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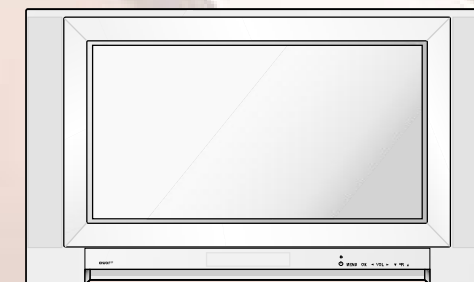
COLOR TV SERVICE MANUAL

CHASSIS : MC-035A

MODEL: Lafinion 82W

CAUTION

BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



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SAFETY PRECAUTIONS

IMPORTANT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These parts are identified by Δ in the Schematic Diagram and Replacement Parts List.

It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent X-RADIATION, Shock, Fire, or other Hazards.

Do not modify the original design without permission of manufacturer.

General Guidance

An **Isolation Transformer** should always be used during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks.

It will also protect the receiver and its components from being damaged by accidental shorts of the circuitry that may be inadvertently introduced during the service operation.

If any fuse (or Fusible Resistor) in this TV receiver is blown, replace it with the specified.

When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB.

Keep wires away from high voltage or high temperature parts.

Due to high vacuum and large surface area of picture tube, extreme care should be used in **handling the Picture Tube**. Do not lift the Picture tube by its Neck.

X-RAY Radiation

Warning:

The source of X-RAY RADIATION in this TV receiver is the High Voltage Section and the Picture Tube. For continued X-RAY RADIATION protection, the replacement tube must be the same type tube as specified in the Replacement Parts List.

To determine the presence of high voltage, use an accurate high impedance HV meter.

Adjust brightness, color, contrast controls to minimum. Measure the high voltage.

The meter reading should indicate

23.5 ; 15KV: 14-19 inch, 26 ; 15KV: 19-21 inch,

29.0 ; 15KV: 25-29 inch, 30.0 ; 15KV: 32 inch

If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.

Before returning the receiver to the customer,

always perform an **AC leakage current check** on the exposed metallic parts of the cabinet, such as antennas, terminals, etc., to be sure the set is safe to operate without damage of electrical shock.

Leakage Current Cold Check(Antenna Cold Check)

With the instrument AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on position, connect one lead of ohm-meter to the AC plug prongs tied together and touch other ohm-meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc.

If the exposed metallic part has a return path to the chassis, the measured resistance should be between $1M\Omega$ and $5.2M\Omega$.

When the exposed metal has no return path to the chassis the reading must be infinite.

An other abnormality exists that must be corrected before the receiver is returned to the customer.

Leakage Current Hot Check (See below Figure)

Plug the AC cord directly into the AC outlet.

Do not use a line Isolation Transformer during this check.

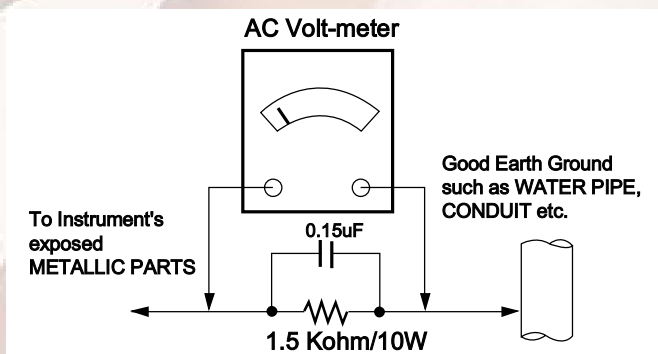
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.

Measure the AC voltage across the resistor using AC voltmeter with 1000 ohms/volt or more sensitivity.

Reverse plug the AC cord into the AC outlet and repeat AC voltage measurements for each exposed metallic part. Any voltage measured must not exceed 0.75 volt RMS which corresponds to 0.5mA.

In case any measurement is out of the limits specified, there is possibility of shock hazard and the set must be checked and repaired before it is returned to the customer.

Leakage Current Hot Check circuit



SPECIFICATIONS

Note : Specification and others are subject to change without notice for improvement.

• General Specification

No.	Item	Specification
1	Receiving Broadcasting Method	PAL/SECAM-B/G, D/K PAL I/I, SECAM L/L'(option) NTSC M(option)
2	AV Receiving System	NTSC M/PB, PAL BG, DK, I SECAM BG, DK
3	Receiving Channel	VHF: E2~E12 UHF: E21~E69 CATV: S1~S20 HYPER: S21~S41 L/L': B, C, D(option)
4	Input Voltage	AC 110-240V/50Hz, 60Hz(NON-EU) AC 230V/50Hz(EU)
5	Screen Size	FLAT 29" , WIDE 32"/28"
6	Tuning System	FVS 100 program/200PR.(w/o txt)

- Power requirement : AC110-240V, 50/60Hz(RT model)
AC230V, 50Hz (RZ model)
- Power consumption : Max 160W
- CPT : Flat CPT

• Feature and Function

No.	Item	Specification
1	Teletext	TOP, FLOF 2000 page(option)
2	REMOCON	LG code
3	AV input	4(Side or Front:1 Rear:3)
4	Component input	2(Rear:option)
5	PERI TV connector	Full SCART:1 (AV1:option)
6	RGB input	1(AV1:option)
7	2 Carrier Stereo	BG, DK
8	NICAM Stereo	BG, I, L(RZ model option)
9	2 Carrier Dual	BG, DK
10	NICAM Dual	BG, I, L(RZ model option)
11	SSC(Split Screen) Mode	O
12	Multi Picture Display Mode	O
13	Film Mode	O
14	Noise Reduction	O
15	Progressive Scan	O
16	Motion Detection	O
17	Swivel Speaker	O(option-29FB90)
18	Digital Eye	O

• External Interface Regulation

No.	Item	Min	Typ	Max	Unit	Remark
1	Video input level	0.85	1	1.15	Vpp	0.85
2	Video input frequency response	3.0			MHz	3.0
3	Video input S/N	40			dB	40
4	Audio input level	0.4	0.5	0.6	V	0.4
5	Audio input frequency response	0.1		7	kHz	0.1
6	Audio input S/N	43			dB	43
7	Audio input distortion			2	%	
8	Audio input dynamic range	2			V	2
9	Video output level	0.85	1	1.15	Vpp	0.85
10	Video output frequency response	3.8			MHz	3.8
11	Video output S/N	40			dB	40
12	Audio output level	0.4	0.5	0.6	V	0.4
13	Audio output frequency response	0.1		7	kHz	0.1
14	Audio output S/N	43			dB	43
15	Audio output distortion			2	%	
16	Video input level, R/G/B	0.6	0.7	0.8	Vpp	0.6
17	Video input level, Component(Y, P _B , P _R)	0.6	0.7	0.8	Vpp	0.6

CONTROL DESCRIPTIONS

All the functions can be controlled with the Communicator.
Some functions can also be adjusted with the buttons on the front panel of the set.

Communicator.

Before you use the Communicator, please install the batteries. See the next page.

1.SSM(Sound Status Memory)

recalls your preferred sound setting.

2. PSM(Picture Status Memory)

recalls your preferred picture setting.

3.ARC(Aspect ratio Control)

changes the picture format.

4.VCR BUTTONS

control a LG video cassette recorder.

5.DVD BUTTONS.

control a LG DVD.

6.PIP BUTTONS(option)

PIP

switches the sub picture on or off.

PR +/-

selects a programme for the sub picture.

SWAP

alternates between main and sub picture.

INPUT

selects the input mode for the sub picture.

SIZE

adjusts the sub picture size.

STILL

freezes motion of the sub picture.

POSITION

relocates the sub picture in clockwise direction.

SCAN

switches on or off the programme scan mode through 12 sub pictures.

7.RESET

initialize the adjusted value.

8.POWER

switches the set on from standby or off to standby.

9.NUMBER BUTTONS

switches the set on from standby or directly select a number.

10.MENU

selects a menu.

11.(Programme Up/Down)

selects a programme or a menu item.

switches the set on from standby.

(Volume Down/Up)

adjusts the volume.

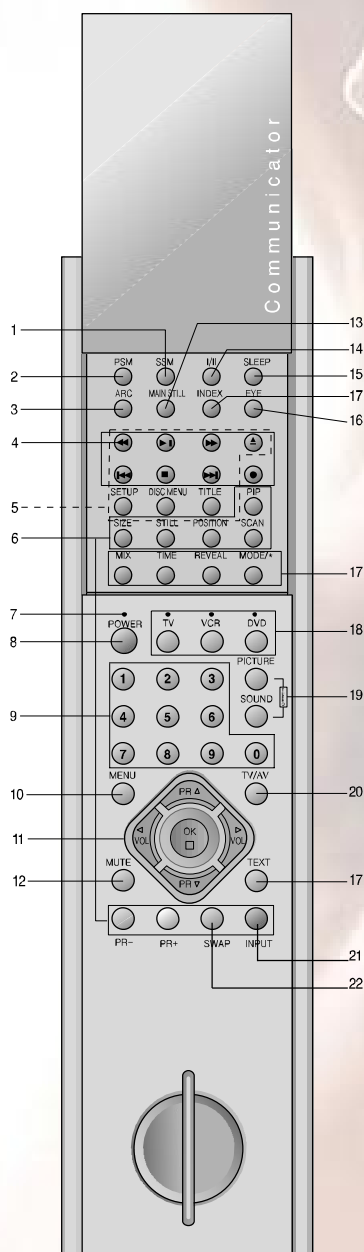
adjusts menu settings

OK

accepts your selection or display the current mode

12.MUTE

switches the sound on or off



13.MAIN STILL

freezes motion of the picture.

14. I/I

selects the language during dual language broadcast.
selects the sound output(option).

15.SLEEP

sets the sleep timer.

16.EYE/(option)

switches the eye function on or off.

17.TELETEXT BUTTONS(option)

These buttons are used for teletext.
For further details, see the 'Teletext' section.

18.TV/VCR/DVD BUTTONS

selects the connected external equipment.

19.TURBO PICTURE BUTTON

selects Turbo picture.

TURBO SOUND BUTTON

selects Turbo sound.

20.TV/AV

selects TV or AV mode.
switches the set on from standby.

21.LIST

displays the programme table.

22.SWAP

returns to the previously viewed programme.
selects a favourite programme.

COLOURED BUTTONS: These buttons are used for teletext (Only TELETEXT models) or programme edit.

Internal generator charge

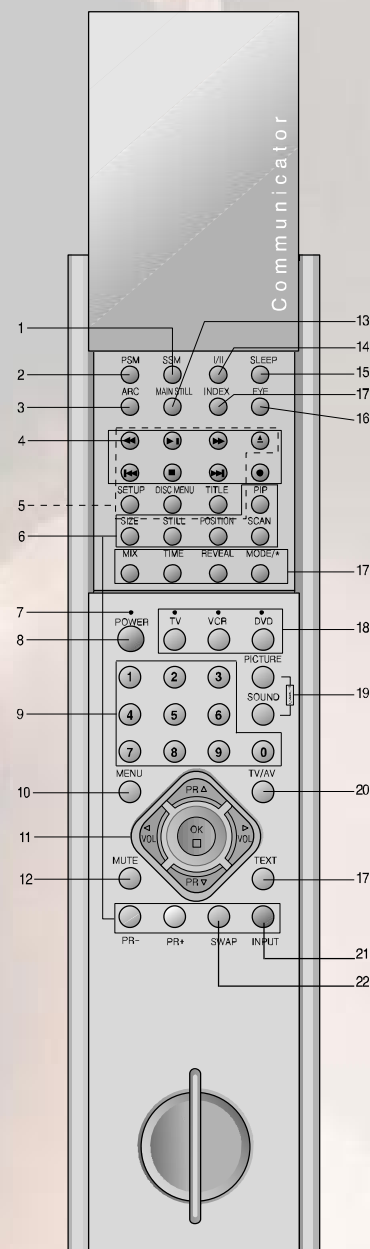
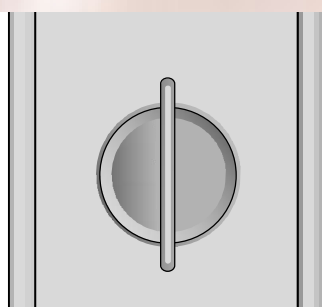
The communicator can be charged with the internal electric generator. To charge the communicator do the followings;

1. In first use,

20 rotation of the handle in the arrow direction as picture below -> waiting for one minute -> 20 rotation again -> waiting for one minute again -> 20 rotation again -> beginning to use

2.In usual use

5 or 6 rotation -> resuming to use



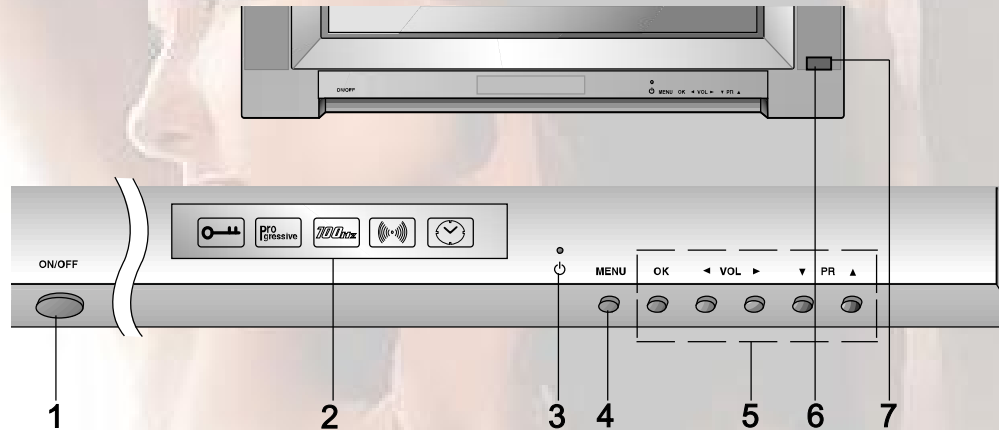
Note: Do not rotate the handle too rapidly for the protection of the communicator.

Front panel

Lafinion 82W/72/70W series



Side panel



1.MAIN POWER(ON/OFF)
switches the set on or off.

2. LED (Light Emittinf Diode)DISPLAY
illuminates brightly when the set is switched on.

3.POWER/STANDBY INDICATOR
illuminates brightly when the set is in standby mode.
dims when the set is switched on.

4.MENU
selects a menu.

5.OK
accepts your selection or displays the current mode.
◀/▶(Volume Down/Up)
adjusts the volume.
adjusts menu settings.

▲/▼(Programme Up/Down)
selects a programme or a menu item
switches the set on from standby.

6. COMMUNICATOR SENSOR

7. EYE(option)
adjusts picture according to the surrounding conditions.

8.HEADPHONE SOCKET
Connect the headphone plug to this socket.

9.AUDIO/VIDEO IN SOCKETS(AV4)
Connect the audio/video out sockets of external equipment to these sockets.
S-VIDEO/AUDIO IN SOCKETS (S-AV)
Connect the video out socket of an S-VIDEO VCR to the S-VIDEO socket.
Connect the audio out sockets of the S-VIDEO VCR to the audio sockets as in AV4.

ADJUSTMENT INSTRUCTIONS

1. Safety Precautions

1. It is safe to adjust after using insulating transformer between the power supply line and chassis input to prevent the risk of electric shock and protect the instrument.
2. Never disconnect leads while the TV receiver is on.
3. Don't short any portion of circuits while power is on.
4. The adjustment must be done by the correct appliances.
5. Unless otherwise noted, set the line voltage to $220\text{Vac} \pm 10\%$.
5. The adjustment of TV should be performed after warming up for 15 minutes.

2. DVCO Adjustment

- 1) This is for adjustment of VPC9407, crystal oscillator frequency after receiving a company Digital pattern. (PAL:EU05CH)
- 2) When entering adjustment mode by pressing IN-START key, DVCO adjustment is operating automatically. (T/X doesn't operating occasionally during DVCO adjustment.)

3. Focus Adjustment

3-1. Preparation for Adjustment

Tune the TV set to receive a digital pattern (PAL-B/G 05ch).

3-2. Adjustment Method

- 1) Adjust the lower Focus volume of FBT for the best focus of vertical line B.
- 2) Adjust the upper Focus volume of FBT for the best focus of area A.
- 3) Repeat above step 1) and 2) for the best overall focus.

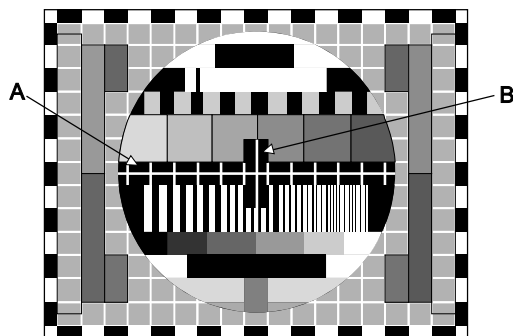


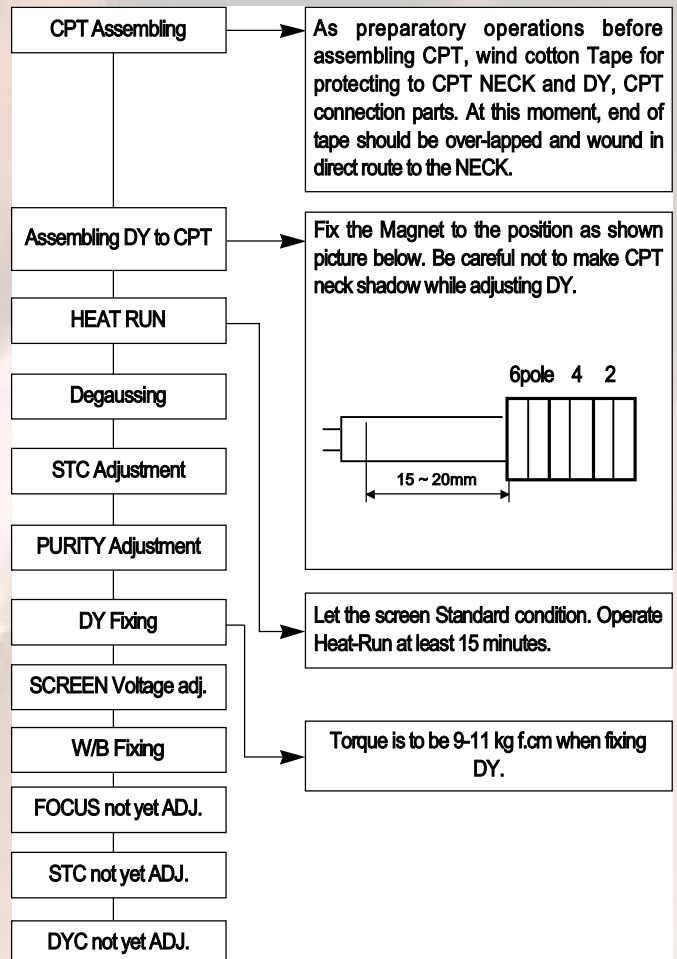
Fig. 1

4. Purity & convergence Adjustment

4-1. Preparation for Adjustment

Adjustment should be operated when using the CPT (without ITC from CPT manufacturing place)

*This adjustment must follow the sequence as shown picture below.



4-2. Purity Adjustment

- 1) Degauss the CPT and CABINET enough.
- 2) Receive red RASTER signal. (PG50ch)
- 3) Remove fixing screw of DY and stick DY to opening part (CPT FUNNEL part)
- 4) Make crossing adjustment to the Magnet of CPT and make the R-land is placed on center correctly. At this moment, 4 pole and 6 pole magnet should be at the position of no magnetic field.
- 5) Move DY and make whole screen to be equal red, and fix the DY with fixing SCREW after checking color pollution in each single color and white RASTER of green/blue/red. (At this time, be careful about inclination and DY should be fixed keeping horizontality.)
- 6) Check the receiver in direction of East, West, South, North. Adjust with supporting MAGNET when adjustment is not operated.

4-3. Convergence Adjustment

This adjustment should be operated at the best condition of FOCUS after finishing the PURITY adjustment.

- 1) BACK RASTER receives black CROSS HATCH signal.
- 2) Adjust Brightness so that there are 9-12 dots.
- 3) Widen two tabs of 4pole Magnet with equal angles and accord red, blue vertical lines at the center of screen.
- 4) With keeping angle of "c. clause", rotate tab and accord red/blue, green vertical lines at the center of screen.
- 5) Widen two tabs of 6pole Magnet with equal angles and accord red, blue vertical lines at the center of screen.
- 6) With keeping angle of "e. clause", repeat the adjustment from c to e keeping in mind the movement of red, blue, green when the horizontal lines are twisted.
- 7) Move DY up, down, left, right and make the convergence to be optimal condition and stick rubber wedge to CPT so that the DY not to move.

6. Screen voltage Adjustment

6-1. Preparation for Adjustment

- 1) Connect power to TV Set and let POWER ON condition.
- 2) Operate screen more than 15 minutes before adjustment.

6-2. Adjustment Method

- 1) Adjust in no RF signal condition.
- 2) Press ADJ KEY on the R/C for adjustment and make horizontal line.
Turn the Screen Volume so that horizontal line not to be shown and then change oppositely to finish the adjustment at the showing place.

7. White balance Adjustment

7-1. Preparation for Adjustment

- 1) This adjustment should be performed after screen voltage adjustment.
- 2) Tune the TV set to receive an 100% white pattern.

7-2. Adjustment Method

- 1) Enter the adjust mode by pressing the IN-START button.
- 2) Press Channel UP/DOWN button for desirous function Adjustment.
- 3) Press Volume UP/DOWN button to adjust the data.
- 4) Adjustment Sequence
 - a- Change the "CONTRAST", "BRIGHT" and adjust to be 3.5 Ft_L.
 - b- Adjust "Y" value of High Light with GD(G-Drive) and adjust "X" value with BD(B-Drive) and make color coordinates of High Light which is specified in "___clause".
 - c- Change the "CONTRAST", "BRIGHT" and adjust to be 4.5 Ft_L.
 - d- Adjust "Y" value of Low Light with GC(G-Cutoff) and adjust "X" value with BC(B-Cutoff) and make color coordinates of Low Light which is specified in "___clause".
 - e- Repeat the adjustment from 'a' to 'd' until the High, Low color coordinates of "___clause" is satisfied.
 - f- Check the adjusted color coordinates with white balance meter.

Color Tem.	X	Y	Memo
13000K	266±8	273±8	NON EU
9000K	288±8	295±8	EU

Menu	LG 32" WIDE		MENO
RC	001F		Low Light Adj
GC	0019		Low Light Adj
BC	001F		Low Light Adj
RD	001F		High Light Adj
GD	0019		High Light Adj
BD	001F		High Light Adj

8. Deflection Data Adjustment

8-1. Preparation for Adjustment

- 1) Deflection Data Adjustment should be performed with the remote controller for handset.
- 2) Enter the Adjustment mode by pressing the INSTANT button.
- 3) Select the DEFLECT to deflection Data Adjustment.
- 4) Press the Channel UP/DOWN button to select adjustment items.
- 5) Press the Volume UP/DOWN button to adjust the data.
- 6) The TV set receives PAL-B/G Digital pattern.

NOTE : If production line doesn't the production line of LG TV, receive available deflection adjustment pattern.

VL (Vertical Linearity)

Adjust so that the boundary line between upper and lower half is in accord with geometric horizontal center of the CPT.

VA (Vertical Amplitude)

Adjust upper and lower part of circle from the effective screen of the CPT. to be distance of 6~7mm.

SC (Vertical "S" Correction)

Adjust so that all distance between each horizontal lines are to be the same.

VS--(Vertical Shift)

Adjust so that the horizontal center line of a digital circle pattern is in accord with geometric horizontal center of the CPT.

HS (Horizontal Shift)

Adjust so that the vertical center line of a digital circle pattern is in accord with geometric vertical center of the CPT.

EW (Horizontal Width)

Adjust to that a digital circle pattern looks like exact circle.

EP (East-West Parabola)

Adjust so that middle portion of the outermost left and right vertical line looks like parallel with vertical lines of the CPT.

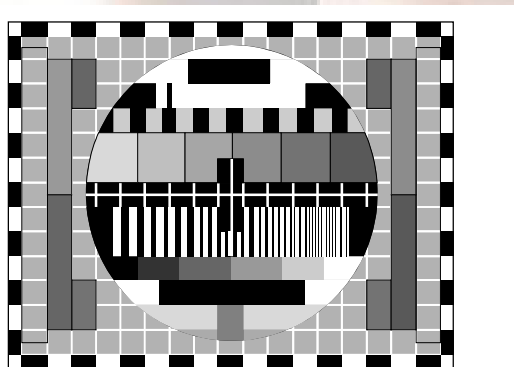


Fig. 2 <50HZ>

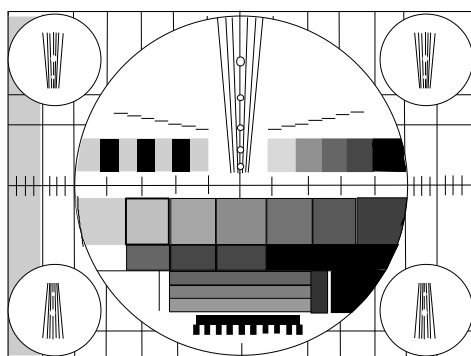


Fig. 2<60HZ>

EPP(East-West Pin Phase)

Adjust so that horizontal width of the uppermost part and horizontal width of the lowermost part of received screen are to be the same.

UC(Upper Coner Correction)

Adjust so that coner vertical line of upper-left and upper-right to be straight line after finishing EP adjustment.

LC(Lower Coner Correction)

Adjust so that coner vertical line of lower-left and lower-right to be straight line after finishing EP adjustment.

A-BOW(AFC Bow)

In line adjustment, not to change default value is basic.

A-ANG(AFC Angle)

In angle adjustment, adjust until inclination of left and right screen should be precise.

V-SCR(V-Scroll)

Only adjust when V SHIFT is impossible.

Menu	Range	PAL 100HZ	NTSC 60HZ	480P	1080I	VGA
VS	0 ~ 3F	1E	18	17	11	1D
VA	0 ~ 3F	1E	1F	1E	23	2B
HS	0 ~ 3F	1C	29	14	25	10
EW	0 ~ 3F	1D	1D	1F	2A	1C
EP	0 ~ 3F	A	C	B	E	7
EPP	0 ~ 3F	1E	1D	1B	14	22
A-ANG	0 ~ 3F	1F	1F	1D	1D	21
A-BOW	0 ~ 3F	1E	20	1E	1E	1E
UC	0 ~ 3F	1F	21	20	20	1C
LC	0 ~ 3F	1F	22	20	1F	15
U-VL	0 ~ 0F	02	2	2	2	2
L-VL	0 ~ 0F	06	7	7	7	6
VL	0 ~ 0F	05	5	5	5	5
SC	0 ~ 0F	05	4	4	4	4
V-SCR	0 ~ 3F	21	21	21	21	21

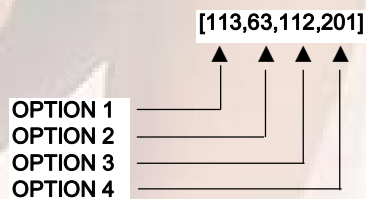
* Adjust in PAL100Hz and PAL50Hz, NTSC60Hz, 480P, 1080I, VGA Mode don't need to be adjusted because they are changed into correction about adjustment value of PAL 100Hz.

* But, If the inclination adjustment is not correct when checking NTSC60Hz, 480P, 1080I, VGA Mode after finishing adjustment in PAL100Hz, adjust each Mode again.

9. OPTION Adjustment

9-1. Preparation for Adjustment

- 1) This option adjustment decides funtion in accordance with model.
Press the SVC TX adjustment button(IN-START button) at SVC mode,then adjust the option at OPTION 1,2,3,4 mode.
- 2) Mark the option adjustment data like [111,11,111,11] in BOM.



● Mark of BOM

LEVEL	PART NO.	SPECIFICATION	DESCRIPTION	JOB EXP.
1.	3141VMN382A	MAIN	CHASSIS ASSY	[113,63,112,201]

The OPTION 1 data is 113,OPTION 2 data is 63,the oOPTION 3 data is 112,the OPTION 4 data is 201 in this model.

9-2. Adjustment Method

- 1) Input data directly by the buttons corresponded with OPTION1 ??(0~255), OPTION2 ??(0~255), OPTION3 ???(0~250).
- 2) Option4??? (0~116) controls corresponding lines directly relate with OSD and TXT LANG.
- 3) Select each OPTION function by the CH Up/Down button and then set up each OPTION by the VOL Up/Down button.

Table 1. OPTION 1 Function

Option	Code	Function	Remark
200 PR	0	100 PROGRAM SAVE	
	1	200 PROGRAM SAVE NICAM	
TSEAR	0	Without Turbo Search function	WL/CL
	1	With Turbo Search function	CT/CE/WT/WE
I/II SV	0	NO SAVE DUAL/SOUND Condition	EU(WE/WL/CE/CL
	1	SAVE DUAL SOUND Condition	NON-EU(WT/CT)
TOP	0	FLOP TEXT	Without TOP TEXT
	1	TOP TEXT	
EYE	0	Without EYE	
	1	With EYE	
A2 ST	0	NICAM	
	1	NICAM&FM STEREO/DUAL	
SYS	0	B/G,I.D/K	
	1	B/G	
	2	B/G,I.D/K,M	
	3	RESERVED	

Table 2. OPTION 2 CODE Data

Option	Code	Function	Remark
ACMS	0	Without ACMS function	
	1	With ACMS function	
VOL	0	NORMAL VOLUME CURVE	
	1	RUSHED VOLUME CURVE	
H-PHON	0	Without HEADPHONE	
	1	With HEADPHONE	
DVD	0	Without DVD INPUT	
	1	With DVD INPUT	
SAV3	0	AV3 Y&C	
	1		
WOOF	0	Without WOOFER	
	1	With WOOFER	
VGA	0	Without VGA	
	1	With VGA	
AV SV	0		
	1		

Table 3. OPTION 3 Function

Option	Code	Function	Remark
WIDE	0	4 : 3 TV	
	1	16 : 9 TV	
CH+AU	0	Without D/K CHINA or BB sys.	
	1	With D/K CHINA or BB sys.	
HDEV	0	NO SAVE DUAL/SOUND Condition	HIGH DEVIATION
	1	SAVE DUAL SOUND Condition	
TEXT	0	WITHOUT TEXT	
	1	WITH TEXT	
DOLBY	0	WITHOUT DOLBY	
	1	WITH DOLBY	

MSP3411 Pre-scaler setting value

ITEM	DESCRIPTION	When B/G,I D/K,L apply to SCART
FP	FM Pre-scaler	001B
NP	Nicam Pre-scaler	0079
SP	Scart Pre-scaler	0017
S1 vol	Scart1 Pre-scaler	0052
S2 vol	Scart2 Pre-scaler	0052

MSP3411G B8 version DBS setting value

ITEM	DESCRIPTION	Woofer	W/O woofer
M-STR	EFFECT STRENGTH	002D	007F
M-HMC	HARMONIC CONTENT	0019	0000
M-HP	HIGH PASS CENTER FREQUENCY	0005	0002
M-LP	LOW PASS CENTER FREQUENCY	0005	001E
M-LIM	AMPLITUDE LIMIT	00FC	00FF
DBSWF	Woofer Response(effect)	Don't care	001E

Table 4. OPTION 4 Funtion

OPTION	CODE	Language	Funciton
LANG	0	E Only	
	1	English+EU 5	
	2	English+Other EU	
	3	FARSI	
	4	ARAB URDU	
	5	E + HINDI	
	6	E + I + M + V	
	7	E + THAI	
	8	E + CHINA	
T LAN	0	West Europe	
	1	East Europe	
	2	Turkey EU1	
	3	EAST EU2	
	4	Cyrillic 1	
	5	Cyrillic 2	
	6	Cyrillic 3	
	7	Turkey/Greek 1	
	8	Turkey/Greek 2	
	9	Turkey/Greek 3	
	10	Arab/France	
	11	Arab/English	
	12	Arab/Hebrew 1	
	13	Arab/Hebrew 2	
	14	Farsi/English	
	15	Farsi/France	
	16	Farsi all	

Table 5. SERVICE MODE BASIC DATA

ITEM	ITEM	RZ-32FZ40RB	REMARK
2150	D-COL	2	Dynamic Color
	GAMMA	0	GAMMA-L
	COLAX	2	Color Axis
	CTILE	1	CTI LEVEL
	LTILE	2	LTI LEVEL
	GAMMA	1	RGB out GAMMA
	ABLMO	2	ABL Mode
	ABLTH	5	ABL Threshold
	VM0LE	1	VM LEVEL
	PREOV	2	PRE/OVER Shoot
	DPIC	3	Dynamic Picture
	DC-TR	2	DC Transmission
	S-CON	6	Sub-Contrast
	P-ABL	9	PEAK-ABL
	SHPF0	0	Sharpness f0
	CB-0F	1F	Cb Offset
	CR-0F	1F	CR Offset
	C-OFF	7	
	UP-BL	0	UP_VBLK
	LO-BL	0	LO-VBLK
	LRGB2	A	LRGB P_LEVEL
	VCOMP	4	V Compensation
	HCOMP	6	H Compensation
	PLMTL	0	PLIMIT_Level
	BLKBO	0	BLK_Bottom
	AGN-B	0	Black AGING
	AGN-A	0	White AGING
	AKBTM	E	AKB Timing
	EW-DC	0	EW_DRIVE
	S-ABL	3	S_ABL gain
	CTIOM	0	CTI-Mode
	LTI-M	0	LTI-mode
	SYSTEM	1	SYSTEM
	ASPSW	0	ASPECT S/W
	CDOFF	0	SHP_CD ON/OFF
	CHPCD	2	Sharpness Gain
	CHPF1	2	High F0
	SYNCP	0	SYNC-PHASE
	JMP SW	0	JUMP S/W
	CLP-S	0	CLAMP SHIFT
	CLP-P	0	CLAMP PHASE
	CLP-G	0	CLAMP GATE
	VM-CO	2	VM coring level
	VM-FO	2	VM f0 setting
	VM-LM	1	VM limit level

ITEM	ITEM	RZ-32FZ40RB	REMARK
2150	VM-DL	3	VM phase ctrl
	BLK-0	0	Blanking on/off
	AKBOF	0	AKB ON/OFF
	VSAWO	0	VSAWO Waveform
	UP-UP	0	EW_DRV TOP COMP
	LO-UP	0	EW_DRV BOT COMP
	UP-UG	0	EW_DRV TOP Gain
	LO-UG	0	EW_DRV BOT Gain
	VASP	2F	V_ASPECT
	UC-PO	0	Hor Pority
	AFC-M	2	AFC_MODE
	RSTSW	0	Retrace start
	HB-SW	1	HBLK width
2151	INPUT	0	INPUT_SEL
	MAT-O	0	MATRIX OUT
	VFREQ	0	V FREQUENCY
	SELS1	0	SELECT S1
	SELS2	1	SELECT S2
	FIX-S	0	FIX SYNC
	V-TC	0	V Time constant
	H-WID	0	H_WIDTH
	HSEPS	0	HSEP_SEL
	HD-TC	0	HD TV T/C
	HYSW	0	YG_OUT S/W
	HS-MA	0	HS_MASK
	MACRO	0	MACROVISION
	SEL DU	0	Dummy sync SEL
	CLK-S	0	CLOCK SEL
	G-SEL	1	GAIN SEL
	CBGAI	0	SEL CB_OUT Gain
	CRGAI	0	SEL VR_OUT Gain
	YGAIN	0	SELY_OUT Gain
	HFREQ	1	H FREQUENCY
ETC.	S-BRI	D	SUB-BRIGHT
	AGC-L	92	AGC-LEVEL

IIC DATA SETTING

Model IIC

OFFSET DATA

IIC WRITE

SUB ADD

START BIT

STOP BIT

EEPROM

SUB ADD

(B AMP)

(B CUT)

(G AMP)

(G CUT)

SUB BRIGHT

1	2	0	3	
8	C	7	B	
7	7	7	7	
2	2	2	2	
0	0	0	0	
39	3D	38	3C	

DATA SAVE

ADDR DATA

SLAVE ADDRESS(WRITE)

IC

86

EEPROM

A0

SUB BRIGHT CONTOR DATA

CA 100

4

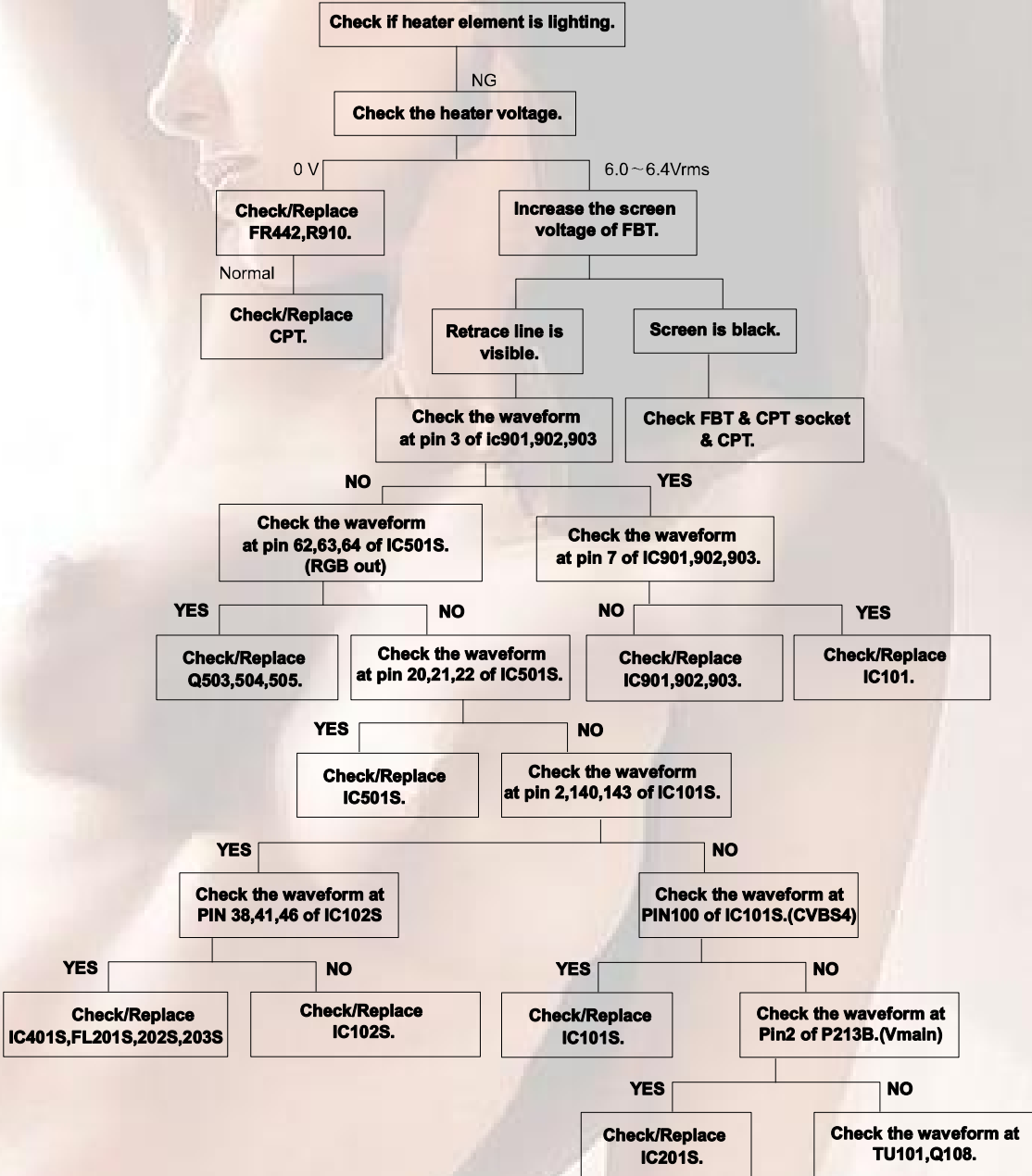
PATTEN

40

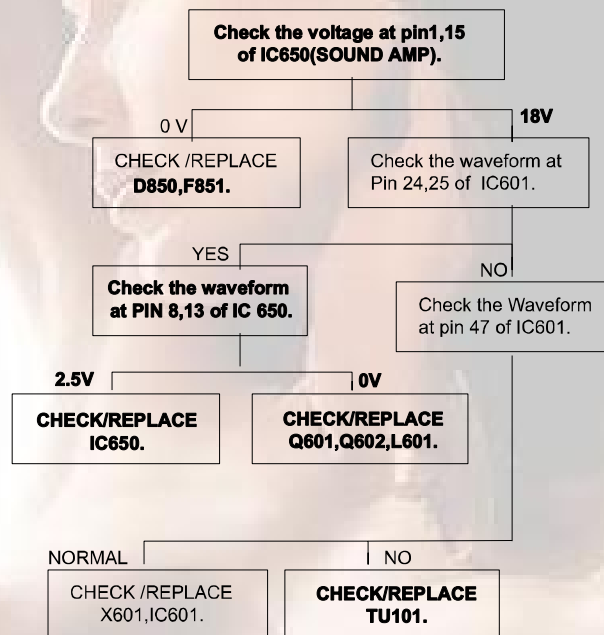
SPEED

2

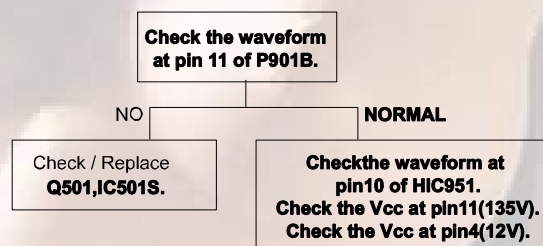
NO RASTER & PICTURE (H-OUT OK)



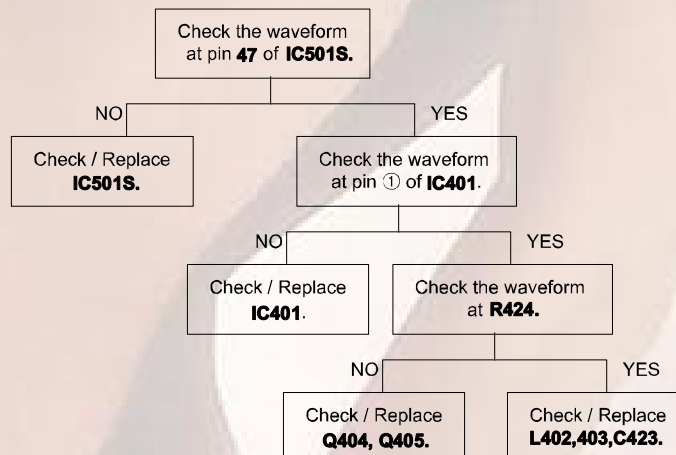
NO SOUND(PICTURE OK)



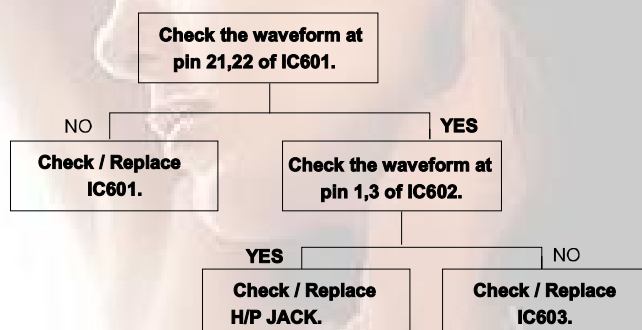
VM DON T WORKING



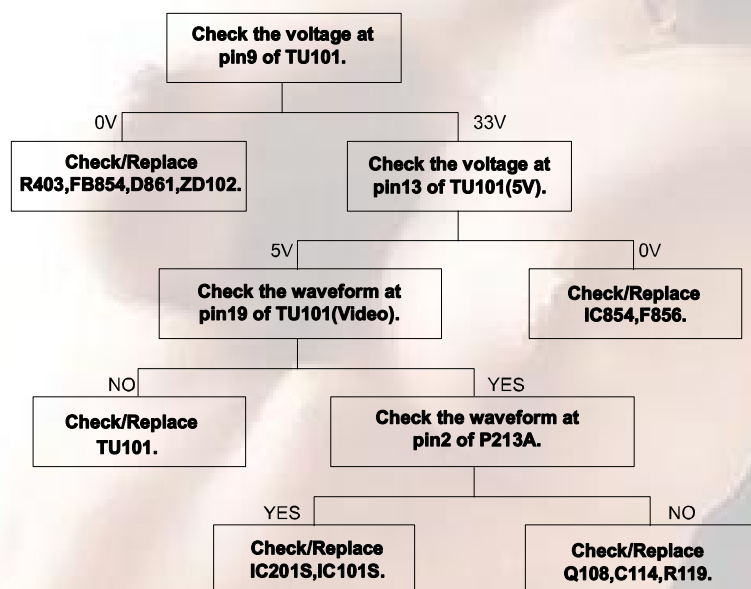
PIN CUSHION DISTORTION



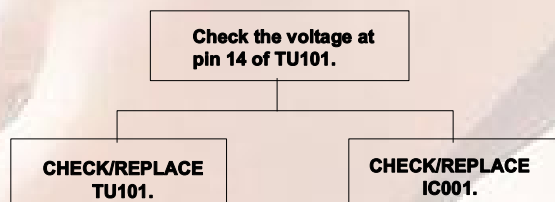
NO SOUND FROM H/P jack(OPTION)
(but Main Sound OK)



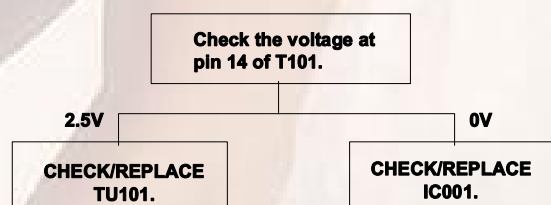
DON'T CATCH CHANNEL(MAIN)



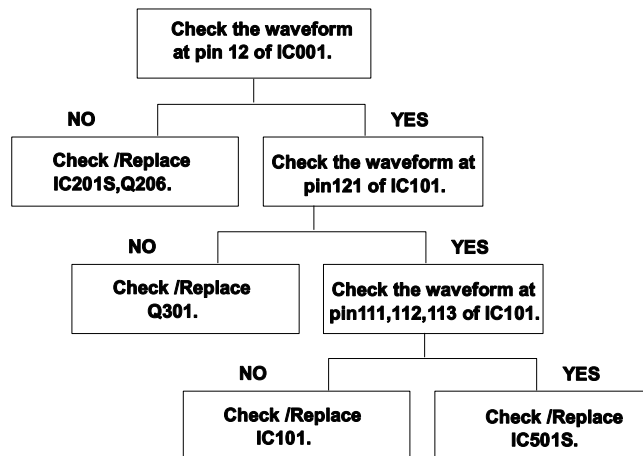
DON T CATCH NTSC-M (OPTION)



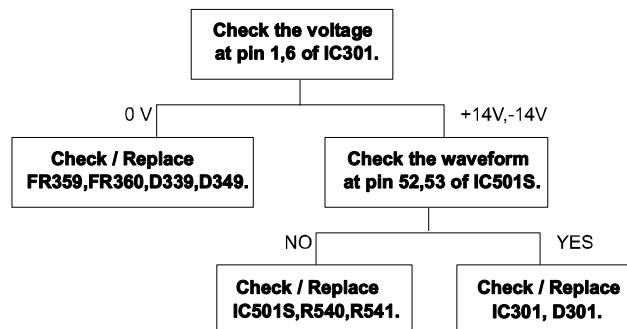
DON T CATCH SECAM-L (OPTION)



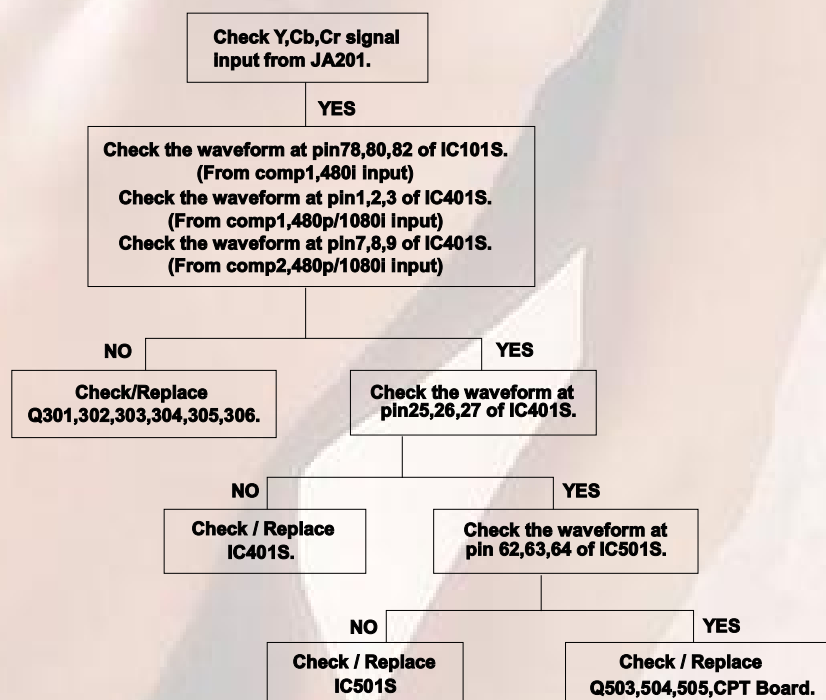
NO TELETEXT



NO VERTICAL DEFLECTION



NO DVD/COMPONENT PICTURE(OPTION)



MAIN



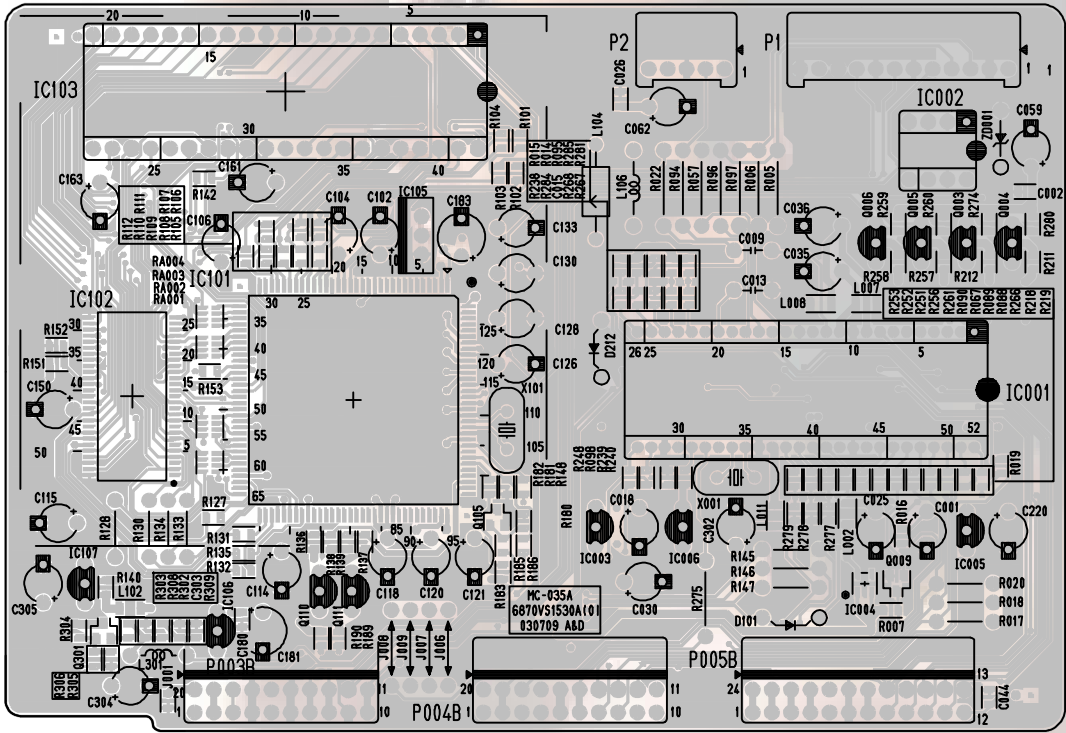
COMPONENT LOCATION GUIDE(MAIN)

C101.....A2	C332D4	C622C5	C855D1	E7E2	G9.....F2	G66E4	IC803.....E3	J141B4	J627A1
C102.....A2	C333D4	C623C5	C856C1	E8E2	G10G2	G67E4	IC851D1	J144B3	J629A1
C103.....A2	C338.....E4	C624C4	C857C2	E9E2	G11E1	G68E4	IC853C2	J151B1	J635B2
C104.....A2	C339.....F4	C625C5	C858.....B2	E10.....F5	G12E1	G69E4	IC855.....B1	J152B1	J637B4
C105.....A4	C340.....E5	C626C5	C859D2	E11G3	G13E1	G70E4	IC856D3	J153B1	J640A1
C106.....A5	C348.....E4	C627C5	C860.....B1	E12G3	G14E1	G71E5	J10D2	J154B1	J641A1
C108.....A3	C350.....F4	C628C5	C861C1	E13G4	G15.....F2	G72E5	J11B2	J201C5	J642A1
C109.....A3	C401.....E4	C629C5	C862D1	E14G4	G16.....F2	G73D4	J12B2	J202D5	J643A3
C111.....A3	C402D4	C630C5	C863D2	E15G4	G17G2	G74D5	J13B2	J204D5	J644B4
C114.....A4	C403G3	C631C4	C865C2	E16F4	G18.....F2	G75C5	J14B2	J213C5	J655A2
C117.....A5	C404G3	C632.....B4	C866.....E3	E17.....E5	G19.....F2	G76D5	J15B3	J223C5	J801D1
C121.....A5	C405G4	C633.....B5	C867.....E3	E18.....F5	G20E1	G77.....F3	J16B3	J224C5	J802B2
C122.....A5	C406.....F3	C634.....B5	C868D3	E19G5	G21C3	G78E3	J17B3	J273E4	J803D3
C123.....A5	C408.....F4	C635.....B5	C869C3	E20.....F5	G22D3	G79D2	J18B3	J274B1	J804B2
C124.....A5	C409.....F3	C636.....B5	C870C2	E21.....F4	G23D3	G80D2	J19B3	J311E4	J805C2
C125.....A3	C411.....F3	C637.....B4	C871D3	E22.....E4	G24D3	G81D2	J20B2	J312E4	J807C2
C126.....B2	C413.....F3	C638.....B4	C872.....E3	E23.....E4	G25E3	G82D2	J21C1	J313D4	J808C2
C127.....A4	C414.....E3	C639.....B4	C873D3	E24.....C4	G26D3	G83D2	J22B2	J314D4	J809B2
C129.....A5	C415.....E3	C640.....B4	C875.....B2	E25.....C4	G27D3	G84D2	J23C2	J315E4	J810C1
C151.....B1	C416C4	C641.....B4	D151.....B1	E29G4	G28D3	G85D2	J24A1	J316E4	J811.....F2
C152.....B1	C417C4	C642.....B4	D190C3	E31.....F5	G29D3	G86D2	J25B1	J317D4	J812.....F2
C153.....A1	C418C3	C643C4	D301D4	E36G5	G30E3	G87D2	J26B2	J318D4	J813G2
C154.....A1	C419C4	C644C4	D339.....F4	E37.....F3	G31E3	G88D2	J30B2	J319D3	J814.....F2
C155.....B1	C420D4	C645C4	D349.....F4	E38.....F3	G32E3	G89D2	J68A3	J320B3	J815G2
C190C3	C421.....E5	C646.....B4	D402G3	F851.....D2	G33E3	G90D2	J101C2	J322D5	J816G2
C191C2	C423D3	C648.....B4	D403D5	F853.....D2	G34.....F3	G91D2	J102A4	J401D4	J817.....F2
C192C3	C426.....E5	C649C4	D405D5	F855.....D2	G35.....F3	G92D2	J105A5	J402D5	J818C2
C193C2	C428D5	C662.....B5	D410F3	F856.....D2	G36.....F3	G93D2	J110A5	J404D5	J819C2
C194C2	C436D5	C663.....B5	D413.....E5	FB204 ..D5	G37.....F3	G94D2	J111B3	J405D5	J820C1
C200.....B5	C437.....E5	C680C4	D414F4	FB301.....E4	G38.....F3	G95D2	J113A2	J407B3	J821D2
C201.....B5	C438D5	C681C4	D425D3	FB302.....E4	G39.....F3	G96D2	J114C3	J601B3	J822D1
C202C5	C439.....F4	C682C4	D802.....E2	FB401.....F4	G40.....F3	G98.....F1	J116A4	J602C4	J823D3
C203D5	C446.....E4	C801D1	D803.....E2	FB402.....F4	G41.....F4	G99D3	J118A4	J603B3	J824.....F3
C204D5	C447.....E5	C803.....E2	D804.....E2	FB802.....F2	G42.....F3	G100.....F2	J119A2	J604B3	J825D3
C206.....A5	C601.....B4	C806.....F2	D850D2	FB804.....F1	G43.....F4	G101.....F2	J120A2	J605B3	J826C2
C207C5	C602.....B4	C807.....E2	D851D1	FB805.....F2	G46.....G3	G102.....C1	J121A3	J606B3	J827B2
C208C5	C603.....B4	C808G2	D852D1	FB852 ..D2	G47G4	G103.....C1	J122A3	J607C5	J828G1
C212D5	C604.....B4	C809G2	D853D1	FB853 ..D2	G48B4	G104C2	J123A4	J608B4	J829B3
C213D5	C605C4	C810F3	D854D1	FB854 ..D3	G50.....F3	G105C2	J124A5	J610B4	J830G2
C214C5	C606C5	C811G3	D855D1	FB855 ..D2	G51.....F3	G106G3	J125A4	J611B4	J831D3
C215D5	C607.....B5	C812.....E1	D856D1	FB856 ..D2	G52.....G3	G107E1	J126A2	J612B4	J832D3
C216D5	C608.....B4	C813.....F2	D857C1	FR359.....F4	G53.....G3	G108.....F1	J127A2	J613B4	J833C3
C220.....B5	C609.....A2	C814.....F1	D858C1	FR360.....F4	G54.....G3	G109D1	J128A5	J614B4	J834G1
C221D5	C610.....B5	C815.....E2	D859D1	FR442 ..D5	G55.....G3	G110D1	J129A2	J615A5	J835G2
C222C4	C611C5	C816G1	D860D1	FR443.....F4	G56.....G4	G111B1	J130A2	J616B3	J836G2
C257C5	C612.....B5	C817.....B2	D861.....E3	FR448.....F5	G57G4	G112B1	J131A3	J617B4	J837G2
C306C4	C613C4	C818.....B2	D866.....B3	G1G1	G58.....G4	IC151.....B1	J132A3	J619B3	J838G2
C307C4	C614C4	C821.....F2	DB814F2	G2G1	G59E5	IC190C2	J133A5	J620A3	J839.....F1
C308.....E4	C615C4	C824G1	E1G1	G3F1	G60E5	IC301.....E4	J134B3	J621A3	J840.....F1
C310D4	C617C3	C850.....E1	E2G1	G4G1	G61E5	IC401C4	J135A2	J622B1	J841.....F1
C312D4	C618C5	C851D1	E3G3	G5F1	G62E5	IC601C4	J136A2	J623A3	J842C1
C313.....F4	C619C5	C852D1	E4G3	G6G1	G63E5	IC603C4	J137B4	J624A2	J843C1
C316D5	C620C5	C853D1	E5F2	G7F1	G64E5	IC801G2	J138A4	J625A1	J844C2
C324D4	C621C5	C854D1	E6F2	G8F1	G65E4	IC802.....F3	J139A2	J626A1	J845B1

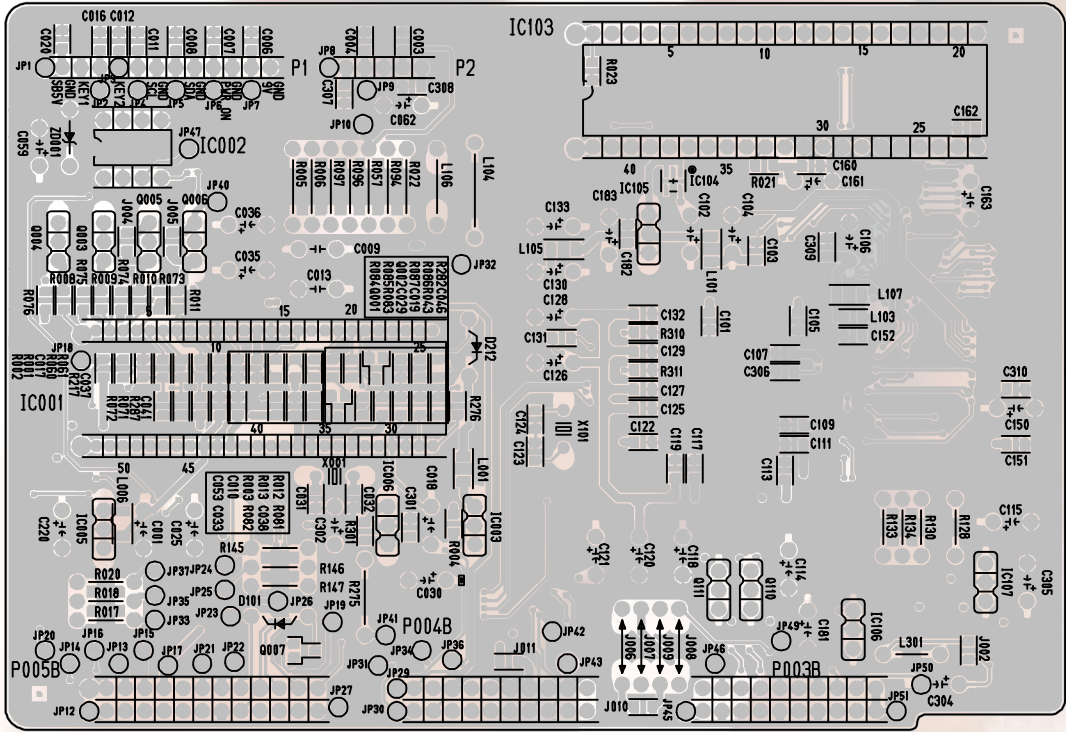
COMPONENT LOCATION GUIDE(MAIN)

J846E1	JP59F4	Q190C3	R154B1	R426E4	R854D1	TP26C5
J847E1	L101A2	Q191C3	R155A1	R430D5	R855E3	TP27C4
J848C3	L102B5	Q192C3	R156A1	R431G4	R856E3	TP28C2
J849F1	L204D5	Q193C3	R160A2	R434G4	R857B2	TP29C4
J851C2	L205C5	Q308D5	R190C3	R450E5	R859E3	TP30C4
J852F1	L206D5	Q401G3	R191B3	R451E5	R860C2	TP31C2
J853D1	L207C5	Q402E4	R192C3	R490F3	R861C3	TP32C4
J854C1	L333E4	Q404D4	R193C3	R601B4	R862B2	TP33C4
JA205C5	L334E4	Q601B4	R194C3	R602B4	R863F3	TP34C4
JP1G4	L401F3	Q602B4	R195C3	R603B4	R864D3	TP35C4
JP2F4	L402E3	Q604A3	R196C3	R604B4	R865D3	TP38C4
JP3G1	L403D3	Q605A3	R197C2	R611B5	R866D3	TP39C4
JP4G1	L404F4	Q852D1	R198C3	R612B5	R867C3	TP40C4
JP5F1	L407E4	Q854E3	R199C3	R613C4	R868C3	TP44E3
JP6F1	L601B4	Q855D3	R211C5	R614B4	R869B2	TP45F3
JP7E2	L602B4	Q856C3	R217C5	R615B4	R870C1	TP46E3
JP8E2	L603C4	Q857D1	R219C5	R616B4	R873B2	TU101A5
JP9F3	L604C4	Q858D3	R311D4	R617B4	R874C2	TU102A3
JP10F4	L605C4	Q871B2	R312D5	R618C4	R876D3	VD801F2
JP11E4	L606A2	R101A2	R313D5	R619C4	R877D3	X601C5
JP12F4	L853D3	R102A2	R314D4	R620C4	RC601B1	Z101A4
JP13D5	P102A5	R103A3	R318E4	R621C4	RL801E1	Z110A4
JP14D5	P103A5	R104A2	R324D4	R623C4	RL802E1	ZD101A2
JP15D5	P151C1	R105A2	R325C4	R624C4	T401G4	ZD102A5
JP16D5	P190C2	R106A5	R326D4	R625A3	T402F5	ZD151B1
JP17D5	P403E3	R107A2	R327D4	R628A2	T403E5	ZD351D4
JP18D5	P410G5	R108A2	R328E4	R629B2	T802E2	ZD403D5
JP19C5	P823E1	R109A3	R329D4	R630A3	T803E1	ZD601B4
JP20C5	P824E1	R110A3	R330D3	R632A3	T811F1	ZD851C3
JP21C5	P004AB4	R111A5	R331D3	R633A3	TH801F1	
JP22C5	P101AA4	R112A5	R332C4	R634A3	TH810E1	
JP23C4	P211AB5	R113A5	R401G3	R658B4	TP1A4	
JP24C4	P401AF4	R114A3	R402F3	R659B4	TP2A4	
JP25B4	P401BF4	R115A4	R403C3	R668B5	TP4A3	
JP26D3	P401CF4	R116A4	R404G3	R669B5	TP5A2	
JP27C2	P401DF4	R117A5	R405G4	R680B4	TP6A2	
JP28C2	P602AC3	R119A4	R406G4	R801F2	TP7A3	
JP37A1	P605AA1	R125A4	R407F3	R802D1	TP8A2	
JP38A1	P803AF1	R126A4	R408D5	R803E2	TP9A2	
JP39A1	P803BF1	R127A4	R410D4	R804F2	TP10A5	
JP40A1	P822AG1	R128A4	R412C3	R805G2	TP11A4	
JP41A1	P822BG1	R129A5	R413C3	R806G2	TP12A4	
JP42A1	P902AD5	R130A5	R414C3	R807G3	TP13B3	
JP44C1	Q101A2	R131A4	R415C3	R808E2	TP14B3	
JP45C1	Q102A3	R132A4	R416C3	R809F2	TP16B2	
JP50C5	Q103A4	R133A4	R417D4	R810F2	TP17B2	
JP51C5	Q104A5	R134A5	R418C3	R816G2	TP18B2	
JP52D5	Q105A4	R135A4	R419C4	R821E3	TP19B2	
JP53A3	Q107A5	R136A4	R420C3	R832D3	TP20B2	
JP54B1	Q108A4	R137A4	R421C4	R833C3	TP21B3	
JP55B1	Q109A2	R138A4	R422C3	R850B1	TP22B3	
JP56A1	Q111A4	R151B2	R423D4	R851D1	TP23C4	
JP57C1	Q151A1	R152B2	R424D4	R852C1	TP24C4	
JP58C1	Q152A1	R153B1	R425F3	R853C1	TP25C5	

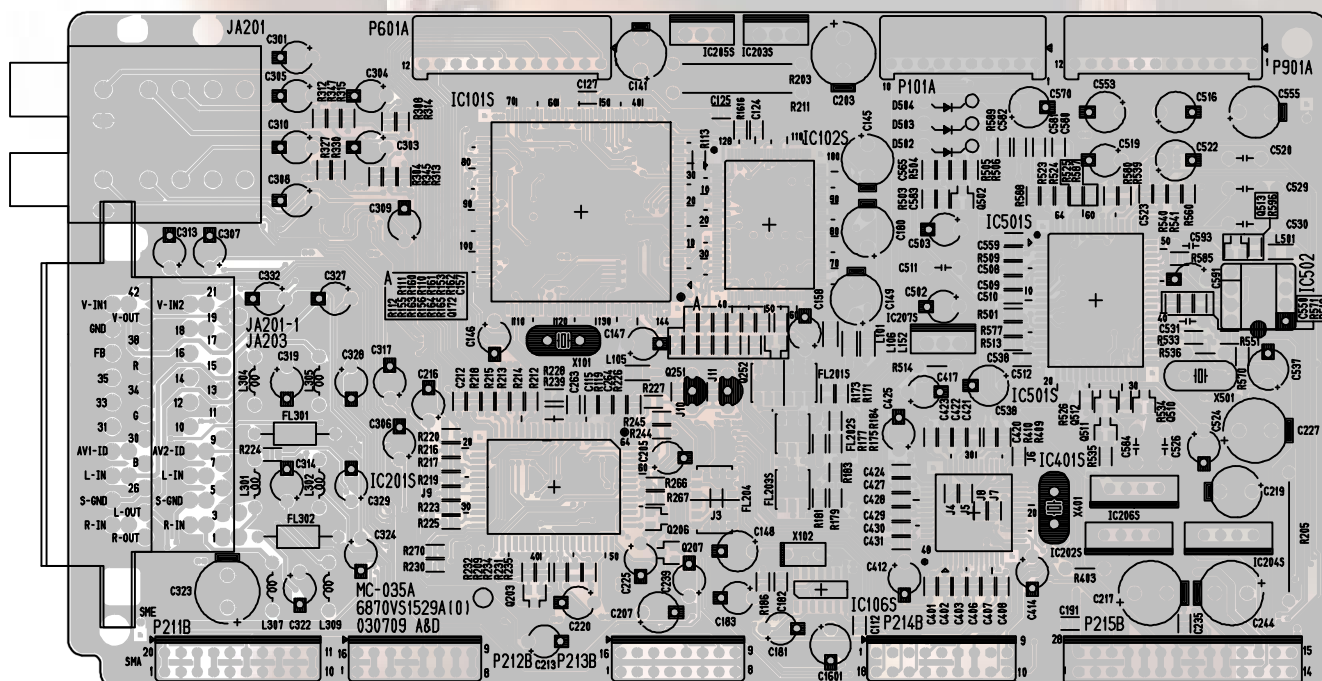
MICOM(TOP)



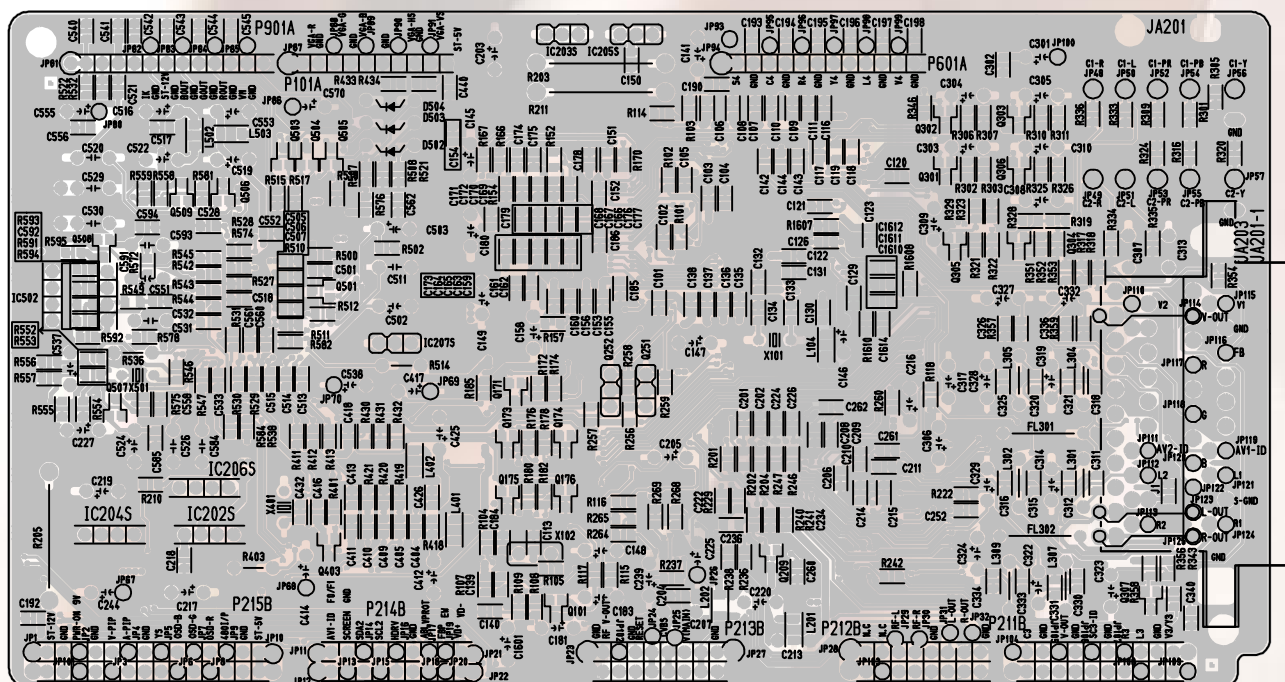
MICOM(BOTTOM)



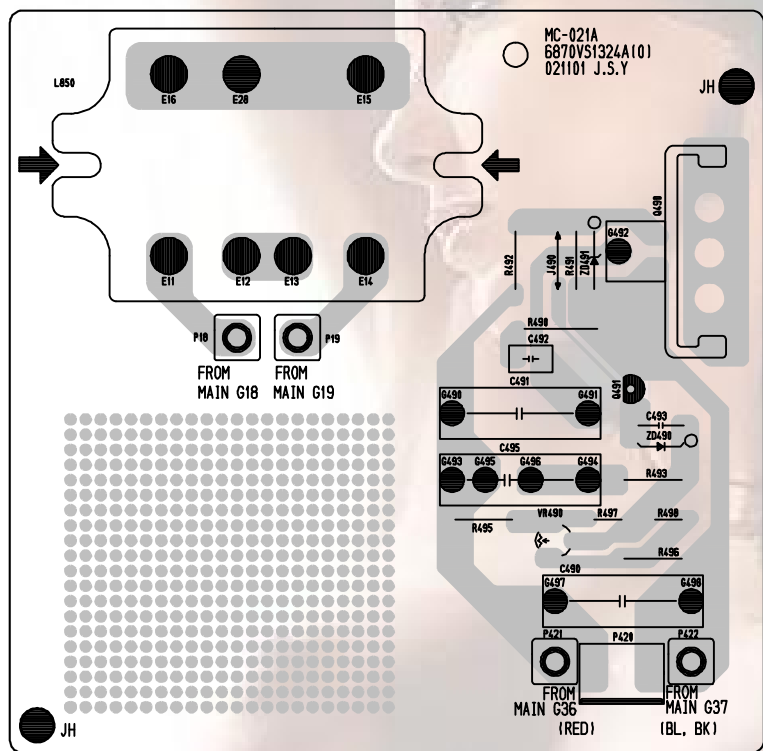
100Hz(TOP)



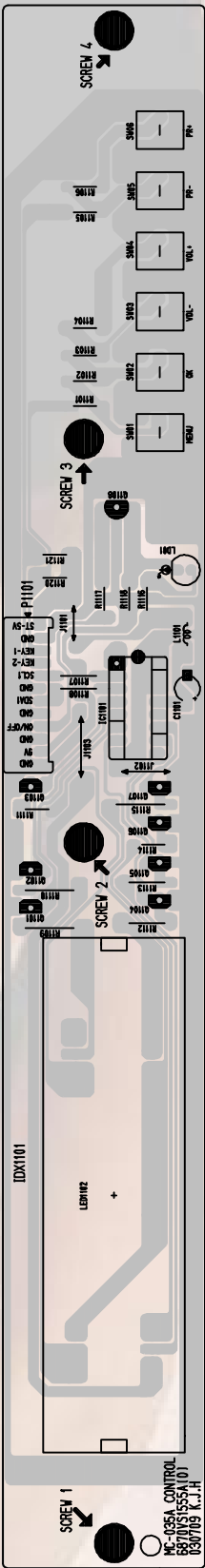
100Hz(BOTTOM)



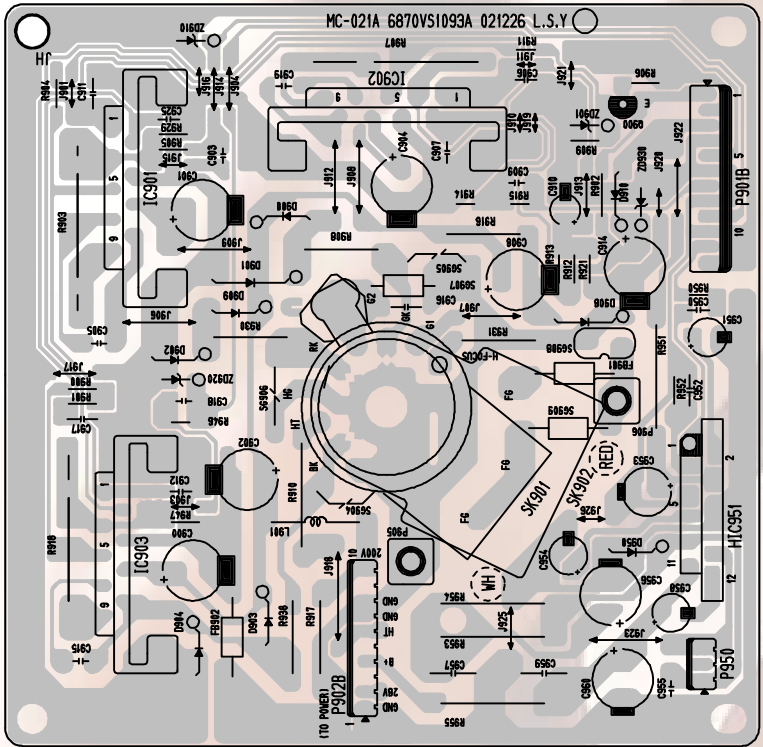
REACTER



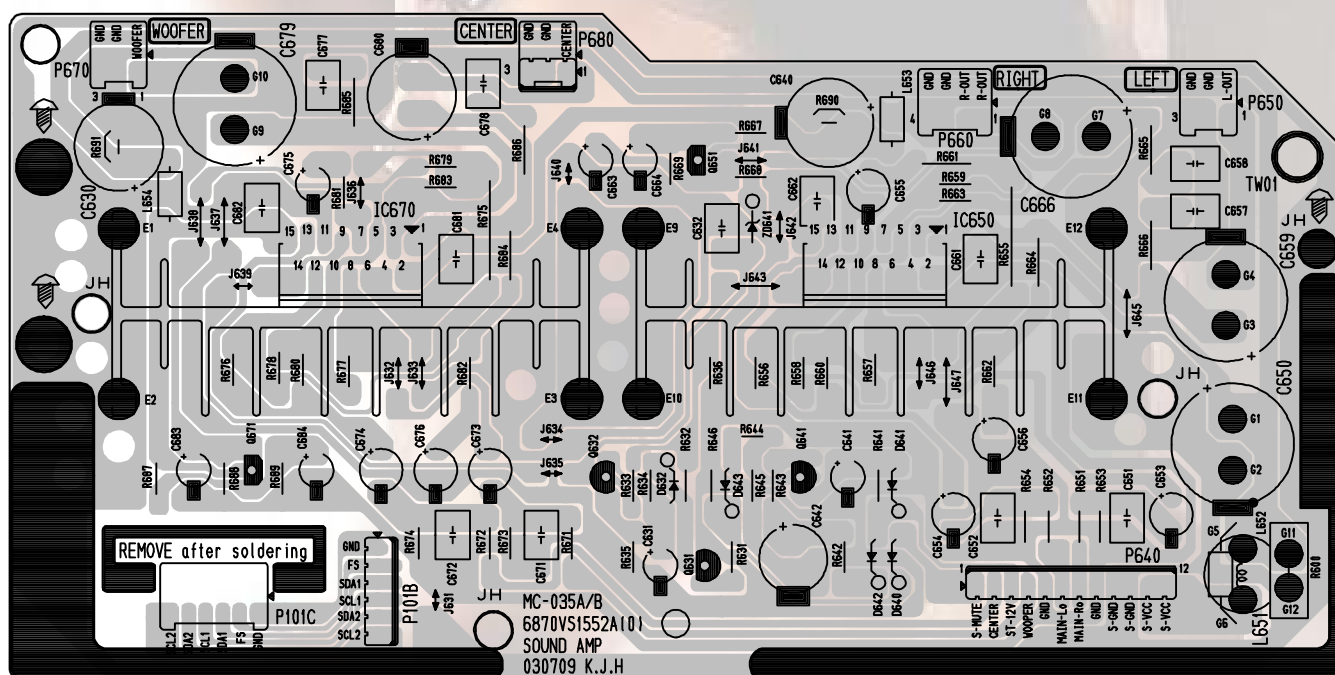
CONTROL



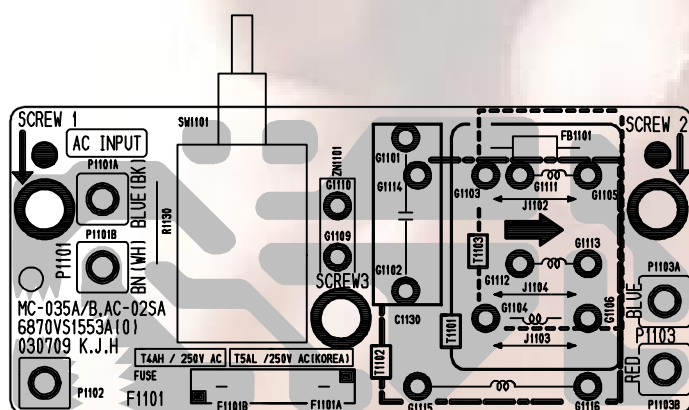
CPT



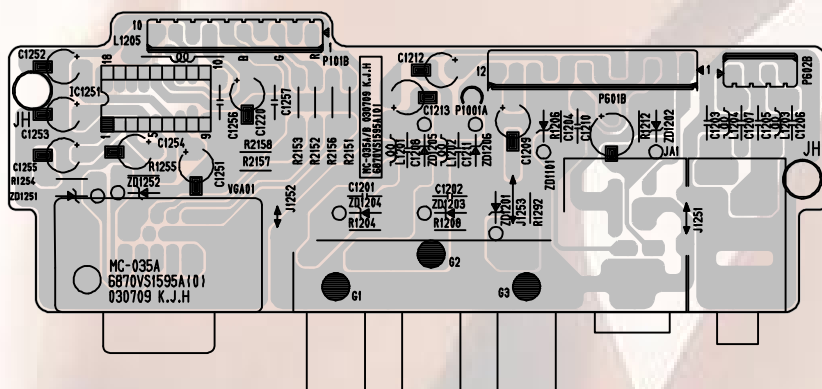
SOUND



POWER

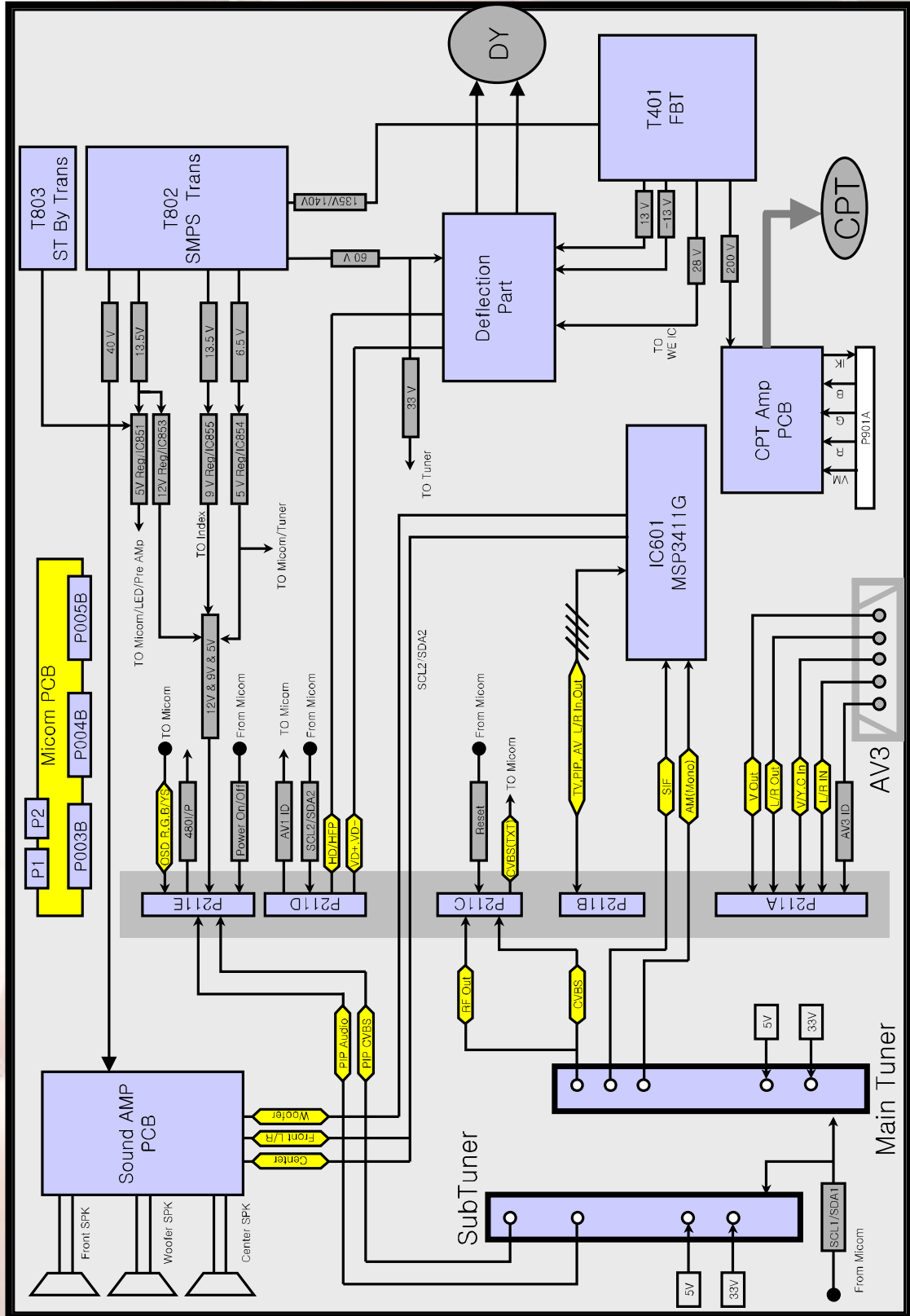


SIDE A/V



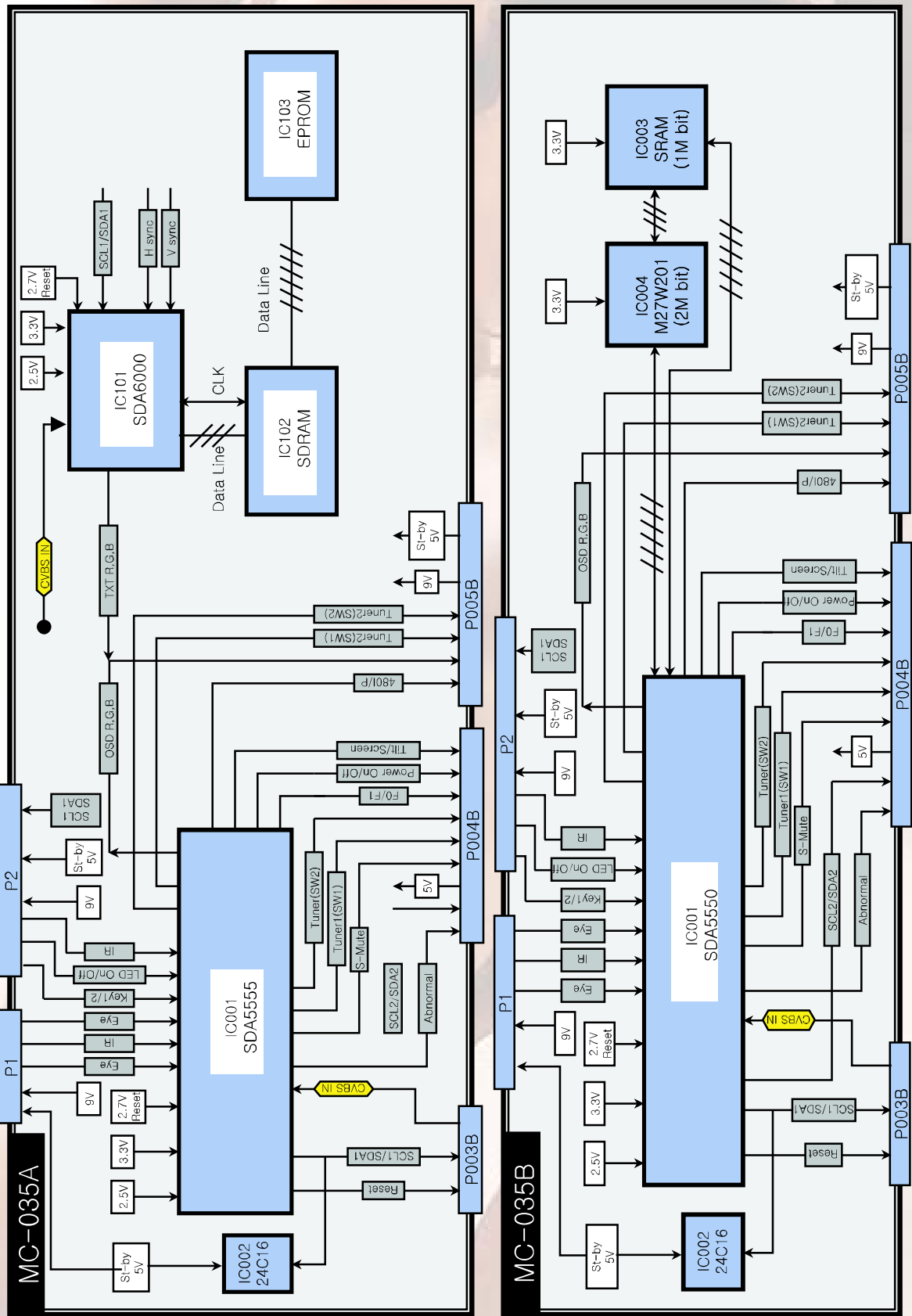
BLOCK DIAGRAM

1. MAIN

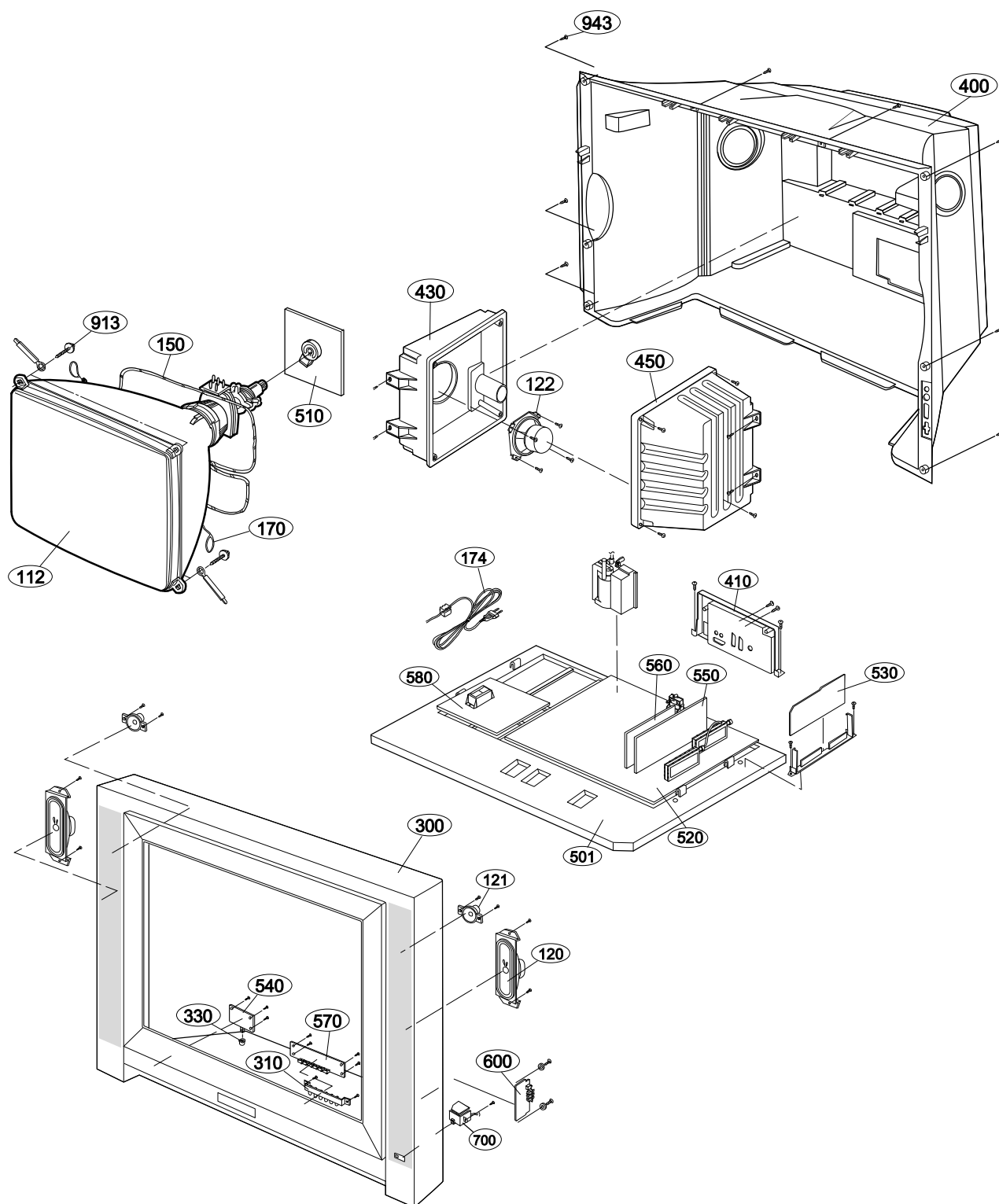




3.MICOM



EXPLODED VIEW



EXPLODED VIEW PARTS LIST

LOCA. NO	PART NO	DESCRIPTIONS
112	6335V32008C	CPT ASSEMBLY,W76ERF042X +0.4G[V] 0G[H] PHILIPS WIDE FLAT
120	6400VA0025C	SPEAKER,FULLRANGE 8OHM 15/20W 84DB OTHERS 57X193X53
121	120-C76G	SPEAKER,TWEETER FOSTER 8OHM 15/25W 88DB OTHERS NON
122	6400WETE01A	SPEAKER,WOOFER C100R02K1450 EAW WOOFER 8OHM .W 87DB 100
150	6140VC2006A	COIL,DEGAUSSING - KOREA TRADING 32 TURN L=600
170	170-797X	CPT EARTH,32 144T 2LUG 1P*2 .
174	174-322E	POWER CORD,POWER W/FILTER L=400(179B)
300	3091V00528C	CABINET ASSEMBLY,RE-32FZ40RB STEREO MC035A C/SKD
310	5020V00794A	BUTTON,CONTROL 32FZ40 ABS, HF-380 6KEY NON
330	5020V00553L	BUTTON,POWER RN-17LZ11E ABS, HF-380 1KEY .
400	3809V00368C	BACK COVER ASSEMBLY,RE-32FZ40RB 2SCART C/SKD
410	4810V00543A	BRACKET,REAR A/V PS MC021A
430	3110V00306B	CASE,NON RE-32FZ40 ABS C/SKD
450	3550V00312B	COVER,DUCT RE-32FZ40 ABS C/SKD
501	4810V00379X	BRACKET,MAIN RE-32FZ40 MC035A HIPS 407AF A CORE
510	6871VSMX79A	PWB(PCB) ASSEMBLY,SUBCPT MC035A 32 WIDE (MA-CKD)
520	6871VMMR02A	PWB(PCB) ASSEMBLY,MAIN MC035A RZ-32FZ40RB.KUPLMP8 (MA-CKD)
530	6871VSMX80A	PWB(PCB) ASSEMBLY,SUB S/AMP MC035A WOOFER 32FZ40 (MA-CKD)
540	6871VSMW10C	PWB(PCB) ASSEMBLY,SUB POWER MC035A RZ SUB PWR (MA-CKD)
550	6871VSMB89A	PWB(PCB) ASSEMBLY,SUB MC035A 100HZ SCART (RE)
560	6871VSMB88A	PWB(PCB) ASSEMBLY,SUB MC035A MICOM M2 (RE)
570	6871VSMX81A	PWB(PCB) ASSEMBLY,SUB CTL MC035A (INDEX) 32FZ40 (MA-CKD)
580	6871VSMV87B	PWB(PCB) ASSEMBLY,SUB SUB MC035A CURRENT+IN PINC (MA-CKD)
600	6871VSMW51C	PWB(PCB) ASSEMBLY,SUB A/V MC035A SIDE RZ W/O VGA (MA-CKD)
700	0IGL120104J	IC,DRAWING YGCA-T065A DIP 6P - .
913	332-229M	SCREW,DRAWING PAN WASHER 7mm 45mm MSWR3 / FZY
943	1PTF0403116	SCREW,TAP TITE(P)[TRUSS HEAD]

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
IC			DIODE		
D850	0ISK100300A	IC,SLA1003 SIP12 BK DIODE MODULE LF816	D101	0DD414809ED	DIODE,1N4148 TP GRANDE - - - - -
HIC951	0IZZVF0018B	IC,11P ST SCAN VELOCITY MODU. DOUBLE(BW 8M)	D190	0DS113379BA	DIODE,1SS133 T-72 TP ROHM DO34 90V - - - -
IC001	0IZZVC0069A	IC,M37272E8A(OTP) DIP 52P DIP SDA5555	D212	0DD414809ED	DIODE,1N4148 TP GRANDE - - - - -
IC002	0IAL241610B	IC,AT24C16A-10PI-2.7 8PIN DIP ST EEPROM	D301	0DD200009AF	DIODE,RU2M V(1) TP SANKEN
IC003	0IFA752700A	IC,KA75270Z 3 TP RE-SET IC MC-007	D339	0DD200009AF	DIODE,RU2M V(1) TP SANKEN
IC004	0IMCRUK003A	IC,S5225M AUK 5SOP, SOT-25 R/TP 150MA L/D	D349	0DD200009AF	DIODE,RU2M V(1) TP SANKEN
IC005	0IMCRUK002B	IC,S78DL33L AUK 3P, TO-92L TP 3.3V REGU.	D402	0DD011150AA	DIODE,BK TO3PF 400V 5A 50A 0.3SEC 10UA
IC006	0IFA754207A	IC,KA75420ZTA 3P,TO-92 TP 4.2V RESET IC	D403	0DD100009AU	DIODE,EU1AV(1) TP SANKEN TP SANKEN
IC101	0IMCRMN023A	IC,SDA6001 QH B12 128P MQFP TRAY TXT MICOM	D405	0DD414809ED	DIODE,1N4148 TP GRANDE - - - - -
IC101S	0IMCRMN016B	IC,144P QFP TRAY DIGITAL RGB/YUV	D410	0DD150009CA	DIODE, RGP15J TP - - - - -
IC102	0IMMRHY001F	IC,54P TSOPII TRAY 64M SDRAM 133MHZ	D413	0DD150009CC	DIODE, RGP15G TP - - - - -
IC102S	0ICTMLG010A	IC,LGDT1000B LG IC QFP 128P TRAY DRP2	D414	0DD100009AE	DIODE,RU1A V(1) TP SANKEN
IC103	0IZZVB0006A	IC,M27W201 DIP 42P ST M27V160 EEPROM	D425	0DD414809ED	DIODE,1N4148 TP GRANDE - - - - -
IC103	0IMMRSG028A	IC,M27V160 STM 42P PDIP ST 16MBIT OTP	D502	0DS113379BA	DIODE,1SS133 T-72 TP ROHM DO34 90V - - - -
IC105	0ISG111725B	IC,LD1117V25 3 SIP ST REGULATOR MC006A	D503	0DS113379BA	DIODE,1SS133 T-72 TP ROHM DO34 90V - - - -
IC106	0IMCRUK002B	IC,S78DL33L AUK 3P, TO-92L TP 3.3V REGU.	D504	0DS113379BA	DIODE,1SS133 T-72 TP ROHM DO34 90V - - - -
IC106S	0ISA721700C	IC,LA7217M MFP14 TP SYNC SEPARATOR	D632	0DD414809ED	DIODE,1N4148 TP GRANDE - - - - -
IC107	0IFA752700A	IC,KA75270Z 3 TP RE-SET IC MC-007	D640	0DD414809ED	DIODE,1N4148 TP GRANDE - - - - -
IC1101	0IMCRMIO02A	IC,M62320P 16DIP ST I/O EXPANDER	D641	0DD414809ED	DIODE,1N4148 TP GRANDE - - - - -
IC190	0ISA164500B	IC,LB1645N 10SIP BK MOTOR DRIVE IC	D642	0DD414809ED	DIODE,1N4148 TP GRANDE - - - - -
IC201S	0ISO206900A	IC,CXA2069Q QFP64 BK I2C BUS AV S/W	D643	0DD414809ED	DIODE,1N4148 TP GRANDE - - - - -
IC202S	0ISH323422A	IC,PQ3RF23 4P(TO-220) 3.3V REGUL	D802	0DD100009AM	DIODE,EU1ZV(1) TP SANKEN
IC203S	0IMCRSG011A	IC,3DIP,TO-220 ST 1.5A-L/DROP REG.	D803	0DD100009AM	DIODE,EU1ZV(1) TP SANKEN
IC204S	0IMCRKE002B	IC,4P TO-220IS ST 9V/1A LOW DROP V-REGULATOR	D804	0DD414809ED	DIODE,1N4148 TP GRANDE - - - - -
IC205S	0IMCRSG011A	IC,3DIP,TO-220 ST 1.5A-L/DROP REG.	D851	0DD060009AC	DIODE,TVR06J TP - 600V - - 250NSEC -
IC206S	0ISS278050A	IC,KA278R05 4P,TO-220F BK LOW DROP 5V	D852	0DD060009AC	DIODE,TVR06J TP - 600V - - 250NSEC -
IC207S	0IKE780500Q	IC,KIA7805API 3P TO-220 ST REGULATOR 5V	D853	0DD060009AC	DIODE,TVR06J TP - 600V - - 250NSEC -
IC301	0ISA784500A	IC,LA7845 7SIP V/OUT(1.5A) - - - -	D854	0DD060009AC	DIODE,TVR06J TP - 600V - - 250NSEC -
IC401	0IKE455800E	IC,KIA4558 8DIP DUAL OP AMP	D855	0DD060009AC	DIODE,TVR06J TP - 600V - - 250NSEC -
IC501S	0IMCRSO007A	IC,CXA2150Q SONY 64P QFP TRAY 60LCD	D856	0DD414809ED	DIODE,1N4148 TP GRANDE - - - - -
IC502	0ISS393000G	IC,KA393 COMPARATOR 8DIP BK OP AMP	D857	0DD414809ED	DIODE,1N4148 TP GRANDE - - - - -
IC6	0IFA752700A	IC,KA75270Z 3 TP RE-SET IC MC-007	D858	0DD420000BB	DIODE,D4L20U SHINDENGEN
IC601	0IIT341120C	IC,MSP3411G PO B8 V3 52P DIP ST ADD	D859	0DD150009CA	DIODE, RGP15J TP - - - - -
IC603	0ISG282200A	IC,TDA2822M 8D DUAL AUDIO AMP(1W)	D861	0DD060009AC	DIODE,TVR06J TP - 600V - - 250NSEC -
IC650	0IMCRNS006A	IC,LM4765T 15P TO220 ST AUDIO POWER AMP 30W	D866	0DD414809ED	DIODE,1N4148 TP GRANDE - - - - -
IC801	0ISK665813A	IC,STR-F6658B(LF1352) 5PIN SIP BK STR	D900	0DD060009AC	DIODE,TVR06J TP - 600V - - 250NSEC -
IC802	0ILJ817000G	IC,LTV817M-VB 4P,DIP BK PHOTO COUPLER	D901	0DD060009AC	DIODE,TVR06J TP - 600V - - 250NSEC -
IC851	0IKE780500Q	IC,KIA7805API 3P TO-220 ST REGULATOR 5V	D902	0DD060009AC	DIODE,TVR06J TP - 600V - - 250NSEC -
IC853	0ISS278050A	IC,KA278R05 4P,TO-220F BK LOW DROP 5V	D903	0DD060009AC	DIODE,TVR06J TP - 600V - - 250NSEC -
IC854	0ISS278120A	IC,KA278R12 4P,TO-220F BK LOW DROP 12V	D904	0DD060009AC	DIODE,TVR06J TP - 600V - - 250NSEC -
IC855	0IKE780900M	IC,KIA7809API TO220 ST 3P 9V REGULATOR	D908	0DD060009AC	DIODE,TVR06J TP - 600V - - 250NSEC -
IC856	0ISK140000A	IC,SE140N 3P 130V ERROR AMP - - - -	D909	0DD060009AC	DIODE,TVR06J TP - 600V - - 250NSEC -
IC901	0IPH611190A	IC,TDA6111Q 9SIP RGB AMP - - - -	D910	0DR140059AC	DIODE,1N4005GP TP DO41 600V 1.0A - - -
IC902	0IPH611190A	IC,TDA6111Q 9SIP RGB AMP - - - -	D950	0DD060009AC	DIODE,TVR06J TP - 600V - - 250NSEC -
IC903	0IPH611190A	IC,TDA6111Q 9SIP RGB AMP - - - -	DB814	0DRGS00011A	DIODE,ST 5S 600V 6A 180A 100SEC 0.00001A
Q003	0IFA270000A	IC,3P TP LEVEL SHIFT 60V/0.2A,MC007A	LD01	0DD000000BA	DIODE,SA5711-B(DL-1LO(S)) BK AMBER -
Q004	0IFA270000A	IC,3P TP LEVEL SHIFT 60V/0.2A,MC007A	ZD001	0DZ620009BB	DIODE,TP ROHM-K DO34 0.5W 6.2V 5UA -
Q110	0IFA270000A	IC,3P TP LEVEL SHIFT 60V/0.2A,MC007A	ZD002	0DZ620009BB	DIODE,TP ROHM-K DO34 0.5W 6.2V 5UA -
Q111	0IFA270000A	IC,3P TP LEVEL SHIFT 60V/0.2A,MC007A	ZD101	0DZ330009BA	DIODE,ZENER HZT33 TAPING
Q251	0IFA270000A	IC,3P TP LEVEL SHIFT 60V/0.2A,MC007A	ZD102	0DZ330009BA	DIODE,ZENER HZT33 TAPING
Q252	0IFA270000A	IC,3P TP LEVEL SHIFT 60V/0.2A,MC007A	ZD1201	0DZ620009BB	DIODE,TP ROHM-K DO34 0.5W 6.2V 5UA -

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		RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
ZD1202	0DZ620009BB	DIODE,TP ROHM-K DO34 0.5W 6.2V 5UA -
ZD1205	0DZ620009BB	DIODE,TP ROHM-K DO34 0.5W 6.2V 5UA -
ZD1206	0DZ620009BB	DIODE,TP ROHM-K DO34 0.5W 6.2V 5UA -
ZD351	0DZ750009AG	DIODE,MTZJ7.5B TP ROHM-K DO34 0.5W 7.5V 5UA -
ZD403	0DZ510009BF	DIODE,GDZ5.1B TP GRANDE DO34 0.5W 5.1V 0.02A -
ZD490	0DZ510009BF	DIODE,GDZ5.1B TP GRANDE DO34 0.5W 5.1V 0.02A -
ZD491	0DZ120009AF	DIODE,MTZJ12B TP ROHM-K DO34 - 12V 5UA -
ZD601	0DZ820009AH	DIODE,MTZJ8.2B TP ROHM-K DO34 - 8.2V 5UA -
ZD901	0DZ910009AJ	DIODE,MTZJ9.1B TP ROHM-K DO34 0.5W 9.1V 5UA -
ZD930	0DZ180009AG	DIODE,MTZJ18B TP ROHM-K DO34 - 18V 5UA -

TRANSISTOR

Q001	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q002	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q007	0TR102009AG	TR,CHIP KRC102S KEC TP SOT-23 NA NA
Q009	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q101	0TR733009AA	TR,KSA733C-Y TP SAMSUNG TO-92
Q101	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q102	0TR945009AA	TR,KSC945C-Y SAMSUNG TP TO92 50V 150MA
Q103	0TR945009AA	TR,KSC945C-Y SAMSUNG TP TO92 50V 150MA
Q104	0TR127009AA	TR,KTA1270-Y KEC TP TO92 50V 100MA
Q105	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q105	0TR945009AA	TR,KSC945C-Y SAMSUNG TP TO92 50V 150MA
Q107	0TR945009AA	TR,KSC945C-Y SAMSUNG TP TO92 50V 150MA
Q108	0TR945009AA	TR,KSC945C-Y SAMSUNG TP TO92 50V 150MA
Q1101	0TR103009AD	TR,KRC103M(AT) TO-92M TP KEC
Q1102	0TR103009AD	TR,KRC103M(AT) TO-92M TP KEC
Q1103	0TR103009AD	TR,KRC103M(AT) TO-92M TP KEC
Q1104	0TR103009AD	TR,KRC103M(AT) TO-92M TP KEC
Q1105	0TR103009AD	TR,KRC103M(AT) TO-92M TP KEC
Q1106	0TR103009AD	TR,KRC103M(AT) TO-92M TP KEC
Q1107	0TR103009AD	TR,KRC103M(AT) TO-92M TP KEC
Q1108	0TR103009AD	TR,KRC103M(AT) TO-92M TP KEC
Q111	0TR945009AA	TR,KSC945C-Y SAMSUNG TP TO92 50V 150MA
Q171	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q172	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q173	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q174	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q175	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q176	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q190	0TR102009AB	TR,KRC102M(KRC1202) KEC TP NA NA NA
Q191	0TR945009AA	TR,KSC945C-Y SAMSUNG TP TO92 50V 150MA
Q192	0TR945009AA	TR,KSC945C-Y SAMSUNG TP TO92 50V 150MA
Q193	0TR945009AA	TR,KSC945C-Y SAMSUNG TP TO92 50V 150MA
Q203	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q206	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q207	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q209	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q301	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q307	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q308	0TR945009AA	TR,KSC945C-Y SAMSUNG TP TO92 50V 150MA
Q401	0TF200000AA	TR,IRFIB20G BK I.R 600V --

LOCA. NO	PART NO	DESCRIPTION
Q402	0TR544600AA	TR,2SC5446(AS) BK TO3P 1700V23A MESA
Q404	0TR127509AC	TR,KTA1275-Y TP(KTA1013),KEC
Q405	0TR205900AB	TR,KT2059-Y TO-220IS KEC
Q490	0TFFC10001A	TR,FQP11N40,3P, ST TO220 400V 11.4A
Q491	0TR319809AA	TR,KTC3198 KEC TP TO92 50V 150MA
Q501	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q502	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q503	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q504	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q505	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q506	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q507	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q508	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q508	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q509	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q510	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q511	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q512	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q513	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q513	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q601	0TR733009AA	TR,KSA733C-Y TP SAMSUNG TO-92
Q602	0TR733009AA	TR,KSA733C-Y TP SAMSUNG TO-92
Q604	0TR733009AA	TR,KSA733C-Y TP SAMSUNG TO-92
Q605	0TR733009AA	TR,KSA733C-Y TP SAMSUNG TO-92
Q631	0TR319809AA	TR,KTC3198 KEC TP TO92 50V 150MA
Q632	0TR319809AA	TR,KTC3198 KEC TP TO92 50V 150MA
Q641	0TR126609AA	TR,KTA1266-Y KEC TP TO92 50V 150MA
Q651	0TR322709AA	TR,KTC3227-Y,TP(KTC1627A),KEC
Q671	0TR322709AA	TR,KTC3227-Y,TP(KTC1627A),KEC
Q852	0TR945009AA	TR,KSC945C-Y SAMSUNG TP TO92 50V 150MA
Q855	0TR421009AB	TR,BF421 TP TELEFUNKEN TO92 KEC
Q856	0TR102009AB	TR,KRC102M(KRC1202) KEC TP NA NA NA
Q857	0TR945009AA	TR,KSC945C-Y SAMSUNG TP TO92 50V 150MA
Q858	0TR945009AA	TR,KSC945C-Y SAMSUNG TP TO92 50V 150MA
Q871	0TR945009AA	TR,KSC945C-Y SAMSUNG TP TO92 50V 150MA
Q900	0TR127109AA	TR,KTA1271Y KEC TP TO92 50V 100MA

CAPACITOR

C001	0CE106DK618	10UF STD 50V M FL TP5
C002	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
C009	181-442Z	PE,ECQ-B1H104KF3(TR)
C010	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP
C013	0CQ1831N509	0.018U 100V K POLY TP5
C015	0CH5101K416	100PF 50V J NP0 2012 R/TP
C017	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP
C018	0CE106DK618	10UF STD 50V M FL TP5
C019	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP
C020	0CH5271K416	270PF 50V J NP0 2012 R/TP
C025	0CE106DK618	10UF STD 50V M FL TP5
C026	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP
C029	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP
C030	0CE106DF618	10UF STD 16V M FL TP5

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LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C031	0CH5330K416	33PF 50V J NP0 2012 R/TP	C1213	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C032	0CH5330K416	33PF 50V J NP0 2012 R/TP	C122	0CE107DD618	100UF STD 10V M FL TP5
C033	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	C122	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP
C035	0CE476DD618	47UF STD 10V 20% FL TP 5	C123	0CN1030F679	10000P 16V M Y TA52
C036	0CE476DD618	47UF STD 10V 20% FL TP 5	C123	0CH5330K416	33PF 50V J NP0 2012 R/TP
C037	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP	C124	0CE106DF618	10UF STD 16V M FL TP5
C038	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP	C124	0CH5330K416	33PF 50V J NP0 2012 R/TP
C041	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP	C125	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP
C044	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP	C125	0CE108DD618	1000UF STD 10V M FL TP5
C053	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP	C126	0CE477DD618	470UF STD 10V M FL TP5
C059	0CE107DD618	100UF STD 10V M FL TP5	C126	0CE106DF618	10UF STD 16V M FL TP5
C062	0CE106DK618	10UF STD 50V M FL TP5	C127	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP
C101	0CE106DF618	10UF STD 16V M FL TP5	C127	0CE476DD618	47UF STD 10V 20% FL TP 5
C101	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP	C128	0CE106DF618	10UF STD 16V M FL TP5
C102	0CE106DK618	10UF STD 50V M FL TP5	C129	0CE106DK618	10UF STD 50V M FL TP5
C102	0CE106DF618	10UF STD 16V M FL TP5	C129	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP
C103	0CN1030F679	10000P 16V M Y TA52	C130	0CE106DF618	10UF STD 16V M FL TP5
C103	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP	C131	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
C104	0CE106DF618	10UF STD 16V M FL TP5	C132	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP
C104	0CE476DD618	47UF STD 10V 20% FL TP 5	C133	0CE106DF618	10UF STD 16V M FL TP5
C105	0CN1030F679	10000P 16V M Y TA52	C141	0CE337DD618	330UF STD 10V M FL TP5
C105	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP	C145	0CE337DF618	330UF STD 16V M FL TP5
C106	0CN1030F679	10000P 16V M Y TA52	C146	0CE107DF618	100UF STD 16V M FL TP5
C107	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP	C147	0CE107DD618	100UF STD 10V M FL TP5
C108	0CN1030F679	10000P 16V M Y TA52	C148	0CE476DK618	47UF STD 50V M FL TP5
C109	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP	C149	0CE477DD618	470UF STD 10V M FL TP5
C109	0CE475DK618	4.7UF STD 50V 20% FL TP 5	C150	0CE106DF618	10UF STD 16V M FL TP5
C1101	0CE476DF618	47UF STD 16V M FL TP5	C151	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP
C111	0CE107DD618	100UF STD 10V M FL TP5	C152	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP
C111	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP	C158	0CE106DF618	10UF STD 16V M FL TP5
C113	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP	C160	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP
C1130	0CQZVBK002D	A.C 275V 0.47UF K (S=22.5)	C162	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP
C114	0CE106DF618	10UF STD 16V M FL TP5	C180	0CE477DD618	470UF STD 10V M FL TP5
C114	0CE476DD618	47UF STD 10V 20% FL TP 5	C180	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP
C115	0CE106DF618	10UF STD 16V M FL TP5	C181	0CE107DF618	100UF STD 16V M FL TP5
C117	0CE227DD618	220UF STD 10V M FL TP5	C181	0CE105DK618	1UF STD 50V M FL TP5
C117	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP	C182	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP
C118	0CE106DF618	10UF STD 16V M FL TP5	C183	0CE107DF618	100UF STD 16V M FL TP5
C119	0CH2103K516	10000P 50V K B 2.0X1.25 R/TP	C183	0CE105DK618	1UF STD 50V M FL TP5
C120	0CE106DF618	10UF STD 16V M FL TP5	C190	181-007C	MPE ECQ-V1H104JL3(TR), 50V 0.1UF J
C1203	0CN2210K519	220P 50V K B TA52	C191	0CQ1041N509	0.1U 100V K POLY TP
C1204	0CN1040K949	0.1M 50V Z F TA52	C192	0CE226DF618	22UF STD 16V M FL TP5
C1205	0CN2210K519	220P 50V K B TA52	C193	0CN1030F679	10000P 16V M Y TA52
C1206	0CN4710K519	470P 50V K B TA52	C194	0CN1030F679	10000P 16V M Y TA52
C1207	0CN4710K519	470P 50V K B TA52	C200	0CE105DK618	1UF STD 50V M FL TP5
C1208	0CN2210K519	220P 50V K B TA52	C201	0CE105DK618	1UF STD 50V M FL TP5
C1209	0CE475DK618	4.7UF STD 50V 20% FL TP 5	C203	0CE477DF618	470UF STD 16V 20% FL TP 5
C121	0CE105DK618	1UF STD 50V M FL TP5	C203	0CN1010K519	100P 50V K B TA52
C121	0CE106DF618	10UF STD 16V M FL TP5	C204	0CN1010K519	100P 50V K B TA52
C1210	0CE475DK618	4.7UF STD 50V 20% FL TP 5	C205	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C1211	0CN2210K519	220P 50V K B TA52	C206	0CE227DD618	220UF STD 10V M FL TP5
C1212	0CE475DK618	4.7UF STD 50V 20% FL TP 5	C207	0CE107DF618	100UF STD 16V M FL TP5

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		RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C207	0CE226DF618	22UF STD 16V M FL TP5
C208	0CE226DF618	22UF STD 16V M FL TP5
C212	0CN4710K519	470P 50V K B TA52
C213	0CN4710K519	470P 50V K B TA52
C213	0CE4763F618	47UF SRE 16V M FL TP5
C214	0CN1030F679	10000P 16V M Y TA52
C216	0CE105DK618	1UF STD 50V M FL TP5
C217	0CE477DF618	470UF STD 16V 20% FL TP 5
C219	0CE227DF618	220UF STD 16V M FL TP5
C220	0CE226DK618	22UF STD 50V M FL TP5
C220	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C220	0CE476DD618	47UF STD 10V 20% FL TP 5
C221	0CN1030F679	10000P 16V M Y TA52
C222	0CN1020K519	1000P 50V K B TA52
C225	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C227	0CE108DD618	1000UF STD 10V M FL TP5
C239	0CE4763F618	47UF SRE 16V M FL TP5
C244	0CE477DF618	470UF STD 16V 20% FL TP 5
C301	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
C302	0CE476DF618	47UF STD 16V M FL TP5
C303	0CH5151K416	150PF 50V J NP0 2012 R/TP
C304	0CE106DK618	10UF STD 50V M FL TP5
C305	0CE106DK618	10UF STD 50V M FL TP5
C306	0CQ4731N509	0.047U 100V K POLY TP
C307	0CQ4731N509	0.047U 100V K POLY TP
C307	0CH5271K416	270PF 50V J NP0 2012 R/TP
C308	0CH5271K416	270PF 50V J NP0 2012 R/TP
C308	0CF4741L438	0.47UF D 63V 5% TP 5 M/PE NI
C309	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
C310	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
C310	0CE107BJ618	100UF KME 35V M FL TP5
C313	0CQ4731N509	0.047U 100V K POLY TP
C314	0CE226DF618	22UF STD 16V M FL TP5
C316	0CE228DJ650	2200UF STD 35V M FM7.5 BULK
C319	0CE226DF618	22UF STD 16V M FL TP5
C322	0CE105DK618	1UF STD 50V M FL TP5
C323	0CE477DF618	470UF STD 16V 20% FL TP 5
C324	0CQ2231N509	0.022U 100V K POLY TP
C324	0CE105DK618	1UF STD 50V M FL TP5
C327	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C328	0CE105DK618	1UF STD 50V M FL TP5
C329	0CE105DK618	1UF STD 50V M FL TP5
C332	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C332	0CQ1521N509	0.0015U 100V K POLY TP
C333	0CN3320F569	3300P 16V K X TA52
C338	0CE228DH610	2200UF STD 25V M FL BULK
C339	0CK56101515	560P 1KV K B TS
C340	181-014Z	BUP 0.0033UF 1.6KV 5%,-5% FM 28.5*13.5*8.0
C348	0CE228BH61A	2200UF KME 25V M FL TP7.5
C350	0CK56101515	560P 1KV K B TS
C401	181-091D	DEHR33A102KN2A 1000PF 1KV 10%,-10% R/TP
C402	181-091D	DEHR33A102KN2A 1000PF 1KV 10%,-10% R/TP

LOCA. NO	PART NO	DESCRIPTION
C403	0CK22101515	220P 1KV K B TP5
C404	181-010A	PP 400V 0.022UF J
C405	181-011B	0.001UF D 1.6KV J M/PP NI FM20
C406	0CK10201515	1000P 1KV K B TS
C408	181-015M	MPP 1600V 0.01UF H
C409	181-010A	PP 400V 0.022UF J
C411	181-013A	0.33UF 200V 5% FM MPP
C413	181-038L	M/PP NI 0.18UF 400V 5% FM 7.5MM
C415	181-013U	MPP 630V 0.1UF J
C416	0CE107DK618	100UF STD 50V M FL TP5
C417	0CK1030K945	0.01UF 50V Z F TR
C418	0CN6810K519	680P 50V K B TA52
C419	0CN1030F679	10000P 16V M Y TA52
C420	0CN1010K519	100P 50V K B TA52
C421	181-009R	PP 200V 0.022UF K
C423	0CE685BK652	6.8UF KME TYPE 50V 20% FM7.5 BP(S)
C426	0CQ6831N509	0.068U 100V K POLY TP
C436	0CN1030F679	10000P 16V M Y TA52
C437	0CK56101515	560P 1KV K B TS
C438	0CE107DK618	100UF STD 50V M FL TP5
C439	0CQ1021N519	0.001U 100V K POLY NI TP
C446	0CK56102515	560P 2KV K B TS
C447	0CE476DR618	47UF STD 250V 20% FL TP 5
C491	0CQ1021N509	0.001U 100V K POLY TP
C491	181-009K	PP 200V 0.2UF J
C493	0CN1030F679	10000P 16V M Y TA52
C495	181-013U	MPP 630V 0.1UF J
C502	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C503	0CE106DF618	10UF STD 16V M FL TP5
C511	181-007H	MPE ECQ-V1H474JL3(TR), 50V 0.47UF J
C516	0CE107DF618	100UF STD 16V M FL TP5
C519	0CE226DK618	22UF STD 50V M FL TP5
C519	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C520	0CQ6831N509	0.068U 100V K POLY TP
C522	0CE107DF618	100UF STD 16V M FL TP5
C524	0CE684DK618	0.68UF STD 50V 20% FL TP 5
C526	0CQ4721N519	0.0047U 100V K POLY NI TP
C529	0CQ1041N455	0.1000UF 100V J PP NI FM7.5
C530	0CQ1041N455	0.1000UF 100V J PP NI FM7.5
C531	181-442Z	PE,ECQ-B1H104KF3(TR)
C537	0CE107DF618	100UF STD 16V M FL TP5
C538	0CE107DF618	100UF STD 16V M FL TP5
C553	0CE107DF618	100UF STD 16V M FL TP5
C555	0CE227DF618	220UF STD 16V M FL TP5
C570	0CE107DF618	100UF STD 16V M FL TP5
C584	181-007H	MPE ECQ-V1H474JL3(TR), 50V 0.47UF J
C591	0CE476DF618	47UF STD 16V M FL TP5
C593	0CQ1031N509	0.01U 100V K POLY TP
C601	0CE4753K618	4.7UF SRE,SE 50V 20% FL TP 5
C602	0CN3320F569	3300P 16V K X TA52
C603	0CN3320F569	3300P 16V K X TA52
C604	0CN2210K519	220P 50V K B TA52

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LOCA. NO	PART NO	DESCRIPTION
C605	0CN1520F569	1500P 16V K X TA52
C606	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C607	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C608	0CN3320F569	3300P 16V K X TA52
C609	0CN1030F679	10000P 16V M Y TA52
C610	0CE106DF618	10UF STD 16V M FL TP5
C611	0CN1030F679	10000P 16V M Y TA52
C612	0CN1030F679	10000P 16V M Y TA52
C613	0CE107DD618	100UF STD 10V M FL TP5
C614	0CN1030F679	10000P 16V M Y TA52
C614	0CN1510K519	150P 50V K B TA52
C615	0CX5600K409	56P 50V J SL TA52
C617	0CN1040K949	0.1M 50V Z F TA52
C618	181-007G	MPE ECQ-V1H334JL3(TR), 50V 0.33UF J
C619	181-007G	MPE ECQ-V1H334JL3(TR), 50V 0.33UF J
C620	181-442Z	PE,ECQ-B1H104KF3(TR)
C621	0CN1030F679	10000P 16V M Y TA52
C622	0CN1030F679	10000P 16V M Y TA52
C623	0CE106DF618	10UF STD 16V M FL TP5
C624	0CX5600K409	56P 50V J SL TA52
C625	0CX5600K409	56P 50V J SL TA52
C626	0CN4710K519	470P 50V K B TA52
C627	0CX5600K409	56P 50V J SL TA52
C628	0CC0200K115	2P 50V D NP0 TS
C629	0CC0200K115	2P 50V D NP0 TS
C630	0CN1030F679	10000P 16V M Y TA52
C631	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C631	0CE476DD618	47UF STD 10V 20% FL TP 5
C632	0CE476DF618	47UF STD 16V M FL TP5
C632	0CQ1041N455	0.1000UF 100V J PP NI FM7.5
C633	0CN2720F569	2700P 16V K X TA52
C634	0CN2720F569	2700P 16V K X TA52
C635	0CN2720F569	2700P 16V K X TA52
C636	0CN2720F569	2700P 16V K X TA52
C637	0CN1030F679	10000P 16V M Y TA52
C638	0CN1030F679	10000P 16V M Y TA52
C639	181-442Z	PE,ECQ-B1H104KF3(TR)
C640	181-442Z	PE,ECQ-B1H104KF3(TR)
C641	0CN1020K519	1000P 50V K B TA52
C641	0CE106DF618	10UF STD 16V M FL TP5
C642	0CN1020K519	1000P 50V K B TA52
C642	0CE477DF618	470UF STD 16V 20% FL TP 5
C643	0CE107DF618	100UF STD 16V M FL TP5
C644	0CE107DF618	100UF STD 16V M FL TP5
C645	0CE107DF618	100UF STD 16V M FL TP5
C646	0CE1074F618	100UF SRA 16V M FL TP5
C648	0CN1040K949	0.1M 50V Z F TA52
C649	0CN1040K949	0.1M 50V Z F TA52
C650	0CE477DN650	470UF STD 100V 20% FM7.5 BULK
C651	0CQ2231N509	0.022U 100V K POLY TP
C652	0CQ2231N509	0.022U 100V K POLY TP
C653	0CE106DK618	10UF STD 50V M FL TP5

LOCA. NO	PART NO	DESCRIPTION
C654	0CE106DK618	10UF STD 50V M FL TP5
C655	0CE226DK618	22UF STD 50V M FL TP5
C656	0CE226DK618	22UF STD 50V M FL TP5
C657	0CQ1041N455	0.1000UF 100V J PP NI FM7.5
C658	0CQ1041N455	0.1000UF 100V J PP NI FM7.5
C659	0CE108DK61A	1000UF STD 50V M FL TP7.5
C661	0CQ1041N455	0.1000UF 100V J PP NI FM7.5
C662	181-007G	MPE ECQ-V1H334JL3(TR), 50V 0.33UF J
C662	0CQ1041N455	0.1000UF 100V J PP NI FM7.5
C663	0CE105DK618	1UF STD 50V M FL TP5
C663	181-007G	MPE ECQ-V1H334JL3(TR), 50V 0.33UF J
C664	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C666	0CE108DK61A	1000UF STD 50V M FL TP7.5
C671	181-007H	MPE ECQ-V1H474JL3(TR), 50V 0.47UF J
C673	0CE106DK618	10UF STD 50V M FL TP5
C675	0CE226DK618	22UF STD 50V M FL TP5
C677	0CQ1041N455	0.1000UF 100V J PP NI FM7.5
C679	0CE108DK61A	1000UF STD 50V M FL TP7.5
C680	0CN1040K949	0.1M 50V Z F TA52
C681	0CN4710K519	470P 50V K B TA52
C681	0CQ1041N455	0.1000UF 100V J PP NI FM7.5
C682	0CN4710K519	470P 50V K B TA52
C682	0CQ1041N455	0.1000UF 100V J PP NI FM7.5
C683	0CE105DK618	1UF STD 50V M FL TP5
C684	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C801	0CE477DF618	470UF STD 16V 20% FL TP 5
C803	181-091G	DEHR33D471KN3A 470PF 2KV 10%,-10% R/TP
C806	181-014Y	MPP 1.6KV 0.0015UF J
C807	181-091C	DEHR33A471KN2A 470PF 1KV 10%,-10% R/TP
C808	0CE107BJ618	100UF KME 35V M FL TP5
C809	0CK1020K515	1000P 50V K B TS
C811	181-120K	2200PF 4KV M E FMTW LEAD 4.5
C812	0CK1020W515	1000P 500V K B TS
C813	181-091D	DEHR33A102KN2A 1000PF 1KV 10%,-10% R/TP
C814	0CQZVBK002A	A.C 275V 0.1UF M (S=15)
C815	181-091C	DEHR33A471KN2A 470PF 1KV 10%,-10% R/TP
C816	181-091D	DEHR33A102KN2A 1000PF 1KV 10%,-10% R/TP
C817	0CN1030F679	10000P 16V M Y TA52
C818	0CN1040K949	0.1M 50V Z F TA52
C821	181-001U	LUG(85) 470UF 450V 20% FM
C851	0CK1020W515	1000P 500V K B TS
C852	181-091C	DEHR33A471KN2A 470PF 1KV 10%,-10% R/TP
C853	0CE108DF618	1000UF STD 16V M FL TP5
C854	0CE227DJ618	220UF STD 35V M FL TP5
C855	0CE477DD618	470UF STD 10V M FL TP5
C856	181-091C	DEHR33A471KN2A 470PF 1KV 10%,-10% R/TP
C857	0CE228BF618	2200UF KME 16V M FL TP5
C858	0CE108BF618	1000UF KME 16V M FL TP5
C859	181-091C	DEHR33A471KN2A 470PF 1KV 10%,-10% R/TP
C860	0CE107DF618	100UF STD 16V M FL TP5
C861	0CE108BF618	1000UF KME 16V M FL TP5
C862	0CE475CK636	4.7UF SHL,SD 50V 20% FM5 BP(D) TP

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LOCA. NO	PART NO	DESCRIPTION
C863	181-091C	DEHR33A471KN2A 470PF 1KV 10%,-10% R/TP
C865	0CE228CL611	2200UF SHL,SD 63V M FL BK7.5
C866	0CK4710W515	470PF 500V K B TR
C867	0CE107DN618	100UF STD 100V M FL TP5
C868	0CE227DD618	220UF STD 10V M FL TP5
C869	0CE106DH618	10UF STD 25V M FL TP5
C870	181-091D	DEHR33A102KN2A 1000PF 1KV 10%,-10% R/TP
C871	0CE227DP650	220UF STD 160V M FM7.5 BULK
C872	0CE227BP650	220UF KME TYPE 160V 20% FM7.5 BULK
C873	0CQ1041N509	0.1U 100V K POLY TP
C875	0CE108BF618	1000UF KME 16V M FL TP5
C900	0CE475BR618	4.7UF KME TYPE 250V 20% FL TP 5
C901	0CE475BR618	4.7UF KME TYPE 250V 20% FL TP 5
C902	0CE475DR618	4.7UF STD 250V 20% FL TP 5
C903	0CC0500K115	5P 50V D NP0 TS
C904	0CE475BR618	4.7UF KME TYPE 250V 20% FL TP 5
C905	0CK5610W515	560P 500V K B TS
C906	0CN1040K949	0.1M 50V Z F TA52
C907	0CN1040K949	0.1M 50V Z F TA52
C908	0CE475DR618	4.7UF STD 250V 20% FL TP 5
C910	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C911	0CN1040K949	0.1M 50V Z F TA52
C912	0CN1040K949	0.1M 50V Z F TA52
C914	0CE228DF618	2200UF STD 16V M FL TP5
C915	0CK5610W515	560P 500V K B TS
C916	181-033T	2KV B 222K TP7.5
C917	0CN1040K949	0.1M 50V Z F TA52
C918	0CC0500K115	5P 50V D NP0 TS
C919	0CK5610W515	560P 500V K B TS
C925	0CN1040K949	0.1M 50V Z F TA52
C950	0CN1030F679	10000P 16V M Y TA52
C951	0CE107DF618	100UF STD 16V M FL TP5
C952	0CN1510K519	150P 50V K B TA52
C953	0CE107DJ618	100UF STD 35V M FL TP5
C954	0CE107DF618	100UF STD 16V M FL TP5
C955	0CK1010W515	100P 500V K B TS
C956	0CE106DP618	10UF STD 160V M FL TP5
C957	0CK1030W510	0.01U 500V K B S
C958	0CE107DF618	100UF STD 16V M FL TP5
C959	0CK1030W510	0.01U 500V K B S
C960	0CE106DP618	10UF STD 160V M FL TP5

COIL & TRANSFORMER

L001	0LC1032101A	INDUCTOR,CHIP10UH 10% 3216 R/TC
L002	0LC1032101A	INDUCTOR,CHIP10UH 10% 3216 R/TC
L006	0LC1032101A	INDUCTOR,CHIP10UH 10% 3216 R/TC
L007	0LC1032101A	INDUCTOR,CHIP10UH 10% 3216 R/TC
L008	0LC1032101A	INDUCTOR,CHIP10UH 10% 3216 R/TC
L011	0LC1032101A	INDUCTOR,CHIP10UH 10% 3216 R/TC
L101	0LA0102K139	INDUCTOR,AXIAL LEAD10UH K 4*10.5 TP
L101	0LC1032101A	INDUCTOR,CHIP10UH 10% 3216 R/TC
L102	0LC1032101A	INDUCTOR,CHIP10UH 10% 3216 R/TC

LOCA. NO	PART NO	DESCRIPTION
L103	0LC1032101A	INDUCTOR,CHIP10UH 10% 3216 R/TC
L105	0LC1032101A	INDUCTOR,CHIP10UH 10% 3216 R/TC
L1101	0LA1000K119	INDUCTOR,AXIAL LEAD 100UH K 2.3*3.4 TP
L1201	0LA0472K119	INDUCTOR,AXIAL LEAD 47UH K 2.3*3.4 TP
L1202	0LA0472K119	INDUCTOR,AXIAL LEAD 47UH K 2.3*3.4 TP
L1203	0LA0472K119	INDUCTOR,AXIAL LEAD 47UH K 2.3*3.4 TP
L1204	0LA0472K119	INDUCTOR,AXIAL LEAD 47UH K 2.3*3.4 TP
L204	0LA0102K119	INDUCTOR,AXIAL LEAD 10UH K 2.3*3.4 TP
L205	0LA0102K119	INDUCTOR,AXIAL LEAD 10UH K 2.3*3.4 TP
L206	0LA0102K119	INDUCTOR,AXIAL LEAD 10UH K 2.3*3.4 TP
L207	0LA0102K119	INDUCTOR,AXIAL LEAD 10UH K 2.3*3.4 TP
L301	0LA0821K119	INDUCTOR,AXIAL LEAD 8.2UH K 2.3*3.4 TP
L301	0LA0102K119	INDUCTOR,AXIAL LEAD 10UH K 2.3*3.4 TP
L302	0LA0102K119	INDUCTOR,AXIAL LEAD 10UH K 2.3*3.4 TP
L304	0LA0102K119	INDUCTOR,AXIAL LEAD 10UH K 2.3*3.4 TP
L305	0LA0102K119	INDUCTOR,AXIAL LEAD 10UH K 2.3*3.4 TP
L307	0LA0102K119	INDUCTOR,AXIAL LEAD 10UH K 2.3*3.4 TP
L309	0LA0102K119	INDUCTOR,AXIAL LEAD 10UH K 2.3*3.4 TP
L333	150-C02V	COIL,CHOKE 10UH R 1318
L334	150-C02V	COIL,CHOKE 10UH R 1318
L401	6140VY0016A	COIL,LINEARITY 23.5TURN L81 YL81 5.2UH 4T*5T
L402	150-C13B	COIL,CHOKE52UH PHY TURN
L403	150-C13B	COIL,CHOKE52UH PHY TURN
L404	150-W01A	COIL,CHOKEWIDTH 24UH
L407	150-717K	COIL,CHOKE1.1UH PHY TURN
L501	0LC2232101A	INDUCTOR,CHIP22UH 10% 3216 R/TC
L502	0LC4732101A	INDUCTOR,CHIP4.7UH 10% 3216 R/TC
L503	0LC4732101A	INDUCTOR,CHIP4.7UH 10% 3216 R/TC
L601	0LA0102K119	INDUCTOR,AXIAL LEAD10UH K 2.3*3.4 TP
L603	0LA0102K119	INDUCTOR,AXIAL LEAD10UH K 2.3*3.4 TP
L604	0LA0102K119	INDUCTOR,AXIAL LEAD10UH K 2.3*3.4 TP
L605	0LA0102K119	INDUCTOR,AXIAL LEAD10UH K 2.3*3.4 TP
L606	0LA0102K119	INDUCTOR,AXIAL LEAD10UH K 2.3*3.4 TP
L850	6170VZ0008A	TRANSFORMER,30500UH REACTOR TRANS
L853	150-C02F	COIL,CHOKE82UH PHY TURN
L901	0LA0272K139	INDUCTOR,AXIAL LEAD27UH K 4X10.5 TP
R116	0LC0233002A	INDUCTOR,CHIP3.3UH CERATECH R/TP
T401	6170VC0002A	TRANSFORMER,DRIVER H-DRIVE EER-2619
T403	151-E06A	TRANSFORMER,POWER EER2834 0UH
T802	6170VMCA16Z	TRANSFORMER,SMPS[COIL]EE5555 390UH 0.25PHY

CONNECTOR

G18	387-907F	CONNECTOR,1P NON 350MM R-H UL 1617 AWG 22
G19	387-907F	CONNECTOR,1P NON 350MM R-H UL 1617 AWG 22
P003B	366-173J	CONNECTOR,2.5MM 10*2P AEPH-254 A/K R/A
P004B	366-173J	CONNECTOR,2.5MM 10*2P AEPH-254 A/K R/A
P005B	366-173L	CONNECTOR,2.5MM 12*2P AEPH-254 A/K R/N
P1	366-922L	CONNECTOR,2.5MM 12P GIL-G LG CABLE R/A
P101A	366-932E	CONNECTOR,2.5MM 6P GIL-G LG CABLE S
P101B	387-A06B	CONNECTOR,6P 2.5MM 150MM H-B UL 1007 AWG 26
P101C	366-922E	CONNECTOR,2.5MM 6P GIL-G LG CABLE R/A
P102	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO

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CE : Electrolytic

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RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
P1101	366-922L	CONNECTOR,2.5MM 12P GIL-G LG CABLE R/A
P1101A	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P1101B	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P1102	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P1103	387-552S	CONNECTOR,2P 10.0MM 400MM H-H UL1617AWG22
P1103A	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P1103B	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P18	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P19	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P190	6631V25A21A	CONNECTOR,3P 2.5MM 100MM B-H UL1007 AWG26
P2	366-922D	CONNECTOR,2.5MM 5P GIL-G LG CABLE R/A
P211B	366-173J	CONNECTOR,2.5MM 10*2P AEPH-254 A/K R/A
P212B	366-173G	CONNECTOR,2.5MM 8*2P AEPH-254 A/K R/A
P213B	366-173G	CONNECTOR,2.5MM 8*2P AEPH-254 A/K R/A
P214B	366-173H	CONNECTOR,2.5MM 9*2P AEPH-254 A/K R/N
P215B	366-173N	CONNECTOR,AEPH254-D28R(14*2)
P401	366-043K	CONNECTOR,PLUG(4P)
P403	6602V00004A	CONNECTOR,ETC 2P 10.16MM PDP
P601A	366-922L	CONNECTOR,2.5MM 12P GIL-G LG CABLE R/A
P601B	366-921L	CONNECTOR,2.5MM 12P GIL-G LG CABLE .
P602A	366-932C	CONNECTOR,2.5MM 4P GIL-G LG CABLE S
P602A	366-922C	CONNECTOR,2.5MM 4P GIL-G LG CABLE R/A
P602B	387-B04M	CONNECTOR,4P 2.5MM 800MM H-B
P605A	366-921L	CONNECTOR,2.5MM 12P GIL-G LG CABLE .
P640	387-A15D	CONNECTOR,12P 2.5MM 250MM H-B UL1007 AWG26
P650	366-922B	CONNECTOR,2.5MM 3P GIL-G LG CABLE R/A
P660	366-922C	CONNECTOR,2.5MM 4P GIL-G LG CABLE R/A
P670	366-922B	CONNECTOR,2.5MM 3P GIL-G LG CABLE R/A
P803A	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P803B	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P822A	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P822B	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P823	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P824	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P901A	366-922L	CONNECTOR,2.5MM 12P GIL-G LG CABLE R/A
P901B	366-921L	CONNECTOR,2.5MM 12P GIL-G LG CABLE .
P902A	366-921J	CONNECTOR,2.5MM 10P GIL-G LG CABLE .
P902B	387-A10G	CONNECTOR,10P 2.5MM 400MM H-B UL1007 AWG26
P905	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P906	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P950	366-932B	CONNECTOR,2.5MM 3P GIL-G LG CABLE S
RESISTOR		
F851	0RP0020J809	0.02 OHM 1 W 20% TA52
F853	0RP0020J809	0.02 OHM 1 W 20% TA52
F855	0RP0050H709	0.05 OHM 1/2 W 10% TA52
F856	0RP0020J809	0.02 OHM 1 W 20% TA52
FB854	0RF0470H609	0.47 OHM 1/2 W 5.00% TA52
FR359	0RP0050H709	0.05 OHM 1/2 W 10% TA52
FR360	0RP0050H709	0.05 OHM 1/2 W 10% TA52
FR442	0RF0201K607	2 OHM 2 W 5.00% TA62
FR443	0RP0050H709	0.05 OHM 1/2 W 10% TA52

LOCA. NO	PART NO	DESCRIPTION
FR448	0RP0050H709	0.05 OHM 1/2 W 10% TA52
J111	0RD3300A609	330 OHM 1/2 W(7.0) 5.00% TA52
J204	0RD1000F609	100 OHM 1/6 W 5% TA52
J315	0RS0101J607	1 OHM 1 W 5.00% TA62
L602	0RD0102A609	10 OHM 1/2 W(7.0) 5.00% TA52
R005	0RD2701F609	2.7K OHM 1/6 W 5% TA52
R006	0RD2701F609	2.7K OHM 1/6 W 5% TA52
R017	0RD2701F609	2.7K OHM 1/6 W 5% TA52
R018	0RD2701F609	2.7K OHM 1/6 W 5% TA52
R020	0RD2701F609	2.7K OHM 1/6 W 5% TA52
R022	0RD0102F609	10 OHM 1/6 W 5% TA52
R057	0RD1000F609	100 OHM 1/6 W 5% TA52
R094	0RD1001F609	1K OHM 1/6 W 5% TA52
R096	0RD1000F609	100 OHM 1/6 W 5% TA52
R097	0RD1000F609	100 OHM 1/6 W 5% TA52
R101	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R102	0RD0822F609	82 OHM 1/6 W 5.00% TA52
R103	0RS1801H609	1.8K OHM 1/2 W 5.00% TA52
R104	0RD0102F609	10 OHM 1/6 W 5% TA52
R105	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R107	0RD1000F609	100 OHM 1/6 W 5% TA52
R108	0RD1000F609	100 OHM 1/6 W 5% TA52
R109	0RD1000F609	100 OHM 1/6 W 5% TA52
R110	0RD1000F609	100 OHM 1/6 W 5% TA52
R1102	0RD1301F609	1.3K OHM 1/6 W 5.00% TA52
R1103	0RD2201F609	2.2K OHM 1/6 W 5.00% TA52
R1104	0RD8201F609	8.2K OHM 1/6 W 5.00% TA52
R1106	0RD1301F609	1.3K OHM 1/6 W 5.00% TA52
R1107	0RD1000F609	100 OHM 1/6 W 5% TA52
R1108	0RD1000F609	100 OHM 1/6 W 5% TA52
R1109	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R111	0RD8201F609	8.2K OHM 1/6 W 5.00% TA52
R1110	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R1111	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R1112	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R1113	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R1114	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R1115	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R1116	0RD0222F609	22 OHM 1/6 W 5.00% TA52
R1117	0RD1001F609	1K OHM 1/6 W 5% TA52
R1118	0RD4702F609	47K OHM 1/6 W 5% TA52
R112	0RD1002F609	10K OHM 1/6 W 5% TA52
R113	0RD0102F609	10 OHM 1/6 W 5% TA52
R1130	0RKZVTA001K	0.47M OHM 1/2 W 5% TA52
R116	0RD1002F609	10K OHM 1/6 W 5% TA52
R117	0RD2201F609	2.2K OHM 1/6 W 5.00% TA52
R119	0RD0102F609	10 OHM 1/6 W 5% TA52
R1204	0RD2403F609	240K OHM 1/6 W 5.00% TA52
R1206	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R1208	0RD2403F609	240K OHM 1/6 W 5.00% TA52
R1212	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R125	0RD1000F609	100 OHM 1/6 W 5% TA52

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	RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
R1251	0RS0332K619	33 OHM 2 W 5% TR
R1252	0RS0332K619	33 OHM 2 W 5% TR
R126	0RD1000F609	100 OHM 1/6 W 5% TA52
R127	0RD1000F609	100 OHM 1/6 W 5% TA52
R128	0RD0222F609	22 OHM 1/6 W 5.00% TA52
R129	0RD1000F609	100 OHM 1/6 W 5% TA52
R1292	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R130	0RD1000F609	100 OHM 1/6 W 5% TA52
R131	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R132	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R133	0RD2400F609	240 OHM 1/6 W 5.00% TA52
R134	0RD1001F609	1K OHM 1/6 W 5% TA52
R135	0RS1801H609	1.8K OHM 1/2 W 5.00% TA52
R136	0RD1002F609	10K OHM 1/6 W 5% TA52
R137	0RD1002F609	10K OHM 1/6 W 5% TA52
R138	0RD0102F609	10 OHM 1/6 W 5% TA52
R145	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R146	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R147	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R190	0RD1000F609	100 OHM 1/6 W 5% TA52
R191	0RD1002F609	10K OHM 1/6 W 5% TA52
R192	0RD1000F609	100 OHM 1/6 W 5% TA52
R193	0RD1001F609	1K OHM 1/6 W 5% TA52
R194	0RD5101F609	5.1K OHM 1/6 W 5.00% TA52
R195	0RD1002F609	10K OHM 1/6 W 5% TA52
R196	0RD1001F609	1K OHM 1/6 W 5% TA52
R197	0RD0272A609	27 OHM 1/2 W(7.0) 5.00% TA52
R198	0RD4701F609	4.7K OHM 1/6 W 5% TA52
R199	0RD4701F609	4.7K OHM 1/6 W 5% TA52
R203	0RS0102K607	10 OHM 2 W 5.00% TA62
R205	0RS0271J607	2.7 OHM 1 W 5.00% TA62
R211	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R211	0RS0102K607	10 OHM 2 W 5.00% TA62
R217	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R219	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R275	0RD1000F609	100 OHM 1/6 W 5% TA52
R311	0RD1002F609	10K OHM 1/6 W 5% TA52
R312	0RD8202F609	82K OHM 1/6 W 5.00% TA52
R313	0RD1802F609	18K OHM 1/6 W 5.00% TA52
R314	0RD4701F609	4.7K OHM 1/6 W 5% TA52
R318	0RS0331K619	3.3 OHM 2 W 5% TR
R324	0RD0392F609	39 OHM 1/6 W 5.00% TA52
R325	0RD1502F609	15K OHM 1/6 W 5.00% TA52
R326	0RN5601F409	5.6K OHM 1/6 W 1.00% TA52
R327	0RN5601F409	5.6K OHM 1/6 W 1.00% TA52
R328	0RS3300K607	330 OHM 2 W 5.00% TA62
R329	0RN0101J607	1 OHM 1 W 5.00% TA62
R330	0RN0101J607	1 OHM 1 W 5.00% TA62
R331	0RN1001F409	1K OHM 1/6 W 1.00% TA52
R332	0RD1502F609	15K OHM 1/6 W 5.00% TA52
R401	0RD1002F609	10K OHM 1/6 W 5% TA52
R403	0RS1001K619	1K OHM 2 W 5% TR

LOCA. NO	PART NO	DESCRIPTION
R404	0RS4701K619	4.7K OHM 2 W 5% TR
R405	180-A01B	RW ROUND G 2W 0.11 K TA31(63)
R406	0RS0561K619	5.6 OHM 2 W 5% TR
R407	0RS6800K607	680 OHM 2 W 5.00% TA62
R408	0RD3301A609	3.3K OHM 1/2 W(7.0) 5.00% TA52
R410	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52
R412	0RD1004F609	1M OHM 1/6 W 5% TA52
R413	0RN4701F409	4.7K OHM 1/6 W 1.00% TA52
R414	0RD3902F609	39K OHM 1/6 W 5.00% TA52
R415	0RN1501F409	1.5K OHM 1/6 W 1.00% TA52
R416	0RN4702F409	47K OHM 1/6 W 1.00% TA52
R417	0RD4700F609	470 OHM 1/6 W 0.05 TA52
R418	0RD2701A609	2.7K OHM 1/2 W(7.0) 5.00% TA52
R419	0RN1501F409	1.5K OHM 1/6 W 1.00% TA52
R420	0RD1001F609	1K OHM 1/6 W 5% TA52
R421	0RD0221F609	2.2 OHM 1/6 W 5.00% TA52
R422	0RD1001A609	1K OHM 1/2 W(7.0) 5.00% TA52
R423	0RD1001A609	1K OHM 1/2 W(7.0) 5.00% TA52
R424	0RS0561K607	5.6 OHM 2 W 5.00% TA62
R425	0RD2400A609	240 OHM 1/2 W(7.0) 5.00% TA52
R426	0RD1000A609	100 OHM 1/2 W(7.0) 5.00% TA52
R430	0RS4701H609	4.7K OHM 1/2 W 5.00% TA52
R431	0RS6802H609	68K OHM 1/2 W 5.00% TA52
R434	0RS3901H609	3.9K OHM 1/2 W 5.00% TA52
R450	0RD0221A609	2.2 OHM 1/2 W(7.0) 5.00% TA52
R451	180-C02M	5.6K OHM 1/2 W 10% TA52 ERC12GK562V
R490	180-B01E	RS RECT S 5W 15K J DOUBLE
R490	0RD1000H609	100 OHM 1/2 W 5.00% TA52
R491	0RD6201F609	6.2K OHM 1/6 W 5.00% TA52
R492	0RD4702F609	47K OHM 1/6 W 5% TA52
R493	0RD4703F609	470K OHM 1/6 W 5.00% TA52
R495	0RD1003F609	100K OHM 1/6 W 5% TA52
R496	0RD2201F609	2.2K OHM 1/6 W 5.00% TA52
R497	0RD9101F609	9.1K OHM 1/6 W 5.00% TA52
R498	0RD1001F609	1K OHM 1/6 W 5% TA52
R514	0RN4701F409	4.7K OHM 1/6 W 1.00% TA52
R536	0RN1002F409	10K OHM 1/6 W 1.00% TA52
R601	0RD2701F609	2.7K OHM 1/6 W 5% TA52
R602	0RD2701F609	2.7K OHM 1/6 W 5% TA52
R611	0RD0102F609	10 OHM 1/6 W 5% TA52
R612	0RD1000F609	100 OHM 1/6 W 5% TA52
R613	0RD1000F609	100 OHM 1/6 W 5% TA52
R614	0RD1002F609	10K OHM 1/6 W 5% TA52
R615	0RD1002F609	10K OHM 1/6 W 5% TA52
R616	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R617	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R618	0RD0471F609	4.7 OHM 1/6 W 5% TA52
R619	0RD0471F609	4.7 OHM 1/6 W 5% TA52
R620	0RD0122F609	12 OHM 1/6 W 5.00% TA52
R621	0RD0122F609	12 OHM 1/6 W 5.00% TA52
R623	0RD1000F609	100 OHM 1/6 W 5% TA52
R624	0RD1000F609	100 OHM 1/6 W 5% TA52

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digit in the P/No. means as
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CQ : Polyester
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
R625	0RD1000F609	100 OHM 1/6 W 5% TA52
R628	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52
R629	0RD3901F609	3.9K OHM 1/6 W 5% TA52
R630	0RD1000F609	100 OHM 1/6 W 5% TA52
R631	0RD1001F609	1K OHM 1/6 W 5% TA52
R632	0RD4703F609	470K OHM 1/6 W 5.00% TA52
R632	0RD3901F609	3.9K OHM 1/6 W 5% TA52
R633	0RD1502F609	15K OHM 1/6 W 5.00% TA52
R633	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52
R634	0RD1002F609	10K OHM 1/6 W 5% TA52
R634	0RD1000F609	100 OHM 1/6 W 5% TA52
R635	0RD1001F609	1K OHM 1/6 W 5% TA52
R636	0RD2002F609	20K OHM 1/6 W 5.00% TA52
R641	0RD2703F609	270K OHM 1/6 W 0.05 TA52
R642	0RD1001F609	1K OHM 1/6 W 5% TA52
R643	0RD1000F609	100 OHM 1/6 W 5% TA52
R644	0RD2201F609	2.2K OHM 1/6 W 5.00% TA52
R645	0RD1002F609	10K OHM 1/6 W 5% TA52
R646	0RD1002F609	10K OHM 1/6 W 5% TA52
R651	0RD5100F609	510 OHM 1/6 W 5.00% TA52
R652	0RD5100F609	510 OHM 1/6 W 5.00% TA52
R653	0RD1002F609	10K OHM 1/6 W 5% TA52
R654	0RD1002F609	10K OHM 1/6 W 5% TA52
R655	0RD5101F609	5.1K OHM 1/6 W 5.00% TA52
R656	0RD5101F609	5.1K OHM 1/6 W 5.00% TA52
R657	0RD4703F609	470K OHM 1/6 W 5.00% TA52
R658	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52
R658	0RD1001F609	1K OHM 1/6 W 5% TA52
R659	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52
R659	0RD1001F609	1K OHM 1/6 W 5% TA52
R660	0RD4703F609	470K OHM 1/6 W 5.00% TA52
R661	0RD1001F609	1K OHM 1/6 W 5% TA52
R662	0RD1001F609	1K OHM 1/6 W 5% TA52
R663	0RD1602F609	16K OHM 1/6 W 5.00% TA52
R664	0RD1602F609	16K OHM 1/6 W 5.00% TA52
R665	0RD0471F609	4.7 OHM 1/6 W 5% TA52
R666	0RD0471F609	4.7 OHM 1/6 W 5% TA52
R667	0RD9102F609	91K OHM 1/6 W 5.00% TA52
R668	0RD2202F609	22K OHM 1/6 W 5% TA52
R668	0RD1001F609	1K OHM 1/6 W 5% TA52
R669	0RD1003F609	100K OHM 1/6 W 5% TA52
R669	0RD1001F609	1K OHM 1/6 W 5% TA52
R671	0RD5100F609	510 OHM 1/6 W 5.00% TA52
R675	0RD5101F609	5.1K OHM 1/6 W 5.00% TA52
R677	0RD4703F609	470K OHM 1/6 W 5.00% TA52
R679	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52
R680	0RD1300A609	130 OHM 1/2 W(7.0) 5.00% TA52
R681	0RD1001F609	1K OHM 1/6 W 5% TA52
R683	0RD1602F609	16K OHM 1/6 W 5.00% TA52
R685	0RD0471F609	4.7 OHM 1/6 W 5% TA52
R687	0RD9102F609	91K OHM 1/6 W 5.00% TA52
R688	0RD2202F609	22K OHM 1/6 W 5% TA52

LOCA. NO	PART NO	DESCRIPTION
R689	0RD1003F609	100K OHM 1/6 W 5% TA52
R690	0RS4701K619	4.7K OHM 2 W 5% TR
R691	0RS4701K619	4.7K OHM 2 W 5% TR
R803	0RD0201A609	2 OHM 1/2 W(7.0) 5.00% TA52
R804	0RD4701F609	4.7K OHM 1/6 W 5% TA52
R805	0RD1001F609	1K OHM 1/6 W 5% TA52
R806	180-A01P	0.13 OHM 2 W 5% TA62 RWR
R807	0RK8204H609	8.2M OHM 1/2 W 5.00% TA52
R808	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R809	0RS2402K607	24K OHM 2 W 5.00% TA62
R810	0RS2402K619	24K OHM 2 W 5% TR
R816	180-A01N	0.18 OHM 2 W 5% TA62 PRW
R832	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R833	0RD2203A609	220K OHM 1/2 W(7.0) 5.00% TA52
R850	0RS0331K607	3.3 OHM 2 W 5.00% TA62
R852	0RS0102K607	10 OHM 2 W 5.00% TA62
R853	0RD4701F609	4.7K OHM 1/6 W 5% TA52
R854	0RD4702F609	47K OHM 1/6 W 5% TA52
R857	0RD2701F609	2.7K OHM 1/6 W 5% TA52
R859	0RD7501F609	7.5K OHM 1/6 W 5.00% TA52
R860	0RD4701F609	4.7K OHM 1/6 W 5% TA52
R862	0RD4702F609	47K OHM 1/6 W 5% TA52
R863	0RD2001F609	2K OHM 1/6 W 5% TA52
R864	0RF0161K607	1.6 OHM 2 W 5.00% TA62
R865	0RF0161K607	1.6 OHM 2 W 5.00% TA62
R866	0RS1002H609	10K OHM 1/2 W 5.00% TA52
R867	0RD7502A609	75K OHM 1/2 W(7.0) 5.00% TA52
R868	0RD1002F609	10K OHM 1/6 W 5% TA52
R869	0RD4701F609	4.7K OHM 1/6 W 5% TA52
R870	0RD4702F609	47K OHM 1/6 W 5% TA52
R873	0RD4701F609	4.7K OHM 1/6 W 5% TA52
R876	0RN1501F409	1.5K OHM 1/6 W 1.00% TA52
R877	0RD4701F609	4.7K OHM 1/6 W 5% TA52
R902	0RD4702F609	47K OHM 1/6 W 5% TA52
R903	0RS5602K607	56K OHM 2 W 5.00% TA62
R905	0RD9100F609	910 OHM 1/6 W 5.00% TA52
R906	0RD1001F609	1K OHM 1/6 W 5% TA52
R907	0RS5602K607	56K OHM 2 W 5.00% TA62
R908	0RS4700H609	470 OHM 1/2 W 5.00% TA52
R909	0RN3302F409	33K OHM 1/6 W 1.00% TA52
R910	0RF0391K607	3.9 OHM 2 W 5.00% TA62
R911	0RD1001F609	1K OHM 1/6 W 5% TA52
R912	0RN5601F409	5.6K OHM 1/6 W 1.00% TA52
R914	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R915	0RD9100F609	910 OHM 1/6 W 5.00% TA52
R916	0RKZVTA001L	1.0M OHM 1/2 W 5% TA52 UL
R917	0RD1803H609	180K OHM 1/2 W 5% TA52
R918	0RS5602K607	56K OHM 2 W 5.00% TA62
R921	0RN3001F409	3K OHM 1/6 W 1.00% TA52
R929	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R930	0RS4700H609	470 OHM 1/2 W 5.00% TA52
R938	0RS4700H609	470 OHM 1/2 W 5.00% TA52

For Capacitor & Resistors,
the characters at 2nd and 3rd
digit in the P/No. means as
follows;

CC, CX, CK, CN : Ceramic	RD : Carbon Film
CQ : Polyester	RS : Metal Oxide Film
CE : Electrolytic	RN : Metal Film
	RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
R946	0RD9100F609	910 OHM 1/6 W 5.00% TA52
R947	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R950	0RD1000F609	100 OHM 1/6 W 5% TA52
R951	0RS0392J607	39 OHM 1 W 5.00% TA62
R952	0RD0622F609	62 OHM 1/6 W 5.00% TA52
R953	0RS4300J607	430 OHM 1 W 5.00% TA62
R954	0RS3300J607	330 OHM 1 W 5.00% TA62
R955	0RS2701K607	2.7K OHM 2 W 5.00% TA62
RA001	0RRZVTA001D	22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES
RA002	0RRZVTA001D	22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES
RA003	0RRZVTA001D	22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES
RA004	0RRZVTA001D	22 OHM 1 / 16 W 1608 5% R/TP 4P E24 SERIES
RC601	180-777H	RWR 7W 910 J VERT
ZD851	0RD4702F609	47K OHM 1/6 W 5% TA52

SPARK GAP

SG904	6918VAX002D	SPARK GAP,AXIAL WSP-301M 300V 20% 5MM
SG905	6918VAX002D	SPARK GAP,AXIAL WSP-301M 300V 20% 5MM
SG906	6918VAX002D	SPARK GAP,AXIAL WSP-301M 300V 20% 5MM
SG907	6918VAX002H	SPARK GAP,AXIAL WSP-122N 1200V -100V,+300V
SG908	6918VAX002D	SPARK GAP,AXIAL WSP-301M 300V 20% 5MM

SWITCH

SW01	140-315F	SWITCH,TACT 4LEAD 0V 0.02A HORIZONTAL 160G
SW02	140-315F	SWITCH,TACT 4LEAD 0V 0.02A HORIZONTAL 160G
SW03	140-315F	SWITCH,TACT 4LEAD 0V 0.02A HORIZONTAL 160G
SW04	140-315F	SWITCH,TACT 4LEAD 0V 0.02A HORIZONTAL 160G
SW05	140-315F	SWITCH,TACT 4LEAD 0V 0.02A HORIZONTAL 160G
SW06	140-315F	SWITCH,TACT 4LEAD 0V 0.02A HORIZONTAL 160G
SW1101	6600VM2002A	SWITCH,PUSH IEC 250V 8A HORIZONTAL 480G

FILTER & CRYSTAL

FB204	125-022K	FILTER,EMC FERRITE 1UH TAPING
FB301	125-022K	FILTER,EMC FERRITE 1UH TAPING
FB802	125-022K	FILTER,EMC FERRITE 1UH TAPING
FB805	125-022K	FILTER,EMC FERRITE 1UH TAPING
FB852	125-022K	FILTER,EMC FERRITE 1UH TAPING
FB853	125-022K	FILTER,EMC FERRITE 1UH TAPING
FB855	125-022K	FILTER,EMC FERRITE 1UH TAPING
FB856	125-022K	FILTER,EMC FERRITE 1UH TAPING
FB901	125-123A	FILTER,EMC FERRITE BFD3565R2F(TAPING)
FB902	125-022K	FILTER,EMC FERRITE 1UH TAPING
FL201S	6200VKR001B	FILTER,EMC LPF 2EA SMD TH355LSK-K5214
FL202S	6200VKR001A	FILTER,EMC LPF 1EA SMD H354LAI-K5206
FL203S	6200VKR001A	FILTER,EMC LPF 1EA SMD H354LAI-K5206
FL301	125-022K	FILTER,EMC FERRITE 1UH TAPING
FL302	125-022K	FILTER,EMC FERRITE 1UH TAPING
J14	125-022K	FILTER,EMC FERRITE 1UH TAPING
J814	125-022K	FILTER,EMC FERRITE 1UH TAPING
J831	125-022K	FILTER,EMC FERRITE 1UH TAPING
L101	6210VC0006A	FILTER,EMC 3.2X1.6X1.6MM R/TP
L102	125-022K	FILTER,EMC FERRITE 1UH TAPING

LOCA. NO	PART NO	DESCRIPTION
L104	125-022K	FILTER,EMC FERRITE 1UH TAPING
L104	6210VC0006A	FILTER,EMC 3.2X1.6X1.6MM R/TP
L105	6210VC0006A	FILTER,EMC 3.2X1.6X1.6MM R/TP
L106	6210VC0006A	FILTER,EMC 3.2X1.6X1.6MM R/TP
L152	6210VC0006A	FILTER,EMC 3.2X1.6X1.6MM R/TP
L201	6210VC0006A	FILTER,EMC 3.2X1.6X1.6MM R/TP
L202	6210VC0006A	FILTER,EMC 3.2X1.6X1.6MM R/TP
T1103	150-F06L	FILTER,EMC SQE2930 10MH PHY TURN
T811	150-F06T	FILTER,EMC SQE3535 20MH PHY TURN
X001	156-A01L	RESONATOR,CRYSTAL 6.000MHZ 30PPM 16PF BK
X101	156-A01L	RESONATOR,CRYSTAL 6.000MHZ 30PPM 16PF BK
X101	6202VDB007B	RESONATOR,CRYSTAL 20.250MHZ 30PPM 13PF BK
X102	166-E02F	RESONATOR,MURATA 500KHZ BK .
X501	6212BA2002C	RESONATOR,2.69MHZ +/- 15 PPM BULK
X601	156-A02M	RESONATOR,CRYSTAL 18.432MHZ 30PPM 10PF BK

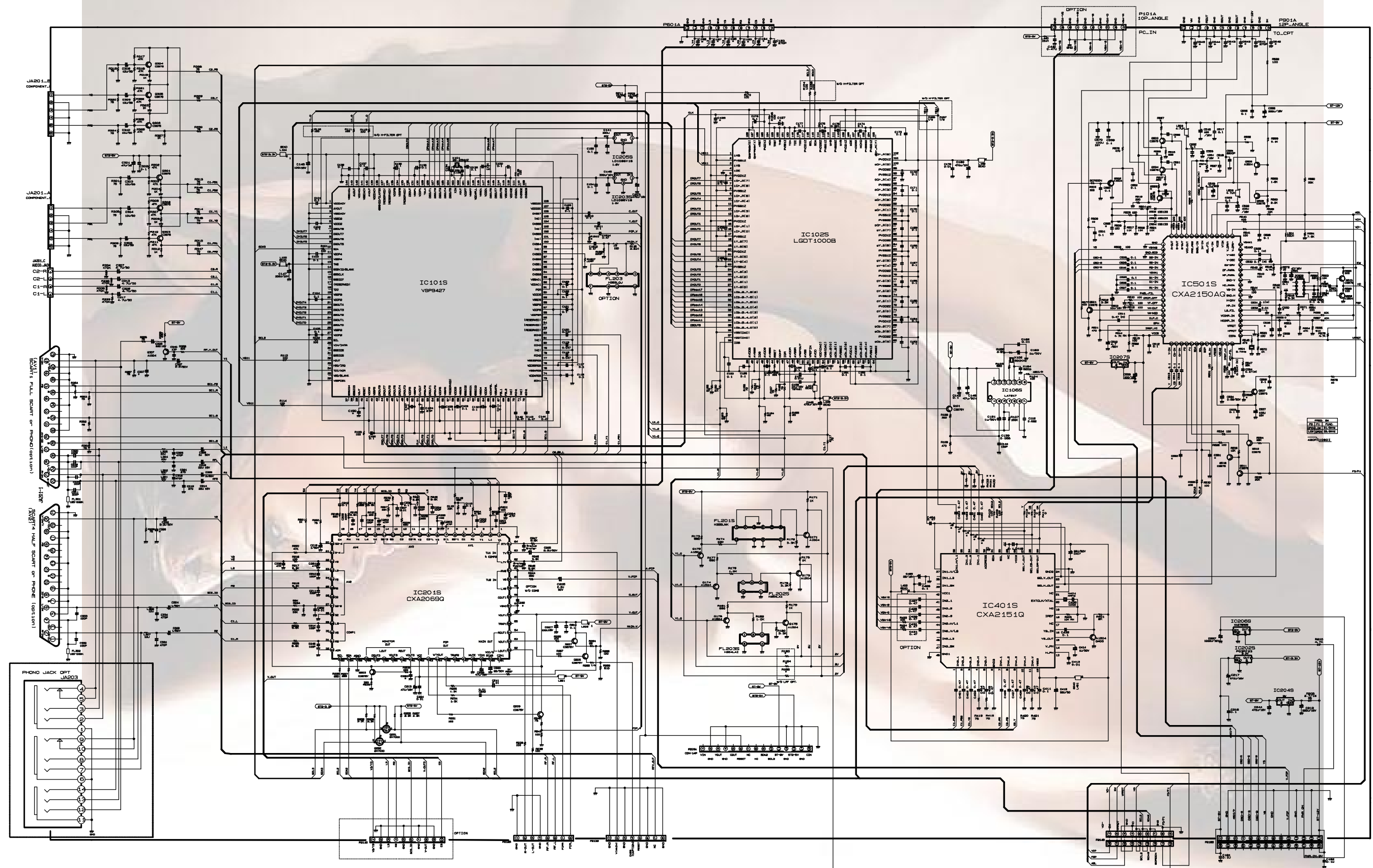
ACCESSORIES

A1	3828VA0430G	MANUAL,OWNERS MC035A ES/PB LG SP/PO
A2	3828VD0155A	MANUAL,SERVICEMC035A RZ-32FZ40RB LG
A3	6710V00125A	REMOTE CONTROLLER MC035A NON 32FZ40
A6	6851V00022C	CABLE ASSY COAXIAL(150MM),ANGEL-ANGLE NON

MISCELLANEOUS

F1101	0FS4001B53C	FUSE,SLOW BLOW 4000MA 250 V 5.2X20 CY/CE
JA1	6613V00010A	JACK ASSY,PMJ016A A/V 3P+S VHS+E/P
JA201-1	6612VMH002A	JACK,SCART PMJ020A 2X21 PIN ABOVE 4.5MM
JA205	6613V00011A	JACK ASSY,21P SCART+A/V 2P(MONO)
LED1102	3720V00216A	PANELNON 32FZ40 NON INDEX, LED DISPLAY
RL801	6920VB1001E	RELAY,5V 0.05A 250V 5A 100 OHM 1A
RL802	6920VB1001E	RELAY,5V 0.05A 250V 5A 100 OHM 1A
SK902	6620VBD002A	SOCKET (CIRC),CPT 9PIN 14/360 STRAIGHT
T402	6174V-6010A	FBT,6174Z-6005S 29 JEONGWOO 13V
TH801	163-058D	THERMISTOR,7 OHM 20% 80/60
TH810	163-048D	THERMISTOR,KL15L2R5 +/- 15% 125V
TU101	6700SP0001A	TUNER,SECAM L/L°Ø & PAL B/G,I/I,D/K .
TU102	6700SP0001B	TUNER,NTSC M/N & PAL B/G,I/I,D/K SUB
VD801	164-003K	VARISTOR,SVC621D-14A ILJIN 620V 0%
ZN1101	164-003K	VARISTOR,SVC621D-14A ILJIN 620V 0%

MC-035A CHASSIS PROGRESSIVE CIRCUIT(FOR PAL)





SVC. SHEET : 3854VA0123A-S1

SVC. SHEET

SVC. SHEET