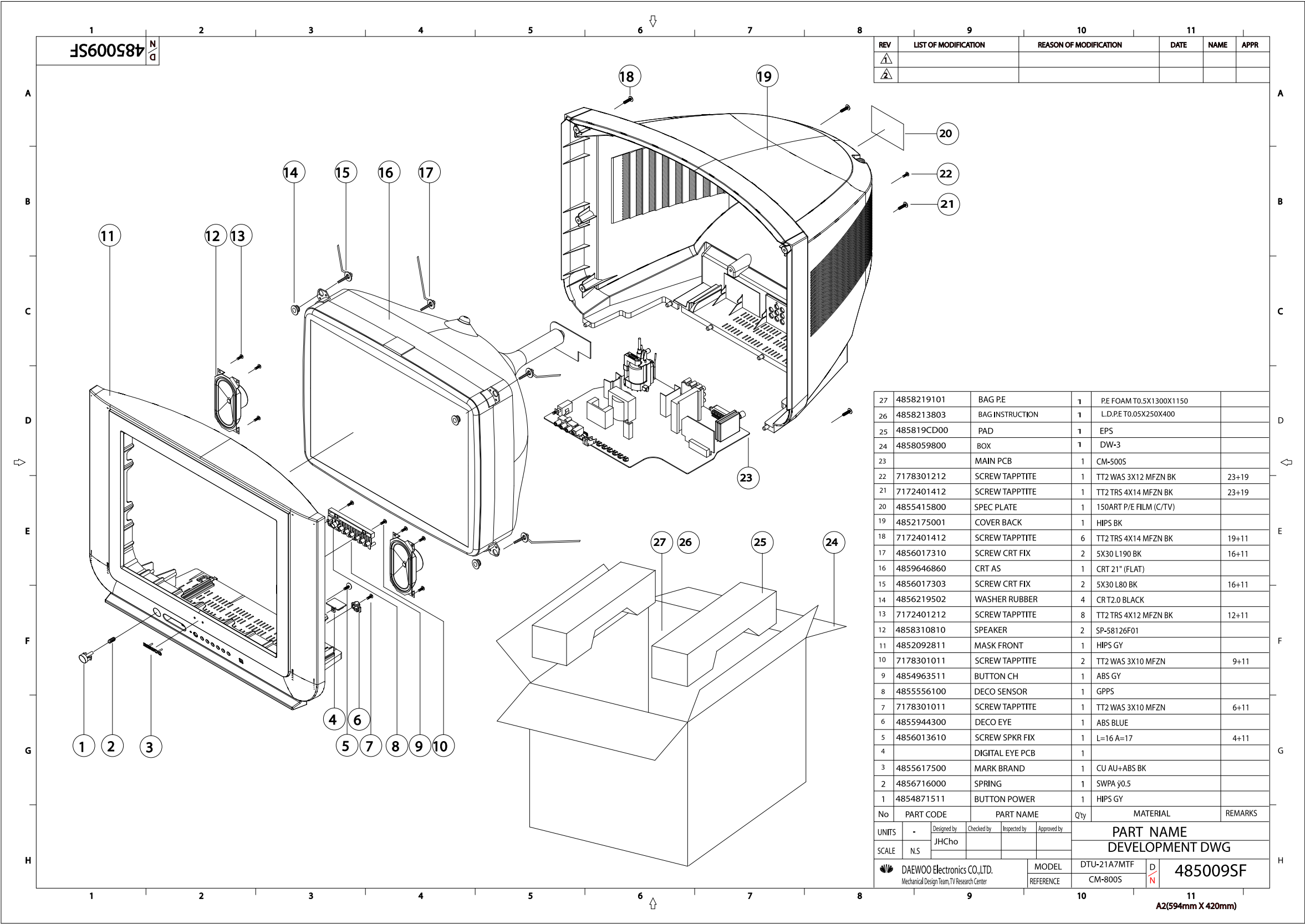
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10. MECHANICAL EXPLODED VIEW AND PARTS LIST

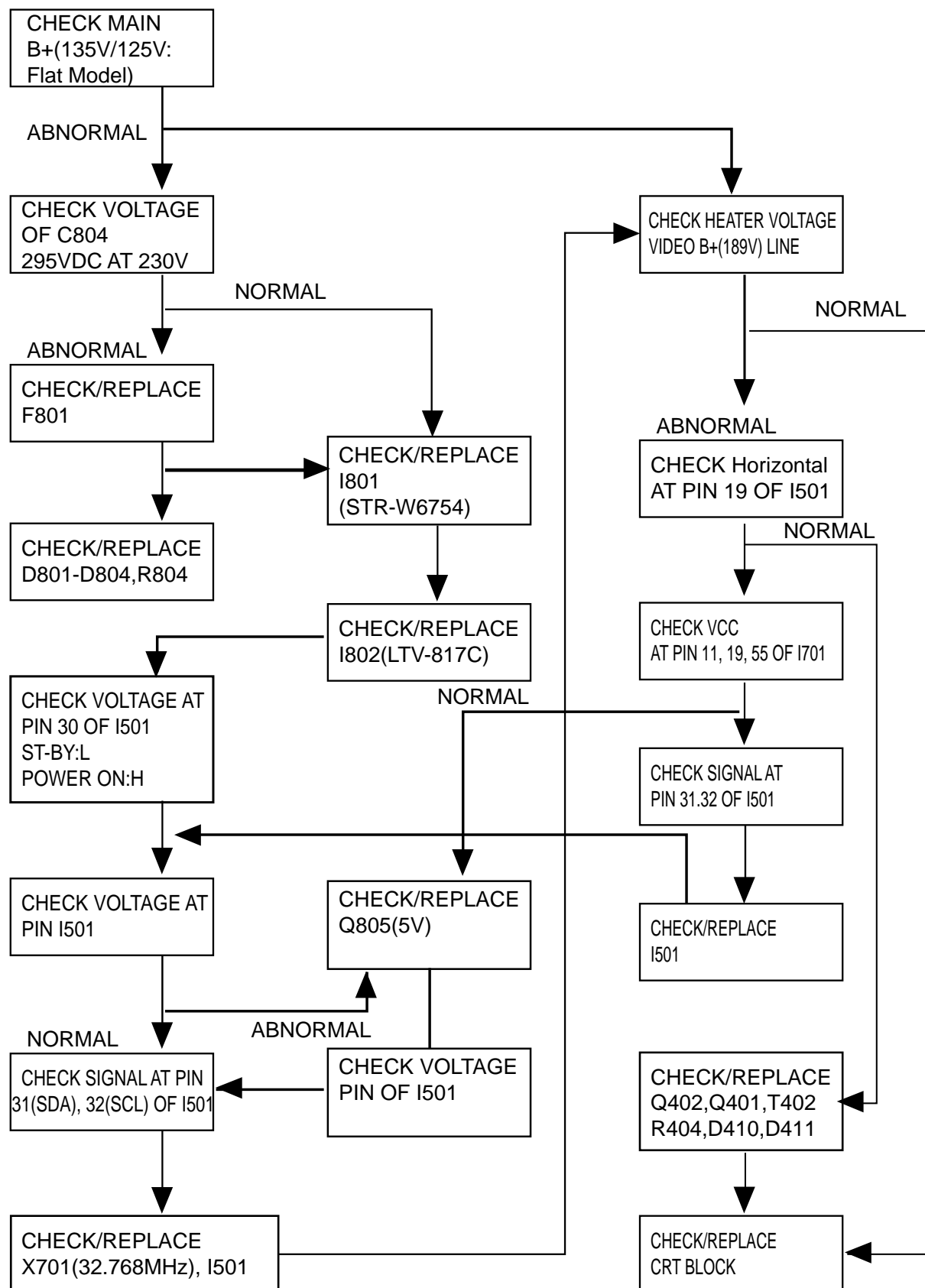


MECHANICAL EXPLODED VIEW AND PARTS LIST



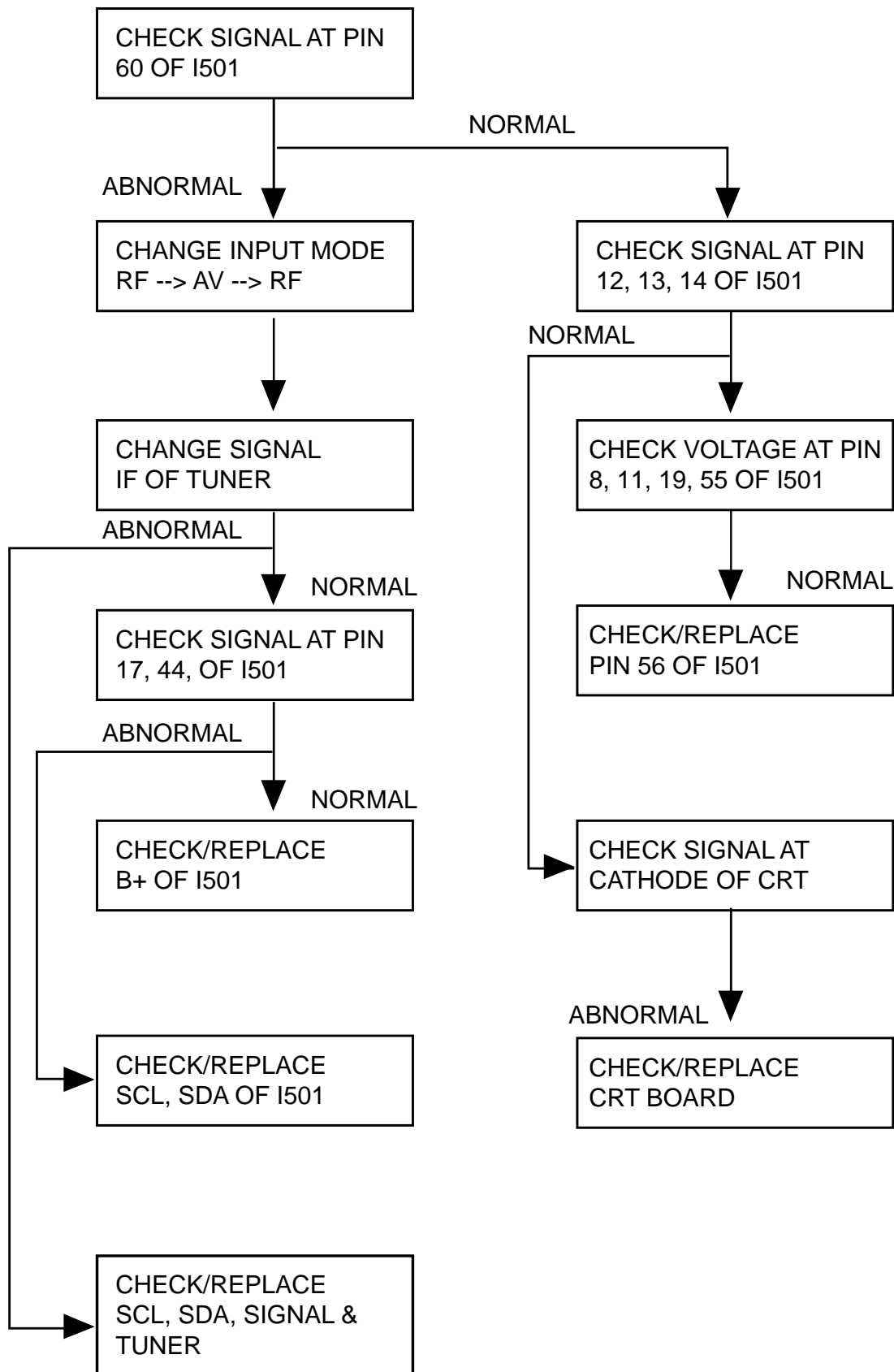
11. TROUBLE SHOOTING CHARTS

1. NO RASTER



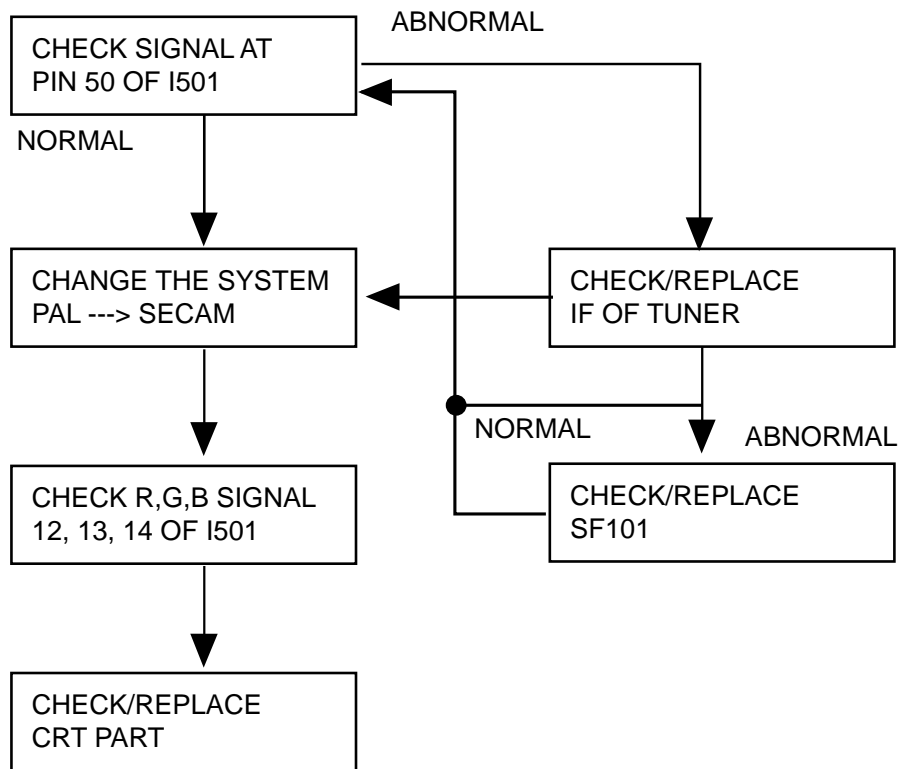
TROUBLE SHOOTING CHARTS

2. NO PICTURE(RASTER OK)



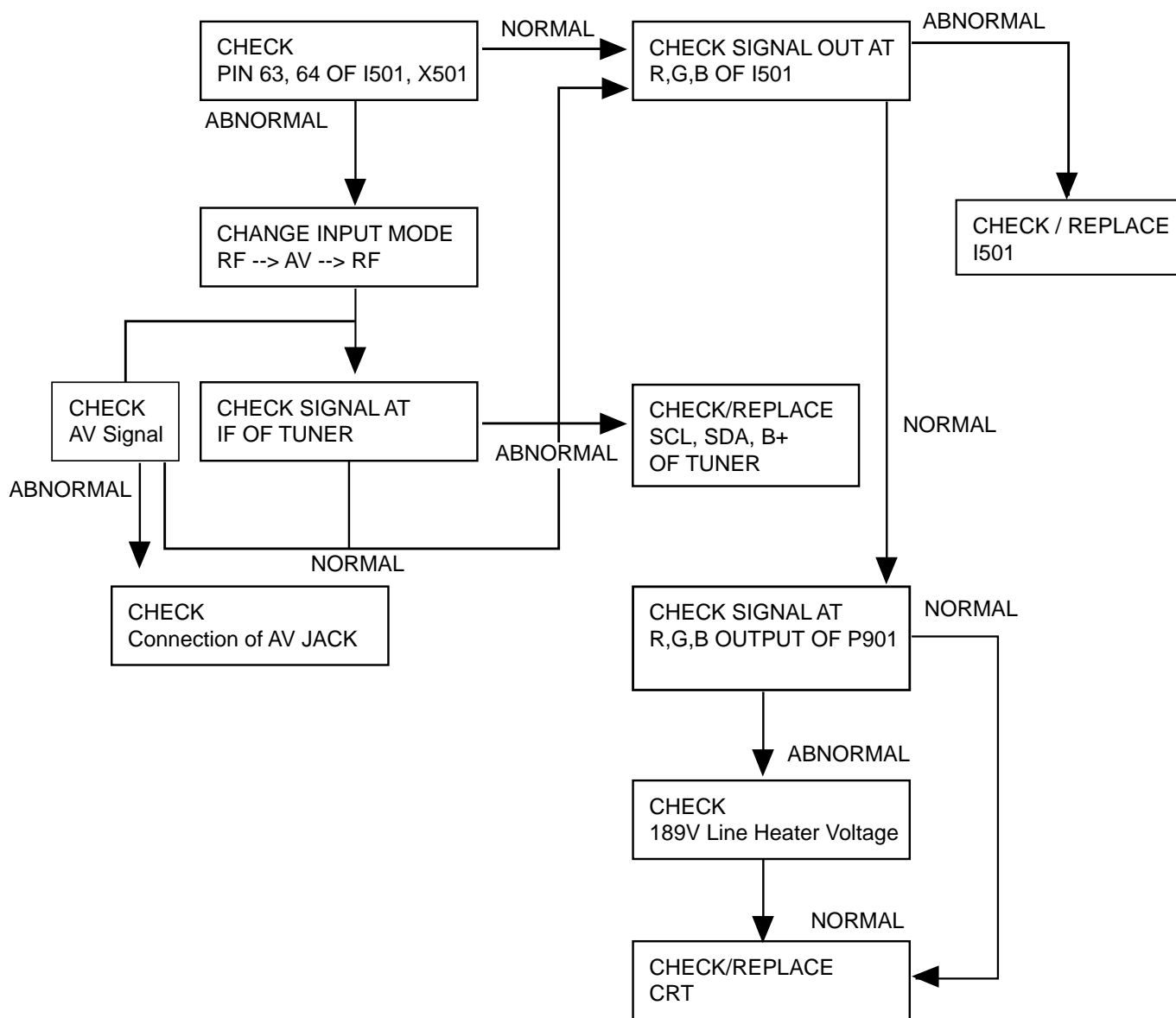
TROUBLE SHOOTING CHARTS

3. NO COLOR



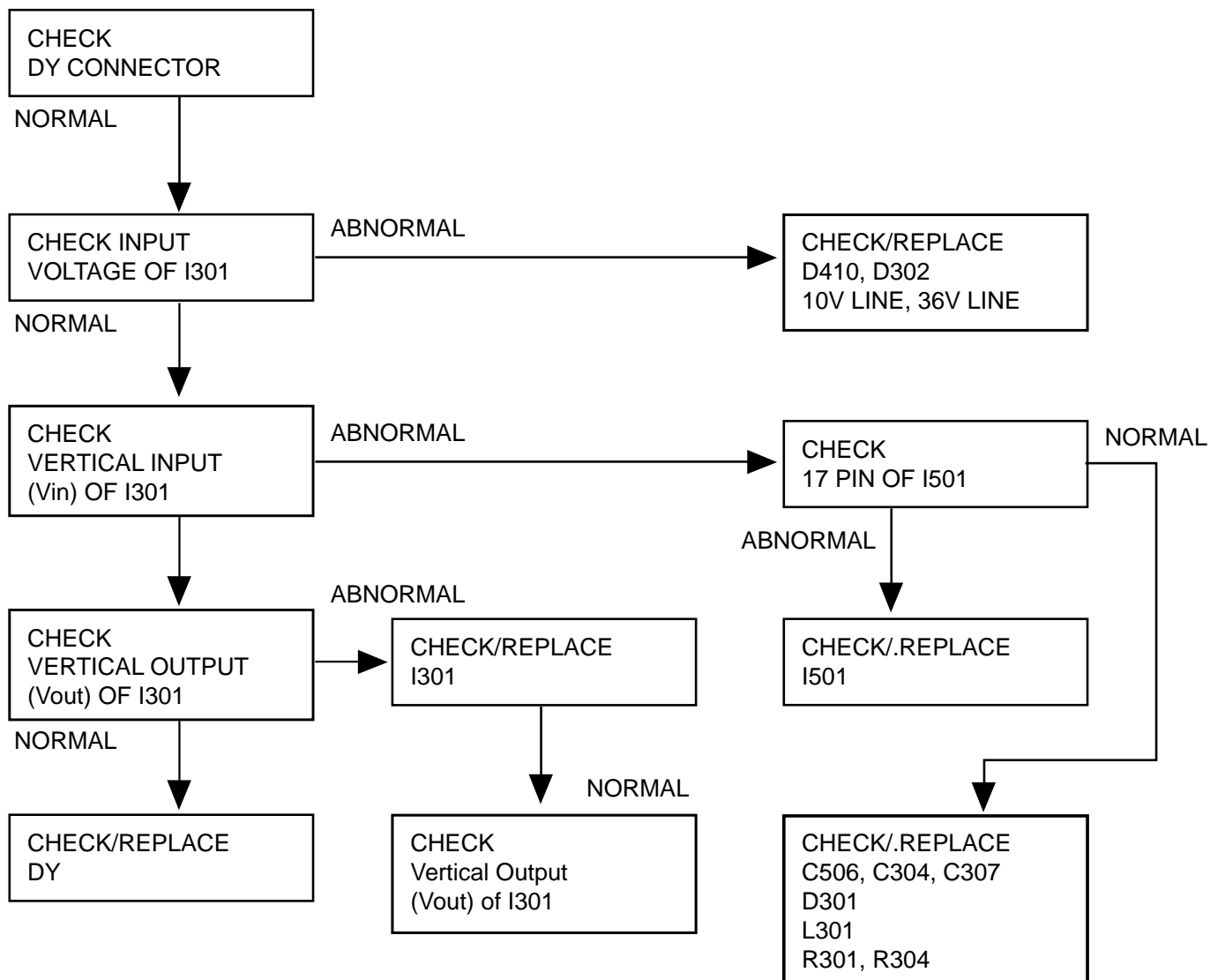
TROUBLE SHOOTING CHARTS

4. NO PICTURE



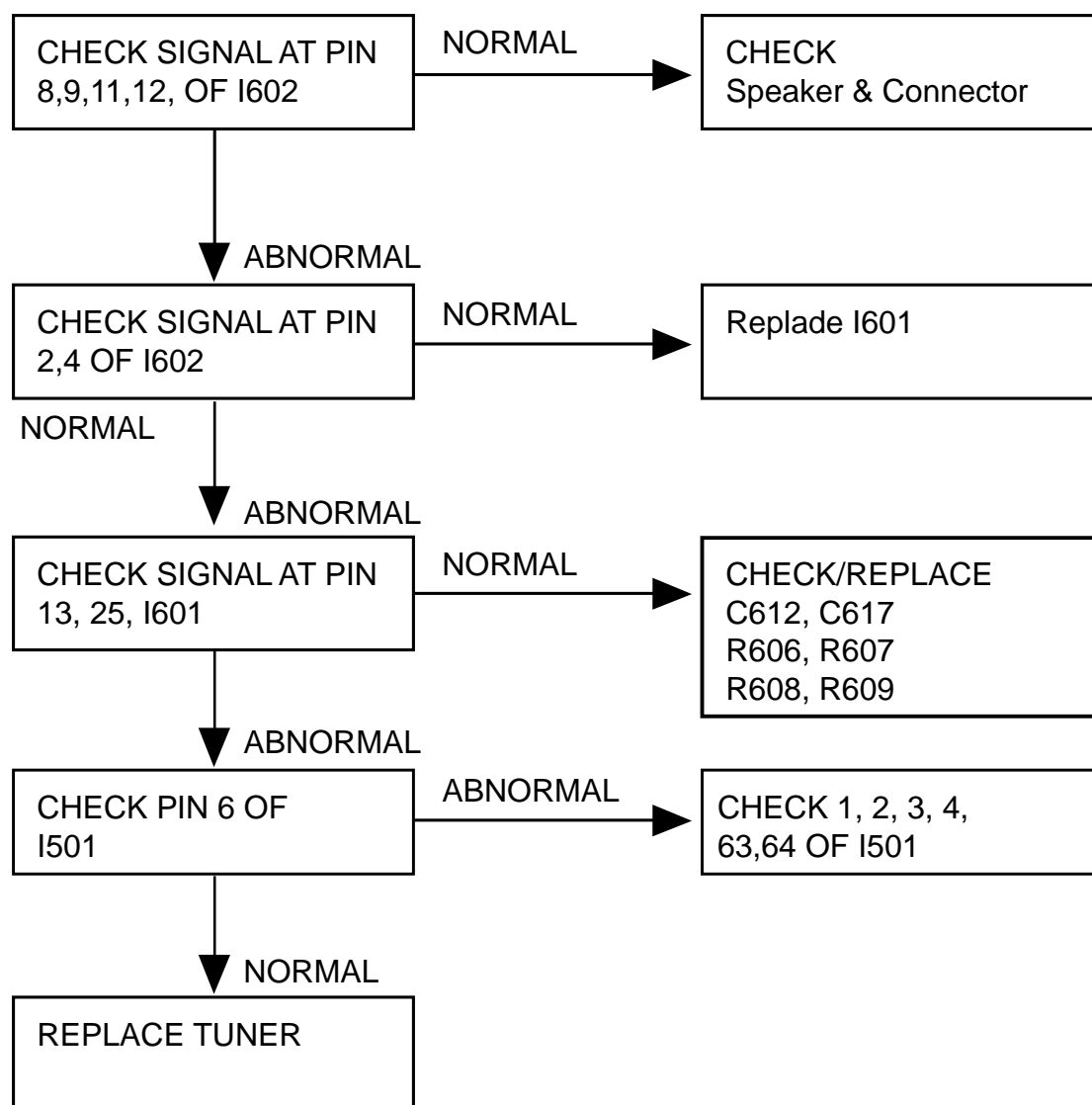
TROUBLE SHOOTING CHARTS

5. NO VERTICAL SCANNING(ONE HORIZONTAL LINE RASTER)



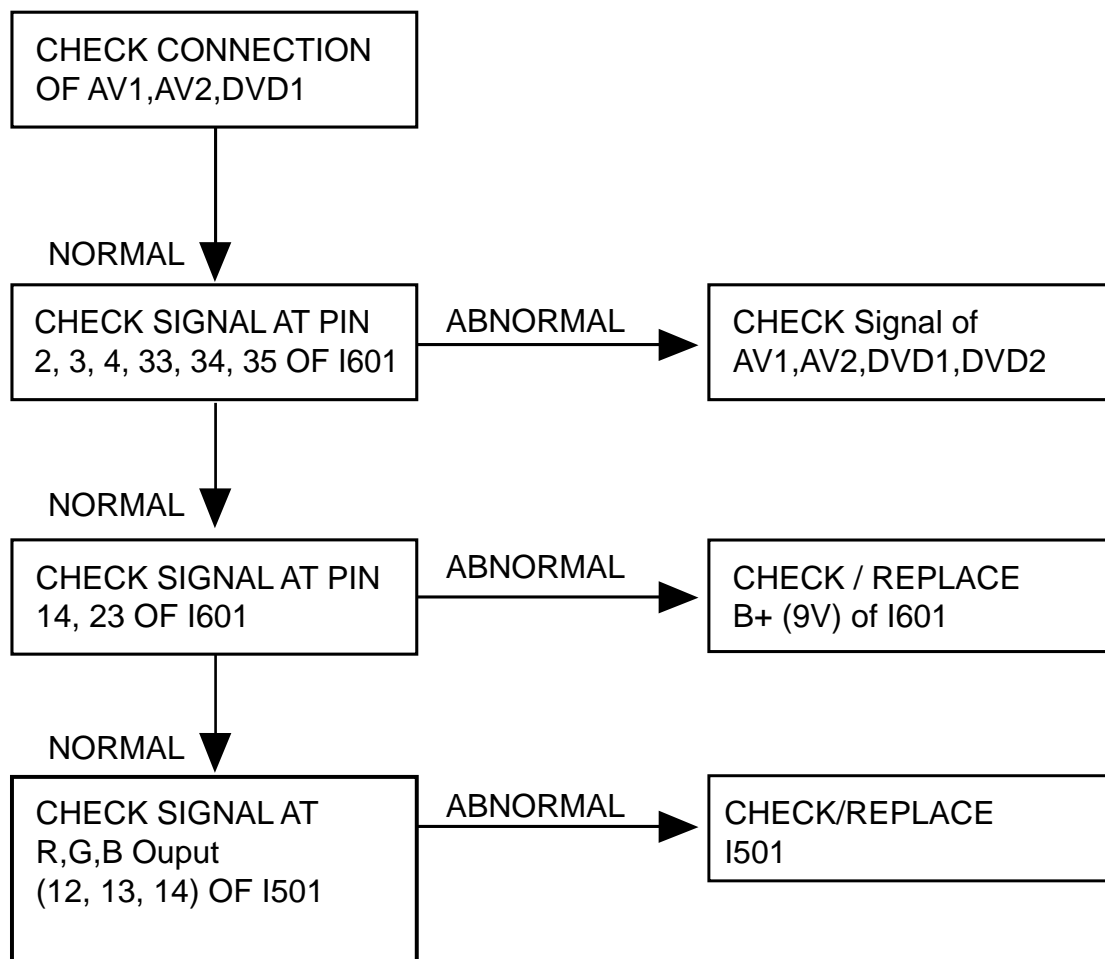
TROUBLE SHOOTING CHARTS

6. NO MAN SOUND(RF)



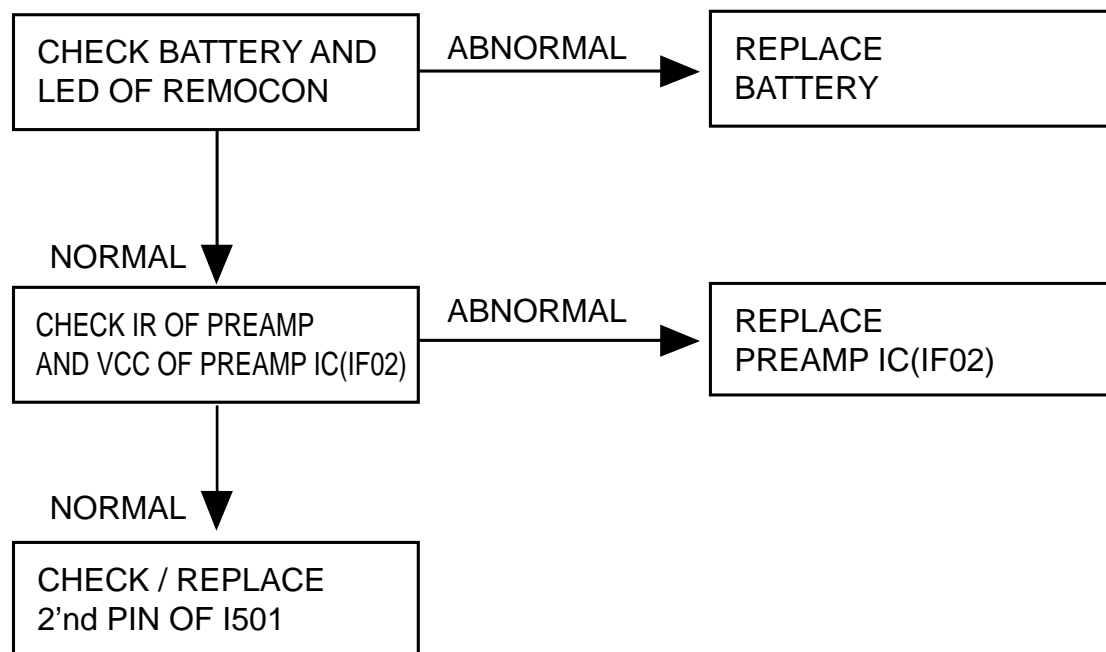
TROUBLE SHOOTING CHARTS

7. NO EXTERNAL AV(RF OK)



TROUBLE SHOOTING CHARTS

8. REMOTE CONTROL UNIT TROUBLE





DAEWOO ELECTRONICS CORP.

686, AHYEON-DONG, MAPO-GU,
SEOUL, KOREA.

C.P.O. BOX 8003 SEOUL KOREA

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