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PLASMA TV

SERVICE MANUAL

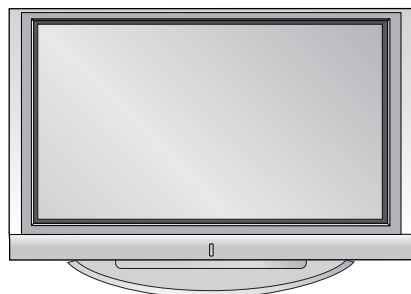
CHASSIS : PD61A

MODEL : 42PC1DA

42PC1DA-EC

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 Ω and 5.2M Ω .

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.

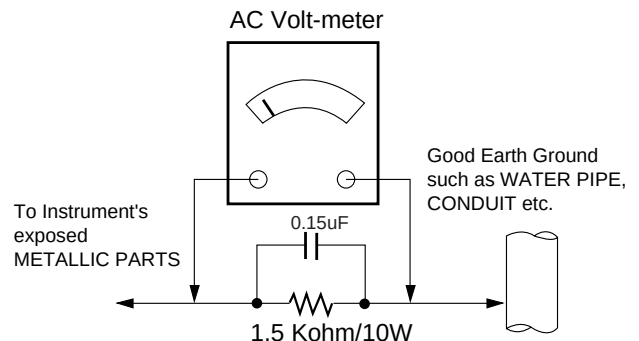
Do not use a line Isolation Transformer during this check. Connect 1.5K/10watt resistor in parallel with a 0.15 μ F capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.

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 is 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



DESCRIPTION OF CONTROLS



POWER

Switches the set between ON and STANDBY.

D/A TV (Digital TV / Analogue TV)

Selects digital or analogue mode.

INPUT

Selects the DTV, TV, AV, Component, RGB or HDMI modes.

switches the set on from standby.

TV, DVD, VCR

Selects the remote operating mode: TV, VCR, DVD. Select other operating modes, for the remote to operate external devices.

GUIDE

Shows programme schedule.

ARC (Aspect Ratio Control)

Selects your desired picture format.

SUBTITLE/*

Recalls your preferred subtitle in digital mode.

PIP

Switches the sub picture on or off,select PIP, DW1/2 or POP modes.

SIZE

Adjusts the sub picture size.

POSITION

Moves the sub picture position.

PIP PR +/-

Selects a programme for the sub picture.

SWAP

Alternates between main and sub picture.

PIP INPUT

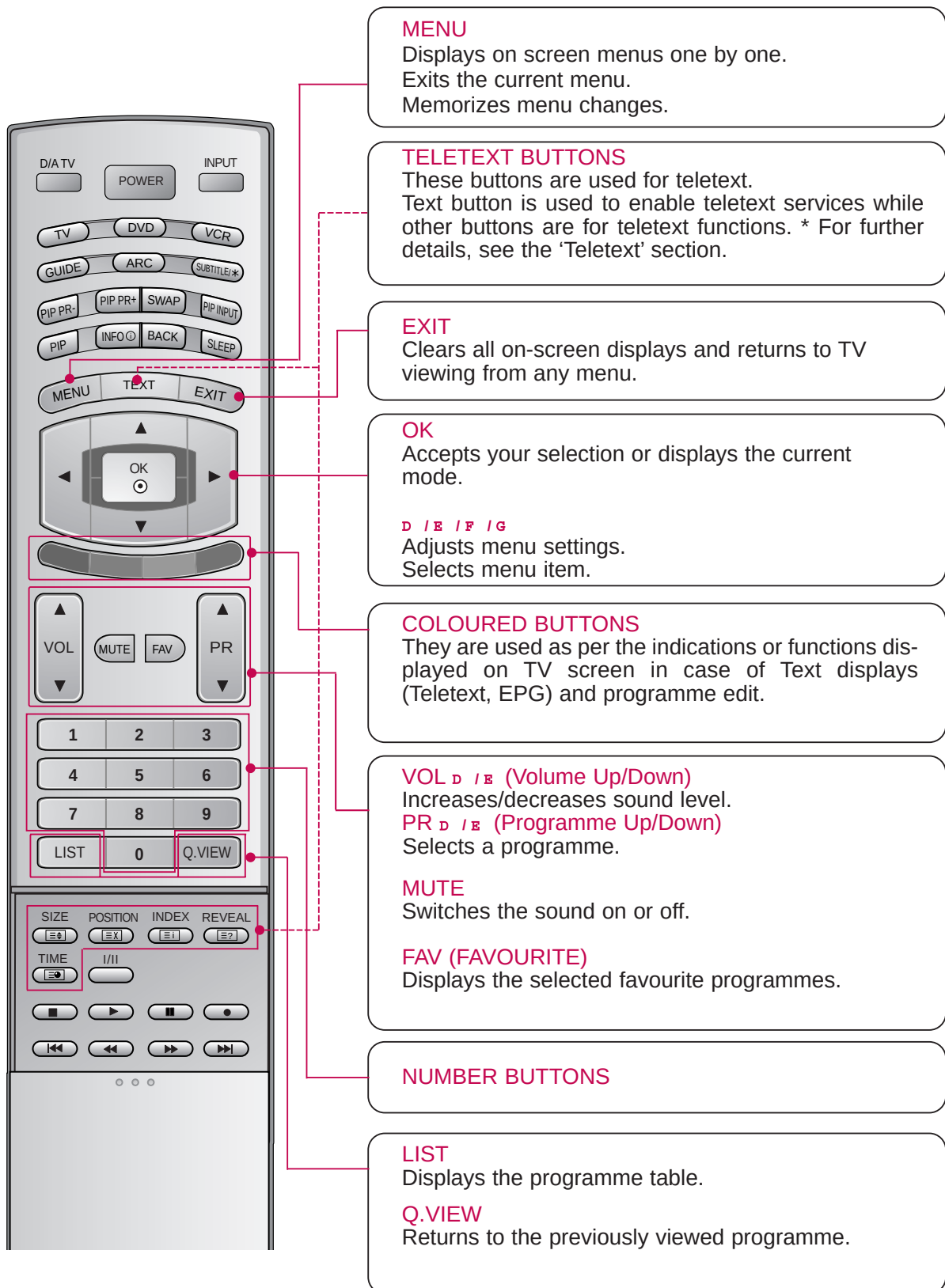
Selects the input mode for the sub picture.

BACK

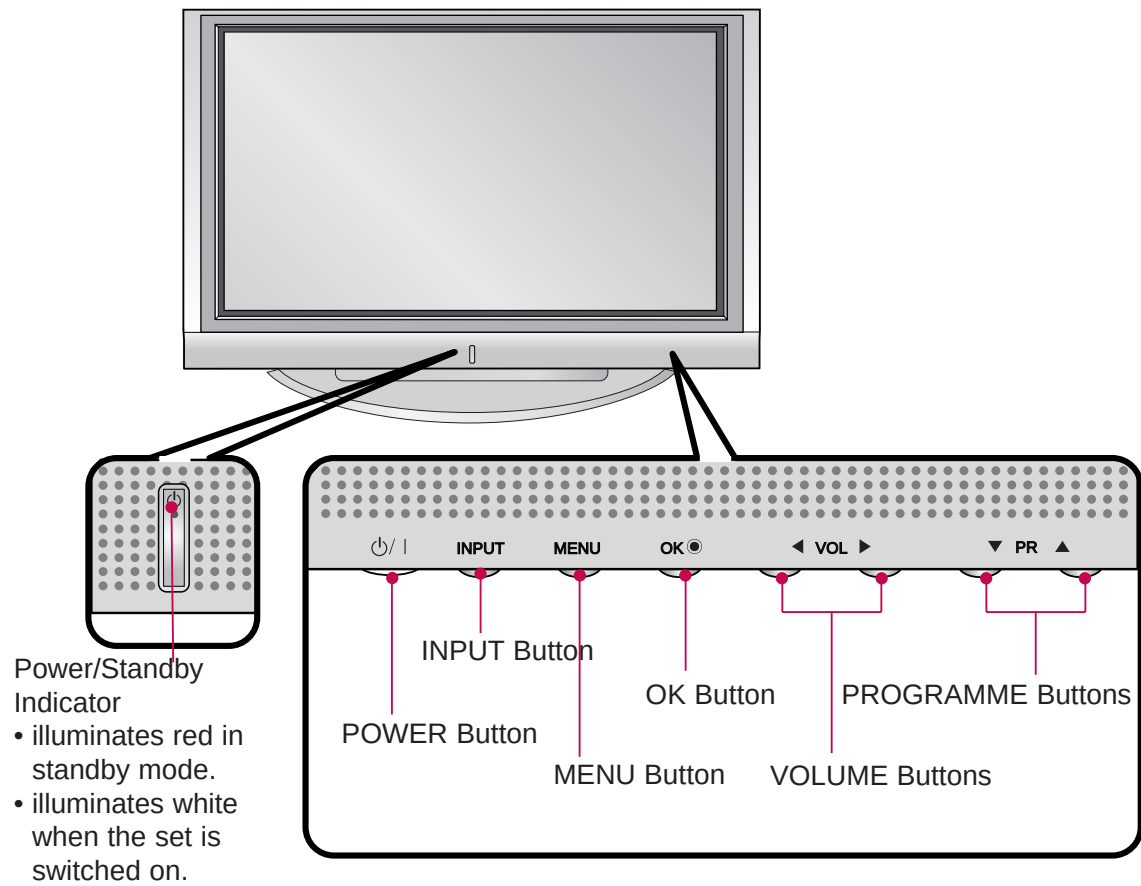
Allow the user to move back one step in an interactive application, EPG or other user interaction function.

SLEEP

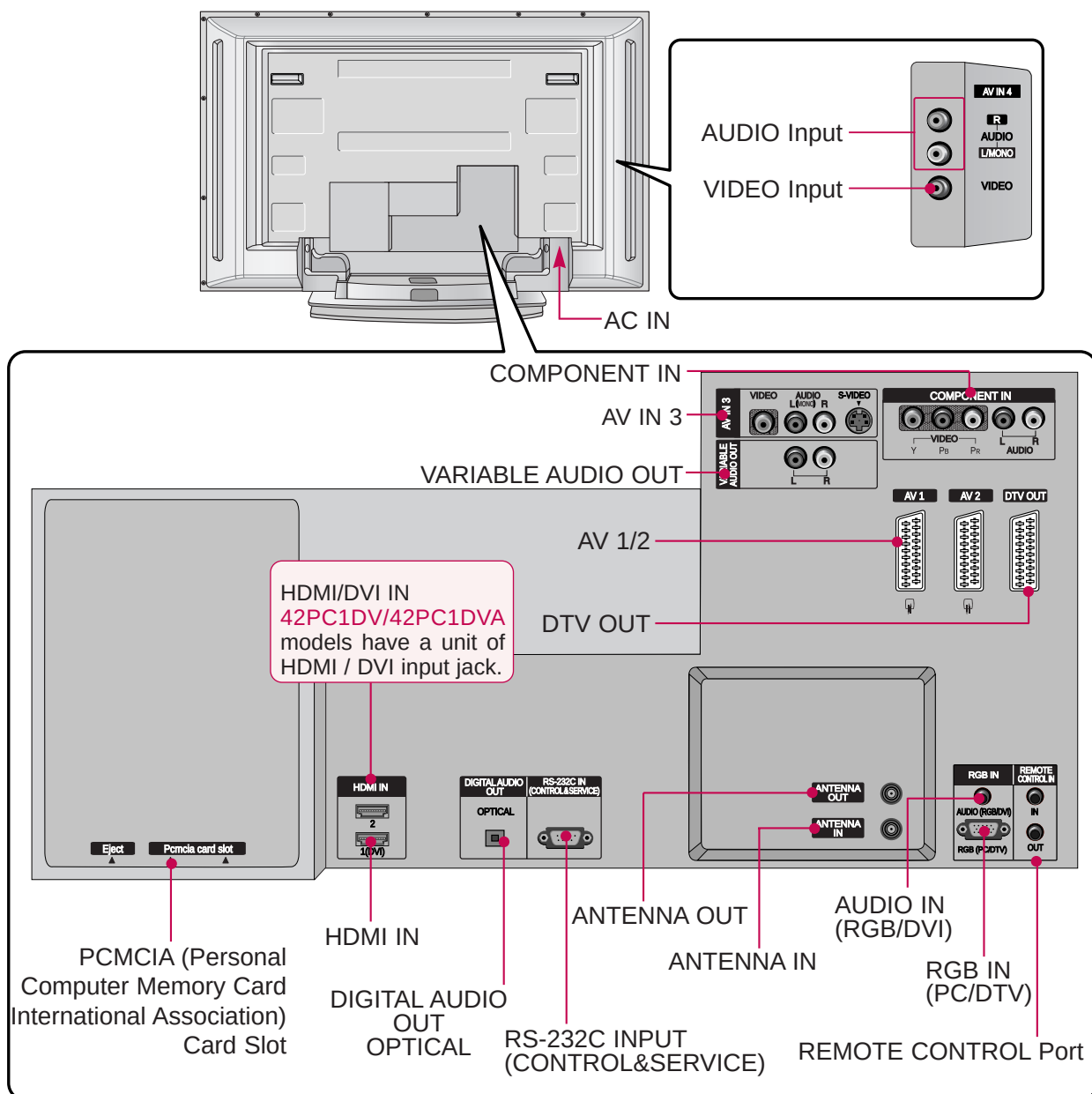
Sets the sleep timer.



Front Panel Controls



Back Connection Panel



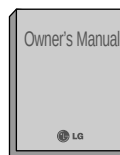
ACCESSORIES



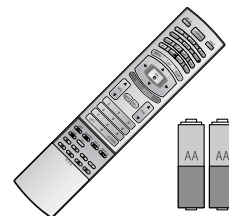
Power Cord



75Ω RF Coaxial



Owner's Manual



Remote Control /
Batteries

For 42PC1D/DV/DVA,
42PC3D/DV, 50PC1D



2-Wall brackets



2-eye-bolts

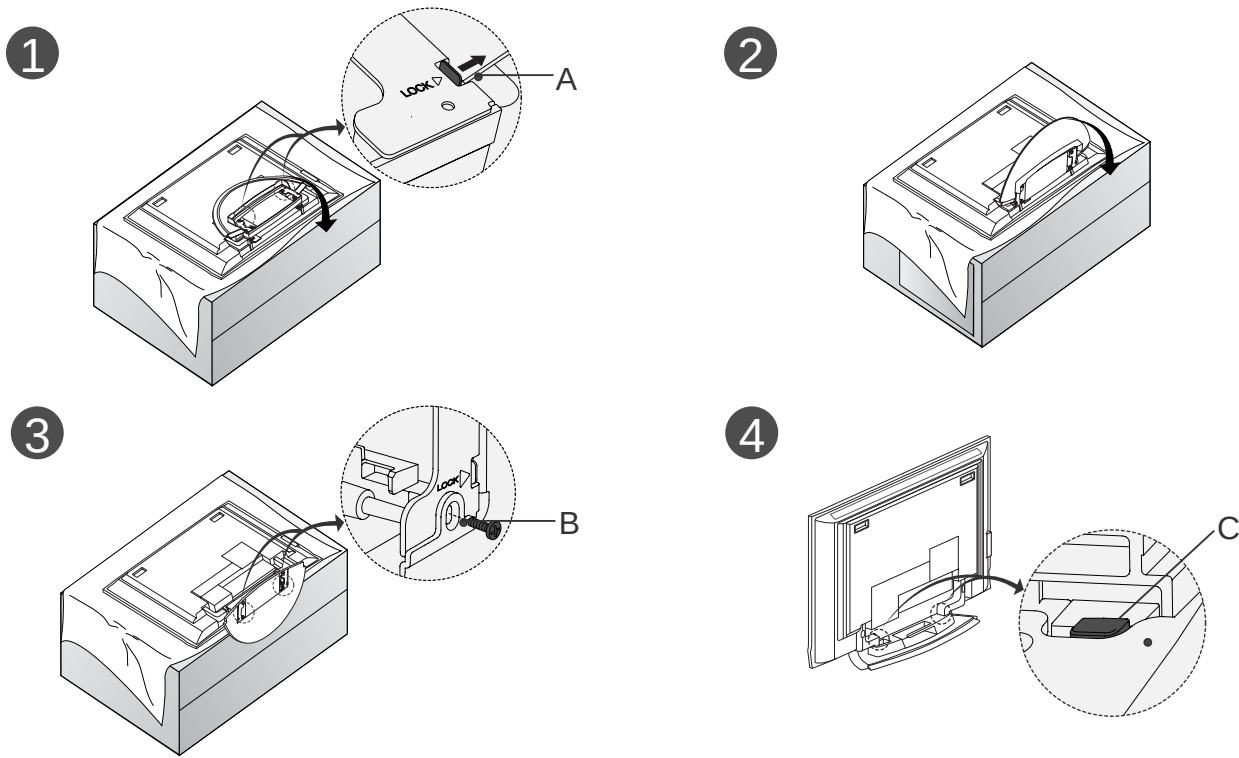


2-bolts
(42PC1D/DV/DVA,
42PC3D/DV only)



Polishing Cloth
(42/50PC1D only)
Polish the screen
with the cloth.

STAND INSTALLATION (OPTION)



- Place the set with the screen facing down on a cushion or soft cloth as shown in Figures 1. Before unfolding the stand, please make sure two locks (A) on the bottom of the stand push outward.
- Pull the stand out as shown above in Figures 2 ~ 3. After unfolding the stand, please insert and tighten the screws in the holes (B) on the bottom of the stand.
- When connecting cables to the set, Do not disengage the lock (C). This may cause the set to fall, causing serious bodily injury and serious damage to the set.

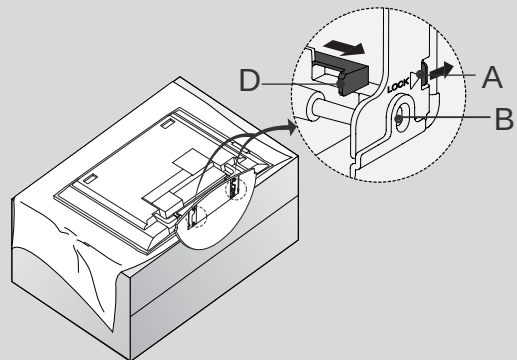
* NOTE

Figures shown here may be slightly different from your set.

When closing the stand for storage

First remove the screws in the holes (B) on the bottom of the stand. And then pull two Hooks (D) of the stand bottom and fold the stand into the back of the set.

After folding, push two Locks (A) of the stand bottom outward.



SPECIFICATIONS

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

v Application Range

This spec is applied to the 42" PLASMA TV used PD61A Chassis.

Chassis	Model Name	Market	Brand	Remark
PD61A	42PC1DA-EC	The United Kingdom	LG	

v Specification

Each part is tested as below without special appointment.

- 1) Temperature : $25\pm5^{\circ}\text{C}$ ($77\pm9^{\circ}\text{F}$), CST : 40 ± 5
- 2) Relative Humidity: $65\pm10\%$
- 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 BOM.
- 5) The receiver must be operated for about 20 minutes prior to the adjustment.

v Test Method

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

Model	Market	Appliance	Remark
42PC1DA-EC	The United Kingdom	Safety : IEC/EN60065 EMI : EN55013 EMS : EN55020	TEST

v General Specification

1. Module Specification

No	Item	Specification	Remark
1	Display Screen Device	42" Wide Color Display Module	Plasma Display Panel
2	Aspect Ratio	16:9	
3	PDP Module	PDP42X3, RGB Closed Type, Film Filter	Glass/Film type filter is TBD
4	Operating Environment	1)Temp. : $0\sim40^{\circ}\text{deg}$ 2)Humidity : $0\sim85\%$	LGE SPEC.
5	Storage Environment	3)Temp. : $-20\sim60^{\circ}\text{deg}$ 4)Humidity : $0\sim85\%$	
6	Input Voltage	100-240~, 50/60H	Maker LG

2. Model General Specification

No	Item	Specification	Remark
1	Market	The United Kingdom	
2	Broadcasting system	1) PAL-BG 2) PAL-DK 3) PAL-I, I' 4) DVB-T(ID TV) 5) SECAM-L	UK
3	Receiving system	Analog : Upper Heterodyne Digital : COFDM	
4	Scart Jack (3EA)	PAL, SECAM	
5	Video Input (2EA)	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	RGB-PC, RGB-DTV	
9	HDMI Input	HDMI-PC HDMI-DTV & SOUND	
10	Audio Input (4EA)	PC Audio, Component, AV (2EA)	L/R Input
11	Wired Control	Discrete I	

ADJUSTMENT INSTRUCTIONS

1. Application Object

These instructions are applied to all of the 42" PLASMA TV, PD61A Chassis.

2. Note

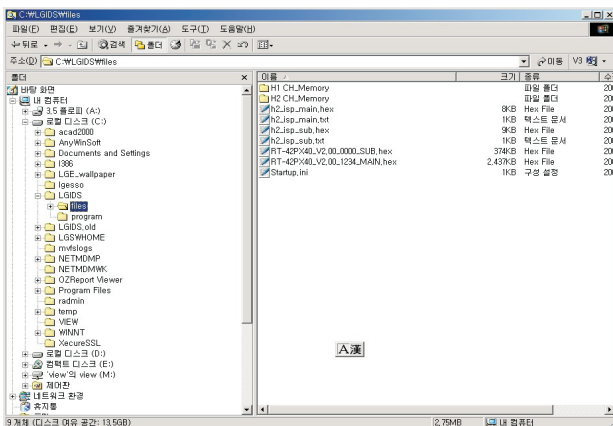
- (1) Because this is not a hot chassis, it is not necessary to use an isolation transformer. However, the use of isolation transformer will help protect test instrument.
 - (2) Adjustment must be done in the correct order.
 - (3) The adjustment must be performed in the circumstance of $25 \pm 5^\circ\text{C}$ of temperature and $65 \pm 10\%$ of relative humidity if there is no specific designation.
 - (4) The input voltage of the receiver must keep 100-220V~, 50/60Hz.
 - (5) The receiver must be operated for about 15 minutes prior to the adjustment.
- o After RGB Full white HEAT-RUN Mode, the receiver must be operated prior to adjustment.
 - o 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.

Caution) If you turn on a still screen more than 20 minutes, (Especially digital pattern, cross hatch pattern) after image may be occur in the black level part of the screen.

3. Channel memory

3-1. Setting up the LGIDS

- 1) Install the LGIDS. (idsinst.exe)
- 2) After installation, restart your PC.
- 3) Extract [files.zip] to folder [c:\LGIDS\files].
- 4) Start LGIDS.

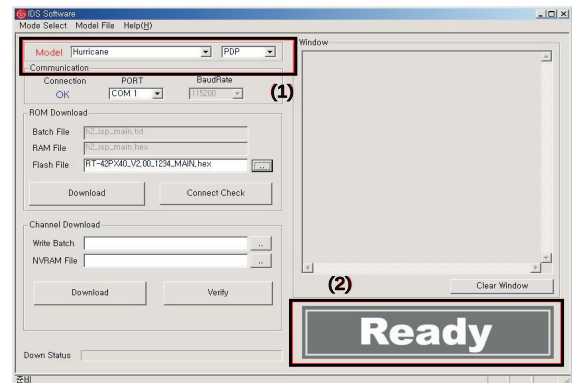


(Fig. 1)

3-2. Channel memory Method

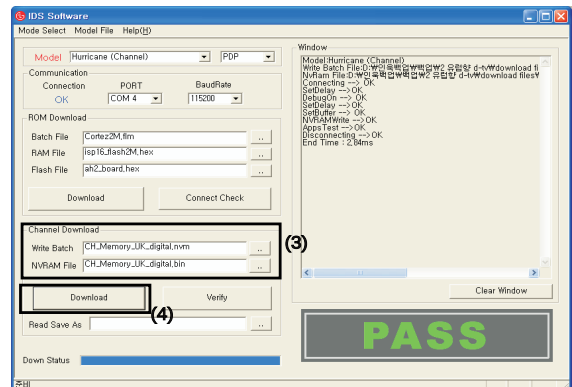
- 1) Select "PDP" and "Hurricane" on Model dialog. And check your connection in Communication dialog. (If your connection is 'NG', then set your PORT(COM1,2,3,...) correctly.)
- 2) Connect RS-232C cable and turn on the power. (If your connection has completed, you can see "Ready".)

[If your set is not an end products but only a board, you have to make your board to Stand-by state (LED_R). And you have to Download in Stand_by power state.



(Fig. 2)

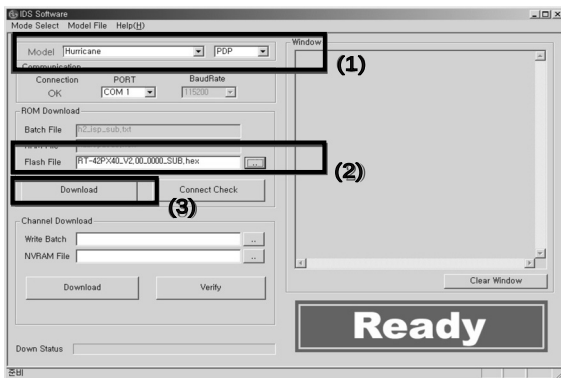
- 3) Select proper CH_memory file(*.nvm) for each model at [NVRAM Download] \$ [Write Batch]
Next, select proper binary file(*.bin) including the CH information for each model at [NVRAM File].
File name : H2_CH_Memory_RZ.nvm
- 4) Click the [Download] button.
It means the completion of the CH memory download if all items show 'OK' and Status is changed by 'PASS' at the lower right corner of the window.
- 5) If you want to check whether the CH information is memorized correctly or not, click the [Verify] button. And then compare NVRAM File(*.bin) with the CH information downloaded.



(Fig. 3)

4. Sub Program Down Load

- 1) Select " PDP" and "Hurricane" on Model dialog. and check your connection in Communication dialog. (If your connection is 'NG', then set your PORT(COM1,2,3,...) correctly.
- 2) Connect RS232 cable and turn on the power. (Use the special Cable for Sub-program)
(If your connection has completed, you can see 'Ready')
- 3) Select proper 'Model' for each model.
- 4) Select 'flash file' for each model.
- 5) Click the [Download] button.
It means the completion of the ROM download if all items show 'OK' and Status is changed by 'PASS' at the lower right corner of the window.



(Fig. 4)

5. PCMCIA CARD Checking Method

- 1) You must adjust DTV 29 Channel and insert PCMCIA CARD to socket.
- 2) If PCMCIA CARD works normally, normal signal 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)

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

6-1. Test Equipment : D.M.M. 1EA

6-2. Connection Diagram for Measuring : refer to fig.5

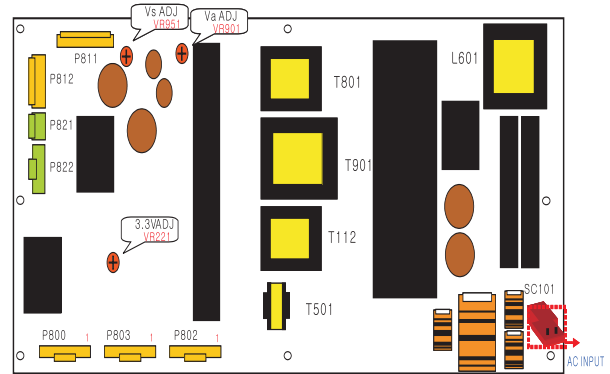
6-3. Adjustment Method

(1) Va Adjustment

- 1) After receiving 100% Full White Pattern, HEAT RUN.
- 2) Connect + terminal of D.M.M to Va pin of P812, connect - terminal to GND pin of P812.
- 3) After turning VR901, voltage of D.M.M adjustment as same as Va voltage which on label of panel right/top. (Deviation; $\pm 0.5V$)

(2) Vs Adjustment

- 1) Connect + terminal of D.M.M to Vs pin of P812, connect - terminal to GND pin of P812.
- 2) After turning VR951, voltage of D.M.M adjustment as same as Va voltage which on label of panel right/top. (Deviation; $\pm 0.5V$)



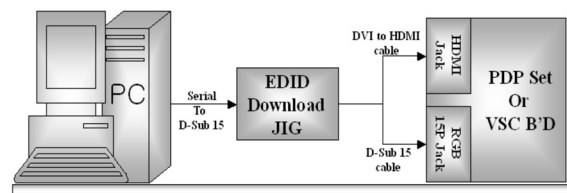
(Fig. 5) Connection diagram of power adjustment for measuring

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

7-1. 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

7-2. Setting of device



(Fig. 6) Connection Diagram of DDC download

7-3. Preparation for Adjustment

- 1) As above Fig. 6, 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.



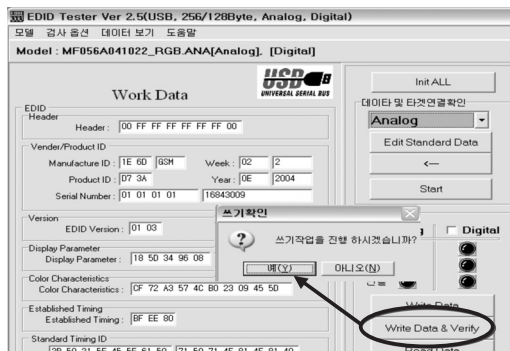
7-4. Sequence of Adjustment

- DDC data of Analog-RGB

- 1) Init the data.



- 2) Load the EDID data.(Open File).
[Analog(RGB) : 42PC1D-EC.ANA]
[Analog(RGB) : 42PC1DV-EC.ANA]
(for VGA, XGA)
[Digital(HDMI) : 42PC1D-EC.DVI] (XGA only)
[Digital(HDMI) : 42PC1DV-EC.DVI] (VGA only)
[Digital(HDMI) : 42PC1D-EC.DVI] (XGA only)
[Digital(HDMI) : 42PC1DV-EC.DVI] (VGA only)
- 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.



8. Auto AV(CVBS) Color Balance

8-1. Requirement

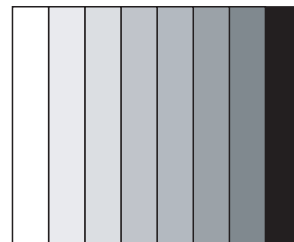
- ▣ This AV color balance adjustment should be performed before white Balance Adjustment.
- ▣ It is very important to use adjustment pattern like Fig.7.
 - 1) Within the pattern, color sequence should be aligned : W-Y-C-G-M-R-BLUE-BLACK.
(If color sequence is reversed (Black -> ... -> White), reverse the pattern with REV key, when using Master pattern generator like MSPG-925)
 - 2) If minimum Black level and/or maximum White level is not correct, select 100% color bar pattern.

8-2. Required Equipment

- 1) Remote controller for adjustment.
- 2) AV Pattern Generator.
: 802F Pattern Generator, Master(MSPG-925FA), etc.
(Which has PAL Composite Video format output with standard(1.0 Vpp) Vertical 100% Color Bar Pattern as Fig7)

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

- 1) Input the PAL Composite Video into video input.
(Input 50Hz : AV3/AV4 Input)
- 2) Set the PSM to Standard mode in Picture menu.
- 3) Press IN-STAR key on R/C for adjustment.
- 4) Press the G (Vol. +) key operate to set, then it becomes automatically.
- 5) Auto-RGB OK means completed adjustment.



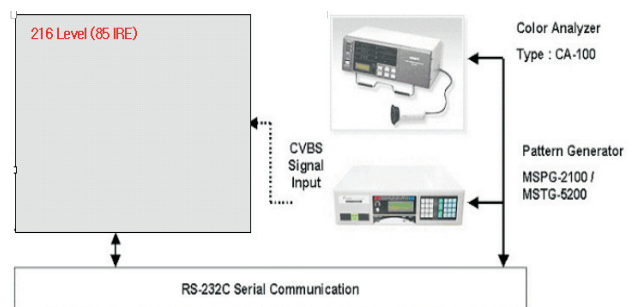
(Fig. 7) Auto AV(CVBS) Color Balance Test Pattern

9. Adjustment of White Balance

9-1. Required Equipment

- 1) Remote controller for adjustment.
- 2) Color Analyzer.(CA-100 or same product)
- 3) Auto W/B adjustment instrument.(only for Auto adjustment)
- 4) AV Pattern Generator.

9-2. Connecting diagram of equipment for measuring (For Auto Adjustment)

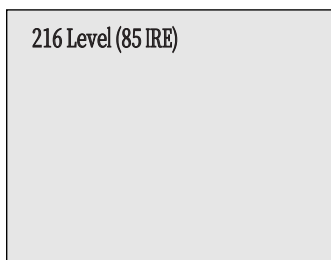


(Fig. 8) Connection Diagram of Auto W/B Adjustment

Type		PD61A : 42PC1DV-EC				
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)	255(FF)
	G Gain	j	b		00(00)	255(FF)
	B Gain	j	c		00(00)	255(FF)
	R Offset	j	d		00(00)	255(FF)
	G Offset	j	e		00(00)	255(FF)
	B Offset	j	f		00(00)	255(FF)

9-3. Adjustment of White Balance (For Manual adjustment)

- Operate the zero-calibration of the CA-100, then stick sensor to PDP module surface when you adjust.
 - For manual adjustment, it is also possible by the following sequence.
- 1) Select white pattern of heat-run mode by pressing power on key on remote control for adjustment then operate heat run more than 15 minutes.
 - 2) As below Fig.9, Supply 216Level (85 IRE) full screen pattern to Video input.
(Input 50Hz, 42PC1DA : AV3/AV4 Input)



(Fig. 9) Pattern for Adjustment of White Balance

- 3) Press the TV/AV KEY on R/C for converting input mode.
- 4) Set the PSM to Standard mode in Picture menu.
- 5) Enter the White Balance adjustment mode by pressing the INSTANT key twice(White Balance) on R/C.
- 6) Stick sensor to center of the screen and select each items (Red/Green/Blue Gain and Offset) using D / E (CH +/-) key on R/C.
- 7) Adjust Only High Light with R Gain/ B Gain using F / G (VOL+/-) key on R/C.
- 8) Adjust it until color coordination becomes as below.
(Initially, R/G/B gain and R/G/B offset values are fixed as below

Red Gain : 82, Green Gain : 80, Blue Gain : 86
Red Offset : 7D, Green Offset : 7E, Blue Offset : 80)

[PD61A]-VGA 42", XGA 42",50" Module

Brightness : High Light : $80 \pm 20 \text{cd/m}^2$
Color-Coordinate : High Light : X : 0.285 ± 0.003
Y : 0.290 ± 0.003

Color Temperature : 9,300°K ± 500°K

- 9) When adjustment is completed, Exit adjustment mode using EXIT key on R/C.

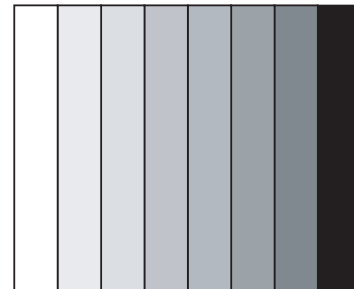
10. Auto Component Color Balance

10-1. Requirement

- It is very important to use correct adjustment pattern like Fig.10.
 - ▼ Within the pattern, color sequence should be aligned : W-Y-C-G-M-R-BLUE-BLACK.
(If color sequence is reversed(Black -> ... > White), reverse the pattern with REV key, when using Master pattern generator like MSPG-925)
 - ▼ If Minimum Black Level and/or Maximum White Level is not correct, select 100% Color Bar Pattern.

10-2. Required Test Equipment

- 1) Remote controller for adjustment.



(Fig. 10) Auto Component Color Balance Test Pattern

- 2) 802F Pattern Generator.
(Which has 720p Ypbpr output with Standard(0.7Vpp)
Vertical 100% Color Bar Pattern as Fig.10)

10-3. Method of auto component color balance

- 1) Input the Component 720p 100% Color Bar signal into Component1 or Component2.
- 2) Set the PSM to Standard mode in Picture menu.
- 3) Press INSTART key on R/C for adjustment.
- 4) Press the  (Vol. +) key operate to set, then it becomes automatically.
- 5) Auto-RGB OK means complete adjustment.

11. Auto RGB Color Balance

11-1. Requirement

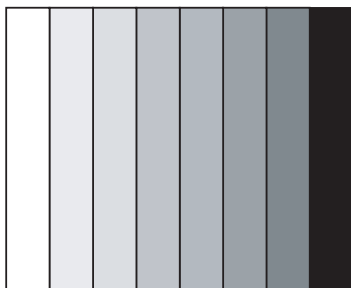
- It is very important to use correct adjustment pattern like fig.11
 - ▼ Within the pattern, color sequence should be aligned : W-Y-C-G-M-R-BLUE-BLACK.
(If color sequence is reversed(Black -> ... > White), reverse the pattern with REV key, when using Master pattern generator like MSPG-925)
 - ▼ If Minimum Black Level and/or Maximum White Level is not correct. Do select 100% Color Bar Pattern.

11-2. Required Test Equipment

- 1) Remote controller for adjustment.
- 2) 802F Pattern Generator, Master(MSPG-925FA), etc.
(Which has XGA 60Hz PC Format output with standard (0.7Vpp) 100% Color Bar Pattern as Fig.11)

11-3. Method of Auto RGB Color Balance

- 1) Input the PC 1024x768 60Hz 100%Color bar into RGB.
- 2) Set the PSM to Standard mode in Picture menu.
- 3) Press ADJ key on R/C for adjustment.
- 4) Press the ϵ (Vol. +) key operate To set, then it becomes automatically.
- 5) Auto-RGB OK means completed adjustment.



(Fig. 11) Auto RGB Color Balance Test Pattern

12. Default value in adjustment mode

12-1. Auto Color Balance (Component/RGB)

Auto Color Balance(Hex)	
Auto-RGB	► To Set
Source	Cortez
Red Offset1	22
Green Offset1	24
Blue Offset1	23
Red Offset2	45
Green Offset2	43
Blue Offset2	37
Red Gain	14
Green Gain	31
Blue Gain	11
Reset	► To Set

(Fig. 12) Default Value on OSD

12-2. White Balance

White Balance(Hex)	
Red Gain	82
Red Offset	80
Green Gain	86
Green Offset	7F
Blue Gain	7E
Blue Offset	82
Reset	ϵ To Set

(Fig. 13) Default Value on OSD

13. EEPROM Data Write

13-1. 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

13-2. 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,.

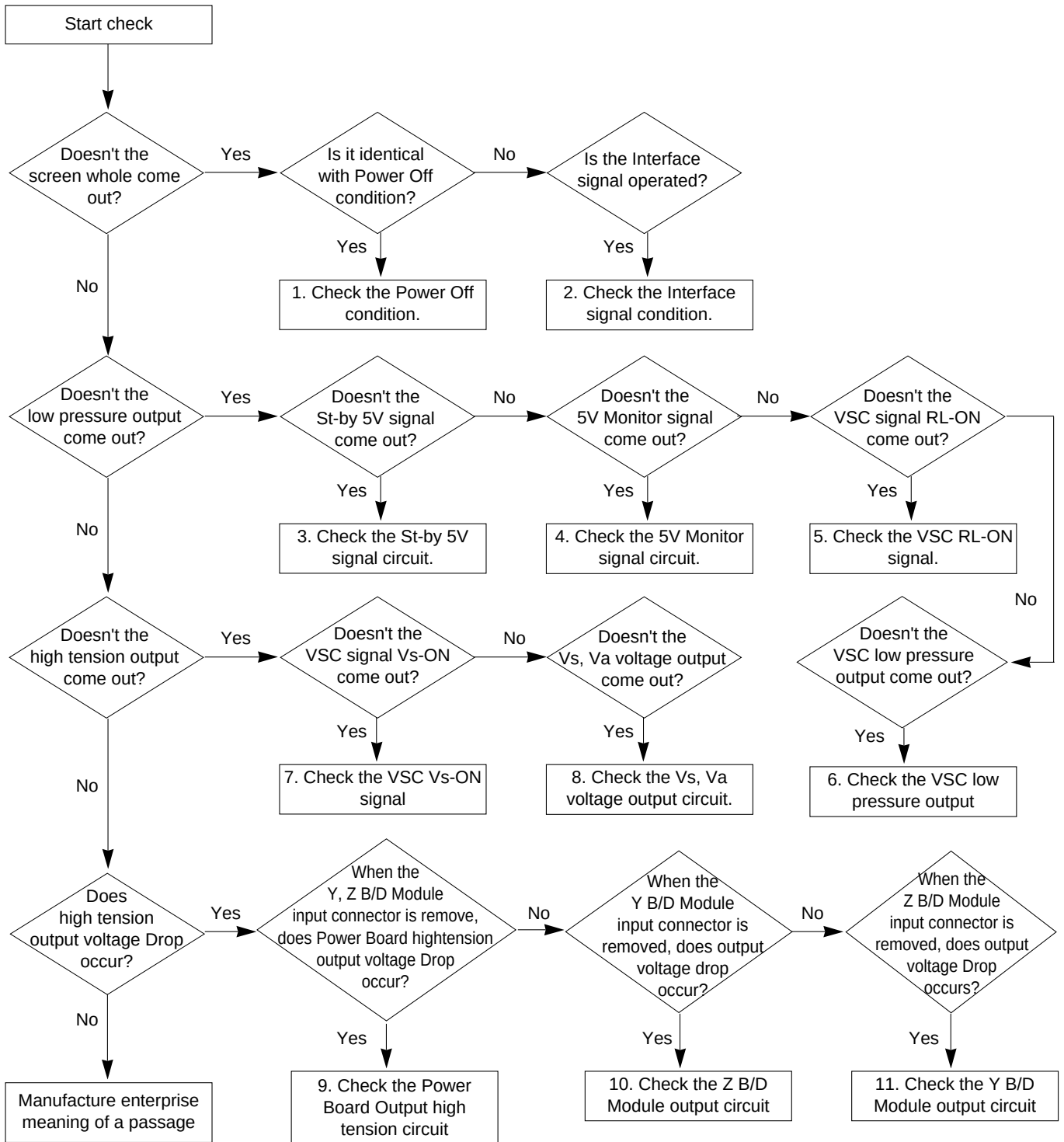
13-3. Method & Notice

- 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.

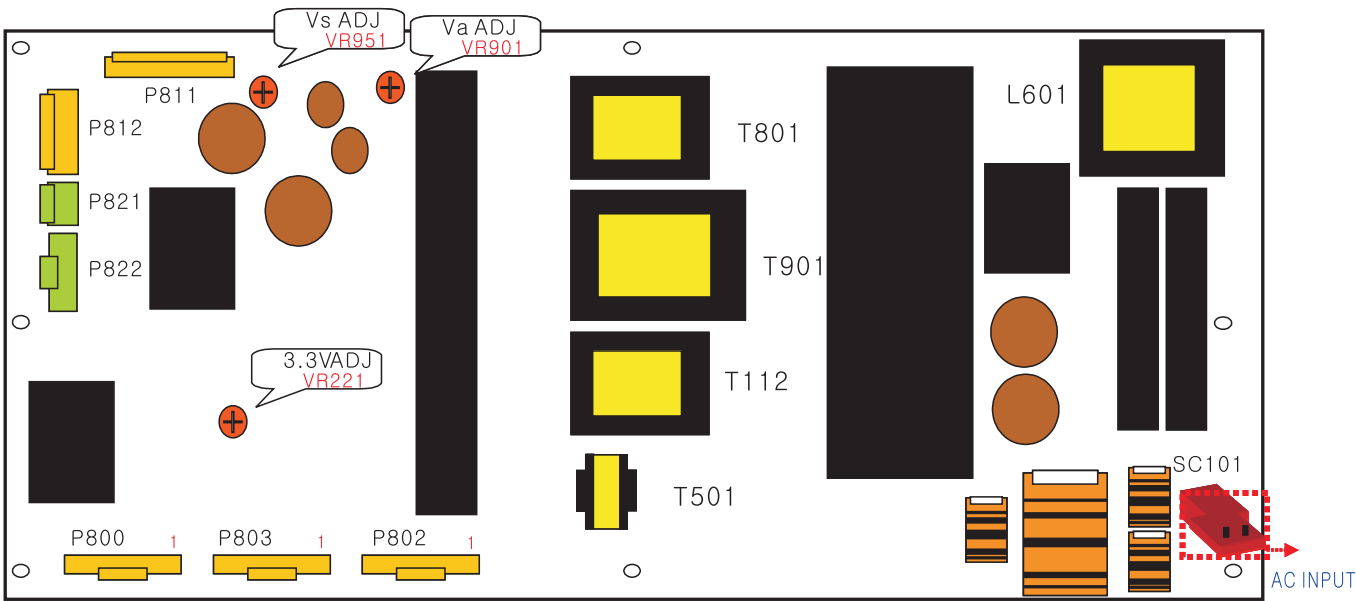
TROUBLE SHOOTING GUIDE

1. Power Board

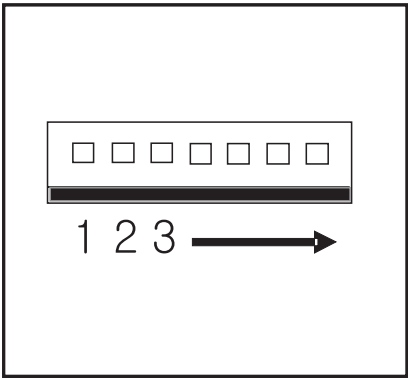
1-1. The whole flowchart which it follows in voltage output state



1-2. 42" Power Board Structure



NO	AC INLET	ANALOG & DIGITAL BOARD			PDP MODULE		READY 1)	
	SC1	P800	P803	P802	P811	P812	P821	P822
1	AC	AC Det	19V	3.4V	Vs	5V	5V	GND
2	NC	RL-ON	19V	3.4V	Vs	GND	5V	GND
3	AC	STB 5V	GND	GND	NC	Va	GND	GND
4		GND	GND	GND	GND	GND	GND	GND
5		Vs-ON	6V	6V	GND	GND		5V
6		5V Det	GND	6V	Va	GND		5V
7		3.4VON	3.4V	GND	GND	NC		5V
8		STB 5V	GND	GND	5V	Vs		5V
9		GND	12V	12V		Vs		
10		NC	GND	12V				
11		6V		GND				
12		GND		GND				
13		3.4VON						



- T801: Vs Trans
- T901: Va Trans
- T112: Low Voltage Trans
- T501: ST-BY Trans
- T601: PFC Inductor

2. In case of occurring strange screen into specific mode

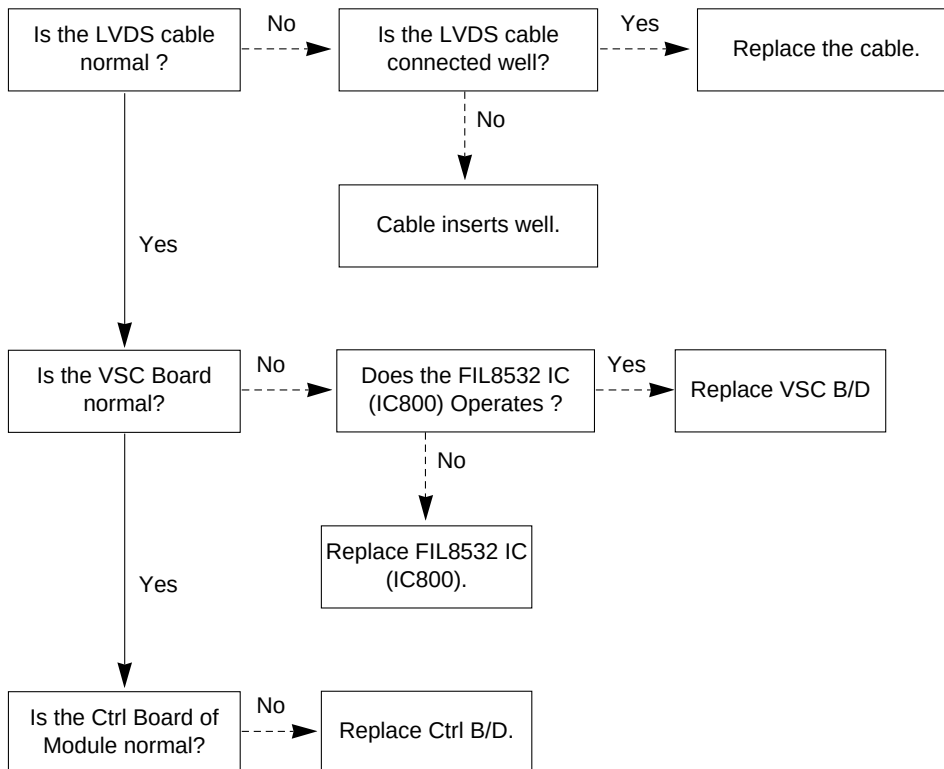
2-1. In case the OSD does not displayed

(1) Symptom

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



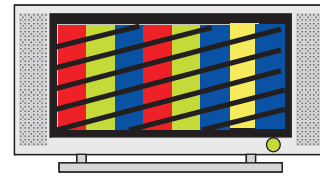
(2) Check follow



2-2. In case of doesn't display the screen into specific mode

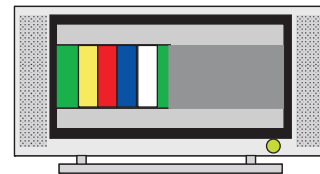
(1) Symptom

- 1) The screen does not become the display from specific input mode.
(RF, AV, Component, RGB, DVI)

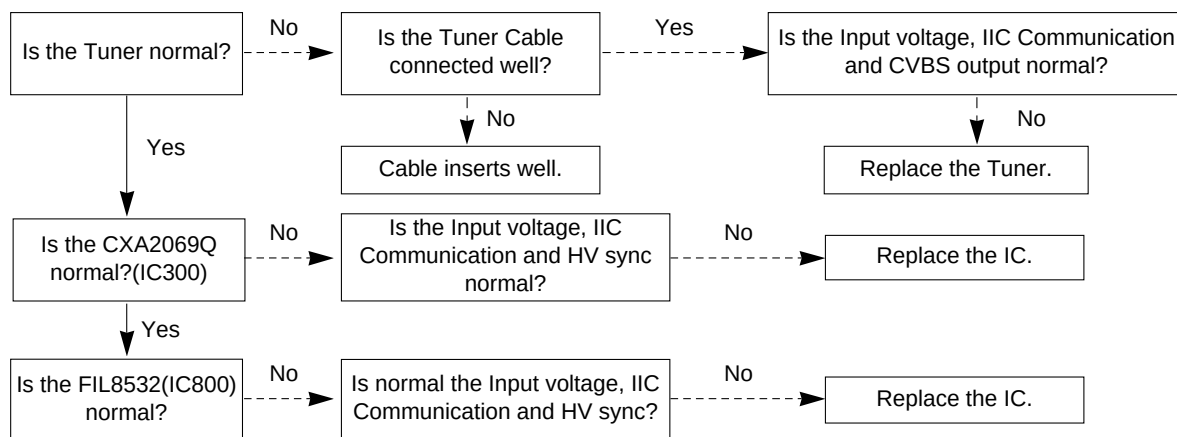


(2) Check following

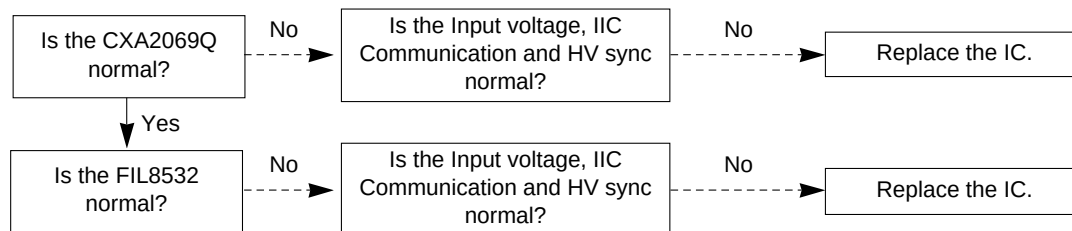
- 1) Check the all input mode should become normality display.
- 2) Check the Video(Main)/Data(Sub), Video(Main)/Video(Sub) should become normality display from the PIP mode or DW mode. (Re-Check it Swap)



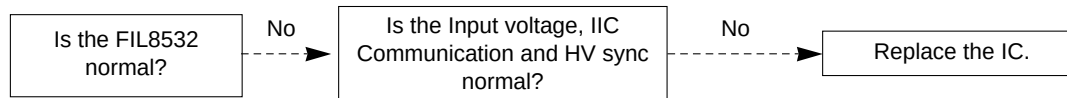
(3) In case of becomes unusual display from RF mode



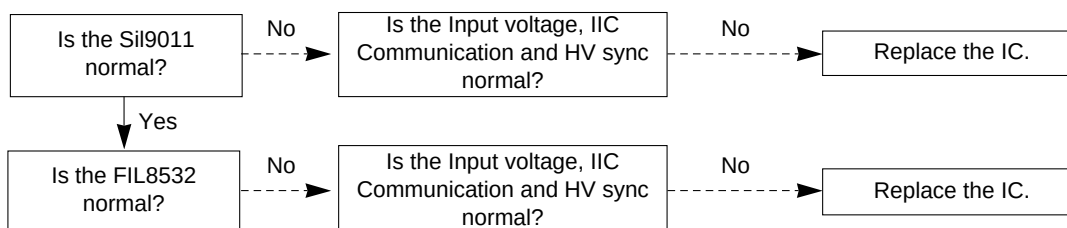
(4) In the case of becomes unusual display from AV mode



(5) In the case of becomes unusual display from Component, RGB-DTV/ PC mode



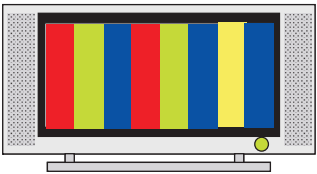
(6) In the case of becomes unusual display from HDMI mode



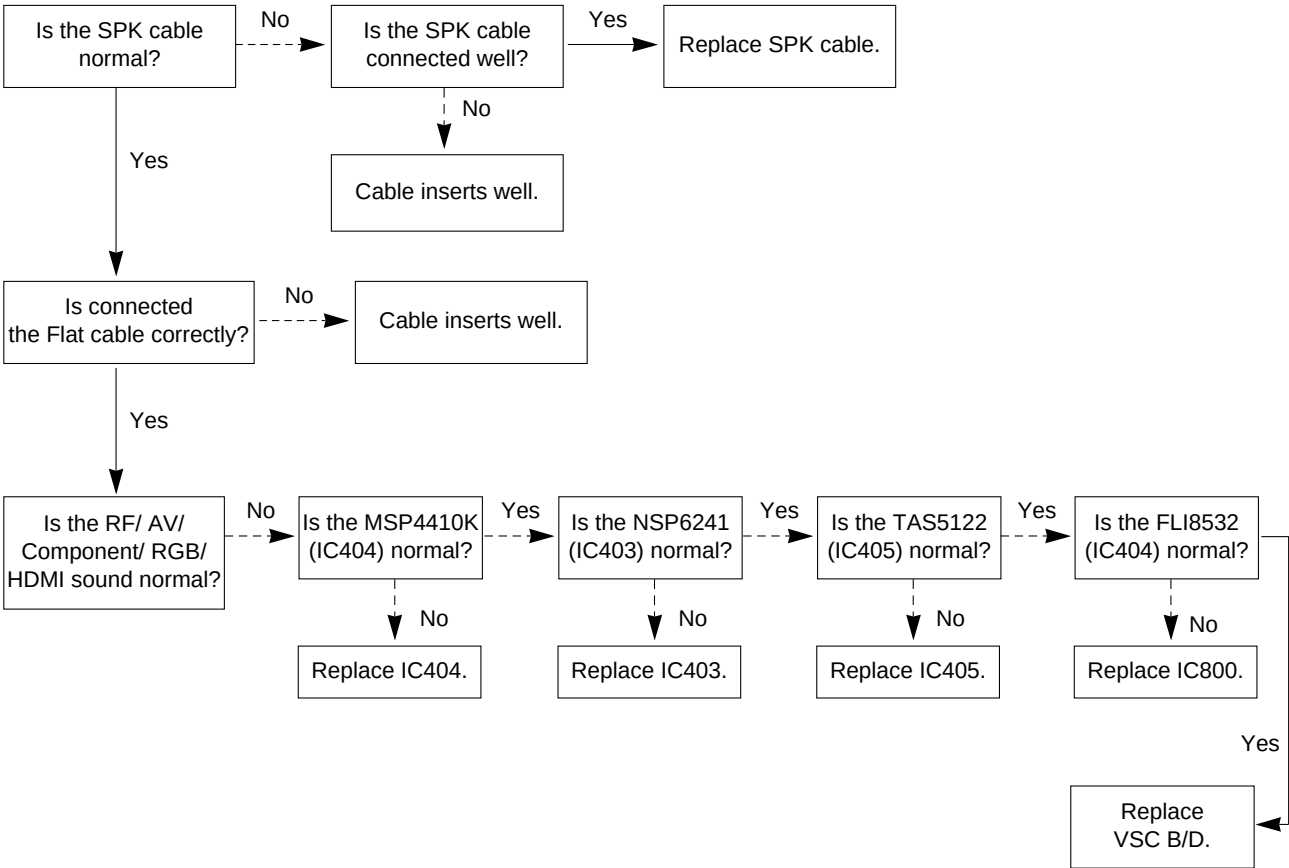
3. In case of no sound

(1) Symptom

- 1) LED is white.
- 2) Screen display but sound is not output.

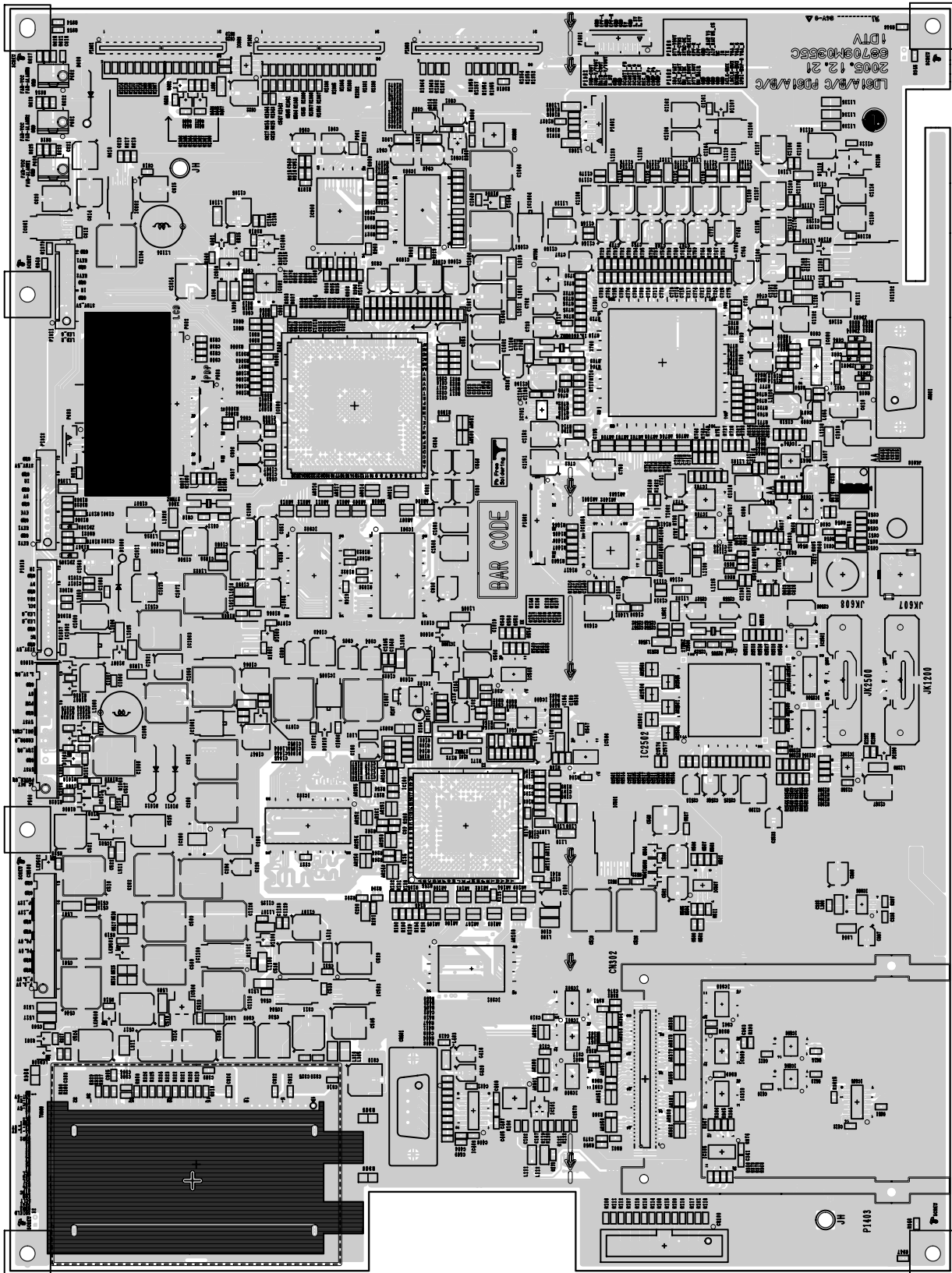


(2) Check following

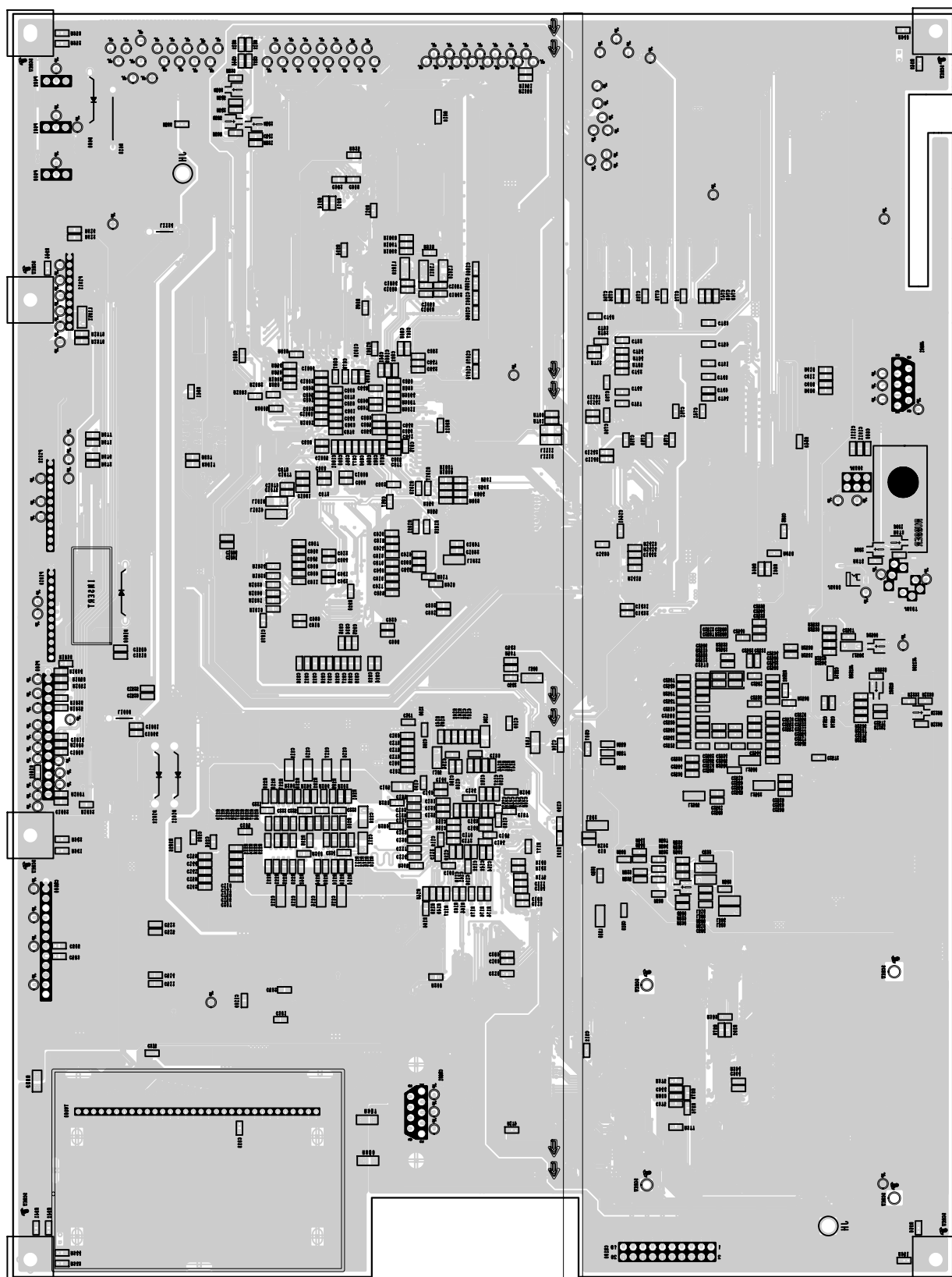


PRINTED CIRCUIT BOARD

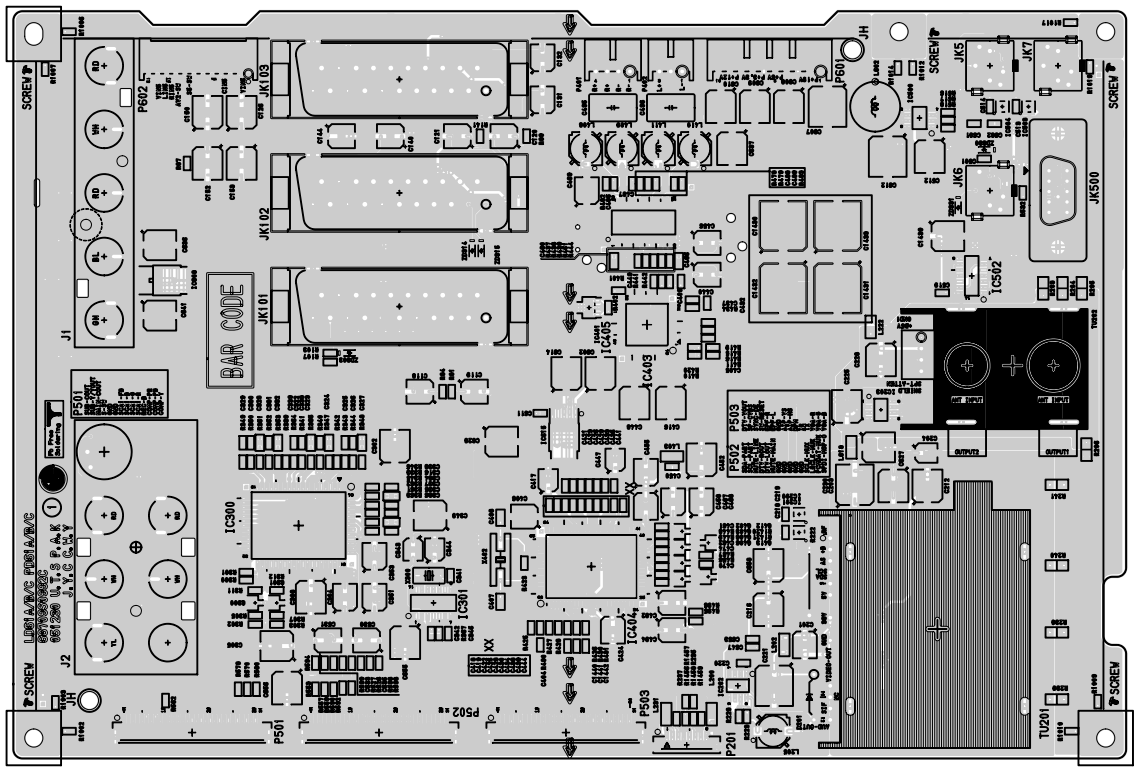
MAIN(TOP)



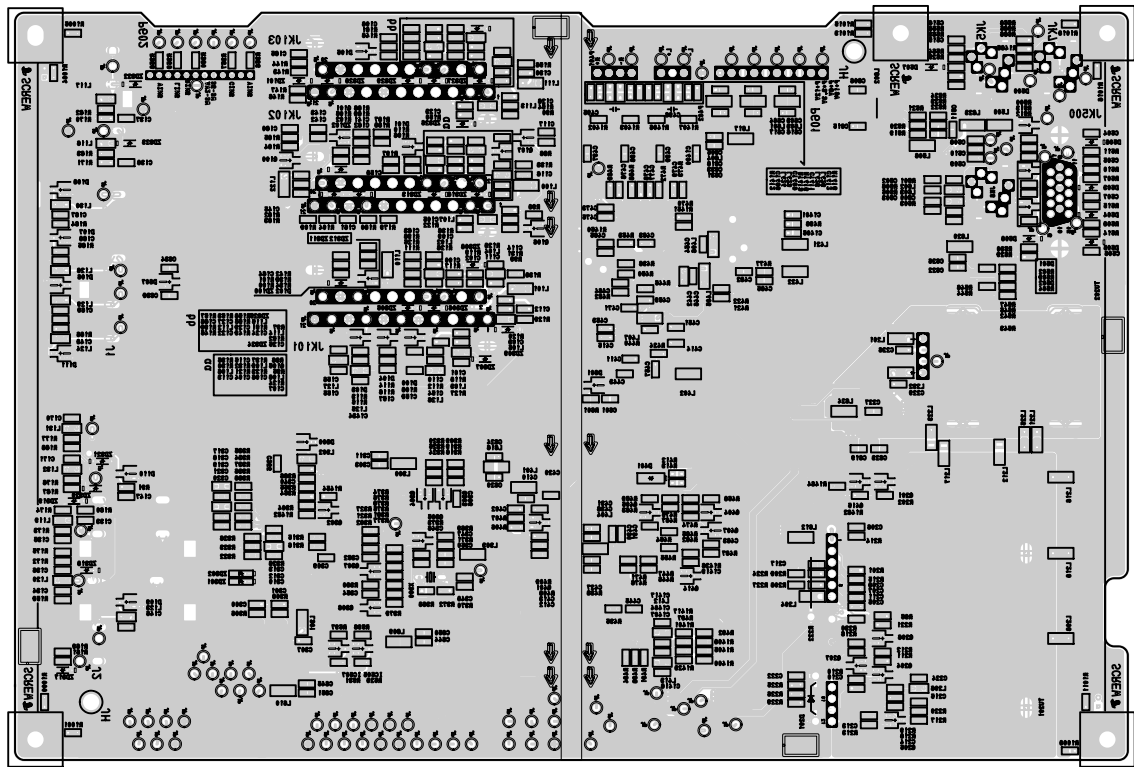
MAIN(BOTTOM)



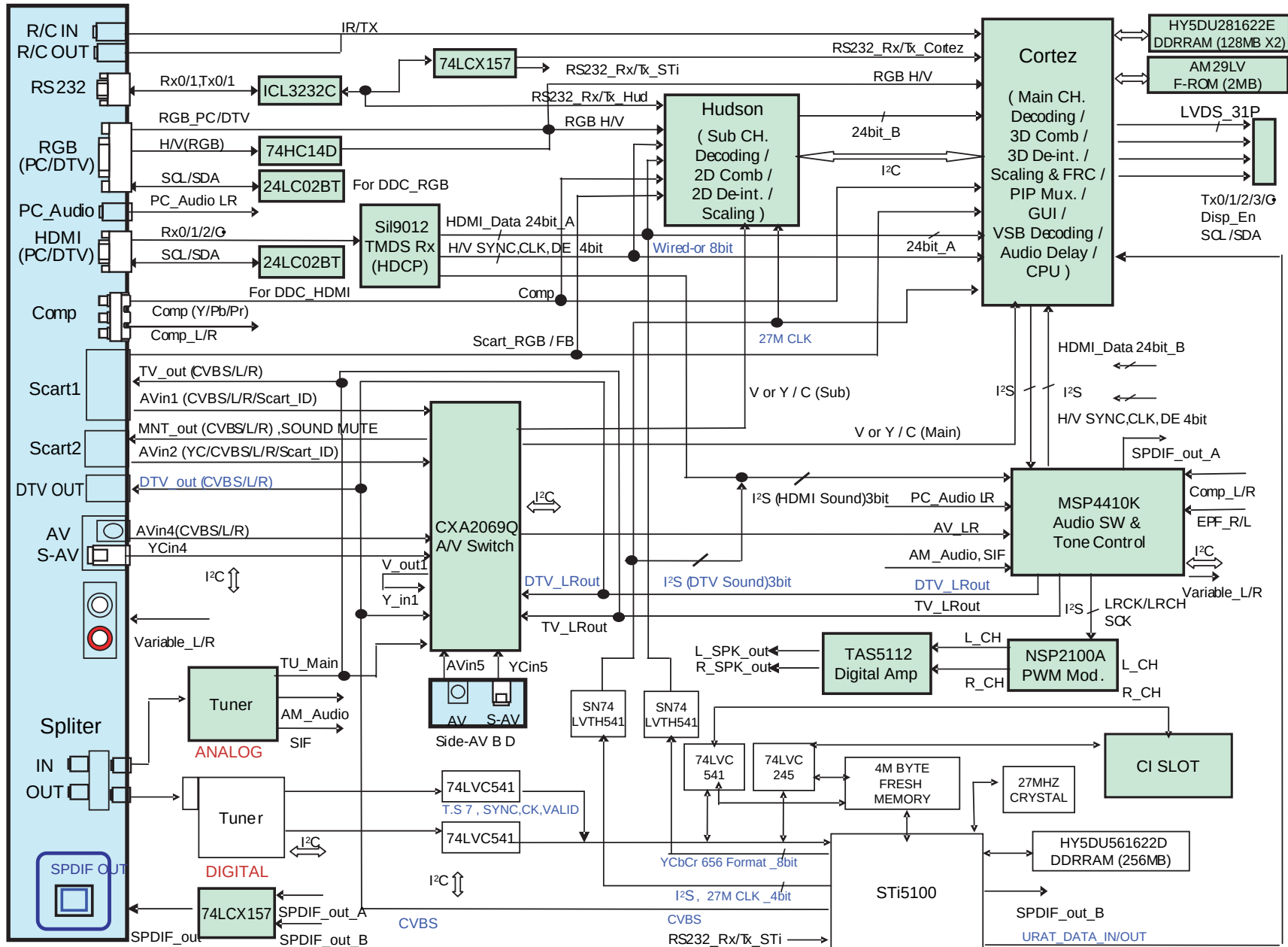
AV (TOP)



AV (BOTTOM)



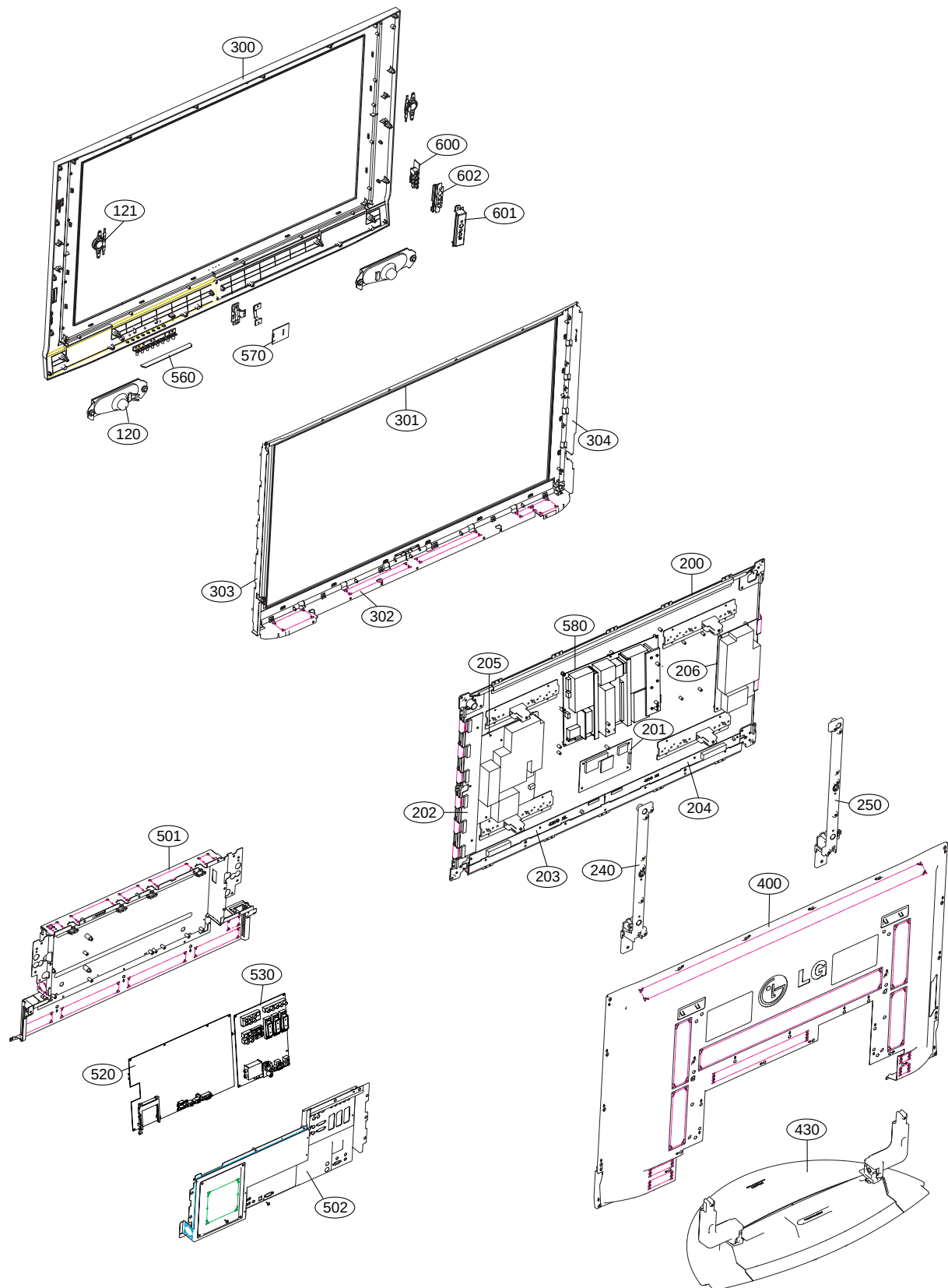
[illegible][illegible]



BLOCK DIAGRAM

MEMO

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
120	6400WMCX03A	Speaker, Woofer G1560102 ND35 15W 8OHM 82DB 100HZ 193X57mm LUG
121	6400DTTX02C	Speaker, Tweeter EN15D-6659-1 N35 15W 8OHM 81DB - 38.3X88mm LUG
 200	6348Q-E128J	PDP, Module-XGA PDP42X30201.ADLGB XGA 42INCH 1024X768 16/9
 201	6871QCH077A	PCB Assembly, Display CTRL ASSY HAND INSERT 42"HD 42X3 CTRL ASSY HAND
 202	6871QDH117A	PCB Assembly, Display YDRV ASSY HAND INSERT 42"HD 42X3 YDRV HAND INSERT
 203	6871QLH059A	PCB Assembly, Display XRLT ASSY HAND INSERT 42"HD 42X3 XRLT ASSY HAND
 204	6871QRH068A	PCB Assembly, Display XRRT ASSY HAND INSERT 42"HD 42X3 XRRT ASSY
 205	6871QYH053B	PCB Assembly, Display YSUS ASSY HAND INSERT 42"HD 42X3 VER.B
 206	6871QZH056B	PCB Assembly, Display ZSUS ASSY HAND INSERT 42"HD 42X3 VER.B
240	4980900366C	Supporter, CASTING ALDC NON AL NON
250	4980900366D	Supporter, CASTING ALDC NON AL NON
 300	30919E0075D	Cover Assembly, 42PC1DA-EC PD61A 42" MA,LOCAL
301	4980900367A	Supporter, ASSY AL FILTER TOP,42PC1,LGEMA
302	4980900368A	Supporter, ASSY AL FILTER BOTT, 42PC1,LGEMA
303	4980900369A	Supporter, ASSY AL ASSY AL FILTER RIGHT, 42PC1,LGEMA
304	4980900370A	Supporter, ASSY AL ASSY AL FILTER LEFT, 42PC1,LGEMA
 400	MCK30275902	Cover, PRESS PCM 0.4 42PC1RR-ZL AL NON
 430	3501900014E	Base Assembly, D/T SPK STAND AP-42DC11 MF056A FOLDING STAND SKD PHATOM
501	3301900095H	Plate Assembly, AV 42PC I-DTV
502	3301900092M	Plate Assembly, ASSY DIGITAL COVER ASSY 2HDMI
520	68719MMU84A	PCB Assembly, Main MAIN1 M.I PD61A 42PC1D-EC AEKLLEX IDTV ENGLAND XGA MANUAL
530	68719SMJ93A	PCB Assembly, Sub SUB M.I PD61A 42PC1D-FC AEKLLEX IDTV ENGLAND XGA MANUAL
560	68719SML96A	PCB Assembly, Sub SUB M.I PD61A 42PC1DV-EC SEKLLJP CONTROL KEY
570	68719SMM33A	PCB Assembly, Sub SUB M.I PD61A 42PC1D-EC SEKLLJP PREAMP
 580	68719PT299A	PCB Assembly, Power POWER T.T PA61A 42INCH PDP UNIFICATION PSU ALL GUMI
600	68719SML94A	PCB Assembly,Sub SUB M.I PD61A 42PC1DV-EC SEKLLJP SIDE A/V
601	MAZ30276801	Bracket, MOLD ABS AF-303S AV 42PC1R-ZH PP62A ABS, AF-303S NON
602	48149K0055A	Plate, SIDE A/V , MA

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
IC		
IC100	0IPRP00703A	STI5100GUB 3.3V - - PBGA TR 336P
IC1000	0IPRPM001A	MIC39100-2.5WS MICREL 3P SOT223
IC1001	0IMCRRH001A	BA033FP-E2 4.3TO25V 3.3V 1W TO252
IC1002	0IMCRFA010A	KA7809R 11.5TO24V 9V 150W DPAK
IC1003	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V - TO263
IC1004	0IMCRRH001A	BA033FP-E2 4.3TO25V 3.3V 1W TO252
IC1005	0IMCRRH001A	BA033FP-E2 4.3TO25V 3.3V 1W TO252
IC101	0IKE702900G	KIA7029AF -0.3TO15V 2.9V 500MW SOT89
IC102	0ISTLPH026A	74LVC541APW 1.2TO3.6V 0.01mA
IC1100	0IMCRRH001A	BA033FP-E2 4.3TO25V 3.3V 1W TO252
IC1102	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V - TO263
IC1103	0IPMGKE030A	KIA78R05F 6TO12V 5V 8W DPAK R/TP 5P
IC1105	0IPRPM001A	MIC39100-2.5WS MICREL 3P SOT223
IC1201	0IMMR00018A	24LC02BT-I/SNG 2KBIT 256X8BIT
IC1204	0IPRP00623A	CM2021-00TR 1VTO5500MV - TSSOP
IC1401	0IMCR02006A	FLI8125AA-LF 3150MVTO3150MV,1800MVTO
IC1403	0IKE704200J	KIA7042AF -0.3TO15V 4.2V 500MW SOT89
IC200	0IPMG78391A	SC2595STR 2.3TO5V - - SOIC R/TP 8P
IC202	0IMMRHY060B	HY5DU561622DTP-D43 256MBIT
IC202	0IPMGON013B	MC34063ADR2G 3TO40V 40V 625MW SOIC
IC203	0IPRP00602A	TPS2010ADR 2.7TO5.5V 8.6MSEC 3.4MSEC
IC2500	0IPRP00623A	CM2021-00TR 1VTO5500MV - TSSOP
IC2501	0IMMR00018A	24LC02BT-I/SNG 2KBIT 256X8BIT
IC2502	0IPRPS5006A	SIL9021CTU 3VTO3600MV,1620MVTO
IC300	0ISO206900A	CXA2069Q 8.5TO9.5V - - 1300MW QFP
IC300	0ISTLPH003B	74LVC541APW 1.2TO3.6V 0.01mA BUFFER/LINE
IC301	0IMCRFA013A	74LCX244MTC 2TO3.6V 0.01mA BUFFER/LINE
IC301	0ISA721700C	LA7217M 4500MVTO5500MV 16.1KHZ
IC302	0ISTLPH003B	74LVC541APW 1.2TO3.6V 0.01mA BUFFER/LINE
IC305	0IMCRFA013A	74LCX244MTC 2TO3.6V 0.01mA BUFFER/LINE
IC306	0IPRP00602B	TPS2011ADR 2.7TO5.5V 20MSEC 40MSEC
IC308	0ISTLPH048A	74LVC245APW 1.2TO3.6V 0.01mA
IC309	0ISTL00083A	74LCX373MTC FAIRCHILD 20PIN TSSOP
IC310	0ISTL00083A	74LCX373MTC FAIRCHILD 20PIN TSSOP
IC400	0IMP242560A	24LC256-I/SM 256KBIT 32KX8BIT
IC401	0IPH741400E	74HC14D 2TO6V 0.002mA SCHMITT
IC403	0ILNR00015A	NSP-2100A 1.8VTO3.3V
IC403	0IPRP00009A	ICL3232CBNZ 3VTO5500MV - SSO
IC404	0ITO740800C	TC74LCX08FT 2TO3.6V 10uA AND GATE
IC404	0IMCRMN028B	MSP4410K 3.1TO3.5V_4.75TO5.25V_7.6TO8.7V
IC405	0IMCRTI028C	TAS5122DCAR 3TO3.6V_16TO25.5V_0TO25.5V
IC405	0IMCRPH015A	74LVC32AD 1.2TO3.6V 0.01mA OR GATE
IC406	0ISTLPH026A	74LVC14APW 1.2TO3.6V 0.01mA SCHMITT
IC500	0ICS240213A	CAT24WC02J-TE13 2KBIT 256X8BIT
IC500	0IMCRSJ001A	SC1565IST-1.8 2.2TO5.5V 1.8V - SOT223
IC501	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V - TO263
IC502	0IPH741400E	74HC14D 2TO6V 0.002mA
IC502	0IMCRSJ001B	SC1565IST-2.5TR 2.2TO5V 2.5V - SOT223
IC503	0IPMGKE030A	KIA78R05F 6TO12V 5V 8W DPAK R/TP 5P
IC504	0IPMGKE031A	KIA78R33F 4TO10V 3.3V 8W DPAK R/TP 5P
IC505	0ISTLPH003B	74LVC541APW 1.2TO3.6V 0.01mA BUFFER/LINE

LOCA. NO	PART NO	DESCRIPTION
IC506	0ISTLPH003B	74LVC541APW 1.2TO3.6V 0.01mA BUFFER/LINE
IC507	0ISTL00029A	MC33078DR2G +-5TO+-18V 2mV 0.002%
IC600	0IPRP00009A	ICL3232CBNZ 3VTO5500MV - SSOP
IC604	0ITO741570C	TC74LCX157FT 2TO3.6V 0.01mA
IC605	0ITO741570C	TC74LCX157FT 2TO3.6V 0.01mA
IC606	0ITO741570C	TC74LCX157FT 2TO3.6V 0.01mA
IC608	0IMCRFA010A	KA7809R 11.5TO24V 9V 150W DPAK R/TP 3P
IC615	0IPMGKE030A	KIA78R05F 6TO12V 5V 8W DPAK R/TP 5P
IC701	0IMMR00023A	24LC32AT-I/SNG 32KBIT 4KX8BIT
IC703	0IMMR00004A	SST25VF040-20-4C-S2AE 4MBIT 512KX8BIT
IC800	0IMCR02005A	FLI8532BC-LF 3.3V_2.5V_1.8V 257mA
IC802	0IMP242560A	24LC256-I/SM 256KBIT 32KX8BIT
IC901	0IMMRHY052C	HY5DU281622ETP-5 128MBIT
IC902	0IMMRHY052C	HY5DU281622ETP-5 128MBIT
TRANSISTOR & FET		
IC505	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
IC507	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q100	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q1000	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q1001	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q1003	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q1004	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q1006	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q1007	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q1008	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q101	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q101	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q102	0TR102009AM	KRA102S PNP -30V - -50V -0.1A
Q102	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q103	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q103	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q104	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q105	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q106	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q107	0TR102009AM	KRA102S PNP -30V - -50V -0.1A
Q1200	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q1200	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q201	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q204	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q205	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q206	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q207	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q2502	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q2503	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q2504	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q300	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q300	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q301	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q301	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q302	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q303	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q304	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyester CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible
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LOCA. NO	PART NO	DESCRIPTION
Q305	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q306	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q307	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q400	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q401	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q401	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q402	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q402	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q403	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q404	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q405	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q406	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q407	0TR102009AM	KRA102S PNP -30V - -50V -0.1A
Q408	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q412	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q413	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q414	0TR102009AM	KRA102S PNP -30V - -50V -0.1A
Q415	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q500	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q501	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q502	0TR102009AM	KRA102S PNP -30V - -50V -0.1A
Q503	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q504	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q505	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q505	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q506	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q506	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q801	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
IC200	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V
IC201	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V
IC503	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V
IC504	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V
IC803	0TF492509AA	FET, Array Si4925DY P-CHANNEL -30V +-20V
DIODE		
D100	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1000	0DD100009AM	EU1Z 200V 2500MV 10UA 15A 400NSEC
D1005	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1006	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1007	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1008	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1009	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D101	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1010	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1011	0DD200009AF	RU2M 400V 1200MV 10UA 20A 400NSEC
D1012	0DD200009AF	RU2M 400V 1200MV 10UA 20A 400NSEC
D102	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D103	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D104	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D109	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D110	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1100	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC

LOCA. NO	PART NO	DESCRIPTION
D1106	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1107	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D111	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1110	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1200	0DD184009AA	KDS184 1200MV 85V 300MA 2A 4NSEC
D201	0DS113379BA	1SS133 1200MV 90V 400MA 600MA 4NSEC
D2500	0DD184009AA	KDS184 1200MV 85V 300MA 2A 4NSEC
D300	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D401	0DZRM00248A	RLZ8.2B 8200MV 7.78TO8.19V 80HM
D500	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D501	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D502	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D503	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
D504	0DZRM00178A	UDZS5.1B 5100MV 4.98TO5.2V 80OHM
D505	0DZRM00178A	UDZS5.1B 5100MV 4.98TO5.2V 80OHM
D506	0DZRM00178A	UDZS5.1B 5100MV 4.98TO5.2V 80OHM
D507	0DZ560009DA	UDZS5.6B 5600MV 5.49TO5.73V 60OHM
D508	0DZRM00178A	UDZS5.1B 5100MV 4.98TO5.2V 80OHM
D600	0DD100009AM	EU1Z 200V 2500MV 10UA 15A 400NSEC
D601	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D607	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
ZD100	0DZRM00178A	UDZS5.1B 5100MV 4.98TO5.2V 80OHM
ZD301	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
ZD302	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
CAPACITOR		
C100	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
C100	0CC050CK11A	C1608C0G1H050DT 5p 0.5PF 50V C0G
C1000	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1001	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1002	0CK474CH94A	0603F474Z250CT 470000p -20TO+80%
C1003	0CK474CH94A	0603F474Z250CT 470000p -20TO+80%
C1004	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1005	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1006	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1007	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1008	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1009	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C101	0CC050CK11A	C1608C0G1H050DT 5p 0.5PF 50V
C101	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1011	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1013	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1014	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1015	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1017	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1018	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1019	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C102	0CC050CK11A	C1608C0G1H050DT 5p 0.5PF 50V C0G
C102	0CK105CD56A	C1608X7R1A105KT 1000000p 10% 10V X7R
C1029	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C103	0CE4763F618	ESF476M016T1A5E05G 47u 20% 16V 60MA
C103	0CC050CK11A	C1608C0G1H050DT 5p 0.5PF 50V C0G

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	CQ : Polyester	RS : Metal Oxide Film
	CE : Electrolytic	RN : Metal Film
		RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C103	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1030	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1035	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C104	0CE4763F618	ESF476M016T1A5E05G 47u 20% 16V 60MA
C104	0CC050CK11A	C1608C0G1H050DT 5p 0.5PF 50V C0G
C104	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1040	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1043	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1044	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1045	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1046	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1047	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1048	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1049	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C105	0CE4763F618	ESF476M016T1A5E05G 47u 20% 16V 60MA
C105	0CC050CK11A	C1608C0G1H050DT 5p 0.5PF 50V C0G
C105	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1050	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1051	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1052	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1053	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1054	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1055	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1056	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1057	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1058	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1059	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C106	0CC050CK11A	C1608C0G1H050DT 5p 0.5PF 50V C0G
C106	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1060	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1061	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1062	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1063	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1064	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1065	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1066	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1067	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1068	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1069	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C107	0CC050CK11A	C1608C0G1H050DT 5p 0.5PF 50V C0G
C107	0CK105CD56A	C1608X7R1A105KT 1000000p 10% 10V
C1070	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1071	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1072	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1073	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1074	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1075	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1076	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1077	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1078	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1079	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C108	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA

LOCA. NO	PART NO	DESCRIPTION
C1080	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1081	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1082	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1083	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1084	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1085	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1086	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1087	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1088	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1089	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C109	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C109	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1090	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1091	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1092	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1093	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1094	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1095	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1096	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1097	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1098	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1099	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C110	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C110	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1100	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1101	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1102	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1103	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1104	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1105	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1106	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1107	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1108	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1109	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C111	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C111	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1110	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1111	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1111	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1112	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1113	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1114	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1115	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1116	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C112	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C112	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1125	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1126	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1129	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C113	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C113	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1130	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R

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LOCA. NO	PART NO	DESCRIPTION
C1133	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1134	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1137	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1138	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1139	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C114	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C114	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1140	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1141	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1142	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1144	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1145	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1146	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1147	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1149	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C115	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C115	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1150	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1151	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1152	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1155	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1157	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1159	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C116	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
C116	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1161	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1162	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1163	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1164	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1165	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1166	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1167	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1168	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1169	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C117	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C117	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1170	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1171	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1172	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1173	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1174	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1175	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1176	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1177	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1178	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1179	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C118	0CE106WH6DC	MVK5.0TP25VC10M 10u 20% 25V 25MA
C118	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1180	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1181	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1182	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1183	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R

LOCA. NO	PART NO	DESCRIPTION
C1184	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1185	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1186	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1187	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1188	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1189	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C119	0CE106WH6DC	MVK5.0TP25VC10M 10u 20% 25V 25MA
C119	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1190	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1191	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1192	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1193	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1194	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1197	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1198	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1199	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C120	0CE106WH6DC	MVK5.0TP25VC10M 10u 20% 25V 25MA
C120	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1200	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
C1201	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
C1205	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1206	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1207	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1208	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C121	0CE106WH6DC	MVK5.0TP25VC10M 10u 20% 25V 25MA
C121	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1210	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1217	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1218	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1219	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C122	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1220	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1221	0CC180CK41A	C1608C0G1H180JT 18p 5% 50V C0G
C1222	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1223	0CC180CK41A	C1608C0G1H180JT 18p 5% 50V C0G
C1224	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1225	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
C123	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1230	0CK105CD56A	C1608X7R1A105KT 1000000p 10% 10V X7R
C1231	0CK105CD56A	C1608X7R1A105KT 1000000p 10% 10V X7R
C1236	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1237	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1238	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1239	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C124	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1240	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1241	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1242	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1243	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1244	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1245	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
C1246	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R

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	CQ : Polyester	RS : Metal Oxide Film
	CE : Electrolytic	RN : Metal Film
		RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C1247	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C125	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C126	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C126	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C127	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C127	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C128	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C128	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C129	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C129	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C130	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C130	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C131	0CE106WH6DC	MVK5.0TP25VC10M 10u 20% 25V 25MA
C131	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1310	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1311	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1311	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1313	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1314	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1317	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1318	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1319	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C132	0CE106WH6DC	MVK5.0TP25VC10M 10u 20% 25V 25MA
C132	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C133	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C134	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C135	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C135	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C136	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C136	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C137	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C138	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C139	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C140	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C140	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1400	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1401	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1404	0CK471CK56A	C1608X7R1H471KT 470p 10% 50V X7R
C1405	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1407	0CK471CK56A	C1608X7R1H471KT 470p 10% 50V X7R
C1408	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1409	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C141	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C141	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1411	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1412	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1417	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1418	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C1419	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C142	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C142	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C143	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R

LOCA. NO	PART NO	DESCRIPTION
C143	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1430	0CE227WJ6DC	MVK10TP35VC220M 220u 20% 35V 375MA
C1430	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1431	0CE227WJ6DC	MVK10TP35VC220M 220u 20% 35V 375MA
C1431	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1432	0CE227WJ6DC	MVK10TP35VC220M 220u 20% 35V 375MA
C1432	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1433	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1433	0CE227WJ6DC	MVK10TP35VC220M 220u 20% 35V 375MA
C1434	0CC331CK41A	C1608C0G1H331JT 330p 5% 50V C0G
C1435	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1439	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1439	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C144	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C144	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1440	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C1440	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1441	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C1441	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1442	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C1442	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C145	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C145	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C146	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C147	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C148	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C149	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C150	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C150	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1503	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1506	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1507	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1508	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1509	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1509	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C151	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1510	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1510	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1511	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1512	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C1513	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1514	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C152	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C152	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1521	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1523	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1525	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C153	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C153	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C154	0CC221CK41A	C1608C0G1H221JT 220p 5% 50V C0G
C154	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C155	0CC221CK41A	C1608C0G1H221JT 220p 5% 50V C0G

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LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C155	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C188	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C156	0CC331CK41A	C1608C0G1H331JT 330p 5% 50V C0G	C189	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C156	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C190	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C157	0CC221CK41A	C1608C0G1H221JT 220p 5% 50V C0G	C191	0CK822CK46A	0603B822J500CT 8200p 5% 50V X7R
C157	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C192	0CK822CK46A	0603B822J500CT 8200p 5% 50V X7R
C158	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C193	0CC220CK41A	C1608C0G1H220JT 22p 5% 50V C0G
C159	0CC331CK41A	C1608C0G1H331JT 330p 5% 50V C0G	C193	0CC300CK41A	C1608C0G1H300JT 30p 5% 50V C0G
C159	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C194	0CC100CK41A	C1608C0G1H100JT 10p 5% 50V C0G
C160	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C194	0CC300CK41A	C1608C0G1H300JT 30p 5% 50V C0G
C161	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C195	0CK475CC94A	C1608Y5V0J475ZT 4700000p
C162	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C196	0CK475CC94A	C1608Y5V0J475ZT 4700000p
C163	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C197	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C164	0CK106EF56A	C3216X7R1C106KT 10000000p 10% 16V	C198	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C165	0CK106EF56A	C3216X7R1C106KT 10000000p 10% 16V	C199	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C166	0CK106EF56A	C3216X7R1C106KT 10000000p 10% 16V	C200	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C167	0CC100CK41A	C1608C0G1H100JT 10p 5% 50V C0G	C201	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7u 20% 50V 19MA
C168	0CC220CK41A	C1608C0G1H220JT 22p 5% 50V C0G	C201	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C169	0CC101CK41A	C1608C0G1H101JT 100p 5% 50V C0G	C202	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C169	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R	C203	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C170	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R	C203	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C171	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C204	0CE105WK6DC	MVK4.0TP50VC1M 1u 20% 50V 5.6MA
C172	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C204	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C173	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R	C205	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C174	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R	C205	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C175	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R	C206	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C176	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C206	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C177	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C207	0CC270CK41A	C1608C0G1H270JT 27p 5% 50V C0G
C178	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C207	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C179	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA	C208	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C18	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G	C208	0CC270CK41A	C1608C0G1H270JT 27p 5% 50V C0G
C180	0CK105CD56A	C1608X7R1A105KT 1000000p 10% 10V X7R	C209	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1800	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C210	0CC101CK41A	C1608C0G1H101JT 100p 5% 50V C0G
C1801	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C210	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C1802	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C211	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1803	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C211	0CK106EF56A	C3216X7R1C106KT 10000000p 10% 16V
C1804	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C212	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C1805	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C212	0CK106EF56A	C3216X7R1C106KT 10000000p 10% 16V
C1806	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C213	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C1807	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C213	0CK106EF56A	C3216X7R1C106KT 10000000p 10% 16V
C1808	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C213	0CK223CK56A	UMK107JB223KA-T 22000p 10% 50V X7R
C1809	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C214	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C181	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C214	0CK106EF56A	C3216X7R1C106KT 10000000p 10% 16V
C1810	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C215	0CK106EF56A	C3216X7R1C106KT 10000000p 10% 16V
C1813	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C215	0CK153CK56A	0603B153K500CT 15000p 10% 50V X7R
C1814	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA	C216	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1815	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C216	0CK106EF56A	C3216X7R1C106KT 10000000p 10% 16V
C182	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C217	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C183	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C217	0CK106EF56A	C3216X7R1C106KT 10000000p 10% 16V
C184	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C218	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C185	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C218	0CK106EF56A	C3216X7R1C106KT 10000000p 10% 16V
C186	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R	C219	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C187	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R	C219	0CK106EF56A	C3216X7R1C106KT 10000000p 10% 16V

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	CQ : Polyester	RS : Metal Oxide Film
	CE : Electrolytic	RN : Metal Film
		RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C220	0CC271CK41A	C1608C0G1H271JT 270p 5% 50V C0G
C220	0CK106EF56A	C3216X7R1C106KT 1000000p 10% 16V
C221	0CE476WK6DC	MVK8.0TP50VC47M 47u 20% 50V 170MA
C221	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C222	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C222	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C223	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C224	0CC271CK41A	C1608C0G1H271JT 270p 5% 50V C0G
C224	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C225	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C225	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C226	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
C226	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C227	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C227	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C228	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C229	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C230	0CE477SF6DC	VMV477M016S0ANG030 470u 20% 16V
C2500	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2501	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2502	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2503	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2504	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2505	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2506	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2507	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2508	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2509	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C2510	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2511	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2512	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2513	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2514	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2515	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2516	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2517	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2518	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
C2519	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2520	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2521	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C2522	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2523	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2524	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2525	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
C2526	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2527	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
C2528	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2529	0CC180CK41A	C1608C0G1H180JT 18p 5% 50V C0G
C2530	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C2531	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2532	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C2533	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA

LOCA. NO	PART NO	DESCRIPTION
C2534	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2535	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C2536	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C2537	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2538	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2539	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2540	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2541	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2542	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2543	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2544	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2545	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C2546	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
C2547	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2548	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2549	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2550	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2551	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2552	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C2553	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
C2554	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2555	0CC180CK41A	C1608C0G1H180JT 18p 5% 50V C0G
C2556	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C2557	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2558	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2559	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2560	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2561	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2562	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2563	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C2564	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2565	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C2566	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C2567	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2568	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C2569	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C2570	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2571	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2572	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2573	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2574	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2575	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C2579	0CC101CK41A	C1608C0G1H101JT 100p 5% 50V C0G
C290	0CK106EF56A	C3216X7R1C106KT 10000000p 10% 16V
C300	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
C300	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C301	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C301	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C302	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C302	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C303	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C303	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyester CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible
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LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C304	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA	C334	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V
C304	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G	C335	0CK225DFK4A	C2012Y5V1C225MT 2200000p 20% 16V Y5V
C305	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA	C336	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V
C305	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C337	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
C306	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G	C337	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V
C306	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C338	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C307	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G	C338	0CK225DFK4A	C2012Y5V1C225MT 2200000p 20% 16V Y5V
C307	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C339	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V
C308	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA	C341	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C308	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA	C341	0CK821CK56A	C1608X7R1H821KT 820p 10% 50V X7R
C309	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R	C342	0CK563CK56A	C1608X7R1H563KT 56000p 10% 50V X7R
C309	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C343	0CE105WK6DC	MVK4.0TP50VC1M 1u 20% 50V 5.6MA
C310	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA	C344	0CE105WK6DC	MVK4.0TP50VC1M 1u 20% 50V 5.6MA
C310	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V	C344	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C311	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA	C345	0CK223CK56A	UMK107JB232KA-T 22000p 10% 50V X7R
C311	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C346	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C312	0CK225DFK4A	C2012Y5V1C225MT 2200000p 20% 16V Y5V	C347	0CC151CK41A	C1608C0G1H151JT 150p 5% 50V C0G
C313	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V	C348	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C314	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA	C349	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C315	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C350	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C315	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C351	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7u 20% 50V 19MA
C316	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C352	0CK682CK51A	C1608Y5P1H682KT 6800p 10% 50V Y5P
C316	0CK225DFK4A	C2012Y5V1C225MT 2200000p 20% 16V Y5V	C353	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7u 20% 50V 19MA
C317	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C354	0CK682CK51A	C1608Y5P1H682KT 6800p 10% 50V Y5P
C317	0CK225DFK4A	C2012Y5V1C225MT 2200000p 20% 16V Y5V	C355	0CC820CK41A	C1608C0G1H820JT 82p 5% 50V C0G
C318	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C361	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C318	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V	C363	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C319	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C364	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C319	0CK225DFK4A	C2012Y5V1C225MT 2200000p 20% 16V Y5V	C373	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C320	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C374	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C320	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V	C375	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C321	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C401	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C321	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V	C401	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C322	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C402	0CC331CK41A	C1608C0G1H331JT 330p 5% 50V C0G
C322	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V	C402	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C323	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C403	0CC331CK41A	C1608C0G1H331JT 330p 5% 50V C0G
C323	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V	C403	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C324	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C404	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C324	0CK225DFK4A	C2012Y5V1C225MT 2200000p 20% 16V Y5V	C404	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C325	0CC101CK41A	C1608C0G1H101JT 100p 5% 50V C0G	C404	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C325	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V	C405	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C326	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V	C405	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C327	0CK225DFK4A	C2012Y5V1C225MT 2200000p 20% 16V Y5V	C406	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C328	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C406	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C328	0CK225DFK4A	C2012Y5V1C225MT 2200000p 20% 16V Y5V	C407	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C329	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V	C408	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C330	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA	C409	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C330	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V	C409	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C331	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R	C409	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C331	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V	C410	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C332	0CK225DFK4A	C2012Y5V1C225MT 2200000p 20% 16V Y5V	C410	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C333	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V	C411	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R

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	CQ : Polyester	RS : Metal Oxide Film
	CE : Electrolytic	RN : Metal Film
		RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C411	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C412	0CC560CK41A	C1608C0G1H560JT 56p 5% 50V C0G
C412	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C413	0CC560CK41A	C1608C0G1H560JT 56p 5% 50V C0G
C414	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C415	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C416	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C417	0CE335SK6DC	VMV335M050S0ANB010 3.3u 20% 50V
C418	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
C418	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V
C419	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C419	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V
C420	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
C420	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C421	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C421	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V
C423	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V
C424	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C426	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V
C427	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C429	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V
C431	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C432	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C433	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V
C435	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V
C436	0CC101CK41A	C1608C0G1H101JT 100p 5% 50V C0G
C437	0CC101CK41A	C1608C0G1H101JT 100p 5% 50V C0G
C440	0CE106WH6DC	MVK5.0TP25VC10M 10u 20% 25V 25MA
C442	0CK105DF64A	0805F105Z160CT 1000000p -20TO+80%
C443	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C444	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C445	0CK471CK56A	C1608X7R1H471KT 470p 10% 50V X7R
C446	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C447	0CE335WK6D8	MVK4.0TP50VC3.3M 3.3u 20% 50V 14MA
C448	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C449	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C450	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C451	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C452	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C453	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C454	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C455	0CE106WH6DC	MVK5.0TP25VC10M 10u 20% 25V 25MA
C456	0CE106WH6DC	MVK5.0TP25VC10M 10u 20% 25V 25MA
C457	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C458	0CE106WH6DC	MVK5.0TP25VC10M 10u 20% 25V 25MA
C459	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C460	0CK105DF64A	0805F105Z160CT 1000000p -20TO+80%
C461	0CK682CK51A	C1608Y5P1H682KT 6800p 10% 50V Y5P
C462	0CK682CK51A	C1608Y5P1H682KT 6800p 10% 50V Y5P
C463	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C464	0CK102CK56A	0603B102K500CT 1000p 10% 50V X7R
C465	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R

LOCA. NO	PART NO	DESCRIPTION
C466	0CK105DF64A	0805F105Z160CT 1000000p -20TO+80%
C467	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7u 20% 50V 19MA
C468	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7u 20% 50V 19MA
C469	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7u 20% 50V 19MA
C470	0CK682CK51A	C1608Y5P1H682KT 6800p 10% 50V Y5P
C471	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C473	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C474	0CK682CK51A	C1608Y5P1H682KT 6800p 10% 50V Y5P
C475	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C476	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C477	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C478	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C479	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C482	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C483	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C485	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C486	0CK333CK56A	C1608X7R1H333KT 33000p 10% 50V X7R
C487	0CK333CK56A	C1608X7R1H333KT 33000p 10% 50V X7R
C488	0CK333CK56A	C1608X7R1H333KT 33000p 10% 50V X7R
C489	0CK333CK56A	C1608X7R1H333KT 33000p 10% 50V X7R
C490	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V
C491	0CK474CH94A	0603F474Z250CT 470000p -20TO+80% 25V
C492	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7u 20% 50V 19MA
C494	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7u 20% 50V 19MA
C495	0CF4741L430	PCMT365 76474 0.47u 5% 63V MPE
C496	0CF4741L430	PCMT365 76474 0.47u 5% 63V MPE
C497	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C498	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C499	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C500	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C501	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C502	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C502	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C503	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C503	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C504	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C505	0CC120CK41A	C1608C0G1H120JT 12p 5% 50V C0G
C505	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C506	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C507	0CC120CK41A	C1608C0G1H120JT 12p 5% 50V C0G
C507	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C508	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C509	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C510	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C511	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C511	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C512	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C512	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C513	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C513	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C514	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C514	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R

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LOCA. NO	PART NO	DESCRIPTION
C515	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C516	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C517	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
C518	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C519	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C520	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C521	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
C522	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C523	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C524	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
C525	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
C526	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C527	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C528	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C529	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
C530	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
C530	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7u 20% 50V 19MA
C531	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7u 20% 50V 19MA
C531	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C532	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C533	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C533	0CK682CK51A	C1608Y5P1H682KT 6800p 10% 50V Y5P
C534	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C535	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
C535	0CK682CK51A	C1608Y5P1H682KT 6800p 10% 50V Y5P
C536	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
C537	0CK105CD56A	C1608X7R1A105KT 1000000p 10% 10V X7R
C538	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C539	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C540	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C540	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
C541	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C542	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C543	0CK104CF56A	0603B104K160CT 100000p 10% 16V X7R
C544	0CK105CD56A	C1608X7R1A105KT 1000000p 10% 10V X7R
C545	0CK105CD56A	C1608X7R1A105KT 1000000p 10% 10V X7R
C546	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C547	0CK105CD56A	C1608X7R1A105KT 1000000p 10% 10V X7R
C600	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C600	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C601	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C601	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C602	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C602	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C603	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C603	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C604	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C605	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C605	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C606	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C606	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C607	0CE107VH6DC	VG107M025S0ANG020 100u 20% 25V

LOCA. NO	PART NO	DESCRIPTION
C607	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C608	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C609	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C609	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C610	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C610	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C611	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C612	0CE107VH6DC	VG107M025S0ANG020 100u 20% 25V
C612	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C613	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C614	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C614	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C615	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C615	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C616	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C617	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C618	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C618	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C619	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C619	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C620	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C620	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C621	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C621	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C622	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C622	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C623	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C623	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C624	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C624	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C625	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C625	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C626	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C627	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C627	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C628	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C628	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C629	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C630	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C631	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C631	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C633	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C634	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C636	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C637	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C639	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C641	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C644	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C645	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C647	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C650	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C651	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R

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	CQ : Polyester	RS : Metal Oxide Film
	CE : Electrolytic	RN : Metal Film
		RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C652	0CC300CK41A	C1608C0G1H300JT 30p 5% 50V C0G
C653	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C655	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C656	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C658	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C666	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C668	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C681	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C682	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C700	0CC300CK41A	C1608C0G1H300JT 30p 5% 50V C0G
C701	0CC300CK41A	C1608C0G1H300JT 30p 5% 50V C0G
C703	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C704	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C705	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C706	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C708	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C709	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C710	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C711	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C713	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C714	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C715	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C717	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C721	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C723	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C724	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C725	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C727	0CC221CK41A	C1608C0G1H221JT 220p 5% 50V C0G
C728	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C729	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C730	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C731	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C732	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C733	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C734	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C735	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C736	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C737	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C738	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C739	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C740	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C741	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C742	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C743	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C744	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C745	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C746	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C747	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C748	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C749	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C750	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C751	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R

LOCA. NO	PART NO	DESCRIPTION
C752	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C753	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C754	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C755	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C756	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C757	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C758	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C759	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C760	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C761	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C762	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C763	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C764	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C765	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C766	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C767	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C768	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C769	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C770	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C771	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C772	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C773	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C774	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C775	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C776	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C800	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C803	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C805	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C810	0CC300CK41A	C1608C0G1H300JT 30p 5% 50V C0G
C811	0CC300CK41A	C1608C0G1H300JT 30p 5% 50V C0G
C812	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C813	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C814	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C815	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C816	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C817	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C818	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C819	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C820	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C821	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C822	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C823	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C824	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C825	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C826	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C828	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C829	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C830	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C831	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C832	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C833	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C834	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA

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LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C835	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA	C887	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C836	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA	C888	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C837	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA	C889	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C838	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA	C890	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C839	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA	C891	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C840	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA	C892	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C841	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C893	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C842	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C894	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C843	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C895	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C844	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C896	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C845	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C897	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C846	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C898	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C847	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C899	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C848	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C900	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C849	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C901	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C850	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C902	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C851	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA	C903	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C852	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C904	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C853	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA	C905	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C854	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C906	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C855	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C907	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C856	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C908	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C857	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C909	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C858	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C910	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C859	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C911	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C860	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C912	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C861	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C913	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C862	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C914	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C863	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C915	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C864	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C916	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C865	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C917	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C866	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C918	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C867	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C919	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C868	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R	C920	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C869	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C921	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C870	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C922	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C871	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C923	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C872	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R	C924	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C873	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C925	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C874	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C926	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C875	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C927	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C876	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C928	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C877	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C929	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C878	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C930	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C879	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C931	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C880	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C932	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C881	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C933	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C882	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C934	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C883	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C935	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C884	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA	C936	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C885	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C937	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C886	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R	C938	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyester CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible
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LOCA. NO	PART NO	DESCRIPTION
C939	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C940	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C941	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C942	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C945	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C946	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C947	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C948	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C949	0CK104CK56A	0603B104K500CT 100000p 10% 50V X7R
C950	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C951	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
C99	0CK103CK56A	0603B103K500CT 10000p 10% 50V X7R
R142	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
R564	0CK105CD56A	C1608X7R1A105KT 1000000p 10% 10V X7R
R565	0CK105CD56A	C1608X7R1A105KT 1000000p 10% 10V X7R
COIL & INDUCTOR		
L1000	6140VB0004B	Coil,ChokeLN-15A1 26uH
L1124	6140VB0004B	Coil,ChokeLN-15A1 26uH
L505	6140VB0004B	Coil,ChokeLN-15A1 26uH
L506	6140VB0004B	Coil,ChokeLN-15A1 26uH
L602	6140VB0004B	Coil,ChokeLN-15A1 26uH
L102	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L103	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L104	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L105	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L106	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L107	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L108	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L109	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L110	0LC1032101A	Inductor, FI-C3216-103KJT 10UH 10% - 50MA
L112	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L113	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L114	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L115	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L119	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L120	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L125	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L126	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L127	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L206	0LC0233002A	Inductor, FI-B2012-332KJT 3.3UH 10% - 50MA
L301	0LCTA00003A	Inductor, LEMC3225T6R8M 6.8UH 20% - 360MA
L303	0LC1032101A	Inductor, FI-C3216-103KJT 10UH 10% - 50MA
L305	0LCTA00003A	Inductor, LEMC3225T6R8M 6.8UH 20% - 360MA
L310	0LCTA00003A	Inductor, LEMC3225T6R8M 6.8UH 20% - 360MA
L311	0LCTA00003A	Inductor, LEMC3225T6R8M 6.8UH 20% - 360MA
L412	0LCML00020C	Inductor, MLI-201212-100K 10UH 10% - 15MA
L413	0LCML00020C	Inductor, MLI-201212-100K 10UH 10% - 15MA
L619	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
CONNECTOR & HARNESS		
C1	6631900012K	Harness, SMH250 SMH250 600mM 2.50MM 10P

LOCA. NO	PART NO	DESCRIPTION
C2	6631900027C	Harness, SMH250 SMH250 200mM 2.50MM 13P
C3	6631900050C	Harness, SMH200 SMH200 1200mM 2.00MM 10P
C4	6631900065B	Harness, SMH250 SMH250 200mM 2.50MM 12P
C5	6631900093A	Harness, 12505HS 12505HS 100mM 1.25MM 8P
C6	6631900097A	Harness, SMH250 110T/205T 350_500mM 2.50MM 3P
C7	6631900098A	Harness, SMH250 110T/205T 350_500mM 2.50MM 4P
C8	6631900099A	Harness, SMH250 SMP250 300mM 2.50MM 3P
C9	6631900100A	Harness, SMH250 SMP250 1000mM 2.50MM 4P
C10	6631900104C	Harness, SMH200 SMH250 300mM 2/2.5MM 12P
C11	6631900105A	Harness, SMH200 SMP250 150mM 2/2.5MM 12P
C12	6631T20033J	Harness, SMH200-4P SMH200-4P 300mM 2.00MM
C13	6631T39004D	Harness, 1-1123722-9 1-1123722-9 220mM
C14	6631V39013N	Harness, 1-1123722-8 1-1123722-8 900mM
CN401	6630G70017A	Conector,DSUBA02-0915-101 D-SUB 9P 2.54MM
JK500	6630G70016A	Conector,DSUBA03-7071-094 D-SUB 15P 2.29MM
JK601	6630G70017A	Conector,DSUBA02-0915-101 D-SUB 9P 2.54MM
P1301	6630VE00731	Conector,FFC/FPC/PIC10022HS-31A02 31P 1.00MM
P1302	6630VE00731	Conector,FFC/FPC/PIC10022HS-31A02 31P 1.00MM
P1303	6630VE00731	Conector,FFC/FPC/PIC10022HS-31A02 31P 1.00MM
P501	6630X60151A	Conector,FFC/FPC/PIC10008HR-31L 31P 1.00MM
P502	6630X60151A	Conector,FFC/FPC/PIC10008HR-31L 31P 1.00MM
P503	6630X60151A	Conector,FFC/FPC/PIC10008HR-31L 31P 1.00MM
RESISTOR		
AR100	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4
AR101	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4
AR102	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4
AR103	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4
AR104	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4
AR105	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4
AR106	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4
AR107	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4
AR108	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4
AR109	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4
AR110	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4
AR111	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4
AR1206	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4
AR1207	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4
AR1401	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR1402	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR1403	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR1404	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR1405	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR1406	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR248	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR249	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR250	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR2500	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR2501	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR2502	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR2503	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR2504	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4

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LOCA. NO	PART NO	DESCRIPTION
AR2505	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR2506	0RJ0000C687	RCA86TRJ0000 0OHM 5% 1/16W 4
AR2507	0RJ0000C687	RCA86TRJ0000 0OHM 5% 1/16W 4
AR2508	0RJ0000C687	RCA86TRJ0000 0OHM 5% 1/16W 4
AR2509	0RJ0000C687	RCA86TRJ0000 0OHM 5% 1/16W 4
AR251	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR252	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR253	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR254	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR255	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR350	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR351	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR352	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR353	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR354	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR355	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR378	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR379	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR380	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR381	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR382	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR383	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W 4
AR500	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR501	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR700	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR701	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR702	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR703	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR704	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR705	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR806	0RJ0512C687	RCA86TRJ51R0 51OHM 5% 1/16W 4
AR807	0RJ0512C687	RCA86TRJ51R0 51OHM 5% 1/16W 4
AR808	0RJ0512C687	RCA86TRJ51R0 51OHM 5% 1/16W 4
AR809	0RJ0512C687	RCA86TRJ51R0 51OHM 5% 1/16W 4
AR810	0RJ0512C687	RCA86TRJ51R0 51OHM 5% 1/16W 4
AR811	0RJ0512C687	RCA86TRJ51R0 51OHM 5% 1/16W 4
AR812	0RJ0512C687	RCA86TRJ51R0 51OHM 5% 1/16W 4
AR813	0RJ0512C687	RCA86TRJ51R0 51OHM 5% 1/16W 4
AR814	0RJ0512C687	RCA86TRJ51R0 51OHM 5% 1/16W 4
AR815	0RJ0512C687	RCA86TRJ51R0 51OHM 5% 1/16W 4
AR816	0RJ0512C687	RCA86TRJ51R0 51OHM 5% 1/16W 4
AR817	0RJ0512C687	RCA86TRJ51R0 51OHM 5% 1/16W 4
R222	ORD0331H609	RD-92T1J3R30 3300MOHM 5% 1/2W
LED		
D1003	ODL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.8V 30mA
LD101	ODLAU0410AA	SAW5670 ROUND 5mM AMBER/WHITE MILKY
LED300	ODL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.8V 30mA
LED500	ODL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.8V 30mA
LED501	ODL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.8V 30mA
LED502	ODL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.8V 30mA

LOCA. NO	PART NO	DESCRIPTION
SWITCH		
SW100	6600VR1004A	Tact, SKHMPWE010 1C1P 12VDC 0.05A
SW101	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW102	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW103	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW104	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW105	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW106	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW107	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW108	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW700	6600VR1004A	Tact, SKHMPWE010 1C1P 12VDC 0.05A
SW800	6600VR1004A	Tact, SKHMPWE010 1C1P 12VDC 0.05A
FILTER & CRYSTAL		
AR2500	6210TCE002B	HB-4M3216-121JT 120OHM 3.2X1.6X1.3MM
AR2501	6210TCE002B	HB-4M3216-121JT 120OHM 3.2X1.6X1.3MM
AR2502	6210TCE002B	HB-4M3216-121JT 120OHM 3.2X1.6X1.3MM
AR2503	6210TCE002B	HB-4M3216-121JT 120OHM 3.2X1.6X1.3MM
AR2504	6210TCE002B	HB-4M3216-121JT 120OHM 3.2X1.6X1.3MM
AR2505	6210TCE002B	HB-4M3216-121JT 120OHM 3.2X1.6X1.3MM
L100	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3MM
L100	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1001	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1002	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1003	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1004	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1005	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1006	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1008	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L101	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3MM
L101	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1010	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1011	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1012	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1013	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1014	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1015	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1016	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1017	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1018	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1019	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L102	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3MM
L1020	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1021	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1022	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1023	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1024	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1025	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1026	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L1028	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L104	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3MM

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

LOCA. NO	PART NO	DESCRIPTION
L514	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3MM
L516	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3MM
L517	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X1.6X1.3MM
L601	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L603	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L604	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L604	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L606	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L607	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L609	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L610	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L612	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L616	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L617	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L618	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L620	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L623	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L624	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L898	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L899	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L901	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
L902	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2X1.6X1.6mM
R1373	6210TCE0013	HB-1M1608-121JT 120OHM 1.6X0.8X0.8MM
R1376	6210TCE0013	HB-1M1608-121JT 120OHM 1.6X0.8X0.8MM
R1379	6210TCE0013	HB-1M1608-121JT 120OHM 1.6X0.8X0.8MM
T1002	6200JB8008S	SCR470R500 EMI - 47p - SMD TP
X100	6212AA2998A	Crystal, HLX-308 32.768MHZ 10PPM 32.768MHZ
X101	6202TST001H	Crystal, SX-1 27MHZ 30PPM 27MHZ 30PPM 20p
X1200	6202TST001H	Crystal, SX-1 27MHZ 30PPM 27MHZ 30PPM 20p
X2500	6202TST001H	Crystal, SX-1 27MHZ 30PPM 27MHZ 30PPM 20p
X402	6202VDT002H	Crystal, SX-1 18.432MHZ 30PPM 18.432MHZ
X700	6212AB2015G	Crystal, HC-49/S19.6608MHZ 30PPM 19.6608MHZ
X800	6212AB2015G	Crystal, HC-49/S19.6608MHZ 30PPM 19.6608MHZ
X300	166-E02F	Ceramic, CSBLA500KECZF09-B0 500KHZ 2KHz
JACK		
J1	6612J10031B	RCA, PMJ6054-39 14.0MM 1RX3C
J2	6612J10034A	Complex, PMJ030-03 19P DIN/RCA 14MM
JK1	6612BBBHN4D	Fiber Optic ,TOTX177 3P TX 2.54MM ANGLE
JK101	6612J10003V	RCA, PMJ029-06 14.0MM 1RX4C
JK101	6612M00010A	Scart, PSC003-01 21P 21P/1C 3.81MM
JK102	6612M00010A	Scart, PSC003-01 21P 21P/1C 3.81MM
JK103	6612M00010A	Scart, PSC003-01 21P 21P/1C 3.81MM
JK1200	6612B00015B	DIN, DC1R019WDH SOCKET 21P
JK2500	6612B00015B	DIN, DC1R019WDH SOCKET 21P
JK5	6612F00099A	Phone, PEJ024-01 1P 4P STRAIGHT
JK6	6612F00099A	Phone, PEJ024-01 1P 4P STRAIGHT
JK7	6612F00099A	Phone, PEJ024-01 1P 4P STRAIGHT
WAFER		
CN500	6602T25008L	Conector,Wafer SMW250-12P 12P 2.50MM
CW1	366-036B	Conector,Wafer 53014-1210 12P 2.00MM

LOCA. NO	PART NO	DESCRIPTION
CW2	366-036B	Conector,Wafer 53014-1210 12P 2.00MM
P1	6602T20009C	Conector,Wafer SMAW200-04P 4P 2.00MM
P1	6630V90142A	Conector,Wafer 6P 2.54MM 2R ANGLE DIP
P100	6602T20009C	Conector,Wafer SMAW200-04P 4P 2.00MM
P100	6602T20009J	Conector,Wafer SMAW200-10P 10P 2.00MM
P1001	6602T12004G	Conector,Wafer 12505WS-08A00 8P 1.25MM
P101	6602T20009C	Conector,Wafer SMAW200-04P 4P 2.00MM
P101	6602T20009L	Conector,Wafer SMAW200-12P 12P 2.00MM
P1311	6602T20008J	Conector,Wafer SMW200-10P 10P 2.00MM
P201	6602T12004G	Conector,Wafer 12505WS-08A00 8P 1.25MM
P401	6602T25009C	Conector,Wafer SMAW250-04P 4P 2.50MM
P402	6602T25009B	Conector,Wafer SMAW250-03P 3P 2.50MM
P500	6602T25008M	Conector,Wafer SMW250-13P 13P 2.50MM
P601	6602T25009J	Conector,Wafer SMAW250-10P 10P 2.50MM
P602	6602T20009L	Conector,Wafer SMAW200-12P 12P 2.00MM
P803	6602T12007D	Conector,Wafer GT121-31P-TD 31P 1.25MM
CN302	6630VE01269	CONNECTOR (CIRC),WAFER 91932-31169LF 1.0MM
MISCELLANEOUS		
CA1	6631V10008A	Cable,FFC 31Px50xP7x1.0x(0.1x0.65)AL-PET
CA2	6850J00005C	Cable,Assembly GT121 HOUSING GT121 0.6M
CA3	6852TAZ007C	Cable,Assembly KCA-NS-0-0044 1.5M
CA4	6852TAZ012X	CABLE,COAXIAL COAXIAL,LINK S/T-S/T 500MM
IC201	692791120AC	S/W,Firmware V3.00 186E ENGLAND
IC703	692791151AC	S/W,Firmware V2.00 ENGLAND
IC900	692791121AC	S/W,Firmware V2.04 424C ENGLAND
JK606	68719SMJ52A	PCB Assembly,Sub M.I PD61A SUB SPDIF
PA101	6712000011B	Receiver Module, KSM-2013TE2A 4.5TO5.5V
TU201	6700MF0012C	Tuner,Tuner/Modulator TAFM-W103P LGIT MULTI
TU300	6700DF0002A	Tuner,Digital TDFB-G236P DVB-T(COFSM)
ACCESSORIES		
A1	38289U0524B	Manual, 151Y-TX 4 COLOR USER PD61A EN
A2	6710V00151Y	Remote Controller, 42PC1D(I-DTV) ENGLAND
A3	6410TBW001B	Power Cord, SP60+IS14,H05VV-F
A4	4972V00178B	Supporter, WALL FOLDING STAND ONLY



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