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PLASMA TV

SERVICE MANUAL

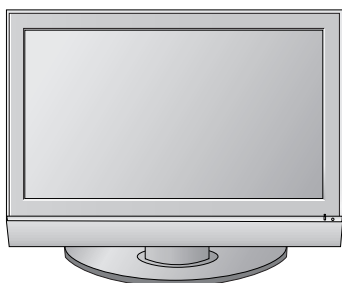
CHASSIS : PD73A

MODEL : 50PC56

50PC56-ZD

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 $\triangle$ 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 monitor 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.

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.

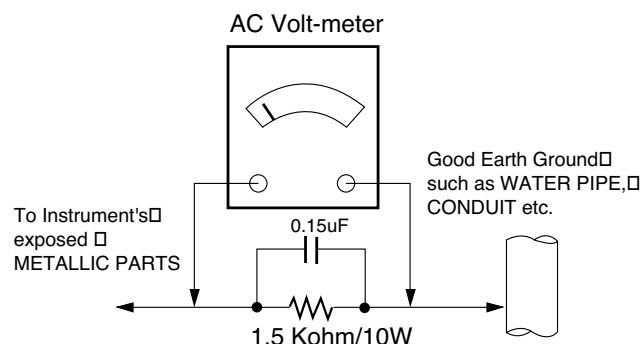
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.

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

■ Application Range

This spec is applied to the 50" PLASMA TV used PD73A Chassis.

Chassis	Model Name	Market	Brand	Remark
PD73A	50PC56-ZD	UK, German, Italy, France, Sweden, Finland, Spain, Netherlands, Belgium, Luxemburg, Greece, Denmark, Czech, Austria, Poland, Portugal, Norway, Rumania, Hungary , Bulgaria, Croatia, Serbia, Swiss, Slovenia, Russia	LG	

■ Specification

Each part is tested as below without special appointment.

- 1) Temperature : 25±5°C (77±9°F), CST : 40±5
- 2) Relative Humidity: 65±10%
- 3) Power Voltage: Standard Input voltage (100-240V~, 50/60Hz)
* Standard Voltage of each product is marked by models.
- 4) Specification and performance of each parts are followed each drawing and specification by part number in accordance with SBOM.
- 5) The receiver must be operated for about 20 minutes prior to the adjustment.

■ Test Method

- 1) Performance : LGE TV test method followed.
- 2) Demanded other specification
Safety : CE, IEC specification
EMC : CE, IEC

Model	Market	Appliance	Remark
50PC56	UK, German, Italy, France, Sweden, Finland, Spain, Netherlands, Belgium, Luxemburg, Greece, Denmark, Czech, Austria, Poland, Portugal, Norway, Rumania, Hungary , Bulgaria, Croatia, Serbia, Swiss, Slovenia, Russia	Safety : IEC/EN60065 EMI : EN55013 EMS : EN55020	TEST

■ General Specification

1. Module Specification (50" WXGA MODULE)

No	Item	Specification	Remark
1	Display Screen Device	50" Wide Color Display Module	Plasma Display Panel
2	Aspect Ratio	16:9	
3	PDP Module	PDP50X4, RGB Closed Type, Film Filter	
4	Operating Environment	1)Temp. : 0~40deg 2)Humidity : 20~80%	LGE SPEC.
5	Storage Environment	3)Temp. : -20~60deg 4)Humidity : 10~90%	
6	Input Voltage	100-240V~, 50/60Hz	Maker LG

2. Model General Specification

No	Item	Specification	Remark
1	Market	UK, German, Italy, France, Sweden, Finland, Spain, Netherlands, Belgium, Luxemburg, Greece, Denmark, Czech, Austria, Poland, Portugal, Norway, Rumania, Hungary , Bulgaria, Croatia, Serbia, Swiss, Slovenia, Russia	Analog Only
2	roadcasting system	1) PAL-BG 2) PAL-DK 3) PAL-I,I' 4) DVB-T(ID TV) 5) SECAM-L/L'	
3	Receiving system	Analog : Upper Heterodyne Digital : COFDM	
4	Scart Jack (2EA)	PAL, SECAM	
5	Video Input (1EA)	PAL, SECAM, NTSC	4 System : PAL, SECAM, NTSC, PAL60
6	S-Video Input (1EA)	PAL, SECAM, NTSC	4 System : PAL, SECAM, NTSC, PAL60
7	Component Input (1EA)	Y/Cb/Cr, Y/Pb/Pr	
8	RGB Input(1EA)	RGB-PC	
9	HDMI Input(2EA)	HDMI-DTV & SOUND	
10	Audio Input (3EA	PC Audio, Component, AV	L/R Input

ADJUSTMENT INSTRUCTIONS

1. Application Object

These instructions are applied to all of the 50" PLASMA TV, PD73A Chassis.

2. Note

- (1) Because this is not a hot chassis, it is not necessary to use an isolation transformer. However, the use of isolation transformer will help protect test instrument.
- (2) Adjustment must be done in the correct order.
- (3) The adjustment must be performed in the circumstance of $25\pm 5^{\circ}\text{C}$ of temperature and $65\pm 10\%$ of relative humidity if there is no specific designation.
- (4) The input voltage of the receiver must keep 100-240V~, 50/60Hz.
- (5) The receiver must be operated for about 15 minutes prior to the adjustment.

- After RGB Full white HEAT-RUN Mode, the receiver must be operated prior to adjustment.
- Enter into HEAT-RUN MODE
 - 1) Press the POWER ON KEY on R/C for adjustment.
 - 2) OSD display and screen display PATTERN MODE.

* Set is activated HEAT-RUN without signal generator in this mode.

* Single color pattern(RED/BLUE/GREEN) of HEAT-RUN mode uses to check PANEL.

If you turn on a still screen more than 20 minutes (Especially Digital pattern, Cross Hatch Pattern), an afterimage may occur in the black level part of the screen.

3. Chancel memory Setting Method

: You can set channel memory by R/C for adjustment.

- 1) Press ADJ key on R/C for adjustment.
- 2) Press ENTER key on "System Control3".
- 3) Press VOL + key on "Channel Recover".

4. PCMCIA CARD Checking Method

: You must adjust DTV 29 Channel and insert PCMCIA CARD to socket.

- 1) If PCMCIA CARD works normally, normal signals display on screen.
But it works abnormally, "No CA module" words display on screen.

Each PCB assembly must be checked by check JIG set.
(Because power PCB Assembly damages to PDP Module, especially be careful)

5. POWER PCB Assy Voltage Adjustments (Va, Vs Voltage adjustments)

5-1. Test Equipment : D.M.M. 1EA

5-2. Connection Diagram for Measuring

: refer to Fig.1

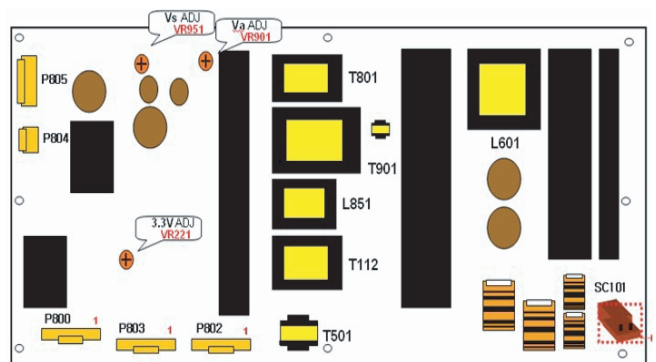
5-3. Adjustment Method

(1) Va Adjustment

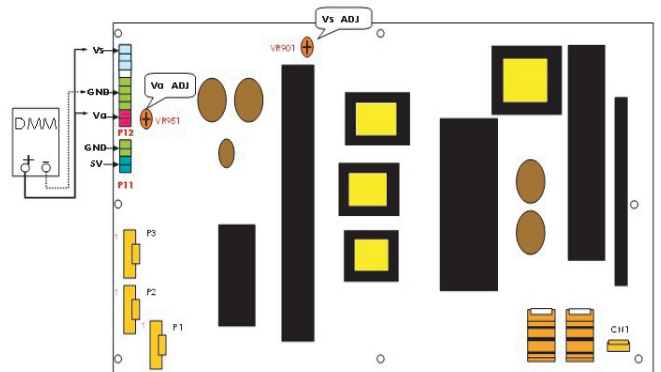
- 1) After receiving 100% Full White Pattern, HEAT RUN.
- 2) Connect + terminal of D.M.M to Va pin of P12, connect - terminal to GND pin of P12.
- 3) After turning VR901, voltage of D.M.M adjustment as same as Va voltage which on label of panel right/top. (Deviation; $\pm 0.5\text{V}$)

(2) Vs Adjustment

- 1) Connect + terminal of D.M.M to Vs pin of P12, connect - terminal to GND pin of P12.
- 2) After turning VR951, voltage of D.M.M adjustment as same as Vs voltage which on label of panel right/top. (Deviation; $\pm 0.5\text{V}$)



<50" 6709900020A>



<50" EAY32929001 only for 50PB56>

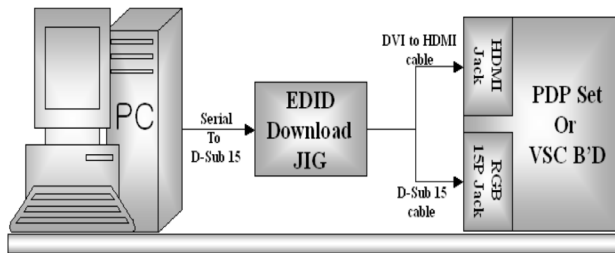
(Fig. 1) Connection diagram of power adjustment for measuring

6. EDID (The Extended Display Identification Data)/ DDC (Display Data Channel) download

6-1. Required Test Equipment

- 1) Adjusting PC with S/W for writing EDID Data.(S/W : EDID TESTER Ver.2.5)
- 2) A Jig for EDID Download
- 3) Cable : Serial(9Pin or USB) to D-sub 15Pin cable, D-sub 15Pin cable, DVI to HDMI cable

6-2. Setting of device



(Fig. 2) Connection Diagram of DDC download

6-3. Preparation for Adjustment

- 1) As above Fig. 2, Connect the Set, EDID Download Jig, PC & Cable.
- 2) Turn on the PC & EDID Download Jig. And Execute the S/W : EDID TESTER Ver.2.5.
- 3) Set up S/W option.
Repeat Number : 5
Device Address : A0
PageByte : 8
- 4) Power on the Set.

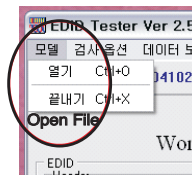


6-4. Sequence of Adjustment - EDID Download

- 1) Init the data.



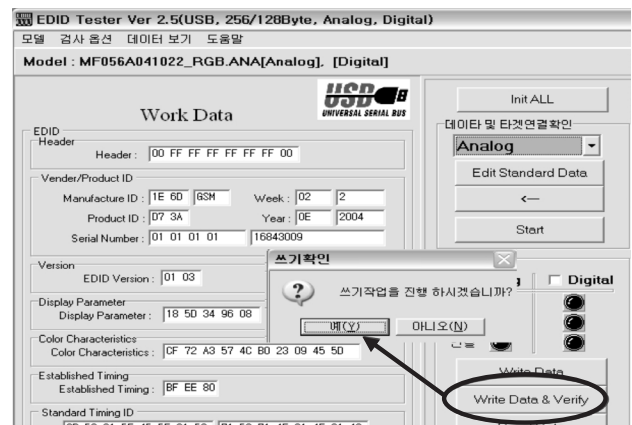
- 2) Load the EDID data.(Open File).



[Analog file] (for RGB)

[Digital file] (for HDMI)

- 3) Set the S/W as below.
- 4) Push the "Write Data & Verify"button. And confirm "Yes".
- 5) If the writing is finished, you will see the "OK" message.
- 6) If TV has two HDMI, you must download two times for each HDMI.



- EDID DATA

1) Analog RGB.

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	00	FF	FF	FF	FF	FF	FF	00	1E	6D	1			2		
10		3	01	03	01	46	27	78	EA	D9	B0	A3	57	49	9C	25
20	11	49	4B	A5	6E	00	31	40	45	40	61	40	D1	C0	01	01
30	01	01	01	01	01	01	1B	21	50	A0	51	00	1E	30	48	88
40	35	00	BC	86	21	00	00	1C	26	36	80	A0	70	38	1F	40
50	50	20	85	04	BC	86	21	00	00	18						
60						4							00	00	00	FD
70	00	3C	4B	1D	43	0E	00	0A	20	20	20	20	20	20	00	5

=> Detail EDID Options are below([1], [2], [3],[4], [5])

1. [1]-Product ID

Model Name	Product ID	Product ID	
		Hex	EDID table
42PC55-ZB	40013	9CB1	B19C
42PC56-ZD	40015	9CB3	B39C
50PC55-ZB	50015	C35F	5FC3
50PC56-ZD	50017	C361	61C3
50PB56-ZA	50019	C363	63C3

2. [2]-Serial No : Controlled on production line

3. [3]-Month, Year : Controlled on production line

ex) Week : '03' => '03'

Year : '2006' => '10'

4. [4]-Model Name(Hex):

Model Name	Hex Data
42PC55-ZB	00 00 00 FC 00 34 32 50 43 35 35 2D 5A 42 0A 20 20 20
42PC56-ZD	00 00 00 FC 00 34 32 50 43 35 36 2D 5A 44 0A 20 20 20
50PC55-ZB	00 00 00 FC 00 35 30 50 43 35 35 2D 5A 42 0A 20 20 20
50PC56-ZD	00 00 00 FC 00 35 30 50 43 35 36 2D 5A 44 0A 20 20 20
50PB56-ZA	00 00 00 FC 00 35 30 50 42 36 35 2D 5A 41 0A 20 20 20

5. [5]-Checksum : Changeable by total EDID data

2) HDMI1.

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	00	FF	FF	FF	FF	FF	FF	00	1E	6D	1			2		
10		3	01	03	80	46	27	78	EA	D9	B0	A3	57	49	9C	25
20	11	49	4B	A5	6E	00	31	40	45	40	61	40	D1	C0	01	01
30	01	01	01	01	01	01	02	3A	80	18	71	38	2D	40	58	2C
40	45	00	C4	8E	21	00	00	1E	1B	21	50	A0	51	00	1E	30
50	48	88	35	00	BC	86	21	00	00	1C						
60						4							00	00	00	FD
70	00	32	4B	1C	43	0F	00	0A	20	20	20	20	20	20	01	5

=> Detail EDID Options are below([1], [2], [3],[4], [5])

1. [1]-Product ID

Model Name	Product ID	Product ID	
		Hex	EDID table
42PC55-ZB	40114	9CB2	B29C
42PC56-ZD	40116	9CB4	B49C
50PC55-ZB	50016	C360	60C3
50PC56-ZD	50018	C362	62C3
50PB56-ZA	50020	C364	64C3

2. [2]-Serial No : Controlled on production line

3. [3]-Month, Year : Controlled on production line

ex) Week : '03' => '03'

Year : '2006' => '10'

4. [4]-Model Name(Hex):

Model Name	Hex Data
42PC55-ZB	00 00 00 FC 00 34 32 50 43 35 35 2D 5A 42 0A 20 20 20
42PC56-ZD	00 00 00 FC 00 34 32 50 43 35 36 2D 5A 44 0A 20 20 20
50PC55-ZB	00 00 00 FC 00 35 30 50 43 35 35 2D 5A 42 0A 20 20 20
50PC56-ZD	00 00 00 FC 00 35 30 50 43 35 36 2D 5A 44 0A 20 20 20
50PB56-ZA	00 00 00 FC 00 35 30 50 42 36 35 2D 5A 41 0A 20 20 20

5. [5]-Checksum : Changeable by total EDID data

3) HDMI2.

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	00	FF	FF	FF	FF	FF	FF	00	1E	6D	1			2		
10		3	01	03	80	46	27	78	EA	D9	B0	A3	57	49	9C	25
20	11	49	4B	A5	6E	00	31	40	45	40	61	40	D1	C0	01	01
30	01	01	01	01	01	01	02	3A	80	18	71	38	2D	40	58	2C
40	45	00	C4	8E	21	00	00	1E	1B	21	50	A0	51	00	1E	30
50	48	88	35	00	BC	86	21	00	00	1C						
60						4							00	00	00	FD
70	00	32	4B	1C	43	0F	00	0A	20	20	20	20	20	20	01	5

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	02	03	21	F1	4E	02	11	01	03	12	13	04	14	05	21	1F
10	20	22	10	23	09	07	07	83	01	00	00	65	03	0C	00	10
20	00	01	1D	00	BC	52	D0	1E	20	B8	28	55	40	C4	8E	21
30	00	00	1E	01	1D	00	72	51	D0	1E	20	6E	28	55	00	C4
40	8E	21	00	00	1E	01	1D	80	D0	72	1C	16	20	10	2C	25
50	80	C4	8E	21	00	00	9E	8C	0A	D0	90	20	40	31	20	0C
60	40	55	00	C4	8E	21	00	00	18	4E	1F	00	80	51	00	1E
70	30	40	80	37	00	BC	88	21	00	00	18	00	00	00	00	5

=> Detail EDID Options are below([1], [2], [3],[4], [5])

* Please refer HDMI1

7. ADC Calibration

ADC	RF/AV/S-VIDEO		Component	RGB-PC
MSPG925FS	PAL		Model:215(720P) Pattern : 65 * 720/50Hz 7 Color Bar	Model : 3 (1024*768 60Hz)
	INPUT SELECT	AV3		Pattern : 65 7 Color Bar
	Model : 202 (PAL-BGDHI)			
	Pattern : 65 * PAL 7 Color Bar			

- System control RS-232 Host should be "PC" for adjustment.
- Before AV ADC Calibration, execute the "Panel size selection"

8. Auto AV(CVBS) Color Balance

8-1. Requirement

- This AV color balance adjustment should be performed before white Balance Adjustment.

8-2. Required Equipment

- 1) Remote controller for adjustment.
- 2) MSPG-925FS Pattern Generator (Which has Video Signal: 7 Color Bar Pattern shown in Fig. 3).
- Model: 202 / Pattern: 65 EC and FC model use PAL-BGDHI. (composite signal)

8-3. Method of Auto AV(CVBS) Color Balance

- 1) Input the Video signal: 7 color Bar signal into AV3.
- 2) Set the PSM to Dynamic mode in the Picture menu.
- 3) Press IN-STAR key on R/C for adjustment.
- 4) Press the ►(Vol. +) key operate to set, then it becomes automatically.
- 5) Auto-RGB OK means completed adjustment.



(Fig. 3) Color Balance signal

9. Adjustment of Component

9-1. Requirement

- This AV color balance adjustment should be performed before white Balance Adjustment.

9-2. Required Equipment

- 1) Remote controller for adjustment.
- 2) MSPG-925FS Pattern Generator (Which has Video Signal: 7 Color Bar Pattern shown in Fig. 4).
- Model: 215 / Pattern: 65

9-3. Method of Auto Component Color Balance

- 1) Input the Component 720p/50Hz 7 Color Bar(MSPG-925FS model:215, pattern:65) signal into Component.
- 2) Set the PSM to Dynamic mode in the Picture menu.
- 3) Press IN-STAR key on R/C for adjustment.
- 4) Press the ►(Vol. +) key operate to set, then it becomes automatically.
- 5) Auto-RGB OK means completed adjustment.



(Fig. 4) Color bar Test Pattern

10. Adjustment of RGB

10-1. Requirement

- This AV color balance adjustment should be performed before white Balance Adjustment.

10-2. Required Equipment

- 1) Remote controller for adjustment.
- 2) MSPG-925FS Pattern Generator (Which has Video Signal: 7 Color Bar Pattern shown in Fig. 5).
- Model: 215 / Pattern: 65

10-3. Method of Auto RGB Color Balance

- 1) Input the PC 1024x768 @ 60Hz 7 color bar (MSPG-925FS, Model:3, Pattern: 65) into RGB. (using D-sub to D-sub cable)
- 2) Set the PSM to Dynamic mode in the Picture menu.
- 3) Press IN-STAR key on R/C for adjustment.
- 4) Press the ►(Vol. +) key operate to set, then it becomes automatically.
- 5) Auto-RGB OK means completed adjustment.



(Fig. 5) Color bar Test Pattern

11. Adjustment of White Balance

11-1. Requirement

- Before adjusting White-balance, the AV ADC should be done.

11-2. Required Equipment

- Remote controller for adjustment.
- Color Analyzer.(CA-1000,CA-100+,CA-200 or same product) : CH10(PDP)
- * Please adjust CA-210, CA-100+ by CS-1000 before measuring.**
- Auto W/B adjustment instrument.(only for Auto adjustment)
- AV Pattern Generator.

- Synchronization relation between PSM and CSM.

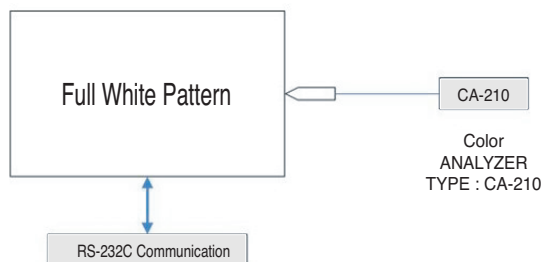
CSM	PLASMA	Remark
Cool	11000K	
Normal	9300K	
Warm	6500K	

- CS-1000/CA-100+/CA-210 White balance adjustment coordinate and color temperature.

Mode	Color Coordinate		Temp	Δuv
	x	y		
COOL	0.276±0.002	0.283±0.002	11000K	0.000
MEDIUM	0.285±0.002	0.293±0.002	9300K	0.000
WARM	0.313±0.002	0.329±0.002	6500K	0.003

11-3. Connection Picture of the Measuring Instrument(On Automatic control)

- Inside PATTERN is used when W/B is controlled. Connect to auto controller or push control R/C IN-START -> Enter the mode of White-Balance, the pattern will come out.



(Fig. 6) Auto AV(CVBS) Color Balance Test Pattern

- Auto-control interface and directions

- Adjust in the place where the influx of light like floodlight around is blocked.(illumination is less than 10ux)
- Measure and adjust after sticking the Color Analyzer(CA-100+, CA210) to the side of the module.
- Aging time : keep white pattern using inside pattern.

- Auto adjustment Map(RS-232C)

Type		PD73A				
Baud Rate		Data bit		Stop bit	Parity	
115200		8		1	NONE	
Protocol Setting	Index	Cmd1	Cmd2	Data	Min Value	Max Value
	R Gain	j	a		00(00)	128(80)
	G Gain	j	b		00(00)	128(80)
	B Gain	j	c		00(00)	128(80)
	R Offset	j	d		00(00)	128(80)
	G Offset	j	e		00(00)	128(80)
	B Offset	j	f		00(00)	128(80)

12. Adjustment of White Balance

(Manual white Balance)

- One of R Gain/ G Gain/ B Gain should be kept on 80, and others are controlled lowering from 80
- (1) 'power on' of the control R/C, set heat run to white by pressing and heat run over 15 minutes. (Set: RS-232 Host: PC, Baud Rate: 115200bps, Download: Cortez)
- (2) Zero Calibrate CA-100+, and stick the sensor to the center of PDP module surface when you adjust.
- (3) Double click In-start key on Controlling R/C and get in 'white balance'.
- (4) Set test-pattern on and display inside pattern. Control is carried out on three color temperature, COOL, MEDIUM, WARM. (Control is carried out three times.)
- (5) When the R/G/B GAIN is 80 on OSD, it is the FULL DYNAMIC Range of the Module. In order to control white balance without the saturation of FULL DYNAMIC Range and DATA, one of R Gain / G Gain / B Gain should be kept on 80, and other two is controlled lowering from 80.

- * Color Temperature: Cool, Medium, Warm

- When R GAIN is set to 80
 - Control G GAIN and B GAIN by lowering from 80.
 - When B GAIN is set to 80
 - Control R GAIN and G GAIN by lowering from 80.
 - When G GAIN is set to 80
 - Control R GAIN and B GAIN by lowering from 80.
- One of R Gain / G Gain / B Gain should be kept on 80, and adjust other two lower than 80.
(When R/G/B GAIN are all 80, it is the FULL DYNAMIC Range of Module)

13. Default Value in Adjustment mode

13-1. Auto Color Balance

<Component>			<RGB>		
Auto Color Balance (Hex)			Auto Color Balance (Hex)		
Auto-RGB ▶ To Set			Auto-RGB ▶ To Set		
Source	MAIN		Source	MAIN	
Red	Offset1	022	Red	Offset1	0F8
Green	Offset1	024	Green	Offset1	0DA
Blue	Offset1	023	Blue	Offset1	0BC
Red	Offset2	45	Red	Offset2	01
Green	Offset2	43	Green	Offset2	01
Blue	Offset2	37	Blue	Offset2	01
Red	Gain	014	Red	Gain	1FE
Green	Gain	031	Green	Gain	1FE
Blue	Gain	011	Blue	Gain	1FE
Reset	▶ To Set		Reset	▶ To Set	

<AV>		
AutoColorBalance(Hex)		
Auto-RGB ▶ To Set		
Source	MAIN	
Red	Offset1	022
Green	Offset1	024
Blue	Offset1	023
Red	Offset2	45
Green	Offset2	43
Blue	Offset2	37
Red	Gain	014
Re Set	▶ To Set	

(Fig. 7) Default on OSD

13-2. Write Balance

White Balance (Hex)		
Red	Gain	80
Green	Gain	80
Blue	Gain	80
Red	Offset	80
Green	Offset	80
Blue	Offset	80
Reset	▶ To Set	

(Fig. 8) Default on OSD

14. EEPROM Data Write(Serial No D/L)

14-1. Signal TABLE

CMD	LENGTH	ADH	ADL	DATA_1	...	DATA_n	CS	DELAY
-----	--------	-----	-----	--------	-----	--------	----	-------

CMD : A0h
 LENGTH : 85~94h (1~16 bytes)
 ADH : E²PROM Sub Address high (00~1F)
 ADL : E²PROM Sub Address low (00~FF)
 Data : Write data
 CS : CMD + LENGTH + ADH + ADL + Data_1 + ... + Data_n
 Delay : 20ms

14-2. Command Set

No	Adjust mode	CMD(hex)	LENGTH(hex)	Description
1	EEPROM WRITE	A0h	84h+n	n-byted Write (n=1~16)

* Description

FOS Default write : <7mode data> write

Vtotal, V_Frequency, Sync_Polarity, Htotal, Hstart, Vstart, 0, Phase

Data write : Model Name and Serial Number write in EEPROM,.

14-3. Method & Notice

- (1) Serial number D/L is using of scan equipment.
- (2) Setting of scan equipment operated by Manufacturing Technology Group.
- (3) Serial number D/L must be conformed when it is produced in production line, because serial number D/L is mandatory by D-book 4.0.

15. Set Information(Serial No& Model name)

15-1. Setting up like bottom figure

(After setting white balance, this is set)

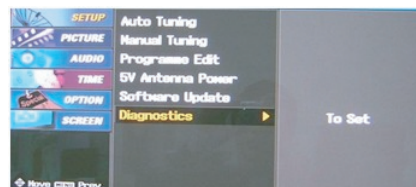
(Setting: Press ADJ Key in the Adjust remoon)

- (1) Select "System Control 2" by using ▲ / ▼ (CH+/-) key, and press ■ (ENTER) Using Adjust remoon, RS-232 Host & Baud Rate & Download value change)

Model Name	Tool Option1	Tool Option2	Area Option	Option1	Option2	Option3	Option3
42PC56-ZD	2048	1697	0	14	2	1	192
50PC56-ZD	2052	1953	0	14	2	1	192

15-2. Push the menu button in DTV mode.

- (1) Select the STATION-> Diagno stics -> To set.



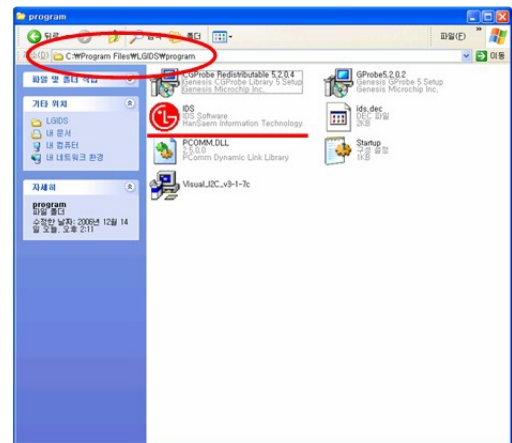


The screenshot shows the 'Engineering Diagnostics' screen. It displays the following information:

- Manufacturer : LG Electronics Inc.
- Model / Type : 28LC3D
- Serial No. : 601MACCA2001
- Software Version: 0.1.0

Below this information is a large empty table with 5 columns and 10 rows. At the bottom left, there are two buttons: 'More' and 'Prev.'.

1. You can find the ICON on C:\Program Files\LGIDS.

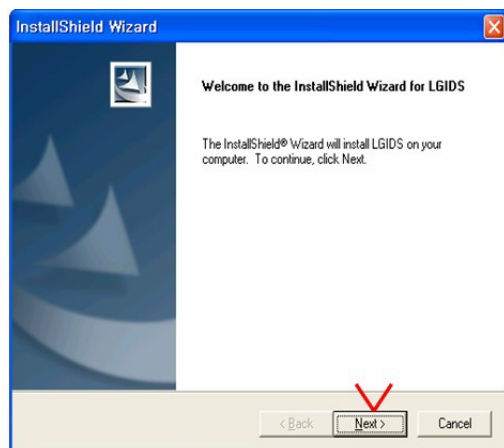


- 1) Push the IN-START key in a Adjust Remocon.
- 2) Input the Option Number that was specified in the BOM, into the Shipping area.
- 3) The work is finished, Push ■ Key.

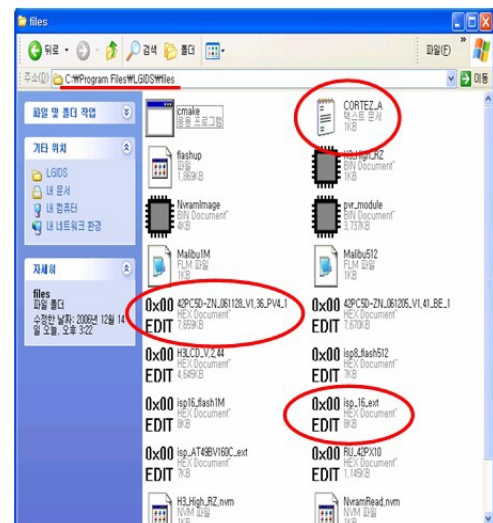
(1) Installation of the LGIDS

[illegible]

1. After Click the 'NEXT' icon, Installation is finished.



- 1) Prepare a Batch File(*.txt), RAM File(*.hex) on C:\Program Files\LGIDS\files.



CORTAZ_A - 빠모모

파일(F) 편집(E) 서식(O) 보기(V) 도움말(H)

```

Echo
debugon
SetBuffer 0x3000 4096
Reset 0
delay 1000
setDelay 10000
RAMWrite2 isp 16 ext.hex
delay 1000
run 0x500
setDelay 100000
FlashErase
setDelay 10000
FastFlashWrite 42PC5D-2M_061128_U1.36_PU4_1.hex

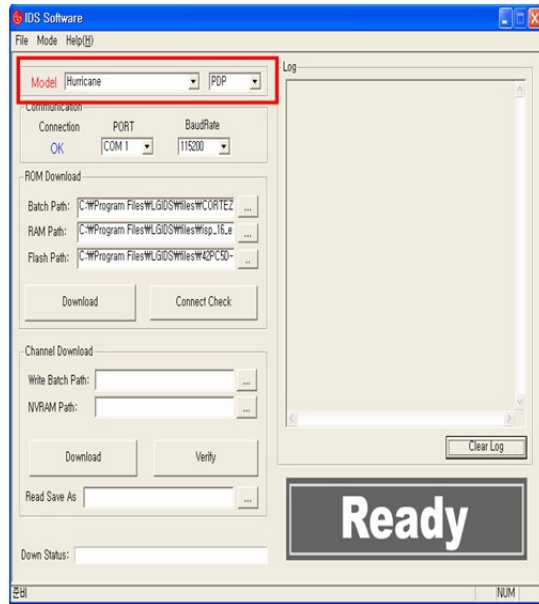
```

*** Should be written the name of hex file
that you want to download**

2) Connect RS232 cable and turn on the power.
(Use the general RS-232C Serial Cable)

3) Execute the LGIDS Program - 1

1. Check a 'PDP' & 'Hurricane' on the 'Model' MENU



* If your connection is 'NG', then set your PORT(COM1,2,3...) correctly.

4) SVC MENU Setting for CORTEZ DOWNLOAD.

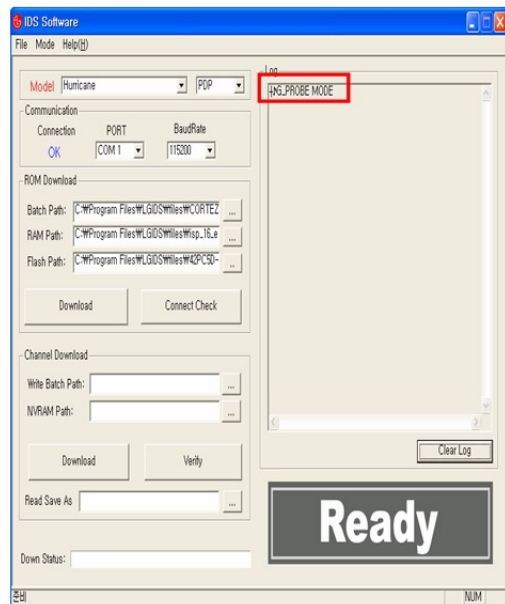
case 1. Press the 'tilt' button on the Adjustment Remote Control.

case 2. Press the 'ADJ' button

- 1) Press the 'System Control 2' menu
- 2) Enter the 'GProbe' on the 'RS-232Host menu'
- 3) Enter '115200bps' on the 'Baud Rate menu'
- 4) Enter the 'Cortez' on the 'Download menu'

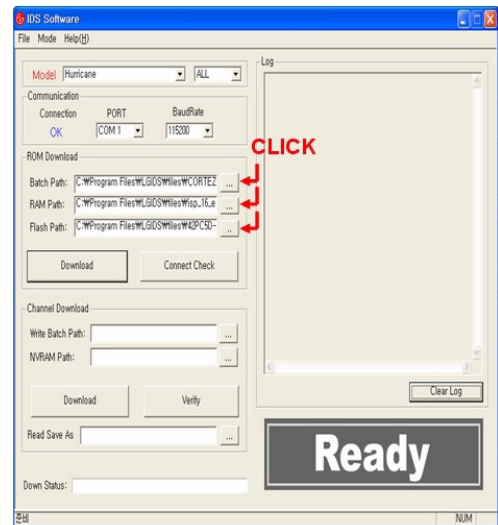
* If you don't have a Adjustment Remote Control 'Menu' button on the Remote Control + 'Menu' button on the Local Key during 7~8sec

After Change a mode, you can see 'GPROBE MODE'

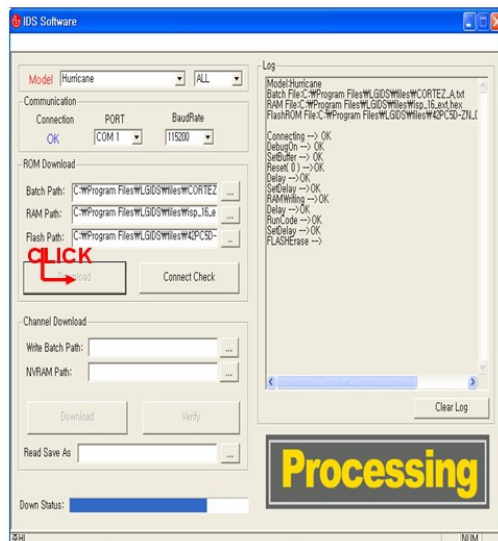


5) Execute the LGIDS Program - 2

1. Open a Batch file, RAM file and Flash file.

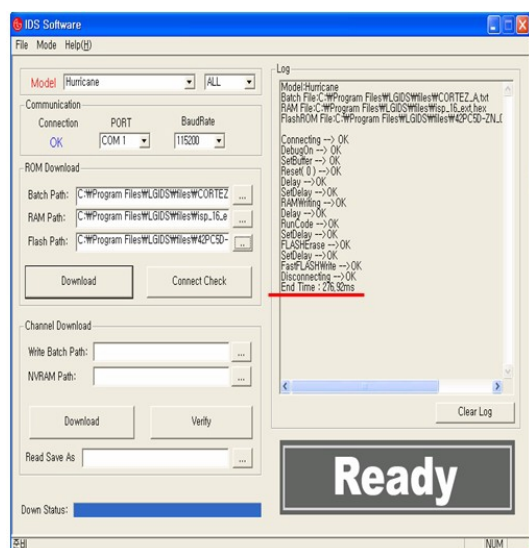


6) Execute the LGIDS Program - 3



7) Wait the final message.

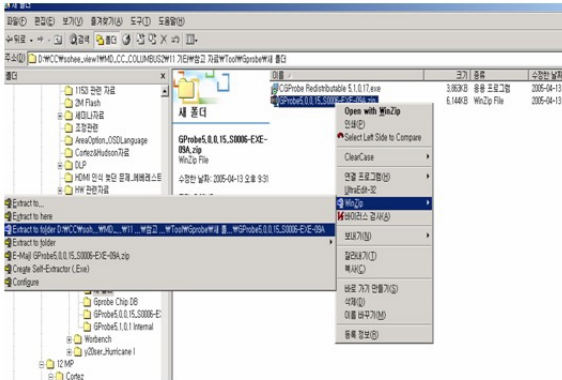
1. After DOWNLOAD, Turn off the TV after download -> Turn on.



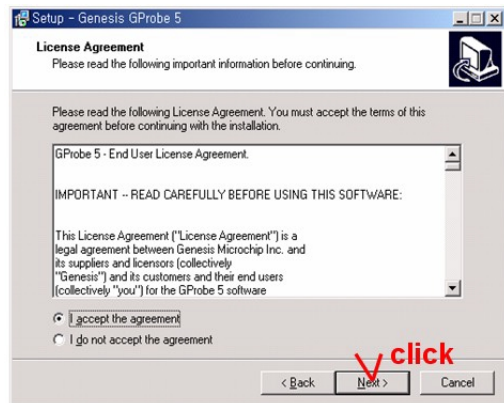
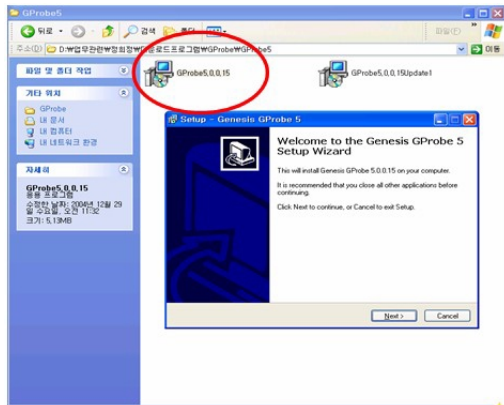
17-2. CORTEZ Download By GProbe 5

(1) Installation of the GProbe 5

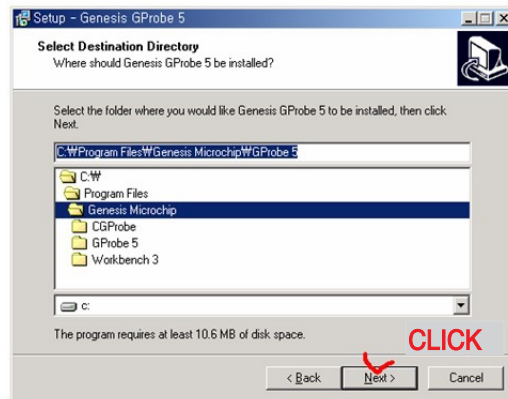
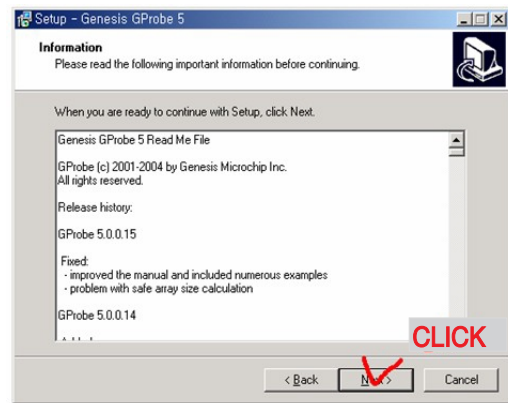
1) Extract to folder GProbe5.0.0.15_S0006_EXE_09A.ZIP.



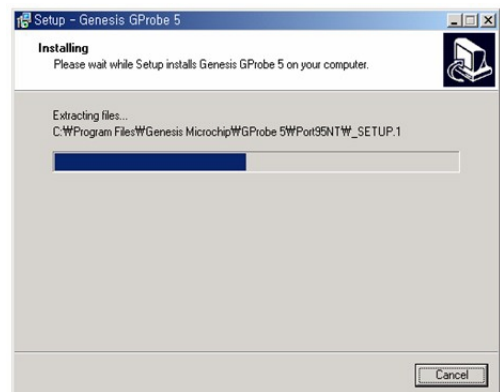
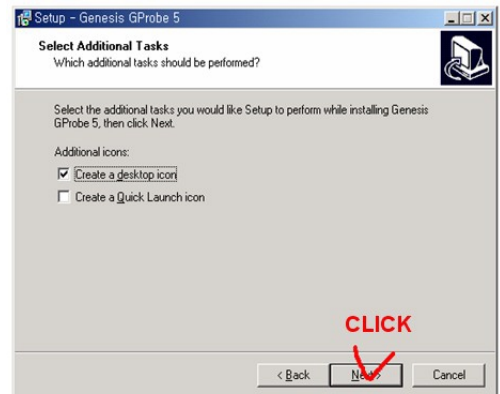
2) Install GProbe5.0.0.15.EXE - 1.



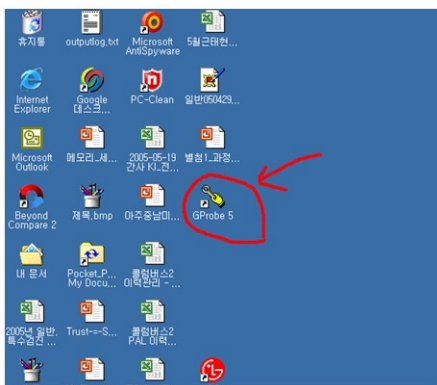
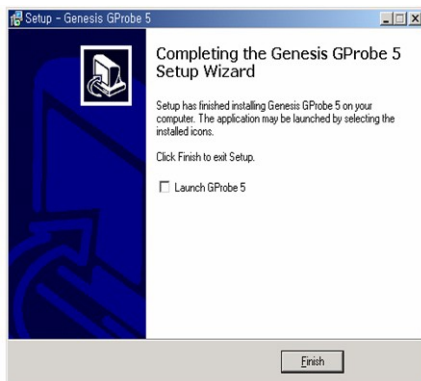
3) Install GProbe5.0.0.15.EXE - 2.



4) Install GProbe5.0.0.15.EXE - 3.

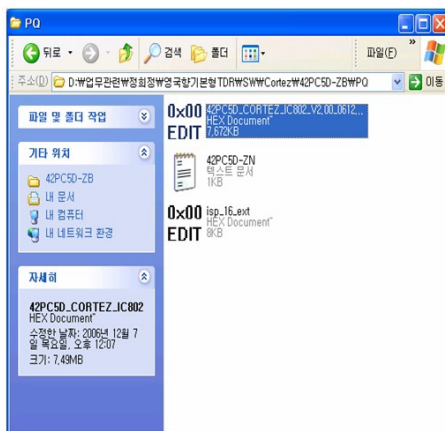


5) Install GProbe5.0.0.15.EXE - 4.

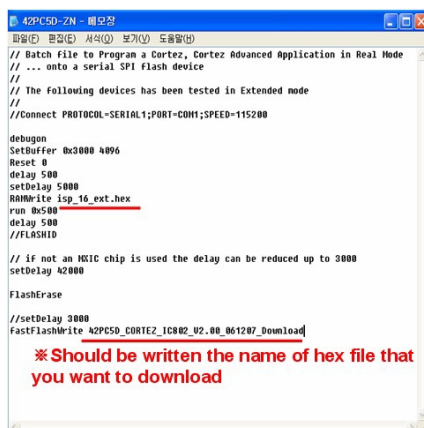


(2) Download hex file using GProbe

- 1) Prepare a '*.hex', 'isp_16_ext.hex', '*.txt' in the same folder.



* In the TEXT FILE



2) Connect TV set and PC by using RS232 cable.

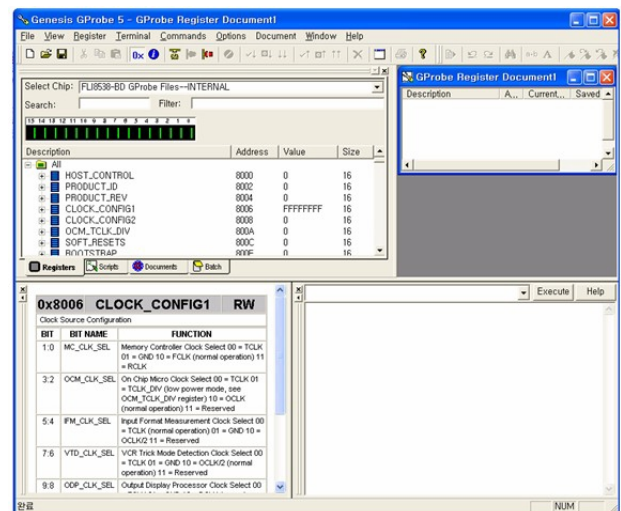
3) SVC MENU Setting for CORTEZ DOWNLOAD.

- case 1. Press the 'tilt' button on the Adjustment Remote Control.
- case 2. Press the 'ADJ' button.

- 1) Press the 'System Control 2' menu
- 2) Enter the 'GProbe' on the 'RS-232Host menu'
- 3) Enter '115200bps' on the 'Baud Rate menu'
- 4) Enter the 'Cortez' on the 'Download menu'

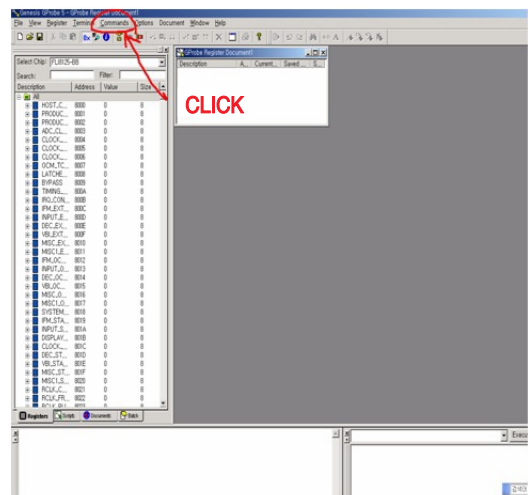
* If you don't have a Adjustment Remote Control 'Menu' button on the Remote Control + 'Menu' button on the Local Key during 7~8sec.

4) Execute the GProbe Program.



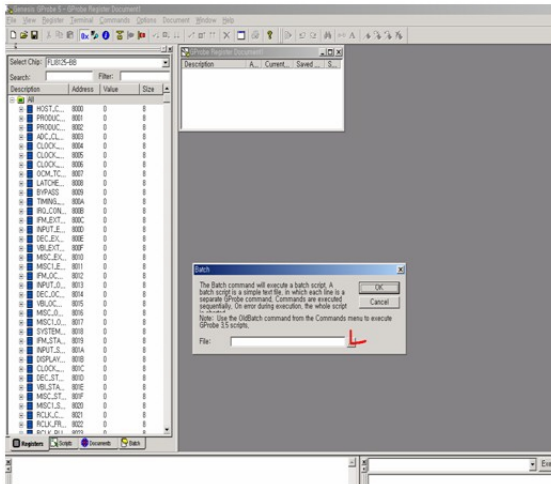
5) Open the batch file - 1.

1. Click the 'Commands'.



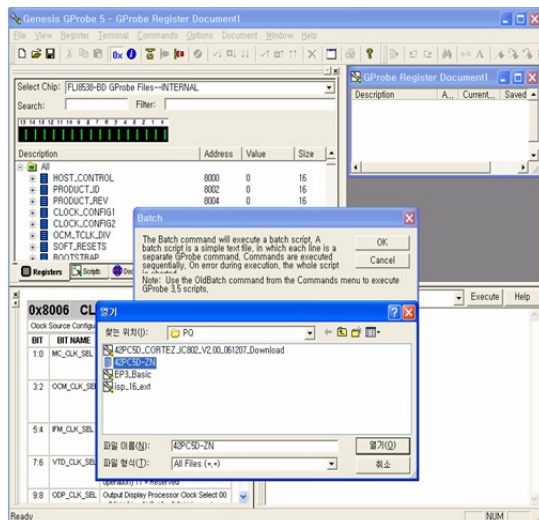
6) Open the batch file - 1.

1. Click the 'Commands'.



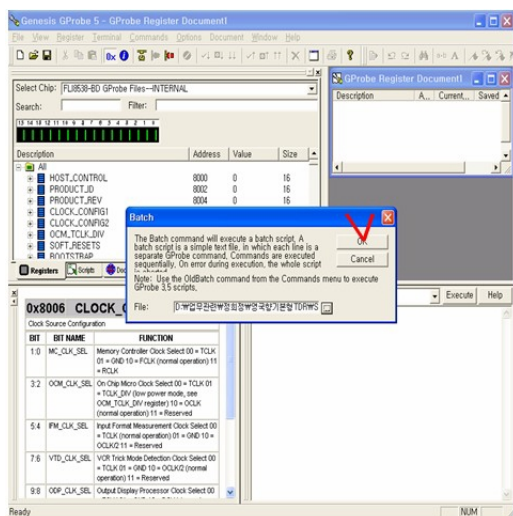
7) Open the batch file - 2

1. Click 'Batch' in the 'Commands' menu & express the '...' icon (It's marked by the red check).



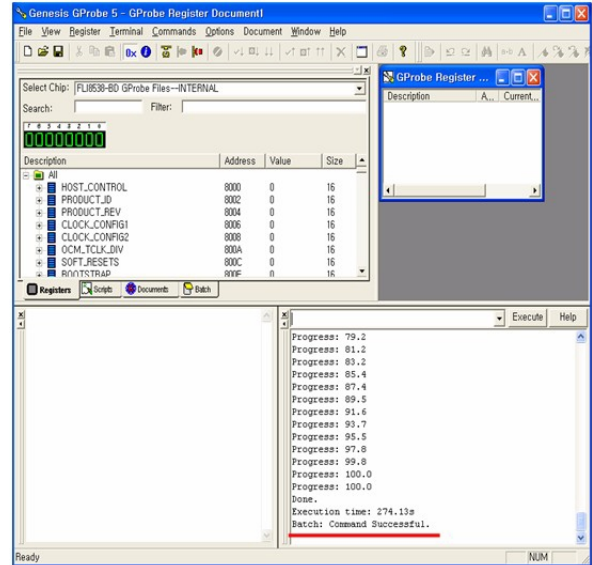
8) Open the batch file - 3.

1. Choose the text file.



9) It takes 300sec ~ 360sec, Wait the final message.

1. Turn off the TV after download -> Turn on.

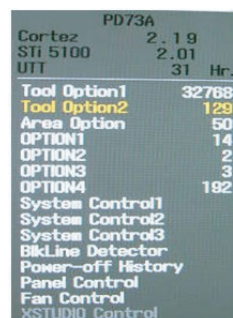


18. Insert the 'TOOL OPTION' & SERIAL NUMBER

- When you change a Main Ass'y, you should insert the TV SET's original Serial Number & MODEL NAME. It is the way how to insert original number.

18-1. Insert the 'Tool Option'

- 1) Insert '2048' on 'Tool Option1', '1697' on 'Tool Option2' for 42PC56-ZD Press the 'ENTER' Button.
- 2) Insert '2052' on 'Tool Option1', '1953' on 'Tool Option2' for 50PC56-ZD Press the 'ENTER' Button.
 1. Before change the 'Tool Option', you should check the White Balance Value.
 2. Because change the 'Tool Option', the White Balance Value is reset.



18-2. Insert the 'SERIAL NUMBER' & 'MODEL NAME'

- 1) Check the original serial number.
(Check the Label on the Back Cover)
- 2) After change the Main Ass'y, Press the 'ADJ button on the Adjustment Remote control.
 1. Choose the 'OPTION4'
 2. Insert the 'MODEL NAME' by navigation key.
 3. Insert the original serial number on the 'SERIAL NUMBER' MENU by navigation key.

* After All Setting, Turn Off TV SET-> On



19. ST DOWN LOAD

19-1. ST ROM DOWN LOAD

(1) Installation the 'LG Term'

- 1) Extract to folder lgterm.zip.

이름	크기	종류	수정날짜
log		파일 폴더	2004-06-18 오전 ...
macro		파일 폴더	2004-06-18 오전 ...
ascii.txt	3KB	텍스트 문서	2001-05-07 오후 ...
delpassw.ttl	1KB	TTL 파일	1997-06-30 오후 ...
dialup.ttl	2KB	TTL 파일	2003-10-22 오후 ...
IBMKEYB	3KB	SpeedDial	1998-03-10 오전 ...
ltv_stress.ttl	2KB	TTL 파일	2000-05-16 오후 ...
key.ttl	1KB	TTL 파일	2000-05-16 오후 ...
KEYBOARD	3KB	SpeedDial	1998-03-10 오전 ...
keycode.exe	32KB	응용 프로그램	2003-10-22 오후 ...
keycode.txt	14KB	텍스트 문서	1998-03-10 오전 ...
ladtv	4KB	SpeedDial	2001-11-27 오후 ...
lgterm.exe	232KB	응용 프로그램	2003-10-22 오후 ...
macro.hlp	70KB	도움말 파일	1998-03-10 오전 ...
macro.hlp	73KB	도움말 파일	1998-03-10 오전 ...
NT98KEYB	3KB	SpeedDial	1998-03-10 오전 ...
PC98KEYB	3KB	SpeedDial	1998-03-10 오전 ...
readme.txt	5KB	텍스트 문서	2004-07-21 오후 ...
TERATERM.INI	5KB	구성 설정	2004-07-21 오후 ...
term.hlp	81KB	도움말 파일	1998-03-10 오전 ...
term.hlp	107KB	도움말 파일	1998-03-10 오전 ...
tpcmn.dll	44KB	응용 프로그램 확장	2003-10-22 오후 ...
tpdlg.dll	80KB	응용 프로그램 확장	2003-10-22 오후 ...
tpfile.dll	100KB	응용 프로그램 확장	2003-10-22 오후 ...
tpmacro.exe	148KB	응용 프로그램	2003-10-22 오후 ...
tpset.dll	68KB	응용 프로그램 확장	2003-10-22 오후 ...
tpset.dll	72KB	응용 프로그램 확장	2003-10-22 오후 ...

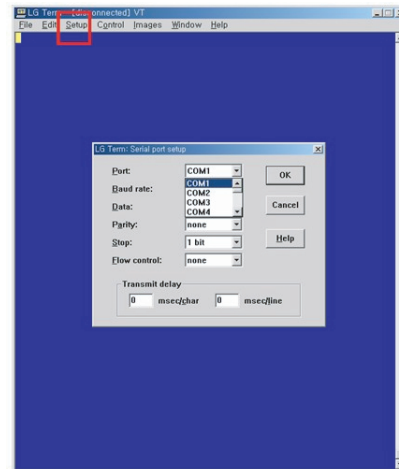
(2) Download biz file using LG Term

- 1) Prepare the '*.biz' that you want to download on ST.
- 2) Connect TV set and PC by using RS232 cable, Turn on the TV.
- 3) SVC MENU Setting.
 - case1. Press the 'Turbo Sound' button on the Adjustment Remote Control.
 - case 2. Press the 'ADJ' button.
 - 1) Press the 'System Control 2' menu
 - 2) Enter the 'GProbe' on the 'RS-232 Host'
 - 3) Enter '115200bps' on the 'Baud Rate'
 - 4) Enter the 'STi 5100' on the 'Download'

* If you don't have a Adjustment Remote Control.
'Menu' button on the Remote Control + 'Menu' button on the Local Key during 7~8sec.

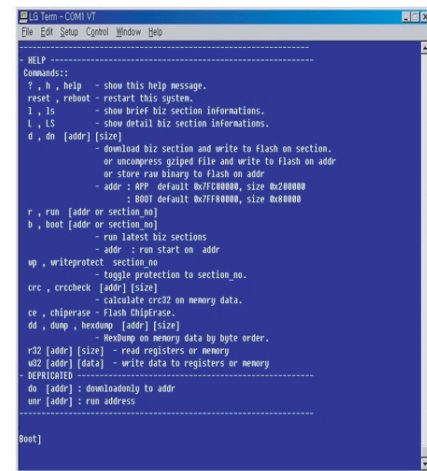
- 4) Execute 'lgterm.exe'.

1. Select 'Serial port' on 'Setup' Menu.
2. Port' should be connected with the TV SET by RS232.

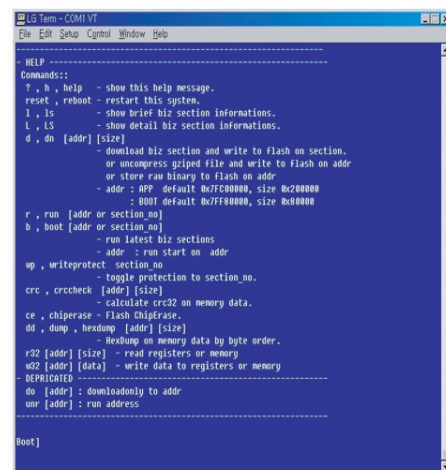


- 5) TV SET DC Power OFF => ON.

1. Check the message like the Picture.



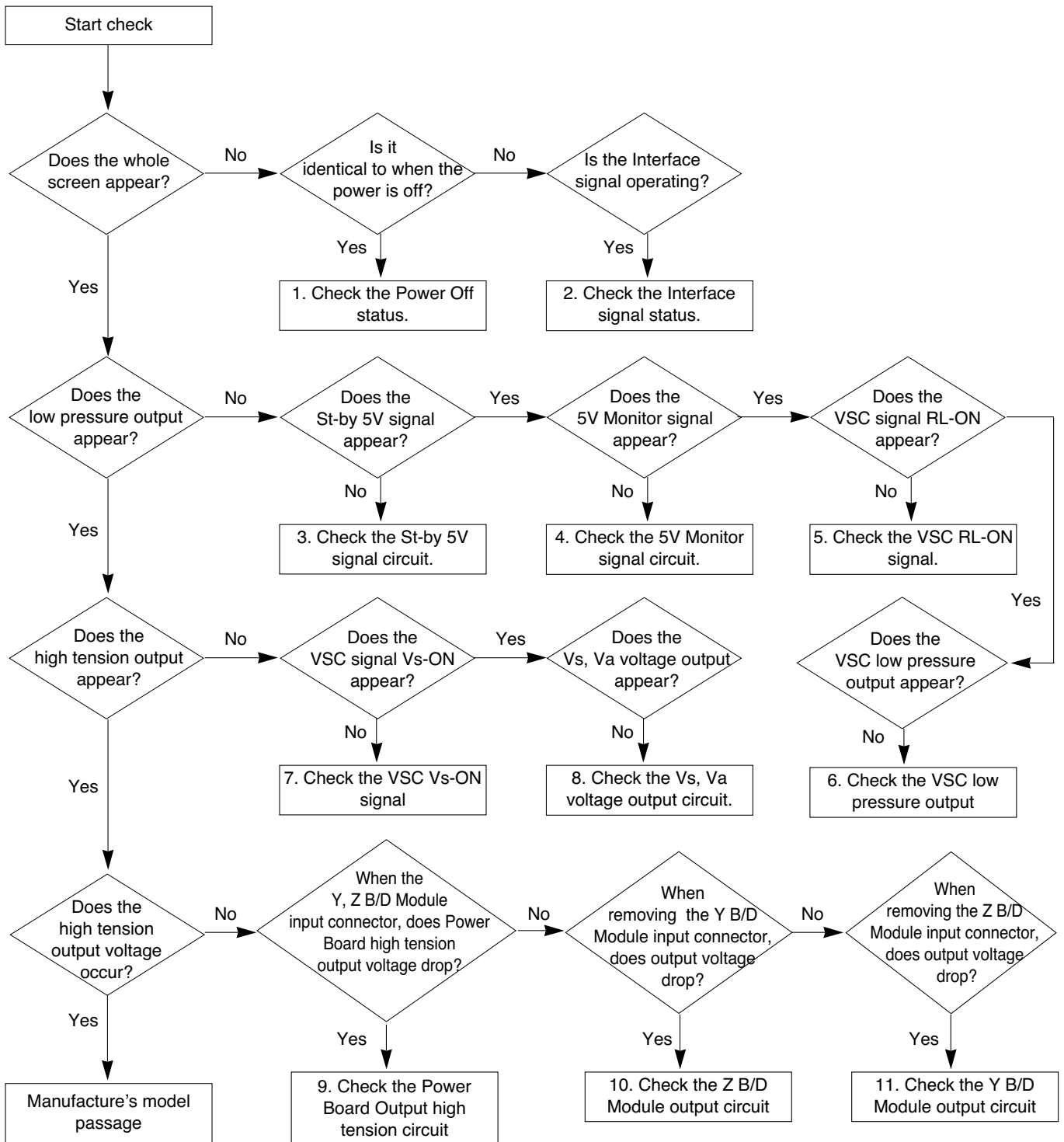
- 6) Insert 'dn' and Enter.



TROUBLE SHOOTING GUIDE

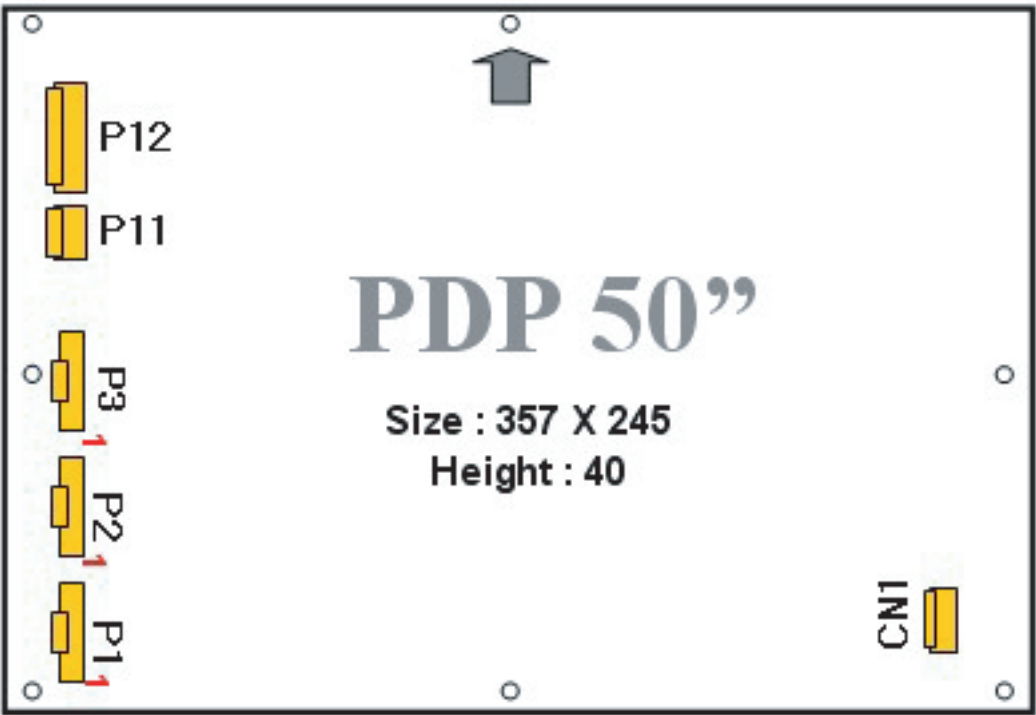
1. Power Board

1-1. The full flowchart for the voltage output



1-2. 50” Power Board Structure (LGIT)

(1) Pin Layout

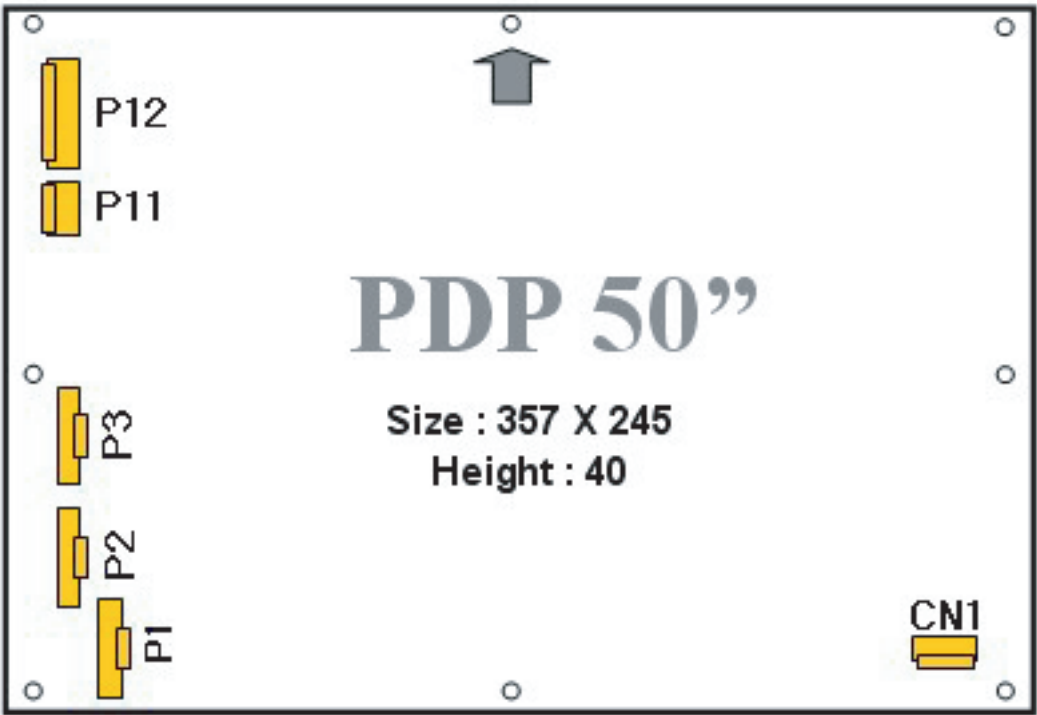


(2) Pin Spec

NO	AC INLET	ANALOG & DIGITAL BOARD			PDP MODULE	
	CN1	P1	P2	P3	P11	P12
1	AC	AC Det	19V	3.4V	5V	Va
2	NC	RL-ON	19V	3.4V	5V	Va
3	AC	STB 5V	GND	GND	GND	GND
4		GND	GND	GND	GND	GND
5		Vs-ON	6V	6V		GND
6		5V Det	GND	6V		GND
7		M5V-ON	3.4V	GND		NC
8		STB 5V	GND	GND		Vs
9		GND	12V	12V		Vs
10		NC	GND	12V		Vs
11		6V		GND		
12		GND		GND		
13		3.4V-ON				
DESCRIPTION	YH396-03V	SMW250-013P	SMW250-010P	SMW250-012P	YH396-04V	YH396-10V

1-3. 50” Power Board Structure (Sanken)

(1) Pin Layout



(2) Pin Spec

NO	AC INLET	ANALOG & DIGITAL BOARD			PDP MODULE	
	CN1	P1	P2	P3	P11	P12
1	AC	AC Det	19V	3.4V	5V	Va
2	NC	RL-ON	19V	3.4V	5V	Va
3	AC	STB 5V	GND	GND	GND	GND
4		GND	GND	GND	GND	GND
5		Vs-ON	6V	6V		GND
6		5V Det	GND	6V		GND
7		M5V-ON	3.4V	GND		NC
8		STB 5V	GND	GND		Vs
9		GND	12V	12V		Vs
10		NC	GND	12V		Vs
11		6V		GND		
12		GND		GND		
13		3.4V-ON				
DESCRIPTION	YH396-03V	SMW250-013P	SMW250-010P	SMW250-012P	YH396-04V	YH396-10V

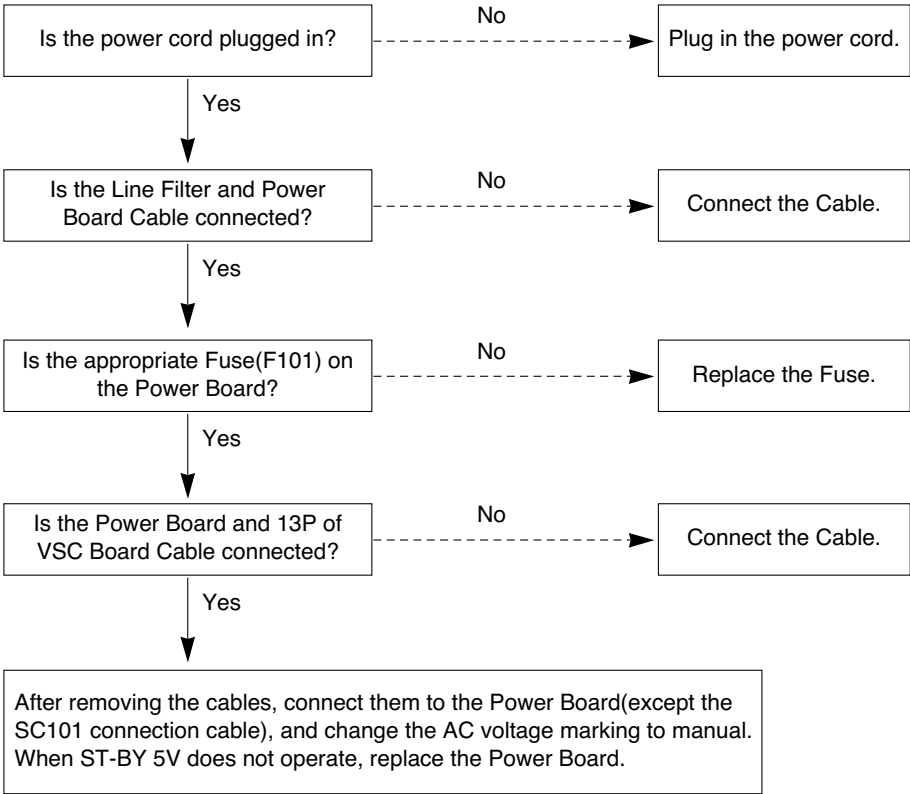
2. No Power

(1) Symptom

- 1) Does not minute discharge at module.
- 2) Non does not come into the front LED.



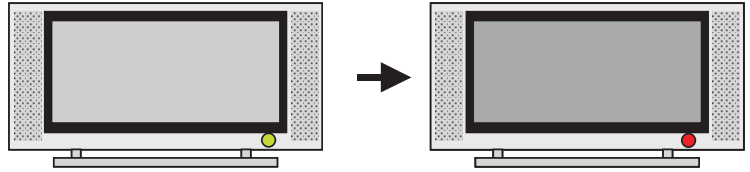
(2) Procedure check



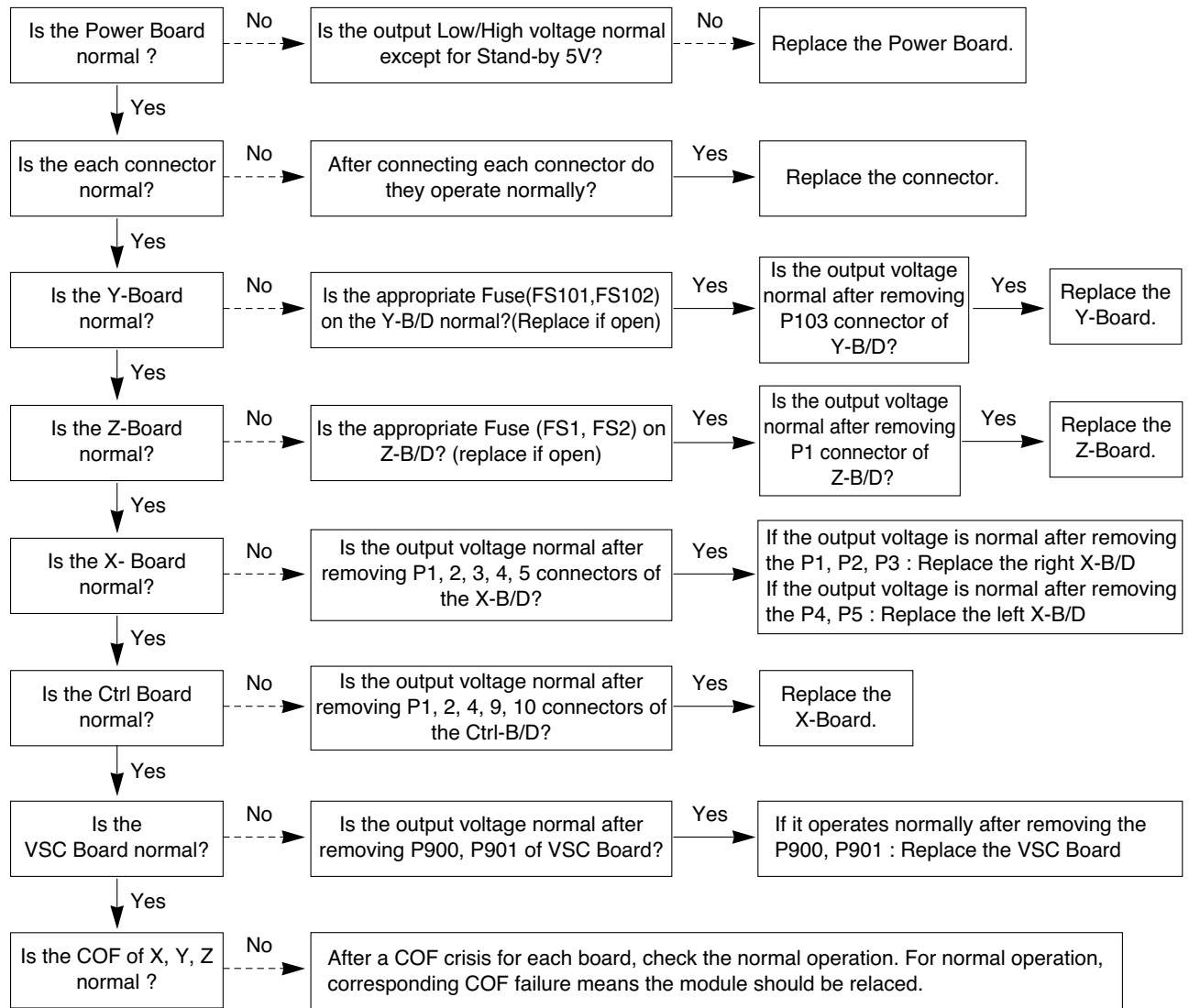
3. Protect Mode

(1) Symptom

- 1) After lighting up once, it does not discharge minutely from module.
- 2) The rely falls.(there is an audible “click”)
- 3) The color of the front LED turns from green to red.



(2) Procedure check



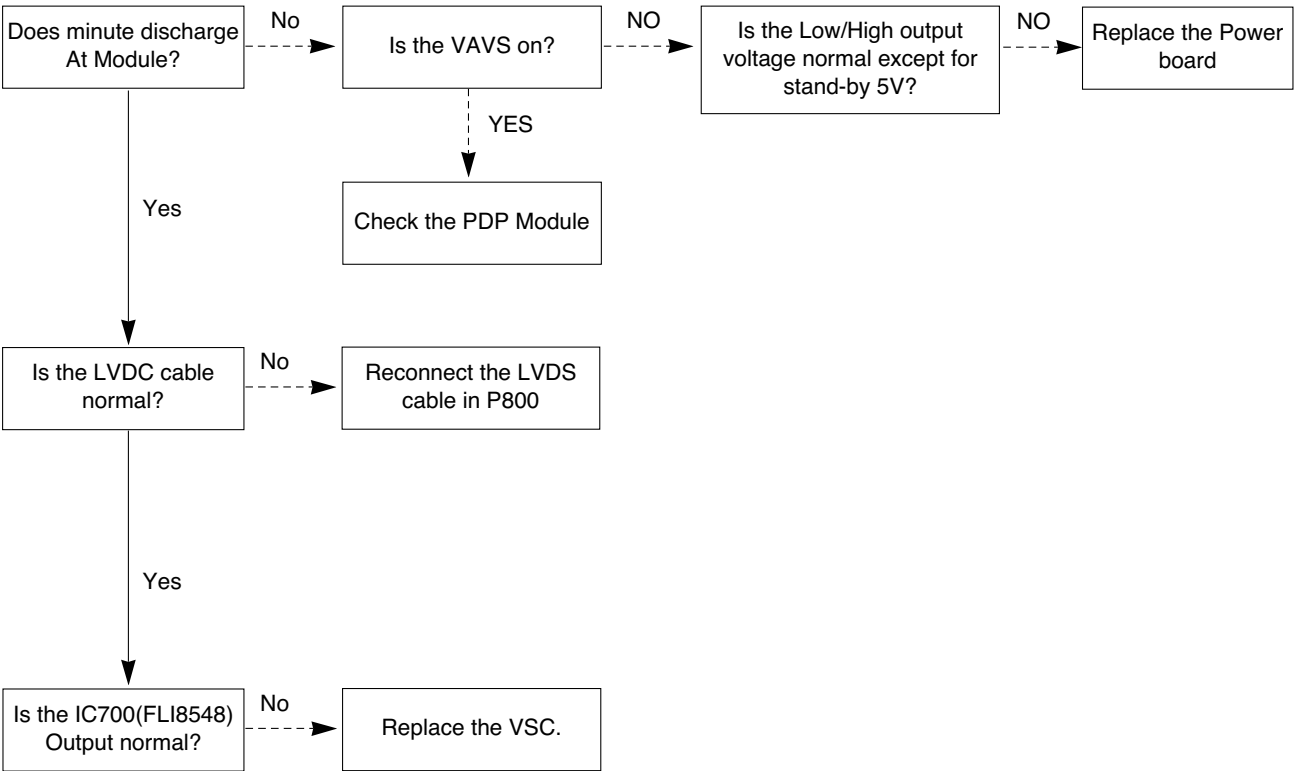
4. No Raster

(1) Symptom

- 1) No OSD and image occur at screen.
- 2) It maintains the condition where the front LED is green.



(2) Procedure check



5. In case of strange screen display in specific modes

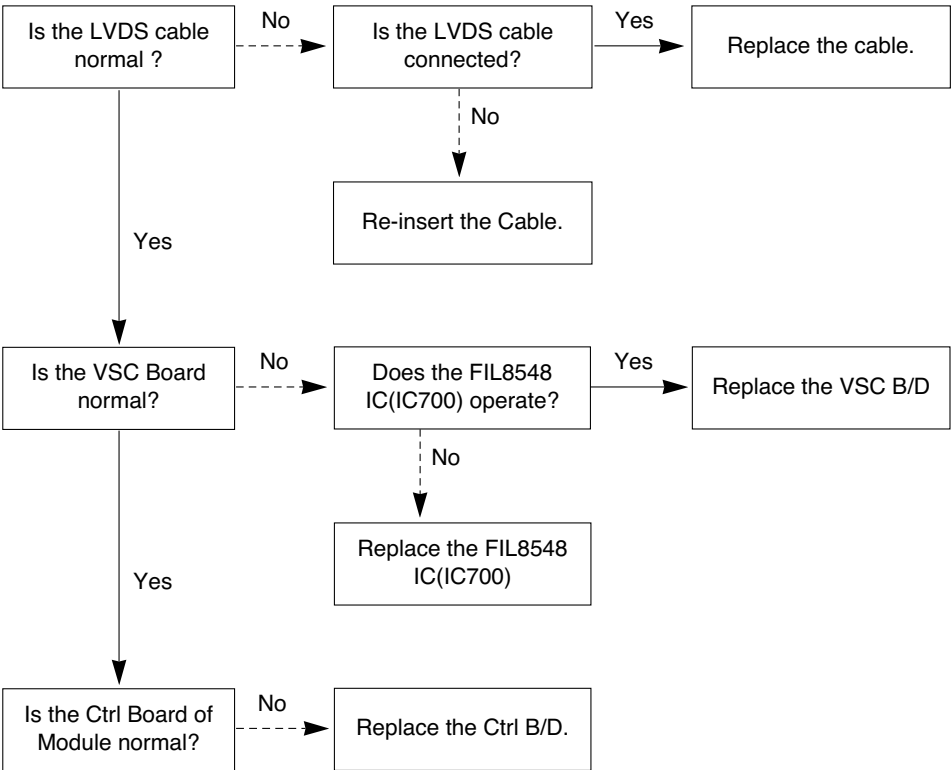
5-1. In case of no OSD display



(1) Symptom

- 1) LED is green.
- 2) The minute discharge is continuously accomplished from the module.

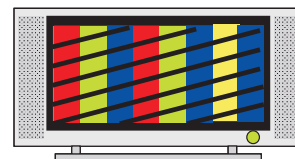
(2) Procedure check



5-2. In case there is no display on the screen in specific modes

(1) Symptom

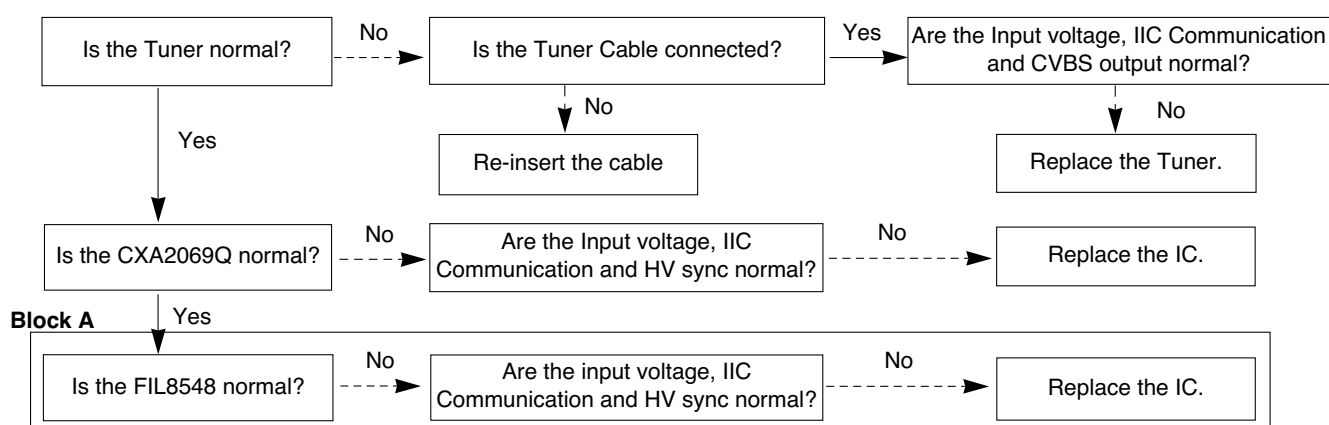
- 1) There is no screen display from a specific input mode (RF, AV, Component, RGB, DVI).



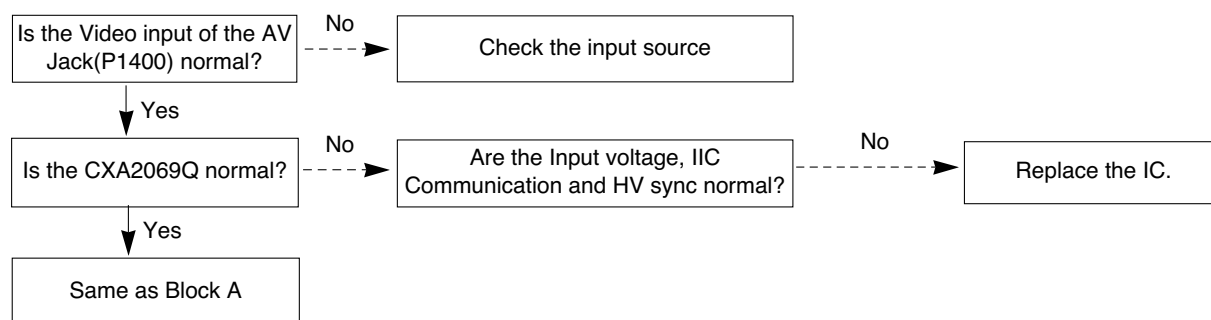
(2) Procedure check

- 1) Check the all input modes have normal display.
- 2) Check the video(main)/ data(sub), video(main)/ video(sub) have normal displays from the PIP mode or DW mode(re-check it/ swap).

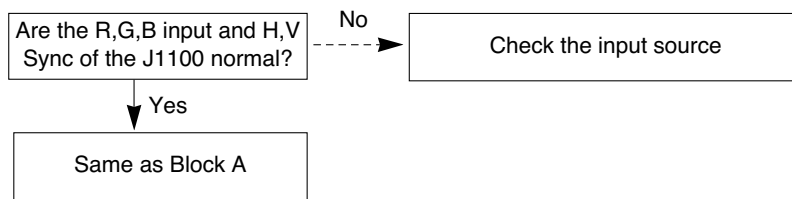
(3) In case of an unusual display in RF mode



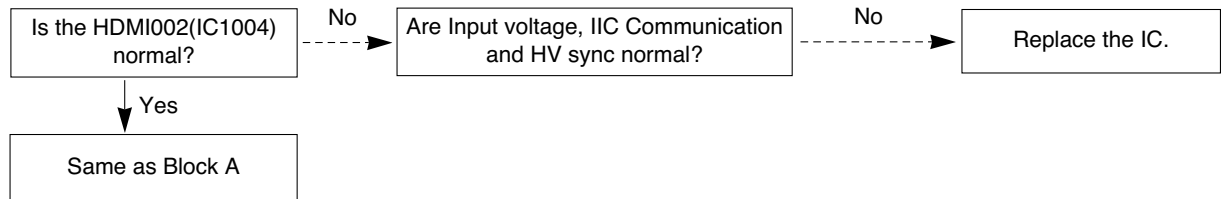
(4) In case of an unusual display in side S-video/ AV mode



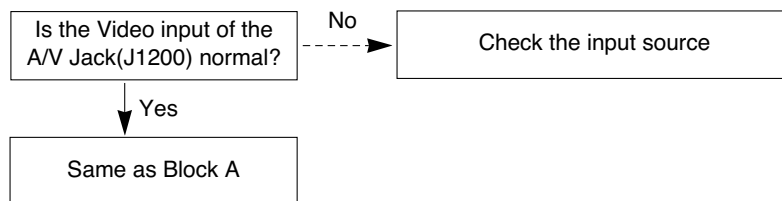
(5) In case of an unusual display in Component, RGB mode



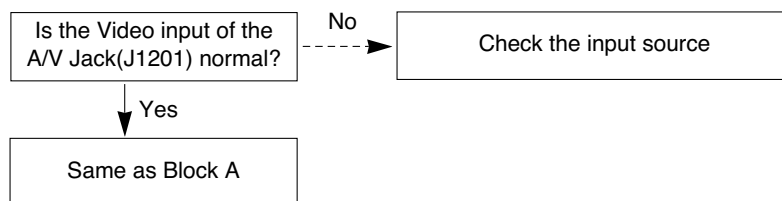
(6) In case of an unusual display in HDMI mode



(7) In case of an unusual display in SCART1 mode



(8) In case of an unusual display in SCART2 mode



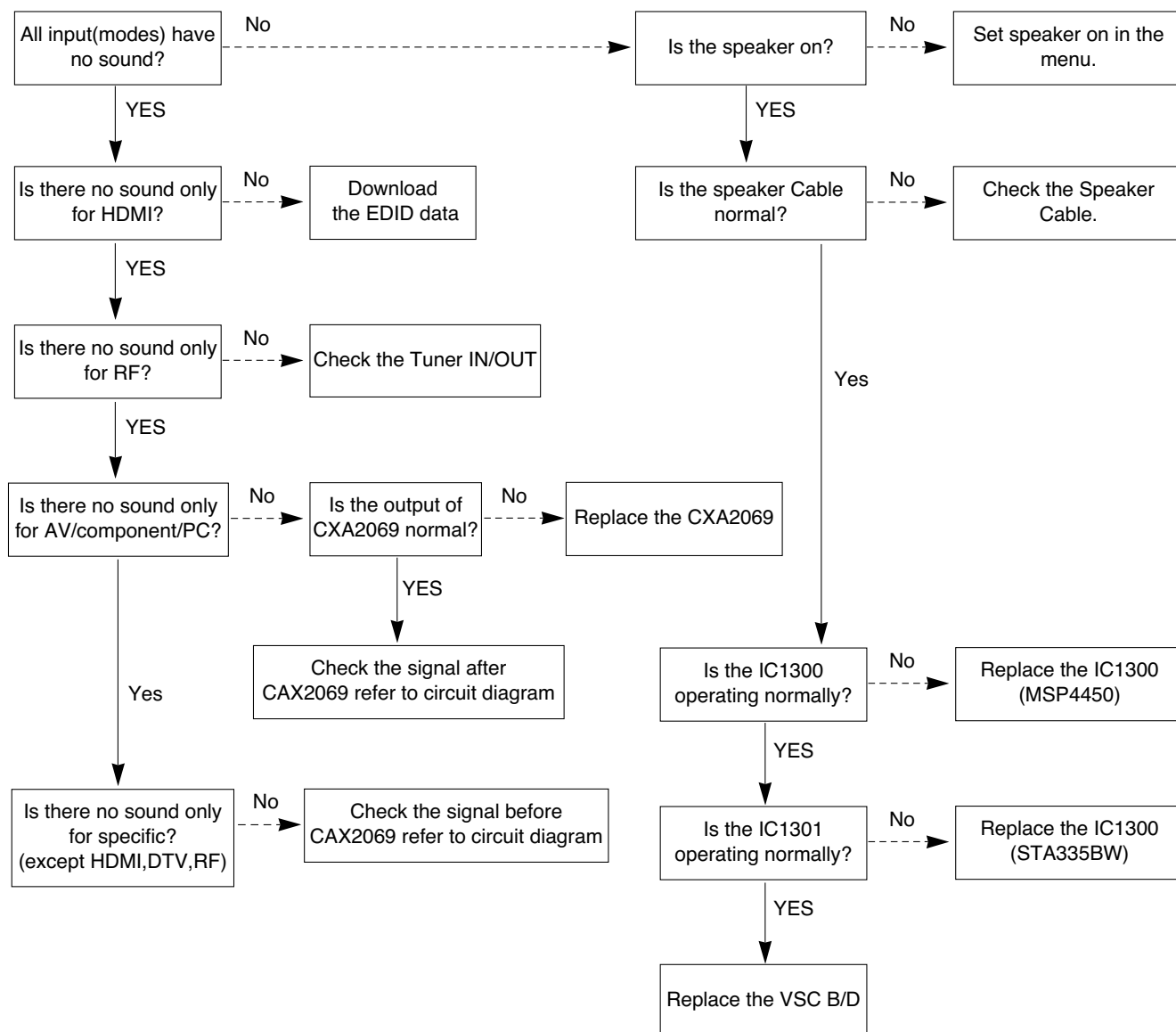
6. In case of no sound

(1) Symptom

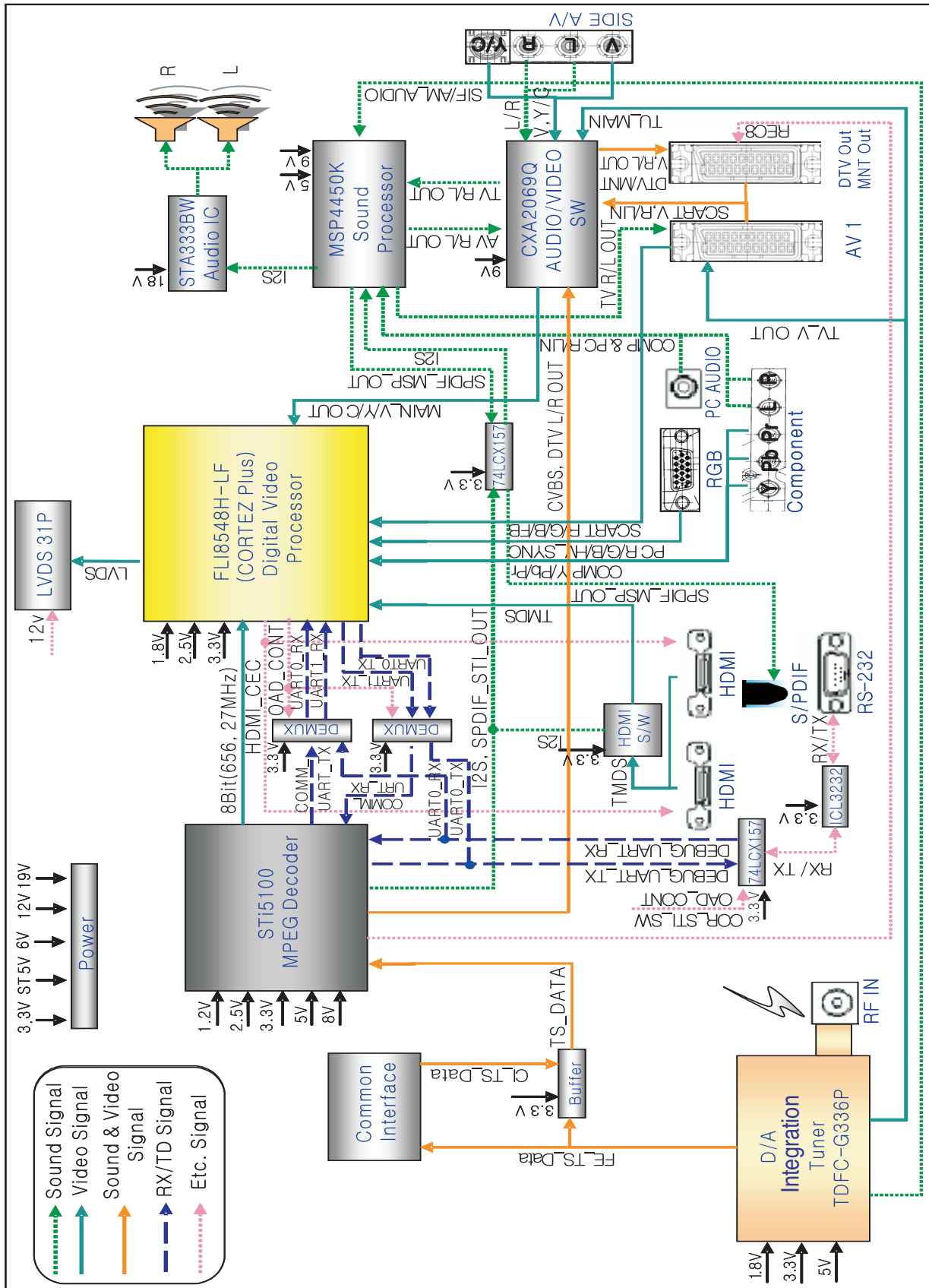
- 1) LED is Green.
- 2) Screen display appears but there is no sound.



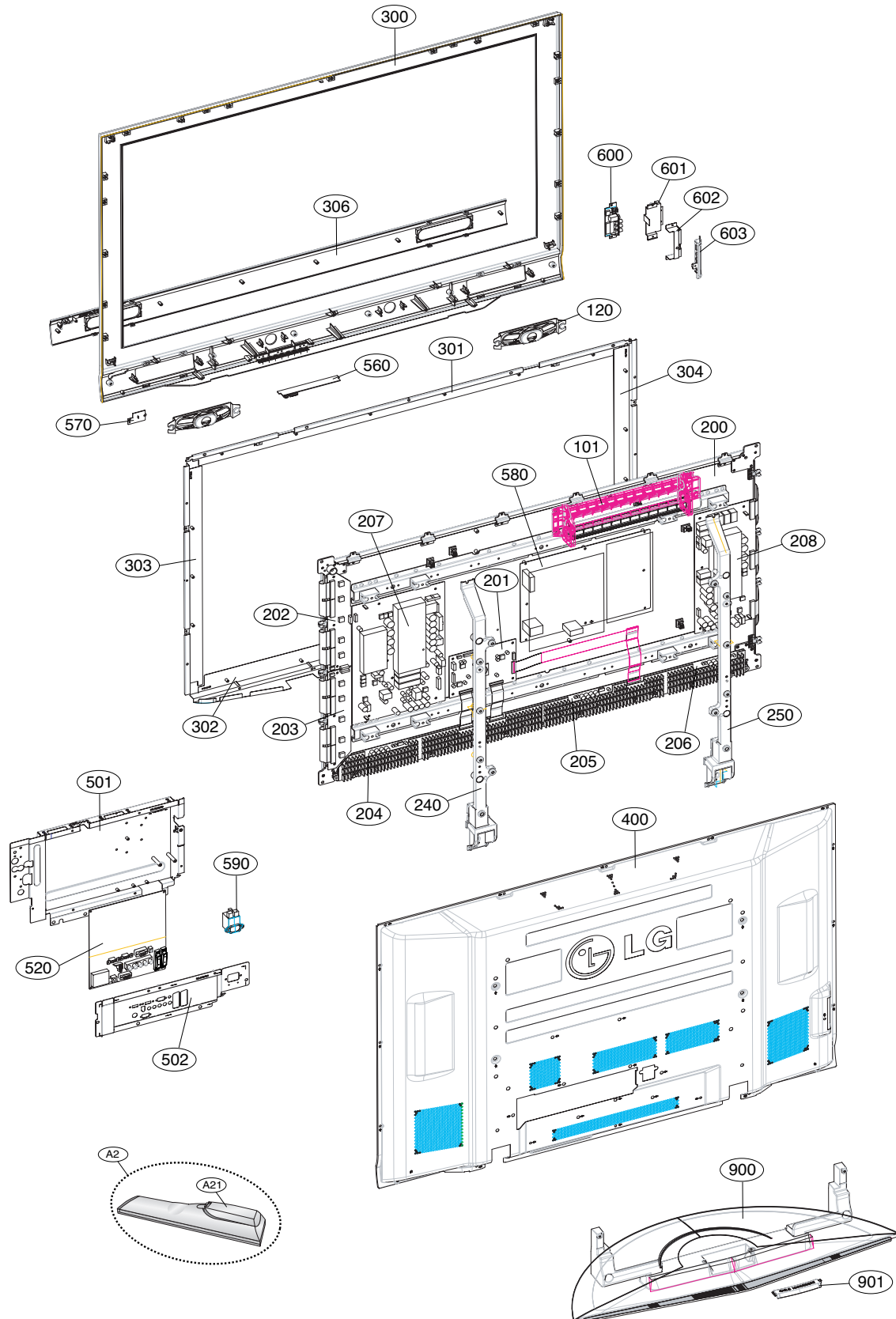
(2) Procedure check



BLOCK DIAGRAM



EXPLODED VIEW



EXPLODED VIEW PARTS LIST

The components identified by mark  is critical for safety.
Replace only with part number specified.

No.	Part No.	Descriptions
101	5900904001A	Fan Module, 5900904001A 1.7KRPM DC 12V 250UA 3W 50HZ 1.5M3 per MIN 396X60.2X108.3MM DONGYANG
120	EAB33775101	Speaker, Full Range EN1562C-6712 ND 10W 8OHM 82DB 100HZ 193.5 X 42 X 39.9 LUG KOREA TOPTONE
△ 200	EAJ37050601	PDP, Module-XGA PDP50X40501.ASLGB XGA 50INCH 1365X768 16/9 PDP DIVISION
△ 201	6871QCH083A	Hand Insert PCB Assembly, CTRL Board CTRL ASS'Y HAND INSERT 50" CTRL PDP DIVISION
△ 202	6871QDH115A	Hand Insert PCB Assembly, Y DRIVE TOP YDRV ASS'Y HAND INSERT 50" X4 PDP DIVISION
△ 203	6871QDH116A	Hand Insert PCB Assembly, Y DRIVE BOTTOM YDRV ASS'Y HAND INSERT 50" X4 YDRV BTM PDP DIVISION
△ 204	6871QLH063A	Hand Insert PCB Assembly, 6871QLH063A , X_LEFT BOARD XRLT ASS'Y HAND INSERT 50" X4 PDP DIVISION
△ 205	6871QRH073A	Hand Insert PCB Assembly, 6871QRH073A , X_RIGHT BOARD XRRT ASS'Y HAND INSERT 50" X4 PDP DIVISION
△ 206	6871QXH034A	Hand Insert PCB Assembly, X_CENTER BOARD XRCT ASS'Y HAND INSERT 50" X4 PDP DIVISION
△ 207	EBR36223601	Hand Insert PCB Assembly, YSUS ASS'Y HAND INSERT 50" X4. Adapted OSP. PDP DIVISION
△ 208	EBR36223801	Hand Insert PCB Assembly, ZSUS ASS'Y HAND INSERT 50" X4. Adapted OSP. PDP DIVISION
240	AJJ31591603	Supporter Assembly, 50PC5 SUPPORTER VERTICAL RIGHT FOR SKD
250	AJJ31591604	Supporter Assembly, 50PC5 SUPPORTER VERTICAL LEFT FOR SKD
△ 300	ABJ31591211	Cabinet Assembly, 50PC5D-ZB NON 50" 50PC5D-ZB ALL BLACK H&C 1PIECE
301	AJJ31592505	Supporter Assembly, 50PC5 SUPPORTER TOP ASSY FOR PHANTOM,LGEMA ASSY
302	AJJ31592605	Supporter Assembly, 50PC5 SUPPORTER BOTTOM ASSY FOR PHANTOM,LGEMA ASSY
303	AJJ31592705	Supporter Assembly, 50PC5 SUPPORTER RIGHT ASSY FOR PHANTOM,LGEMA ASSY
304	AJJ31592805	Supporter Assembly, 50PC5 SUPPORTER LEFT ASSY FOR PHANTOM,LGEMA ASSY
306	ABA31592902	Bracket Assembly, DECO 50PC5 NON DECO BRACKET ASSY (Direct Grill),Black
△ 400	ACQ31591305	Cover Assembly, 50PC5R-ZB NON 50" PCM SECD 0.5t FOR LGEMA local
501	AGU31681116	Plate Assembly, ASSY PLATE TUNER BOT SMALL, 42PC5D-ZB ,MA LOCAL
502	AGU31680922	Plate Assembly, ASSY 42PC5D-ZB(WITH SLOT CARD, MA LOCAL)
520	EBR34792201	Hand Insert PCB Assembly, Main M.I PD73A 50PC5D - 50PC5D MAIN SKD
	EBR34792221	Hand Insert PCB Assembly, Main M.I PD73A 50PC5D KEKLLMP Main M.I PCB Ass'y 50PC5D-ZB for MA_CKD
560	EBR33718501	Hand Insert PCB Assembly, Sub M.I PD73A 42PC5D - 42PC5D CONTROL MANUAL(Hand Insert PCB)
570	EBR33721001	Hand Insert PCB Assembly, Sub M.I PD73A 42PC5D - 42PC5D IR/LED
△ 580	EAY32957901	SMPS, AC/DC YPSU-J017A 100VTO240V 530W 50 TO 60HZ 50INCH PDP XPOWER LGIT PSU LG INNOTEK.,LTD.
590	EAM35012703	Filter, AC Line IF2-N06CEWL2 5.3mH 250VAC 6A 0.22uF 1000pF VDE/CSA/K/CCC 450/130MM CORE ADDTION..
600	EBR33717101	Hand Insert PCB Assembly,Sub M.I PD73A 42PC5D - 42PC5D side AV hand insert PCB Assy
601	MJH32554901	Supporter, PRESS SBHG 1 GUIDE EGI 42PC5, SUPP. SIDE AV
602	MGJ32369301	Plate, Shield PRESS SPTE 0.3 SHIELD SPTE 42PC5, SHIELD CASE SIDE AV
603	ABA31583301	Bracket Assembly, SIDE AV 42PC5 AB NON
△ 900	AAN31593104	Base Assembly, STAND 50PC5 NON 50PC5 FIX STAND FOR "PLASMA DISPLAY PANEL" SKD
901	MCK32604801	Cover, MOLD ABS 42PC5 ABS CABLE MANAGEMENT
A2	MKJ32022813	Remote Controller, COMPLEX LD73A 26LC4 EUROPASS_DVB
A21	3550V00590A	Cover, MOLD ABS BATTERY TN-50PY20 ABS 6710V00142

REPLACEMENT PARTS LIST

DATE: 2007. 05. 10.

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
CAPACITORS					
C1	0CH3104K566	0805B104K500CT 100nF 10% 50V X7R -5	C114	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C100	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V C0G -55	C115	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C100	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50V C0G -5	C116	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C100	0CH5101K416	C2012C0G1H101JT 100pF 5% 50V C0G -5	C117	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1003	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C118	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V 16MA -
C1004	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C119	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1005	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C120	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1006	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C1204	0CC221CK41A	C1608C0G1H221JT 220pF 5% 50V C0G -5
C1007	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1205	0CK393CK56A	0603B393K500CT 39nF 10% 50V X7R -55
C1008	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1206	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R -55T
C1009	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1207	0CK393CK56A	0603B393K500CT 39nF 10% 50V X7R -55
C101	0CE4763F618	ESF476M016T1A5E05G 47uF 20% 16V 60M	C1208	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R -55T
C101	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50V C0G -5	C1209	0CC221CK41A	C1608C0G1H221JT 220pF 5% 50V C0G -5
C101	0CK103BH56A	C1005X7R1E103KT- 10nF 10% 25V X7R -	C121	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1010	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1210	0CC221CK41A	C1608C0G1H221JT 220pF 5% 50V C0G -5
C102	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V 16MA -	C1211	0CC331CK41A	C1608C0G1H331JT 330pF 5% 50V C0G -5
C102	0CE4763F618	ESF476M016T1A5E05G 47uF 20% 16V 60M	C1215	0CC331CK41A	C1608C0G1H331JT 330pF 5% 50V C0G -5
C103	0CE4763F618	ESF476M016T1A5E05G 47uF 20% 16V 60M	C1216	0CC331CK41A	C1608C0G1H331JT 330pF 5% 50V C0G -5
C103	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C1217	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25V 25MA -
C104	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X7R -55	C122	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C104	0CH6330K416	C2012C0G1H330JT 33p 5% 50V C0G -55T	C1225	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25V 25MA -
C105	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C123	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C106	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C1232	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1068	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	C1234	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R -55T
C107	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C1235	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R -55T
C108	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C1236	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25V 25MA -
C109	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X7R -55	C1237	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25V 25MA -
C110	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V 16MA -	C1239	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C1100	0CC050CK11A	C1608C0G1H050DT 5pF 0.5PF 50V C0G -	C124	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1101	0CC050CK11A	C1608C0G1H050DT 5pF 0.5PF 50V C0G -	C1244	0CK393CK56A	0603B393K500CT 39nF 10% 50V X7R -55
C1104	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C1246	0CK393CK56A	0603B393K500CT 39nF 10% 50V X7R -55
C1105	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C1247	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1106	0CC120CK41A	C1608C0G1H120JT 12pF 5% 50V C0G -55	C1248	0CC050CK11A	C1608C0G1H050DT 5pF 0.5PF 50V C0G -
C1108	0CC120CK41A	C1608C0G1H120JT 12pF 5% 50V C0G -55	C1249	0CC050CK11A	C1608C0G1H050DT 5pF 0.5PF 50V C0G -
C111	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C125	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1116	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1250	0CC050CK11A	C1608C0G1H050DT 5pF 0.5PF 50V C0G -
C1119	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1251	0CC050CK11A	C1608C0G1H050DT 5pF 0.5PF 50V C0G -
C112	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C1252	0CC050CK11A	C1608C0G1H050DT 5pF 0.5PF 50V C0G -
C1120	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1253	0CC050CK11A	C1608C0G1H050DT 5pF 0.5PF 50V C0G -
C1121	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1254	0CC050CK11A	C1608C0G1H050DT 5pF 0.5PF 50V C0G -
C1123	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1255	0CC050CK11A	C1608C0G1H050DT 5pF 0.5PF 50V C0G -
C1125	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C126	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1128	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C127	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C113	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C128	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1132	0CC681CK41A	C1608C0G1H681JT 680pF 5% 50V C0G -5	C129	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1133	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -5	C130	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1134	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -5	C1300	0CK105DH56A	C2012X7R105KFT 1uF 10% 25V X7R -55T
C1135	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1301	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C1136	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1302	0CE108EH618	KMG5.0TP25VB1000M 1000uF 20% 25V 82
			C1303	0CK105DH56A	C2012X7R105KFT 1uF 10% 25V X7R -55T

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
C1304	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1363	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C1305	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1364	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C1306	0CK222CK56A	0603B222K500CT 2.2nF 10% 50V X7R -5	C1365	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C1307	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V Y5P -	C1366	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C1308	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V Y5P -	C1367	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C1309	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20% 50V 19MA	C1368	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C131	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C1369	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C1310	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20% 50V 19MA	C137	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1311	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1370	0CF4741L430	PCMT365 76474 470nF 5% 63V MPE -40T
C1312	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C1371	0CF4741L430	PCMT365 76474 470nF 5% 63V MPE -40T
C1313	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -	C1373	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C1314	0CC030CK01A	0603N3R0C500LT 3pF 0.25PF 50V C0G -	C138	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1315	0CC030CK01A	0603N3R0C500LT 3pF 0.25PF 50V C0G -	C139	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1316	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C140	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1317	0CC560CK41A	C1608C0G1H560JT 56pF 5% 50V C0G -55	C1400	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20% 50V 19MA
C1318	0CC560CK41A	C1608C0G1H560JT 56pF 5% 50V C0G -55	C1401	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20% 50V 19MA
C1319	0CE335WK6D8	MVK4.0TP50VC3.3M 3.3uF 20% 50V 14MA	C1402	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V Y5P -
C132	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C1403	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V Y5P -
C1320	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V	C1404	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C1321	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V	C1407	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -
C1322	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C1408	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1325	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -	C1409	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1326	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V	C141	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1327	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1410	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA -
C1329	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V	C1411	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C133	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C1412	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1330	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C1413	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1332	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V	C1418	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C1333	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50V C0G -5	C1419	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C1335	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V	C142	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1338	0CK471CK56A	C1608X7R1H471KT 470pF 10% 50V X7R -	C1420	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V Y5V -
C134	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C1421	0CC820CK41A	C1608C0G1H820JT 82pF 5% 50V C0G -55
C1340	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C1422	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C1341	0CE335WK6D8	MVK4.0TP50VC3.3M 3.3uF 20% 50V 14MA	C1423	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C1342	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1426	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C1343	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	C1428	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V Y5V -
C1344	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25V 25MA -	C1429	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C1345	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25V 25MA -	C143	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1346	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V	C1439	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C1347	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V	C144	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C135	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C1440	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V Y5V -
C1350	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V 16MA -	C1441	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C1351	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1442	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V Y5V -
C1352	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1444	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C1353	0CK222CK56A	0603B222K500CT 2.2nF 10% 50V X7R -5	C1445	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V Y5V -
C1354	0CC102CK41A	C1608C0G1H102JT 1nF 5% 50V C0G -55T	C1447	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C1355	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1448	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C1356	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50V C0G -5	C1449	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V Y5V -
C1357	0CC221CK41A	C1608C0G1H221JT 220pF 5% 50V C0G -5	C145	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1358	0CH2122K516	0805B122K500CT 1.2nF 10% 50V Y5P -3	C1450	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1359	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C1451	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C136	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C1452	0CC150CK41A	C1608C0G1H150JT 15pF 5% 50V C0G -55
C1360	0CC331CK41A	C1608C0G1H331JT 330pF 5% 50V C0G -5	C1453	0CC150CK41A	C1608C0G1H150JT 15pF 5% 50V C0G -55
C1361	0CC331CK41A	C1608C0G1H331JT 330pF 5% 50V C0G -5	C146	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C1362	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C147	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
C148	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C193	0CK822CK46A	0603B822J500CT 8.2nF 10% 50V X7R -5
C149	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C194	0CK822CK46A	0603B822J500CT 8.2nF 10% 50V X7R -5
C150	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C195	0CC220CK41A	C1608C0G1H220JT 22pF 5% 50V C0G -55
C151	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C196	0CC100CK41A	C1608C0G1H100JT 10pF 5% 50V C0G -55
C152	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C197	0CK475CC94A	C1608Y5V0J475ZT 4.7uF -20TO+80% 6.3
C153	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C198	0CK475CC94A	C1608Y5V0J475ZT 4.7uF -20TO+80% 6.3
C154	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C199	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C155	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C200	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C156	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C201	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V C0G -55
C157	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C202	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50V C0G -5
C158	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C203	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C159	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C204	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C160	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C206	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C161	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C207	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C162	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C209	EAE32755801	CL31A106K5HNNNE 10uF 10% 16V X5R -5
C163	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C212	EAE32755801	CL31A106K5HNNNE 10uF 10% 16V X5R -5
C164	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C213	EAE32755801	CL31A106K5HNNNE 10uF 10% 16V X5R -5
C165	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C216	EAE32755801	CL31A106K5HNNNE 10uF 10% 16V X5R -5
C166	EAE32755801	CL31A106K5HNNNE 10uF 10% 16V X5R -5	C218	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C167	EAE32755801	CL31A106K5HNNNE 10uF 10% 16V X5R -5	C219	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C168	EAE32755801	CL31A106K5HNNNE 10uF 10% 16V X5R -5	C220	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C169	0CC100CK41A	C1608C0G1H100JT 10pF 5% 50V C0G -55	C221	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C170	0CC220CK41A	C1608C0G1H220JT 22pF 5% 50V C0G -55	C222	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C1700	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C224	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C1701	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -5	C226	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1702	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C227	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1703	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C228	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C1705	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C229	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C1706	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C230	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C1707	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C231	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C1708	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -	C232	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C1709	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C233	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C171	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C234	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C1710	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C235	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C172	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C236	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C173	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C237	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C174	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C238	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C175	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C239	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C176	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C240	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C177	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C241	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C178	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C242	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C179	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C243	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C180	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C301	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C181	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V 16MA -	C302	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C182	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X7R -55	C303	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C183	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C306	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C184	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C307	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C185	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C308	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C186	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C309	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C187	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C310	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C188	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C311	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C189	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C312	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C190	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C313	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C191	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C314	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C192	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C409	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
C410	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C604	0CC100CK41A	C1608C0G1H100JT 10pF 5% 50V C0G -55
C411	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C605	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C412	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V 16MA -	C606	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C413	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C608	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50V C0G -5
C414	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V 16MA -	C609	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C415	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C610	0CC271CK41A	C1608C0G1H271JT 270pF 5% 50V C0G -5
C416	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C611	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C417	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C612	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA -
C418	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA -	C613	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C419	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA -	C615	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C422	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C616	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C423	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA -	C623	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V C0G -55
C424	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C624	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V C0G -55
C425	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA -	C625	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C427	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C626	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C429	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C627	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5
C430	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	C630	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C515	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	C633	0CK475CC94A	C1608Y5V0J475ZT 4.7uF -20TO+80% 6.3
C516	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C635	0CK472CK56A	0603B472K500CT 4.7nF 10% 50V X7R -5
C517	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20% 16V 80MA	C636	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55
C518	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C637	0CK472CK56A	0603B472K500CT 4.7nF 10% 50V X7R -5
C519	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	C638	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C520	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C639	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C521	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C640	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C522	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	C641	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V C0G -55
C523	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	C642	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V C0G -55
C524	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA	C700	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C525	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C701	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -
C526	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C702	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C527	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	C703	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C528	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20% 16V 80MA	C704	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C529	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C705	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -
C530	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C706	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -5
C531	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C707	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C532	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C708	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -5
C533	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	C709	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C534	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20% 16V 80MA	C710	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C535	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X7R -55	C711	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C537	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C712	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C539	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C713	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -5
C540	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X7R -55	C714	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C541	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	C715	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C542	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C716	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C543	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	C717	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C544	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C718	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C548	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	C721	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C549	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	C722	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C550	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C723	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -
C551	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C724	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C553	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C725	0CC200CK41A	C1608C0G1H200JT 20pF 5% 50V C0G -55
C554	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X7R -55	C726	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C555	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X7R -55	C727	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V 30MA -
C601	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50V C0G -5	C728	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C602	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	C729	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5
C603	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	C730	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
C870	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -5	D900	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150M
C875	0CK104BF56A	C1005X7R104KET 100nF 10% 16V X7R -5	D902	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150M
C900	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	D903	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150M
C901	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	D904	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150M
C903	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA -	D905	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150M
C905	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	D906	0DD100009AM	EU1ZV(1) 200V 2.5V 10UA 15A 400NSEC
C907	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	ZD1100	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SO
C908	0CK104CF56A	0603B104K160CT 100nF 10% 16V X7R -5	ZD1101	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SO
C909	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	ZD1104	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C910	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	ZD1105	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C911	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	ZD1106	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C912	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA -	ZD1107	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C914	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	ZD1108	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C915	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	ZD1109	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C917	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	ZD1110	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C924	0CE107WH6DC	MVK8.0TP25VC100M 100uF 20% 25V 180M	ZD1111	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C925	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20% 16V 80MA	ZD1112	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C928	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20% 16V 80MA	ZD1113	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C929	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20% 16V 80MA	ZD1114	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C931	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	ZD1203	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C932	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	ZD1211	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SO
C933	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	ZD1212	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SO
C934	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	ZD1218	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C935	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	ZD1219	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C937	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	ZD1220	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C954	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA	ZD1221	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C955	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V	ZD1222	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C956	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V	ZD1223	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C957	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	ZD1224	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C958	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	ZD1226	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD
C959	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	ZD1300	0DZRM00248A	RLZ8.2B 8.2V 7.78TO8.19V 80HM 500MW
C960	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	D100	0DL200000CA	LED, SAM5670(DL-2LRG) ROUND 4.8MM Y-GREE
C961	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	ICs		
C962	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	IC100	0IPRP00703B	STI5100GUC 3.3V 5u 27M PBGA TR 336P
C969	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	IC1002	0IMMRAL014D	AT24C02BN-10SU-1.8 2KBIT 256x8BIT 1
C970	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	IC1003	0IMMRAL014D	AT24C02BN-10SU-1.8 2KBIT 256x8BIT 1
C971	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	IC1004	EAN33595101	STHDMI002A 3.135TO3.465 9NSEC 9NSEC
C972	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	IC102	0ISTLPH026A	74LVC14APW 1.2TO3.6V 0.01mA SCHMITT
C973	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	IC103	0IMP242560A	24LC256T-I/SM 256KBIT 256KX8BIT 2.5
C974	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	IC1100	0IMMRAL014D	AT24C02BN-10SU-1.8 2KBIT 256x8BIT 1
C975	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA	IC1101	0IPH741400E	74HC14D 2TO6V 0.002mA SCHMITT TRIGG
C977	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R -5	IC1102	0IPRP00009A	ICL3232CBNZ 3VTO5.5V - SSOP R/TP 16
C980	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R -55	IC1104	0ITO741570C	TC74LCX157FT 2TO3.6V 0.01mA MULTIPL
C981	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA -	IC1105	0IMCRFA018A	NC7SB3157P6X_NL 1.65TO5.5V 0.001mA
DIODEs			IC1106	0IMCRFA018A	NC7SB3157P6X_NL 1.65TO5.5V 0.001mA
D100	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD	IC1300	0IMCRMN028C	MSP4450K-QA-D6 7.6TO8.7V_4.75TO5.25
D1000	0DD184009AA	KDS184 KDS184 TP KEC - 85V --- 30	IC1301	0ILNR00261C	STA335BW 5TO26V 0 10% 20W 0W 80dB 2
D1001	0DD184009AA	KDS184 KDS184 TP KEC - 85V --- 30	IC1400	0ISO206900A	CXA2069Q 8.5TO9.5V - - 1.3W QFP TR
D101	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SO	IC200	0IPMG78391A	SC2595STR 2.3TO5V 0 0W SOIC R/TP 8P
D102	EAH33946001	CDS3C05GTA 5.6V 6.4V 19V 1.9A 1W SO	IC202	0IMMRIH038B	HYB25D(C)256160CE-5 256MBIT 4MX16BI
D103	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD	IC300	0ISTLPH003B	74LVC541APW 1.2TO3.6V 0.01mA BUFFER
D104	EAH33945901	CDS3C30GTH 30V 50V 120V 1.9A 1W SOD	IC301	0IMCRFA013A	74LCX244MTC 2TO3.6V 0.01mA BUFFER/L
D401	0DD100009AM	EU1ZV(1) 200V 2.5V 10UA 15A 400NSEC	IC302	0ISTLPH003B	74LVC541APW 1.2TO3.6V 0.01mA BUFFER

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
IC303	0IMCRFA013A	74LCX244MTC 2TO3.6V 0.01mA BUFFER/L	L1301	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC304	0ISTLPH048A	74LVC245APW 1.2TO3.6V 0.01mA TRANSC	L1302	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC305	0ISTL00083A	74LCX373MTC 2.0V to 3.6V 10uA LATCH	L1303	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC306	0ISTL00083A	74LCX373MTC 2.0V to 3.6V 10uA LATCH	L1309	6210TCE001S	HU-1M2012-121 120OHM 2X1.25X1MM SMD
IC402	0ITO740800C	TC74LCX08FT 2TO3.6V 10uA AND GATE T	L1310	6210TCE001S	HU-1M2012-121 120OHM 2X1.25X1MM SMD
IC403	0IMCRPH015A	74LVC32AD 1.2TO3.6V 0.01mA OR GATE	L1311	6210TCE001S	HU-1M2012-121 120OHM 2X1.25X1MM SMD
IC404	0ISTLPH026A	74LVC14APW 1.2TO3.6V 0.01mA SCHMITT	L1312	6210TCE001S	HU-1M2012-121 120OHM 2X1.25X1MM SMD
IC405	0IPMGKE032A	KIA78R09F 10TO25V 9V 8W DPAK R/TP 5	L1314	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC406	0IPMGKE032A	KIA78R09F 10TO25V 9V 8W DPAK R/TP 5	L1315	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC410	0ITO741570C	TC74LCX157FT 2TO3.6V 0.01mA MULTIPL	L1401	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC500	0IMCRSJ001A	SC15651ST-1.8 2.2TO5.5V 1.8V 0W SOT	L1403	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC501	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V 0W T	L1412	6210TCE001E	HB-1M2012-800JT(H:1mm) 80OHM 2X1.25
IC502	0IMCRSJ001B	SC15651ST-2.5TR 2.2TO5V 2.5V 0W SOT	L1413	6210TCE001E	HB-1M2012-800JT(H:1mm) 80OHM 2X1.25
IC503	0IPMGKE030A	KIA78R05F 6TO12V 5V 8W DPAK R/TP 5P	L400	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC504	0IPMGKE031A	KIA78R33F 4TO10V 3.3V 8W DPAK R/TP	L406	6210TCE001P	HB-1S2012-121JT(H:1mm) 120OHM 2X1.2
IC505	0IPMGKE031A	KIA78R33F 4TO10V 3.3V 8W DPAK R/TP	L407	6210TCE001P	HB-1S2012-121JT(H:1mm) 120OHM 2X1.2
IC506	0ISTL00029A	MC33078DR2G +5TO+18V 2mV 0.002% 0	L411	6210TCE001P	HB-1S2012-121JT(H:1mm) 120OHM 2X1.2
IC507	0IPMGKE030A	KIA78R05F 6TO12V 5V 8W DPAK R/TP 5P	L606	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC600	0IPRP00602A	TPS2010ADR 2.7TO5.5V 8.6MSEC 3.4MSE	L607	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC700	EAN33595901	FLI8548H-LF-BE 300MVTQ3.6V,300MVTQ2	L700	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC701	0IMP242560A	24LC256T-I/SM 256KBIT 256KX8BIT 2.5	L701	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC702	EAN34099701	M2404HEPROM 4KBIT 512 x 8bit 2.5VTO	L703	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC801	0IMMRIH038B	HYB25D(C)256160CE-5 256MBIT 4MX16BI	L704	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC804	0IPMG78391A	SC2595STR 2.3TO5V 0 0W SOIC R/TP 8P	L705	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC900	0IPMGFA061A	FAN1587AD33X 4.8TO10.3V 3.3V 0W TO2	L706	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC901	0IPMGFA061A	FAN1587AD33X 4.8TO10.3V 3.3V 0W TO2	L707	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC902	0IPMG00107A	AZ1117H-2.5TR/E1 15V 2.5V 0W SOT223	L900	6210TCE001X	HU-1H4532-121JT 120OHM 4.5X3.2X1.3M
IC903	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V 0W T	L907	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
IC904	EAN32662801	KA7809ERTM 35V to 40V 9V 1W DPAK R/	L909	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
FILTERs & INDUCTORS			L910	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
F1	6210VH0004A	6210VH0004A 100OHM 30MM 13MM 34MM R	L911	6210TCE001X	HU-1H4532-121JT 120OHM 4.5X3.2X1.3M
L100	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M	L912	6210TCE001X	HU-1H4532-121JT 120OHM 4.5X3.2X1.3M
L101	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M	L913	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
L102	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M	L918	6210TCE001X	HU-1H4532-121JT 120OHM 4.5X3.2X1.3M
L103	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M	L919	6210TCE001X	HU-1H4532-121JT 120OHM 4.5X3.2X1.3M
L104	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M	L923	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
L105	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M	L925	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M
L106	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M	X100	6212AC2002B	Crystal, 9H03200164 32.768KHZ 20PPM 12.5pF 6
L108	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M	X101	6212AB2883A	Crystal, HC-49SM 27.00000MHZ 27MHZ 30PPM 16p
L1101	6210TCE001L	HB-1T2012-102JT 1000OHM 2X1.25X1MM	X1300	156-A02R	Crystal, EUA18.4320F16E33L 18.432MHZ 30PPM 1
L1102	6210TCE001L	HB-1T2012-102JT 1000OHM 2X1.25X1MM	X700	6212AB2015J	Crystal, HC-49SM 19.66080HZ 19.6608HZ 30PPM
L1104	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M	L100	0LC2232101A	Inductor, FI-D3216-223KJT 22UH 10% - 25MA 1.5
L1105	6210TCE001P	HB-1S2012-121JT(H:1mm) 120OHM 2X1.2	L109	0LC1032101A	Inductor, FI-C3216-103KJT 10UH 10% - 50MA 0.7
L1106	6210TCE001P	HB-1S2012-121JT(H:1mm) 120OHM 2X1.2	L1209	0LC0233002A	Inductor, FI-B2012-332KJT 3.3UH 10% 50V 50MA
L1107	6210TCE001P	HB-1S2012-121JT(H:1mm) 120OHM 2X1.2	L1210	0LC0233002A	Inductor, FI-B2012-332KJT 3.3UH 10% 50V 50MA
L1108	6210TCE001P	HB-1S2012-121JT(H:1mm) 120OHM 2X1.2	L1213	0LC0233002A	Inductor, FI-B2012-332KJT 3.3UH 10% 50V 50MA
L1109	6210TCE001P	HB-1S2012-121JT(H:1mm) 120OHM 2X1.2	L1214	0LC0233002A	Inductor, FI-B2012-332KJT 3.3UH 10% 50V 50MA
L1206	6210TCE001Z	HH-1M2012-600JT 60OHM 2X1.25X1MM SM	L1216	0LC0233002A	Inductor, FI-B2012-332KJT 3.3UH 10% 50V 50MA
L1207	6210TCE001Z	HH-1M2012-600JT 60OHM 2X1.25X1MM SM	L1217	0LC0233002A	Inductor, FI-B2012-332KJT 3.3UH 10% 50V 50MA
L1208	6210TCE001Z	HH-1M2012-600JT 60OHM 2X1.25X1MM SM	L1218	0LC0233002A	Inductor, FI-B2012-332KJT 3.3UH 10% 50V 50MA
L1211	6210TCE001L	HB-1T2012-102JT 1000OHM 2X1.25X1MM	L1219	0LC0233002A	Inductor, FI-B2012-332KJT 3.3UH 10% 50V 50MA
L1212	6210TCE001L	HB-1T2012-102JT 1000OHM 2X1.25X1MM	L1220	0LC0233002A	Inductor, FI-B2012-332KJT 3.3UH 10% 50V 50MA
L1300	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3M	L1221	0LC0233002A	Inductor, FI-B2012-332KJT 3.3UH 10% 50V 50MA
			L1222	0LC0233002A	Inductor, FI-B2012-332KJT 3.3UH 10% 50V 50MA
			L1304	0LCTO00019A	Inductor, D75C-646CY-220M=P3 22UH 20% 0V 1.09

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
L1305	0LCTO00019A	Inductor, D75C-646CY-220M=P3 22UH 20% 0V 1.09
L1306	0LCTO00019A	Inductor, D75C-646CY-220M=P3 22UH 20% 0V 1.09
L1307	0LCTO00019A	Inductor, D75C-646CY-220M=P3 22UH 20% 0V 1.09
L600	0LCTA00003A	Inductor, LEMC3225T6R8M 6.8UH 20% 50V 360MA 0
L601	0LCTA00003A	Inductor, LEMC3225T6R8M 6.8UH 20% 50V 360MA 0
L604	0LC0233002A	Inductor, FI-B2012-332KJT 3.3UH 10% 50V 50MA
L605	0LCTA00003A	Inductor, LEMC3225T6R8M 6.8UH 20% 50V 360MA 0

TRANSISTORS & FETs

Q1001	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V 2 50MA 4
Q100	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q101	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q1100	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q1200	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q1201	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q1202	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q1203	0TR102009AM	KRA102S PNP -30V 0V -50V -0.1A -0.0
Q1204	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q1300	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q1301	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q1302	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q1303	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q1304	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q1305	0TR102009AM	KRA102S PNP -30V 0V -50V -0.1A -0.0
Q1400	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q1401	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q1402	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q1403	0TR150400BA	2SA1504S(ASY) PNP -5V -50V -50V -0.
Q1404	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q400	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q401	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q402	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q500	0TR102009AM	KRA102S PNP -30V 0V -50V -0.1A -0.0
Q502	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q503	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q504	0TR150400BA	2SA1504S(ASY) PNP -5V -50V -50V -0.
Q602	0TR150400BA	2SA1504S(ASY) PNP -5V -50V -50V -0.
Q603	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q604	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q606	0TR150400BA	2SA1504S(ASY) PNP -5V -50V -50V -0.
Q607	0TR150400BA	2SA1504S(ASY) PNP -5V -50V -50V -0.
Q608	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q609	0TR150400BA	2SA1504S(ASY) PNP -5V -50V -50V -0.
Q900	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q901	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q902	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q903	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q904	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q905	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q906	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q907	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
RESISTORS		
AR100	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R
AR101	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R
AR102	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R
AR103	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R
AR104	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R
AR105	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R
AR106	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R
AR107	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R
AR108	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R
AR109	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R
AR110	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R
AR111	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 SMD R
AR200	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4 SMD R
AR201	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4 SMD R
AR202	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4 SMD R
AR203	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4 SMD R
AR204	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4 SMD R
AR205	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4 SMD R
AR206	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4 SMD R
AR303	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4 SMD R
AR304	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4 SMD R
AR305	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4 SMD R
AR306	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4 SMD R
AR307	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4 SMD R
AR308	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4 SMD R
AR309	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4 SMD R
AR310	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4 SMD R
AR311	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4 SMD R
AR312	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4 SMD R
AR313	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4 SMD R
AR314	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4 SMD R
AR701	0RZZH033273	MNR04M0ABJ330 33OHM 5% 1/16W 4 SMD
AR702	0RZZH033273	MNR04M0ABJ330 33OHM 5% 1/16W 4 SMD
AR704	EBC32260501	MNR04M0APJ000 0OHM 5% 1/16W 4 SMD R
AR706	0RZZH033273	MNR04M0ABJ330 33OHM 5% 1/16W 4 SMD
AR708	0RZZH033273	MNR04M0ABJ330 33OHM 5% 1/16W 4 SMD
AR711	EBC32260501	MNR04M0APJ000 0OHM 5% 1/16W 4 SMD R
AR800	EBC32260405	MNR04M0APJ680 68OHM 5% 1/16W 4 SMD
AR805	EBC32260405	MNR04M0APJ680 68OHM 5% 1/16W 4 SMD
AR806	EBC32260405	MNR04M0APJ680 68OHM 5% 1/16W 4 SMD
AR807	EBC32260405	MNR04M0APJ680 68OHM 5% 1/16W 4 SMD
AR808	EBC32260405	MNR04M0APJ680 68OHM 5% 1/16W 4 SMD
AR809	EBC32260405	MNR04M0APJ680 68OHM 5% 1/16W 4 SMD
AR810	EBC32260405	MNR04M0APJ680 68OHM 5% 1/16W 4 SMD
L1205	0RJ0000G676	MCR18EZHJ000_ 0OHM 5% 1/4W 3216 R/T
L1215	0RJ0000G676	MCR18EZHJ000_ 0OHM 5% 1/4W 3216 R/T
R100	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R100	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R101	0RD9101Q609	RDM94T1J9K10 9.1KOHM 5% 1/4W 3.2X1.
R101	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/
R101	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R1016	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/
R1017	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
R1018	0RJ6800D677	MCR03EZPJ681 680OHM 5% 1/10W 1608 R	R1108	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R1019	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R111	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R102	0RD3301Q609	RDM94T1J3K30 3.3KOHM 5% 1/4W 3.2X1.	R1113	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/
R102	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R1114	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608
R102	0RJ4700D677	MCR03EZPJ471 470OHM 5% 1/10W 1608 R	R1115	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/
R102	0RH1302D622	MCR10EZHJ133 13KOHM 5% 1/8W 2012 R/	R1116	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608
R1020	0RJ6800D677	MCR03EZPJ681 680OHM 5% 1/10W 1608 R	R1117	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/
R1021	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R1118	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/
R1022	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R1119	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/
R1023	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R112	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R103	0RD1101Q609	RDM94T1J1K10 1.1KOHM 5% 1/4W 3.2X1.	R1120	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R103	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R1121	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/
R103	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R1122	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R103	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608	R1123	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1038	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1124	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/
R1039	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1125	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/
R104	0RD1100Q609	RDM94T1J110R 110OHM 5% 1/4W 3.2X1.8	R1126	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/
R104	0RJ4700D677	MCR03EZPJ471 470OHM 5% 1/10W 1608 R	R1127	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R104	0RH2002D622	MCR10EZHJ203 20KOHM 5% 1/8W 2012 R/	R1128	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/
R1040	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 1608 R	R1129	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1041	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 1608 R	R113	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R1042	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 1608 R	R1130	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1043	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 1608 R	R1131	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1044	0RJ3301D677	MCR03EZPJ332 3.3KOHM 5% 1/10W 1608	R1133	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1049	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1134	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R105	0RD9101Q609	RDM94T1J9K10 9.1KOHM 5% 1/4W 3.2X1.	R1135	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/
R105	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R1136	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R105	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608	R1137	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R105	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608	R1139	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R1050	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R114	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R1052	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1140	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1053	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1141	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1056	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R1148	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1057	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R1150	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1058	0RJ1003D677	MCR03EZPJ104 100KOHM 5% 1/10W 1608	R1151	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1059	0RJ2702D677	MCR03EZPJ273 27KOHM 5% 1/10W 1608 R	R1152	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R106	0RD3301Q609	RDM94T1J3K30 3.3KOHM 5% 1/4W 3.2X1.	R1157	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R106	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R1158	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R106	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1161	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R106	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1162	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R1060	0RJ3302D677	MCR03EZPJ333 33KOHM 5% 1/10W 1608 R	R1164	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1061	0RJ3302D677	MCR03EZPJ333 33KOHM 5% 1/10W 1608 R	R1165	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1065	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1166	0RJ3301D677	MCR03EZPJ332 3.3KOHM 5% 1/10W 1608
R107	0RD1101Q609	RDM94T1J1K10 1.1KOHM 5% 1/4W 3.2X1.	R1167	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R107	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/	R1168	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R108	0RD1100Q609	RDM94T1J110R 110OHM 5% 1/4W 3.2X1.8	R1169	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/
R108	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1170	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R109	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/	R1171	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R110	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R1185	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R110	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1186	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R1101	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R119	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1102	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/	R120	0RJ1802D677	MCR03EZPJ183 18KOHM 5% 1/10W 1608 R
R1103	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R1200	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/
R1104	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1201	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1107	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608	R1202	0RJ0682D677	MCR03EZPJ680 680OHM 5% 1/10W 1608 R/

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
R1203	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608	R1278	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608
R1204	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 1608 R	R1279	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 1608 R
R1205	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608	R128	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R1207	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608	R1280	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/
R1209	0RJ3002D677	MCR03EZPJ303 30KOHM 5% 1/10W 1608 R	R1281	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/
R121	0RJ1202D677	MCR03EZPJ123 12KOHM 5% 1/10W 1608 R	R1282	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608
R1210	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608	R1283	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608
R1211	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608	R1284	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R1212	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608	R1285	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R1213	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608	R1286	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R1214	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/	R1287	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R1215	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W 1608 R/	R1288	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R1216	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W 1608 R/	R1289	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R1219	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/	R129	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R122	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R1290	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R1220	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608	R1291	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R1221	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/	R1292	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R1222	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/	R1293	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R1223	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608	R1300	0RJ6202D677	MCR03EZPJ623 62KOHM 5% 1/10W 1608 R
R1224	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/	R1301	0RJ2402D677	MCR03EZPJ243 24KOHM 5% 1/10W 1608 R
R1225	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W 1608 R/	R1302	0RJ4700D677	MCR03EZPJ471 470OHM 5% 1/10W 1608 R
R1226	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W 1608 R/	R1303	0RJ1501D677	MCR03EZPJ152 1.5KOHM 5% 1/10W 1608
R1227	0RJ2201D477	MCR03EZPF222 2.2KOHM 1% 1/10W 1608	R1304	0RJ0432D677	MCR03EZPJ430 43OHM 5% 1/10W 1608 R/
R1228	0RJ2201D477	MCR03EZPF222 2.2KOHM 1% 1/10W 1608	R1305	0RJ0432D677	MCR03EZPJ430 43OHM 5% 1/10W 1608 R/
R1229	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/	R1307	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R123	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/	R1308	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1230	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/	R1309	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1231	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R131	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R1235	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608	R1310	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1236	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608	R1311	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1237	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W 1608 R/	R1312	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1238	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W 1608 R/	R1313	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1239	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1314	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R124	0RJ1200C678	MCR01MZPJ121 120OHM 5% 1/16W 1005 R	R1315	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/
R1240	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/	R1316	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/
R1241	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/	R1317	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R1242	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/	R1318	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R1243	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/	R1319	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1244	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/	R1320	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1245	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/	R1321	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 1608 R/
R125	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R1322	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 1608 R/
R1259	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/	R1323	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608
R126	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R1324	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608
R1260	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 1608 R/	R1327	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1261	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 1608 R/	R1328	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R
R1262	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1329	0RJ0101D677	MCR03EZPJ1R0 1OHM 5% 1/10W 1608 R/T
R1263	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R133	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R1264	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1330	0RJ0101D677	MCR03EZPJ1R0 1OHM 5% 1/10W 1608 R/T
R1270	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/	R1331	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R1271	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/	R1332	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R
R1273	0RJ3301D677	MCR03EZPJ332 3.3KOHM 5% 1/10W 1608	R1333	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R
R1274	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 1608 R/	R1334	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R
R1275	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1338	0RJ3901D677	MCR03EZPJ392 3.9KOHM 5% 1/10W 1608
R1276	0RJ3002D677	MCR03EZPJ303 30KOHM 5% 1/10W 1608 R	R134	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R1277	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1608	R1345	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
R1346	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608	R1431	0RJ1201C678	MCR01MZPJ122 1.2KOHM 5% 1/16W 1005
R1347	0RJ0392D677	MCR03EZPJ390 39OHM 5% 1/10W 1608 R/	R1433	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R1348	0RJ0392D677	MCR03EZPJ390 39OHM 5% 1/10W 1608 R/	R1436	0RJ1201C678	MCR01MZPJ122 1.2KOHM 5% 1/16W 1005
R1349	0RJ0392D677	MCR03EZPJ390 39OHM 5% 1/10W 1608 R/	R1438	0RJ1201C678	MCR01MZPJ122 1.2KOHM 5% 1/16W 1005
R1350	0RJ0392D677	MCR03EZPJ390 39OHM 5% 1/10W 1608 R/	R1439	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R1351	0RJ0122D677	MCR03EZPJ120 12OHM 5% 1/10W 1608 R/	R144	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R1352	0RJ0122D677	MCR03EZPJ120 12OHM 5% 1/10W 1608 R/	R145	0RJ2701D677	MCR03EZPJ272 2.7KOHM 5% 1/10W 1608
R1353	0RJ0122D677	MCR03EZPJ120 12OHM 5% 1/10W 1608 R/	R1452	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1354	0RJ0122D677	MCR03EZPJ120 12OHM 5% 1/10W 1608 R/	R1453	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608
R1355	0RJ0122D677	MCR03EZPJ120 12OHM 5% 1/10W 1608 R/	R1454	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1608
R1356	0RJ0122D677	MCR03EZPJ120 12OHM 5% 1/10W 1608 R/	R1455	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R1357	0RJ0122D677	MCR03EZPJ120 12OHM 5% 1/10W 1608 R/	R1456	0RJ1501D677	MCR03EZPJ152 1.5KOHM 5% 1/10W 1608
R1358	0RJ0122D677	MCR03EZPJ120 12OHM 5% 1/10W 1608 R/	R146	0RJ2701D677	MCR03EZPJ272 2.7KOHM 5% 1/10W 1608
R1359	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1460	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R136	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/	R1461	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R1360	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1462	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R1361	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1463	0RJ1003D677	MCR03EZPJ104 100KOHM 5% 1/10W 1608
R1362	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R1465	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R1363	0RD3301A609	RDM92T1J3K30 3.3KOHM 5% 1/2W 6.5X2.	R1466	0RJ1201C678	MCR01MZPJ122 1.2KOHM 5% 1/16W 1005
R1364	0RJ7500D677	MCR03EZPJ751 750OHM 5% 1/10W 1608 R	R1467	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/
R1365	0RJ7500D677	MCR03EZPJ751 750OHM 5% 1/10W 1608 R	R1468	0RJ1201C678	MCR01MZPJ122 1.2KOHM 5% 1/16W 1005
R1366	0RJ7500D677	MCR03EZPJ751 750OHM 5% 1/10W 1608 R	R1469	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R1367	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W 3216 R/T	R147	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R137	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R1470	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R138	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R1471	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R139	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R1472	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R140	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R1473	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1400	0RJ1501D677	MCR03EZPJ152 1.5KOHM 5% 1/10W 1608	R1474	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1401	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608	R1475	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1402	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R1476	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1403	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R1477	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R1404	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/	R1478	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R1405	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/	R148	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R1406	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R149	0RJ2701D677	MCR03EZPJ272 2.7KOHM 5% 1/10W 1608
R1407	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R150	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R1408	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R151	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/
R1409	0RJ1500D677	MCR03EZPJ151 150OHM 5% 1/10W 1608 R	R152	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R1410	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R153	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/
R1411	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R	R154	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R1412	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R	R155	0RJ3303D677	MCR03EZPJ334 330KOHM 5% 1/10W 1608
R1413	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R157	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R1414	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R1607	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1415	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R	R1608	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1416	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R	R1609	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1417	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R162	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R1418	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R163	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R1419	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R164	0RJ1202D677	MCR03EZPJ123 12KOHM 5% 1/10W 1608 R
R142	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R165	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R1420	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R166	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R1421	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R167	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R1422	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R168	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R1423	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R169	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1429	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1005 R/	R170	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R143	0RJ2701D677	MCR03EZPJ272 2.7KOHM 5% 1/10W 1608	R1703	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R1430	0RJ1201C678	MCR01MZPJ122 1.2KOHM 5% 1/16W 1005	R1704	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
R1706	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1005 R/	R1768	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/
R1708	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R1769	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/
R1709	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R177	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/
R1710	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/	R1770	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/
R1712	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 1005 R/T	R1771	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R1713	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608	R1773	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/
R1714	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 1005 R/T	R1774	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/
R1715	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R1775	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1716	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R	R1776	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R1717	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R1777	0RJ2201C678	MCR01MZPJ222 2.2KOHM 5% 1/16W 1005
R1718	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R	R1778	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R1719	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R178	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R1720	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R	R1780	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R1721	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608	R1784	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1722	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R1787	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R1724	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1005 R/	R179	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/
R1726	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R180	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/
R1727	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R183	0RJ3300D677	MCR03EZPJ331 330OHM 5% 1/10W 1608 R
R1728	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R184	0RJ3300D677	MCR03EZPJ331 330OHM 5% 1/10W 1608 R
R1729	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R185	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/
R173	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R186	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/
R1730	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R187	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 1005 R/
R1731	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R188	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R1732	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R189	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W 3216 R/T
R1733	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R192	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R1734	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R193	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R1735	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R195	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R1736	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R196	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1737	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R197	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1738	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R200	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R1739	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R201	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1740	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R202	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1741	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R203	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R1742	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R204	0RJ1000D677	MCR03EZPJ1

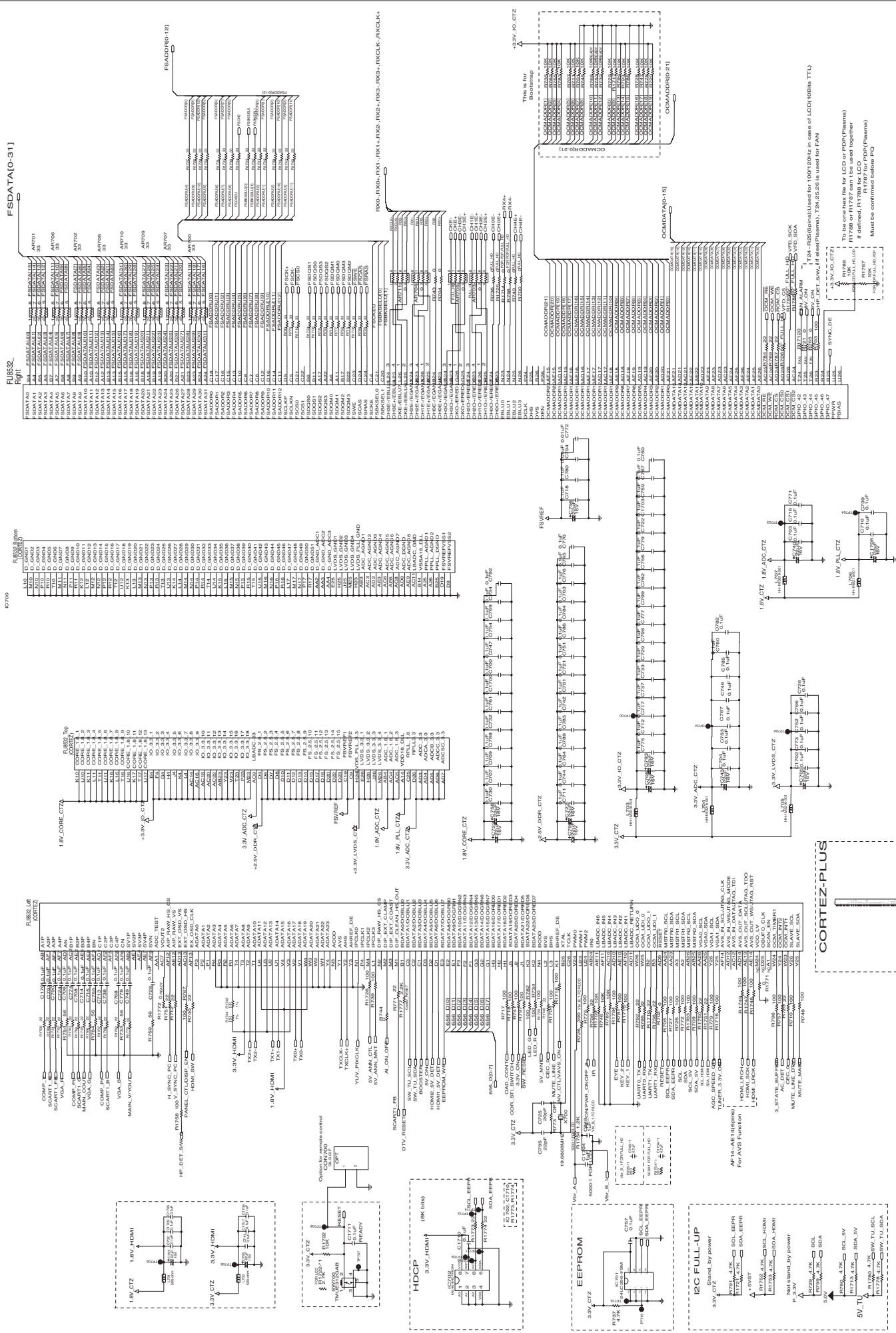
LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
R226	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R403	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R227	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R407	0RJ1202D677	MCR03EZPJ123 12KOHM 5% 1/10W 1608 R
R228	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R412	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R229	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R413	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R230	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R414	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/
R231	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R415	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/
R232	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R416	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R233	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R417	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R234	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R421	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/
R235	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R422	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R236	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R423	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R237	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R424	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R238	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R425	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R239	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R426	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R241	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R427	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R242	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/	R428	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R243	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R429	0RD0182H609	RD-92T1J18R0 18OHM 5% 1/2W 9.0X3.0M
R244	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R430	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R245	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R431	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R246	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R432	0RJ1202D677	MCR03EZPJ123 12KOHM 5% 1/10W 1608 R
R247	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R433	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R248	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R437	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/
R249	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/	R438	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R250	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/	R439	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R251	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R441	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R255	0RJ4701D477	MCR03EZPF472 4.7KOHM 1% 1/10W 1608	R446	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R256	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R448	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R257	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R521	EBC32306001	MCR03EZPF5FX9100 910OHM 1% 1/10W 160
R258	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R522	0RJ9311D477	MCR03EZPF9311 9.31KOHM 1% 1/10W 160
R259	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R523	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/
R260	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R524	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R301	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R526	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 1608 R/
R302	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R527	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 1608 R/
R303	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R528	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R304	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R531	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R305	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R534	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R306	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R536	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R309	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R537	0RJ1502D677	MCR03EZPJ153 15KOHM 5% 1/10W 1608 R
R310	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R539	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R311	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R540	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R312	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R541	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R313	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R543	0RJ1502D677	MCR03EZPJ153 15KOHM 5% 1/10W 1608 R
R314	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R544	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R315	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R547	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R316	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R548	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R319	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R550	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R320	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R554	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R321	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R555	0RJ2202D677	MCR03EZPJ223 22KOHM 5% 1/10W 1608 R
R322	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R556	0RJ4302D677	MCR03EZPJ433 43KOHM 5% 1/10W 1608 R
R323	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R557	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/
R324	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R558	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R325	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R600	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/
R326	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R603	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/
R327	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R604	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/
R329	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R605	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/

LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
R606	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R684	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R607	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R685	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R608	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R686	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R609	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R687	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R610	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R688	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP
R611	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R701	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R612	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R702	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R613	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R703	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R624	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R704	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 1005 R/T
R625	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R705	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R626	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R707	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R
R627	0RJ1003D677	MCR03EZPJ104 100KOHM 5% 1/10W 1608	R708	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/
R629	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R709	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R632	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R710	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R633	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 1608 R/	R711	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R
R636	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608	R712	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/
R637	0RJ4700D677	MCR03EZPJ471 470OHM 5% 1/10W 1608 R	R713	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1005 R/
R639	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W 1608 R/	R717	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R640	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R718	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R642	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R720	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R
R644	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/	R721	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 1005 R/T
R646	0RJ2700D677	MCR03EZPJ271 270OHM 5% 1/10W 1608 R	R722	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R647	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 1608 R	R723	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/
R648	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1608 R/	R724	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/
R649	0RJ1500D677	MCR03EZPJ151 150OHM 5% 1/10W 1608 R	R725	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R650	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R727	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R651	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R728	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R652	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 1608 R/	R729	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R653	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R733	0RJ0562D677	MCR03EZPJ560 56OHM 5% 1/10W 1608 R/
R654	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R734	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R655	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R735	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R657	0RJ0102D677	MCR03EZPJ100 10OHM 5% 1/10W 1608 R/	R737	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R658	0RJ2201D677	MCR03EZPJ222 2.2KOHM 5% 1/10W 1608	R739	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R659	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R740	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/
R662	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R741	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R663	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R743	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 1005 R/T
R664	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R744	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 1005 R/T
R665	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R745	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R666	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R746	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R667	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R747	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R668	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R748	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R669	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R751	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/
R670	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R754	0RJ0562D677	MCR03EZPJ560 56OHM 5% 1/10W 1608 R/
R671	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R755	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R
R672	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R756	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/
R673	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R757	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R
R674	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R759	0RJ0562D677	MCR03EZPJ560 56OHM 5% 1/10W 1608 R/
R675	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R762	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R
R676	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R764	0RJ0562D677	MCR03EZPJ560 56OHM 5% 1/10W 1608 R/
R677	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R765	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 1005 R/T
R678	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R767	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R679	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R769	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/
R680	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R770	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/
R681	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R771	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/
R682	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012 R/TP	R772	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R

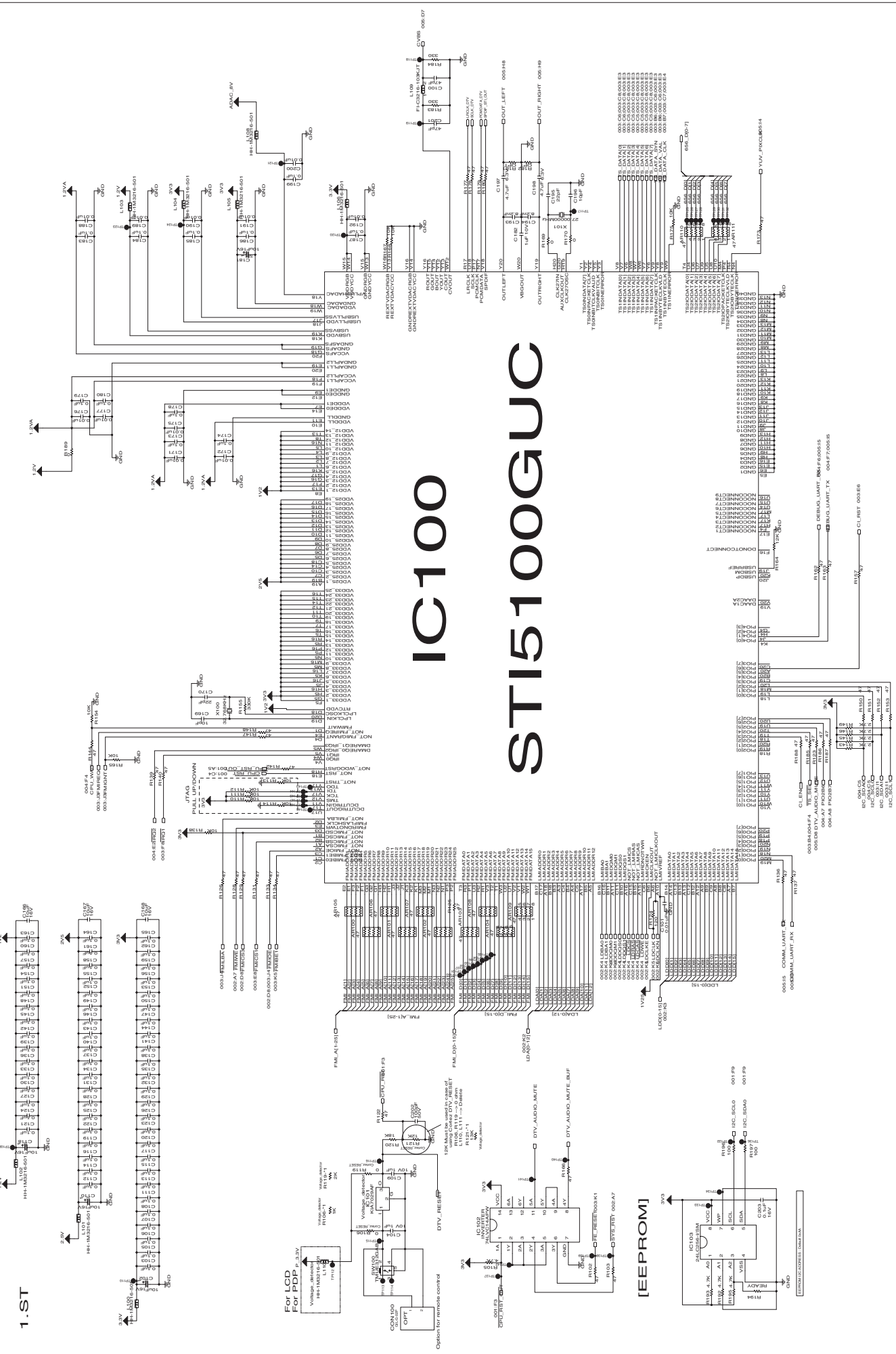
LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
R775	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R	R900	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R777	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1005 R/	R901	0RJ1002D477	MCR03EZPF103 10KOHM 1% 1/10W 1608 R
R778	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R	R902	0RJ2002D477	MCR03EZPF203 20KOHM 1% 1/10W 1608 R
R779	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R	R911	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R780	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608	R913	0RJ3302D677	MCR03EZPJ333 33KOHM 5% 1/10W 1608 R
R781	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R915	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R782	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	R916	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R783	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R	R917	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R784	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R918	0RJ3302D677	MCR03EZPJ333 33KOHM 5% 1/10W 1608 R
R785	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R919	0RJ3302D677	MCR03EZPJ333 33KOHM 5% 1/10W 1608 R
R786	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	R920	0RJ3302D677	MCR03EZPJ333 33KOHM 5% 1/10W 1608 R
R787	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R923	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R788	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R924	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R790	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 1608 R/	R925	0RJ3302D677	MCR03EZPJ333 33KOHM 5% 1/10W 1608 R
R791	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608	R926	0RJ3302D677	MCR03EZPJ333 33KOHM 5% 1/10W 1608 R
R792	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/	R927	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608
R793	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R	R930	0RJ3302D677	MCR03EZPJ333 33KOHM 5% 1/10W 1608 R
R794	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 1005 R	R931	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R
R795	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/	R932	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R796	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R	R933	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R
R797	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 1005 R	R934	0RJ3302D677	MCR03EZPJ333 33KOHM 5% 1/10W 1608 R
R798	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 1005 R/T	R935	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R799	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1608	R936	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R800	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R937	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R801	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R938	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R805	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	R939	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R807	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	R940	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T
R808	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	HARNESS & CONNECTOR		
R811	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1608 R/	C1	6631900012D	Harness, 6631900012D SMH250 SMH250 250mM 2.5
R812	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	C11	EAD35682502	Harness, LVDS PDP STANDARD FI-X30HL(JAE) FH1
R813	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1005 R/	C12	EAD36175301	Harness, SMH200 SMH200 1200MM 2.00MM 14P UL1
R816	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	C2	6631900018K	Harness, 3P(2.5MM) SMH250 TERMINAL 600mM 2.5
R821	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/	C3	6631900027E	Harness, SMH250 SMH250 300mM 2.50MM 13P UL10
R822	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	C4	6631900050A	Harness, SMH200 SMH200 300mM 2.00MM 10P UL11
R823	0RJ1500C678	MCR01MZPJ151 150OHM 5% 1/16W 1005 R	C5	6631900099C	Harness, SMH250 SMP250 400mM 2.50MM 3P UL100
R826	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	C6	6631900100D	Harness, SMH250 SMP250 600mM 2.50MM 4P UL100
R827	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/	C7	6631T20029E	Harness, 6p(2.0mm) SMH200-06 SMH200-06 460mM
R829	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608 R/T	C8	6631T25024H	Harness, 4P(H-T) CONNECTOR ASSY SMH250 35097
R843	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	C9	6631V39015F	Harness, GP390-04S-CS 1-1123722-04 350mM 3.9
R847	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	C10	6631V39016E	Harness, GP390-10S-CS 1-1123722-10 300mM 3.9
R848	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	J1100	6630G70016A	A03-7071-094 D-SUB 15P 2.29MM STRAI
R849	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 1608 R	J1102	6630G70017A	A02-0915-101 D-SUB 9P 2.77MM STRAIG
R850	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 1608 R	CN100	6602T20009J	Wafer, SMAW200-10P 10P 2.00MM 1R ANGLE DIP
R860	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/	CN101	6602T20009E	Wafer, SMAW200-06P 6P 2.00MM 1R ANGLE DIP
R877	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/	CN300	6630VE01269	Wafer, 91932-31169LF 68P 1.00MM 1R STRAIGH
R880	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/	CW1	6630V90142A	Wafer, TPH254-R-1419-6A 6P 2.54MM 2R ANGLE
R881	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/	P100	6602T20009E	Wafer, SMAW200-06P 6P 2.00MM 1R ANGLE DIP
R882	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/	P101	6602T20009N	Wafer, SMAW200-14P 14P 2.00MM 1R ANGLE DIP
R883	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/	P1101	6602T20008J	Wafer, SMW200-10P 10P 2.00MM 1R STRAIGHT D
R884	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/	P1102	6630VF00704	Wafer, 12505WS-04A00 4P 1.25MM 1R STRAIGHT
R885	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/	P1300	6602T25008B	Wafer, SMW250-03P 3P 2.50MM 1R STRAIGHT DI
R886	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/	P1301	6602T25008C	Wafer, SMW250-04P 4P 2.50MM 1R STRAIGHT DI
R888	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/	P1400	6602T20008N	Wafer, SMW200-14P 14P 2.00MM 1R STRAIGHT D
R891	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/			
R892	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1005 R/			

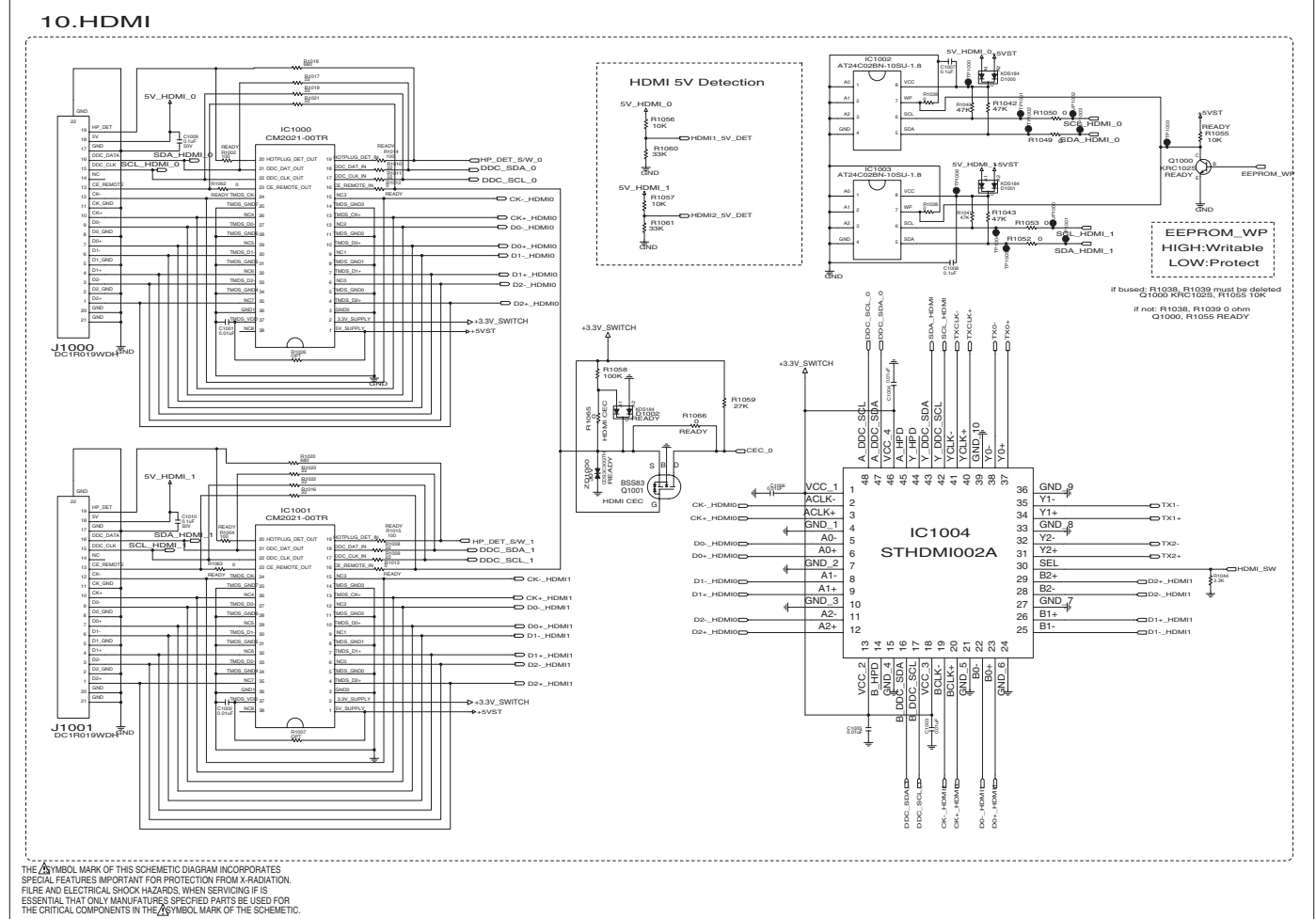
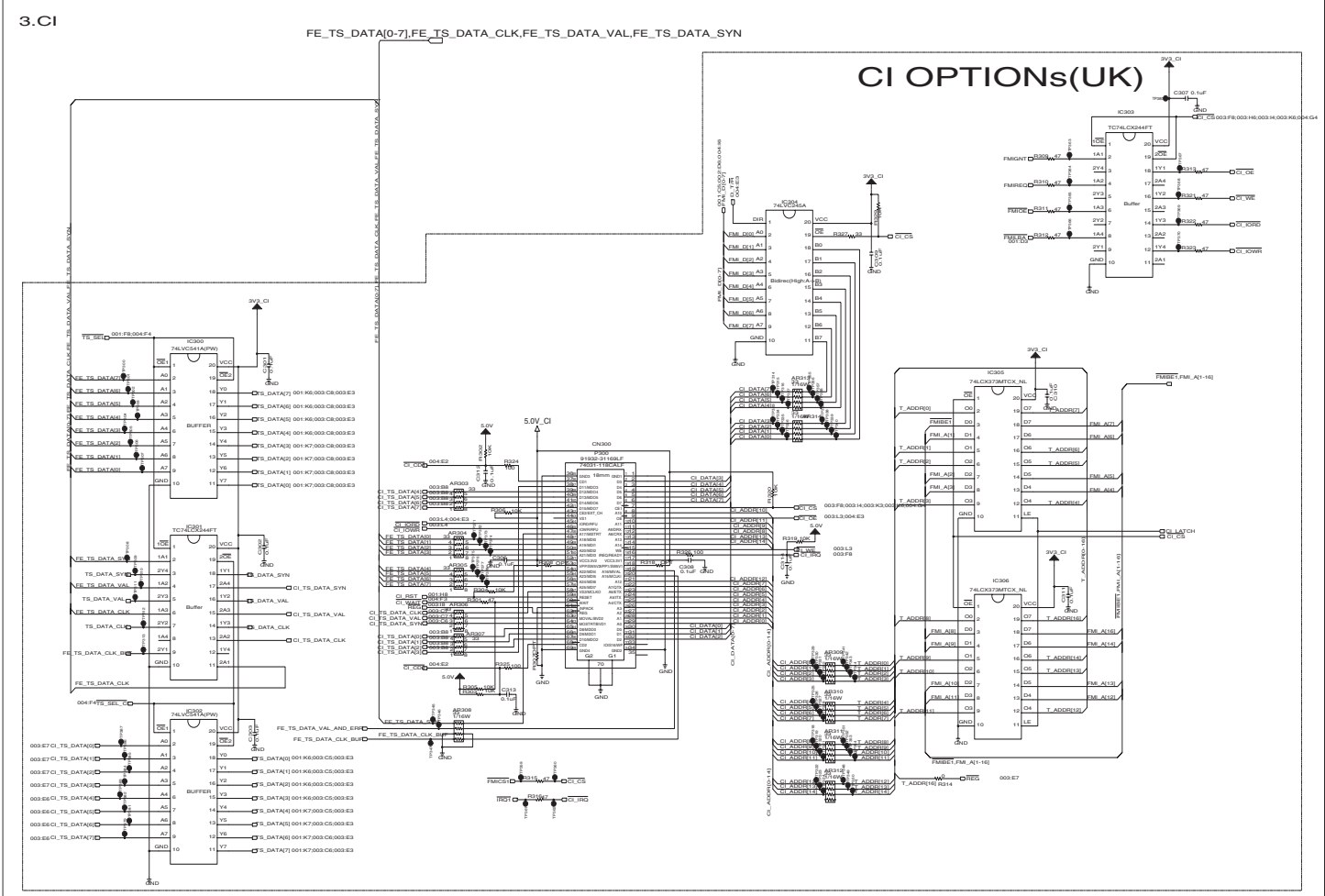
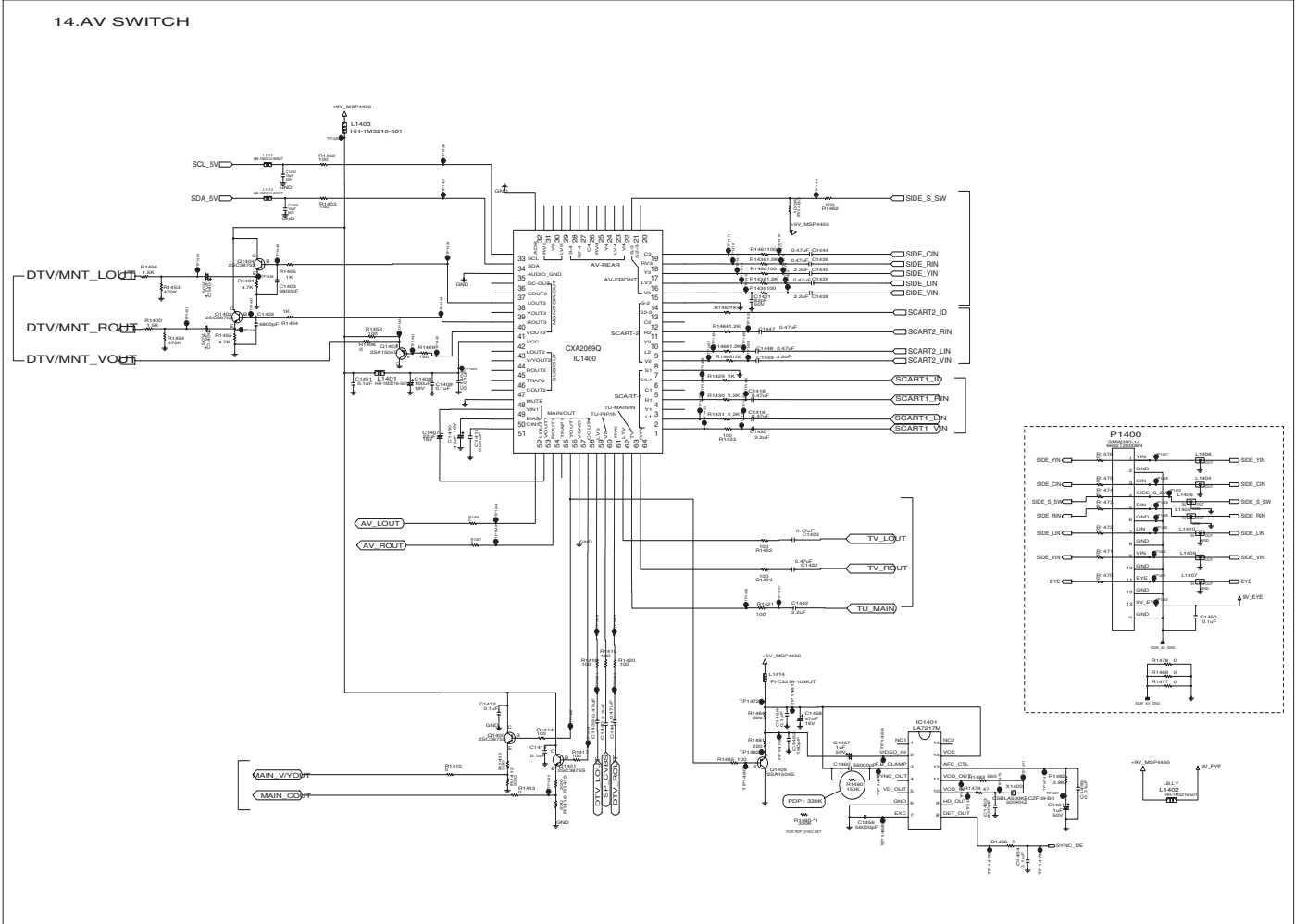
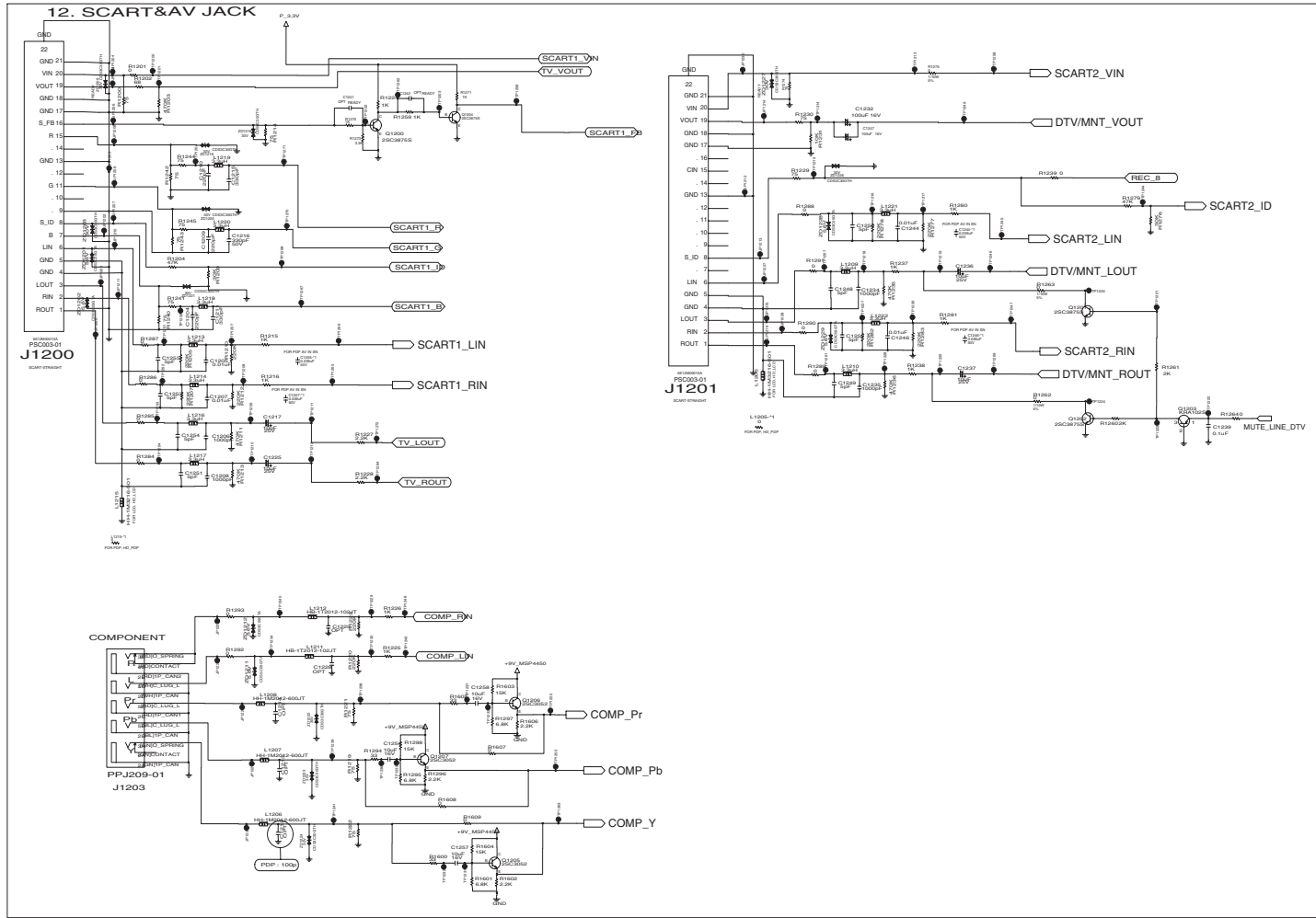
LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
P400	366-932B	Wafer, GIL-G-03P-S3T2-E(TYPOE) 3P 2.50MM 1			
P800	6630V90116A	Wafer, FI-X30SSL-HF 30P 1.00MM 1R ANGLE SM			
P900	6602T25008M	Wafer, SMW250-13P 13P 2.50MM 1R STRAIGHT D			
P901	6602T25008J	Wafer, SMW250-10P 10P 2.50MM 1R ANGLE DIP			
JACK					
J1000	6612B00015B	DC1R019WDH SOCKET 21P STRAIGHT SMD			
J1001	6612B00015B	DC1R019WDH SOCKET 21P STRAIGHT SMD			
J1101	6612F00099A	PEJ024-01 1P 4P STRAIGHT TR 3.6MM B			
J1200	6612M00010A	PSC003-01 21P 21P/1C 3.81MM STRAIGH			
J1201	6612M00010A	PSC003-01 21P 21P/1C 3.81MM STRAIGH			
J1203	6612J10031B	PPJ209-01 14.0MM 1RX3C ANGLE BK SCR			
J600	6612J10023A	KCN-BT-0-0053 10.5MM/11.5MM 1RX1C S			
JK1	6612BBBH4D	TOTX177 3P TX 2.54MM ANGLE 15MBPS D			
JK100	6612J10033A	PMJ016-13 13P DIN/RCA 14MM ANGLE DI			
SWITCH					
SW100	EBF32593901	TMUE312GAB 1C1P 12VDC 0.5A VERTICAL			
SW101	140-313B	KPT-1115AM 1C1P 12VDC 0.05A HORIZON			
SW102	140-313B	KPT-1115AM 1C1P 12VDC 0.05A HORIZON			
SW103	140-313B	KPT-1115AM 1C1P 12VDC 0.05A HORIZON			
SW104	140-313B	KPT-1115AM 1C1P 12VDC 0.05A HORIZON			
SW105	140-313B	KPT-1115AM 1C1P 12VDC 0.05A HORIZON			
SW106	140-313B	KPT-1115AM 1C1P 12VDC 0.05A HORIZON			
SW107	140-313B	KPT-1115AM 1C1P 12VDC 0.05A HORIZON			
SW108	140-313B	KPT-1115AM 1C1P 12VDC 0.05A HORIZON			
SW700	EBF32593901	TMUE312GAB 1C1P 12VDC 0.5A VERTICAL			
OTHERs					
B1	3890TKD002P	Box, LB500J(PCB) BRAND 542*397*445			
B2	MAY32943814	Box, DW 1298 150 424 NO PRINTING 50PC5			
B3	MAY34495201	Box, DW 1314 987 444 2 COLOR 50PC5			
IC100	6712000013A	Receiver Module, TSOP4438SO1 4.5TO5.5V 1.5MA			
IC201	SAA30310941	S/W, Firmware 4.13 7A58 EUROPE FLASHROM F/W Update			
SA1	SAA30310827	S/W, Firmware 5.01 40B4 EUROPE FLASHROM Cortez			
IC407	0IPRPNS054A	Sensor, Temperature LM75CIMX-3 3TO5.5V SOP R/TP 8P			
P300	EAG34998901	Socket, PCI 10074998-118MCALF 68P 1.27MM			
TU600	EBL32961502	Tuner, Digital TDFC-G106P DVB-T/PAL 1.8V_3.3V_5V			
ACCESSORY					
A1	SAC30033609	Title, CD MANUAL PDP DTV (LD73A/PD73A)			
A1	MFL34441603	Manual, Owners EU 27 LANGAGES SIMPLE BOOK			
A2	MKJ32022813	Remote Controller, COMPLEX EUROPASS_DVB			
A21	3550V00590A	Cover, MOLD ABS BATTERY TN-50PY20 ABS 6710V00142			
A3	EAD36430001	Power Cord, LP-61L + LS-60L 1.87M BLACK			
A3	EAD36223101	Power Cord, LP34A+LS60L LP-34A 1.87M BLACK			
A4	4972V00178A	Supporter, COMPLEX METAL ASSY PDP SET			
A5	3880TKZ004D	Bag, COMPLEX VINYL 200*200 0.58 H&C MODEL			
A6	4950TKA320A	Plate, PRESS SBHG T1.2 SUPPORT UPSET			
A7	FAB30021701	Screw, Machine 1SZZVMR001A RING WALL 5MM 25MM			

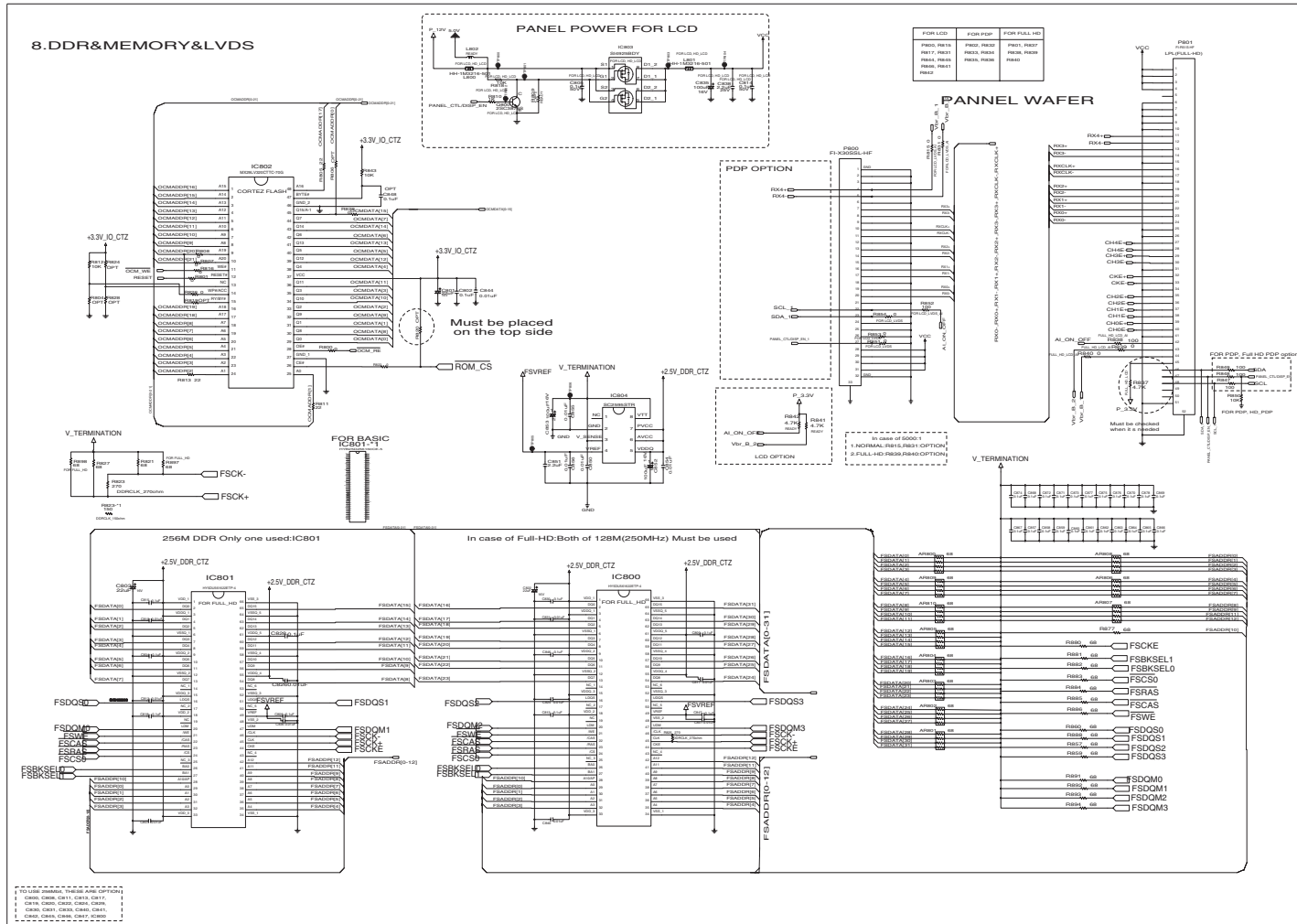
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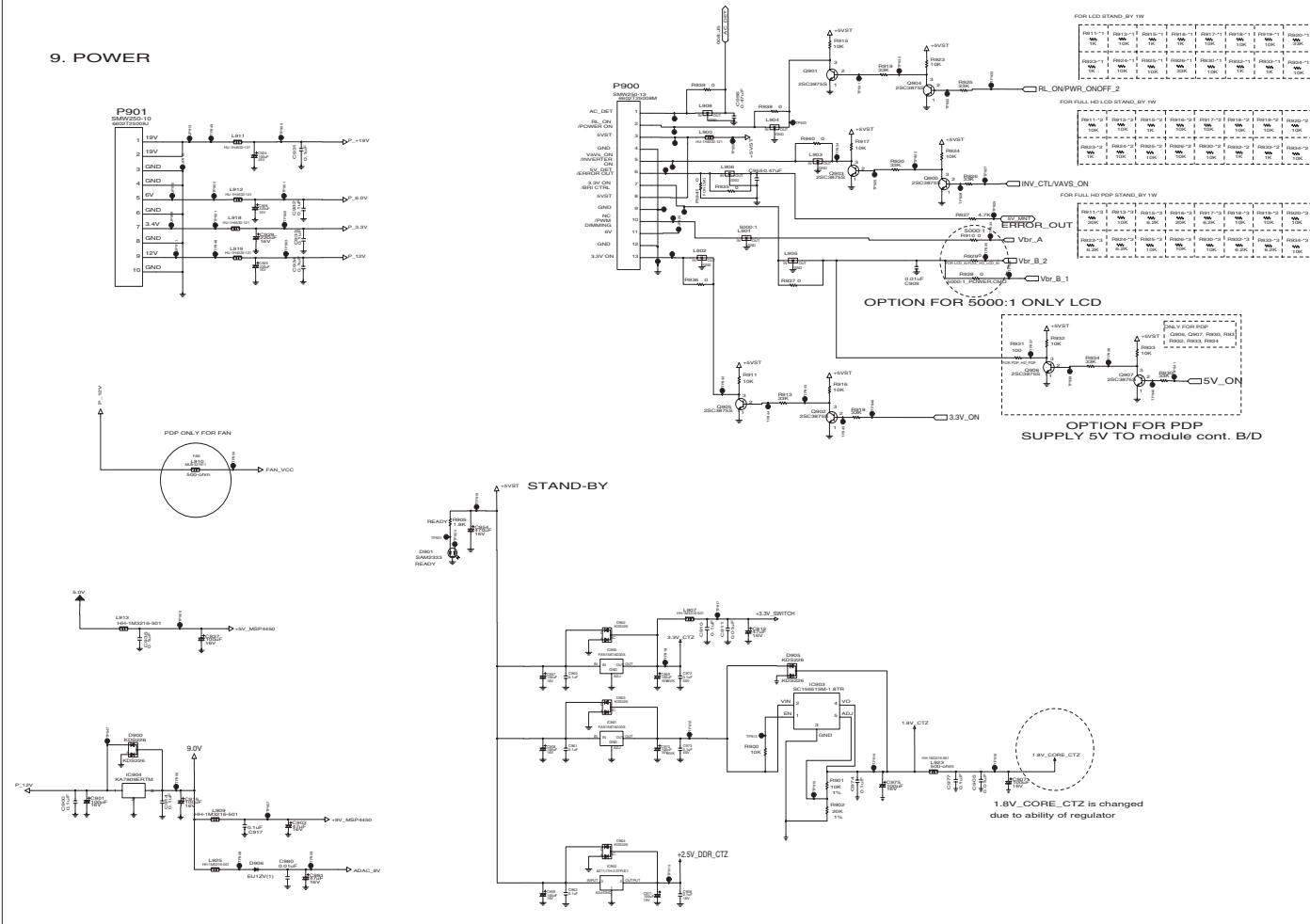
SLI5100 Decoupling Capacitors





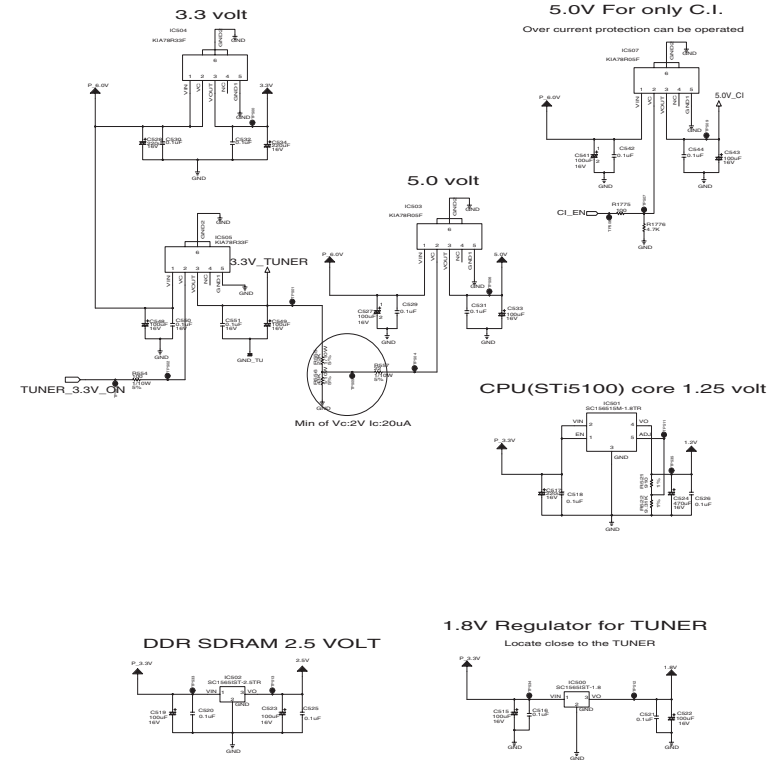


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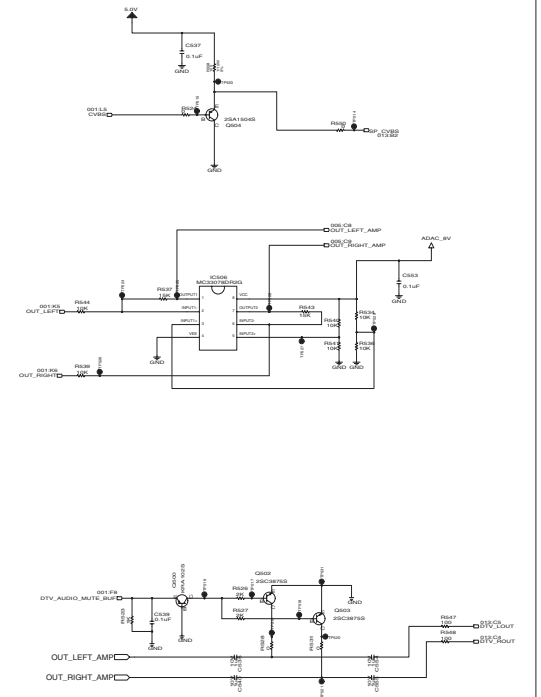


5. power2

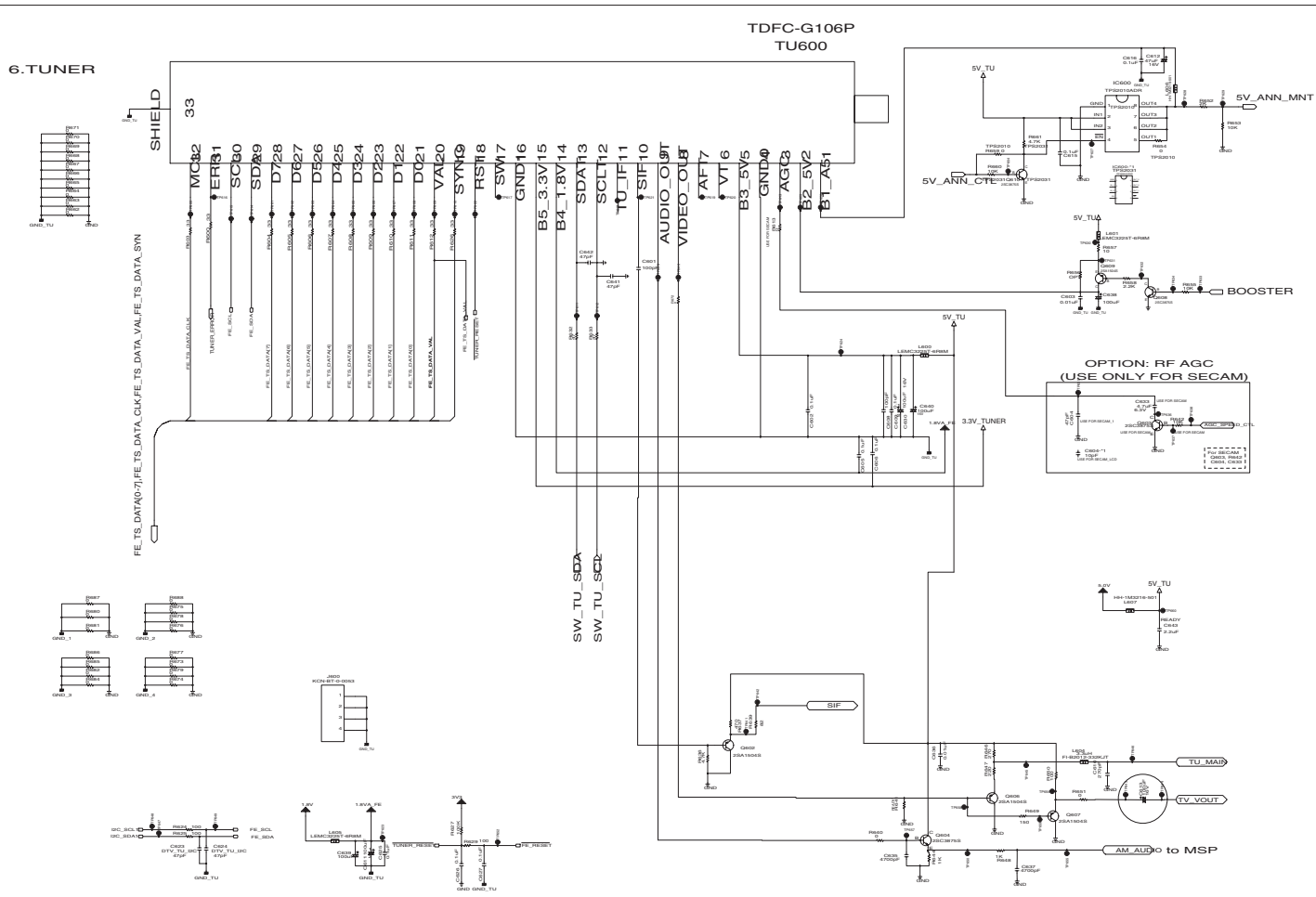
[POWER BLOCK]



% MUST BE PLACED NEAR IC100

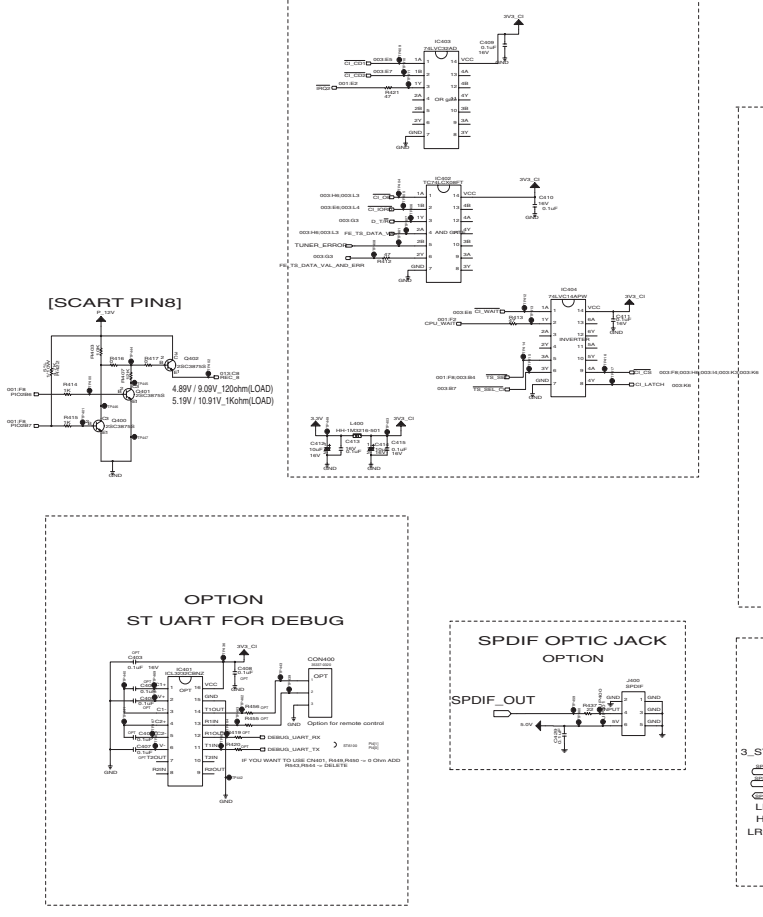


6.TUNER

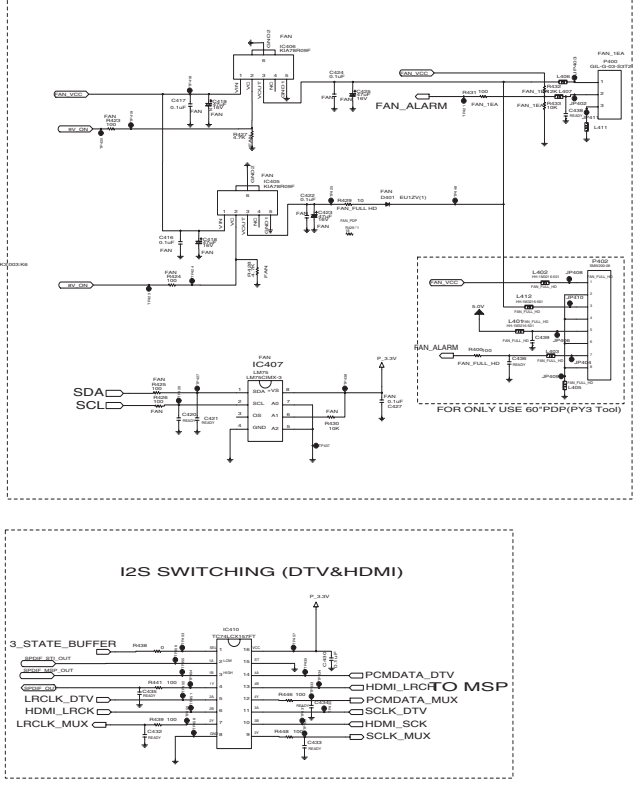


4. OPTION

CI OPTIONS(UK)

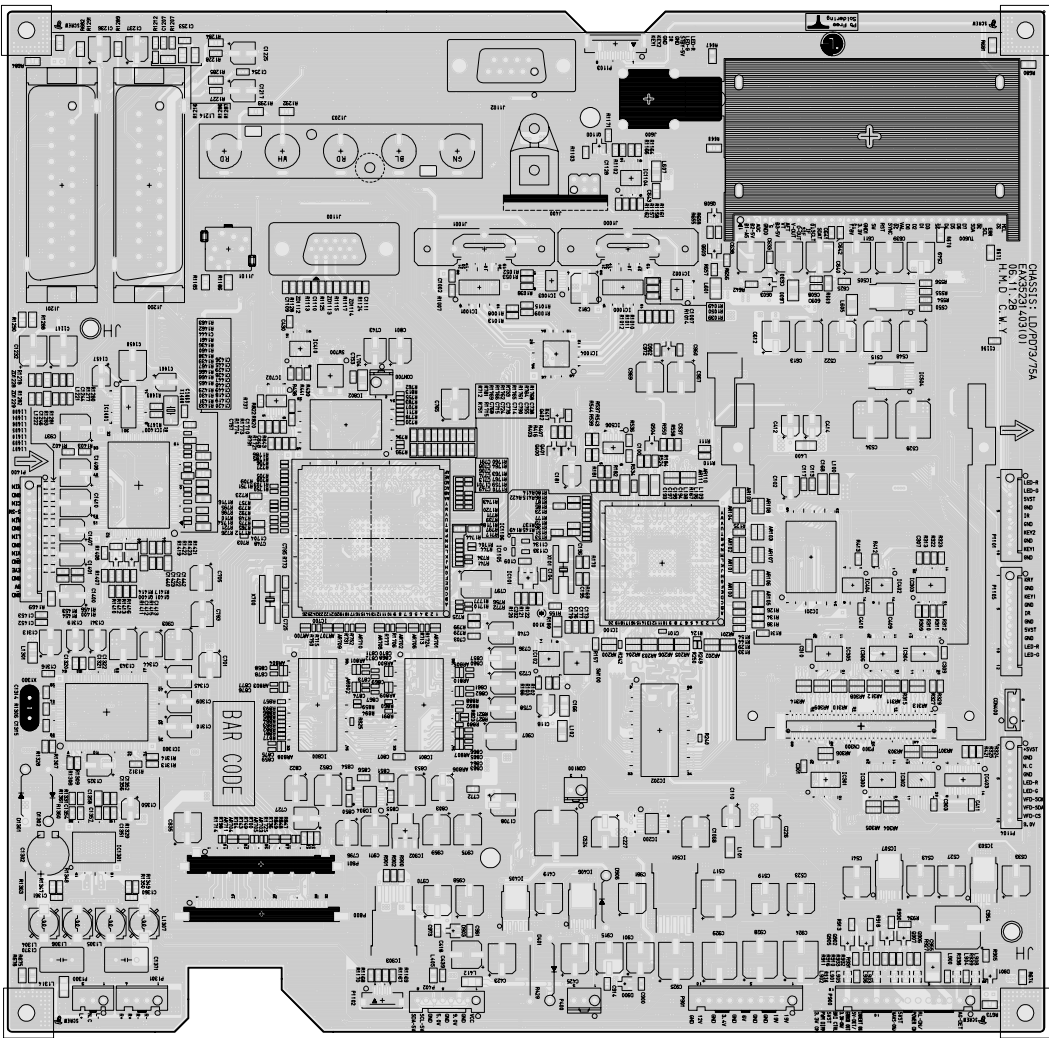


FAN OPTION

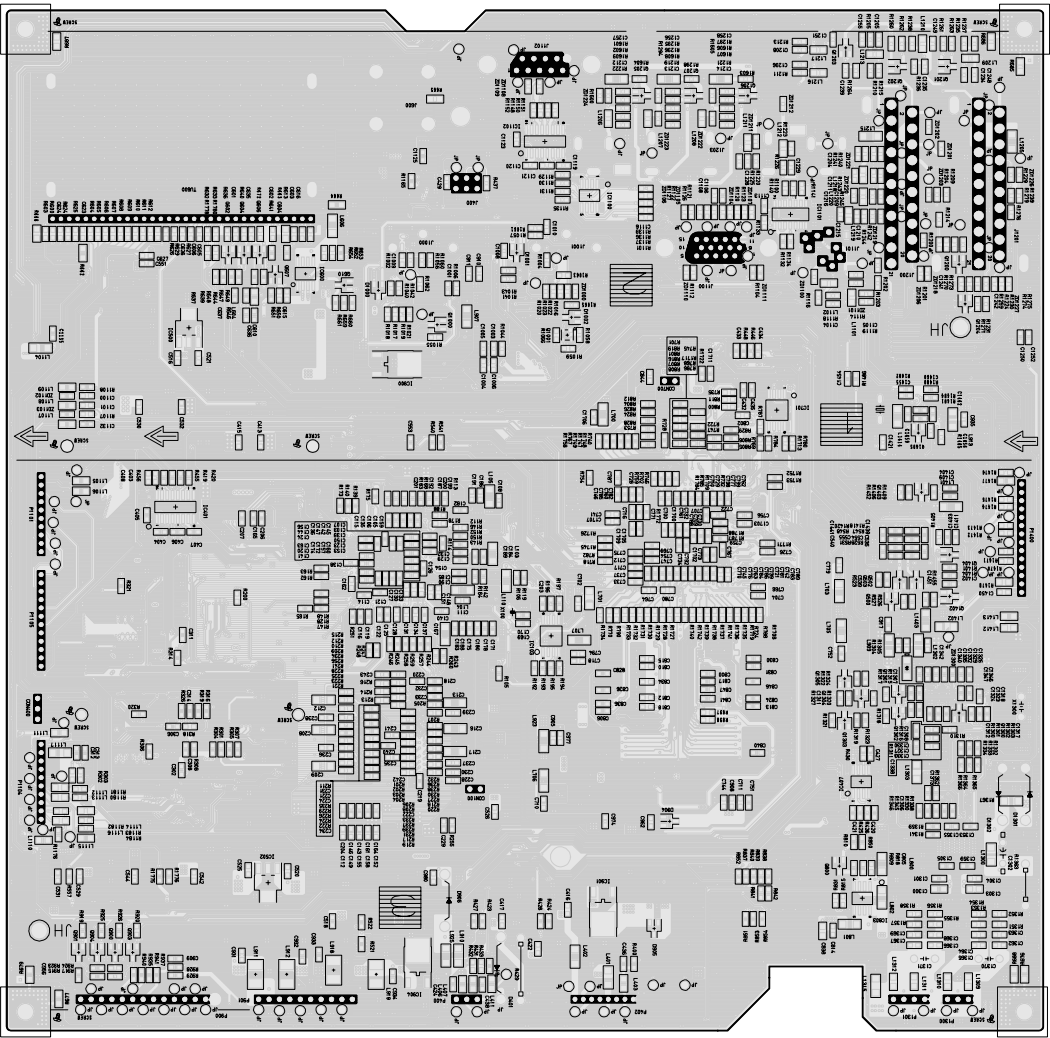


PRINTED CIRCUIT BOARD

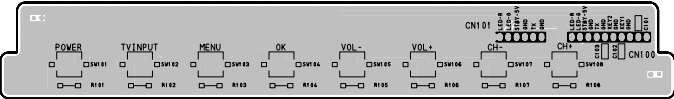
MAIN (TOP)



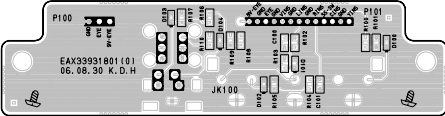
MAIN (BOTTOM)



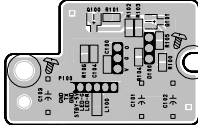
CONTROL B/D



SIDE A/V



IR/LED





P/NO : MFL38562703

May., 2007
Printed in Korea