



**LG**

website:<http://biz.LGservice.com>  
e-mail:<http://www.LGEservice.com/techsup.html>

# **DLP PROJECTOR SERVICE MANUAL**

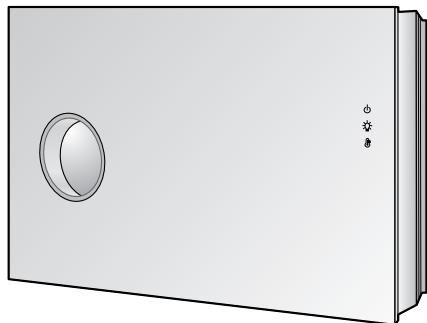
**CHASSIS : RE-058A**

**MODEL : AN110B AN110W**

**AN110B-JD AN110W-JD**

**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  $\Delta$  in the Schematic Diagram and Replacement Parts List.  
It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent X-RADIATION, Shock, Fire, or other Hazards.  
Do not modify the original design without permission of manufacturer.

### General Guidance

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

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

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

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

Keep wires away from high voltage or high temperature parts.

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

### X-RAY Radiation

#### Warning:

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

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

Adjust brightness, color, contrast controls to minimum.

Measure the high voltage.

The meter reading should indicate

$23.5 \pm 1.5\text{KV}$ : 14-19 inch,  $26 \pm 1.5\text{KV}$ : 19-21 inch,  
 $29.0 \pm 1.5\text{KV}$ : 25-29 inch,  $30.0 \pm 1.5\text{KV}$ : 32 inch

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

### Before returning the receiver to the customer,

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

#### Leakage Current Cold Check(Antenna Cold Check)

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

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

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

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

#### Leakage Current Hot Check (See below Figure)

Plug the AC cord directly into the AC outlet.

#### Do not use a line Isolation Transformer during this check.

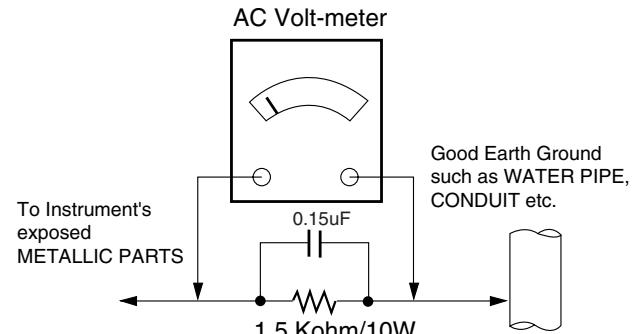
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.

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

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

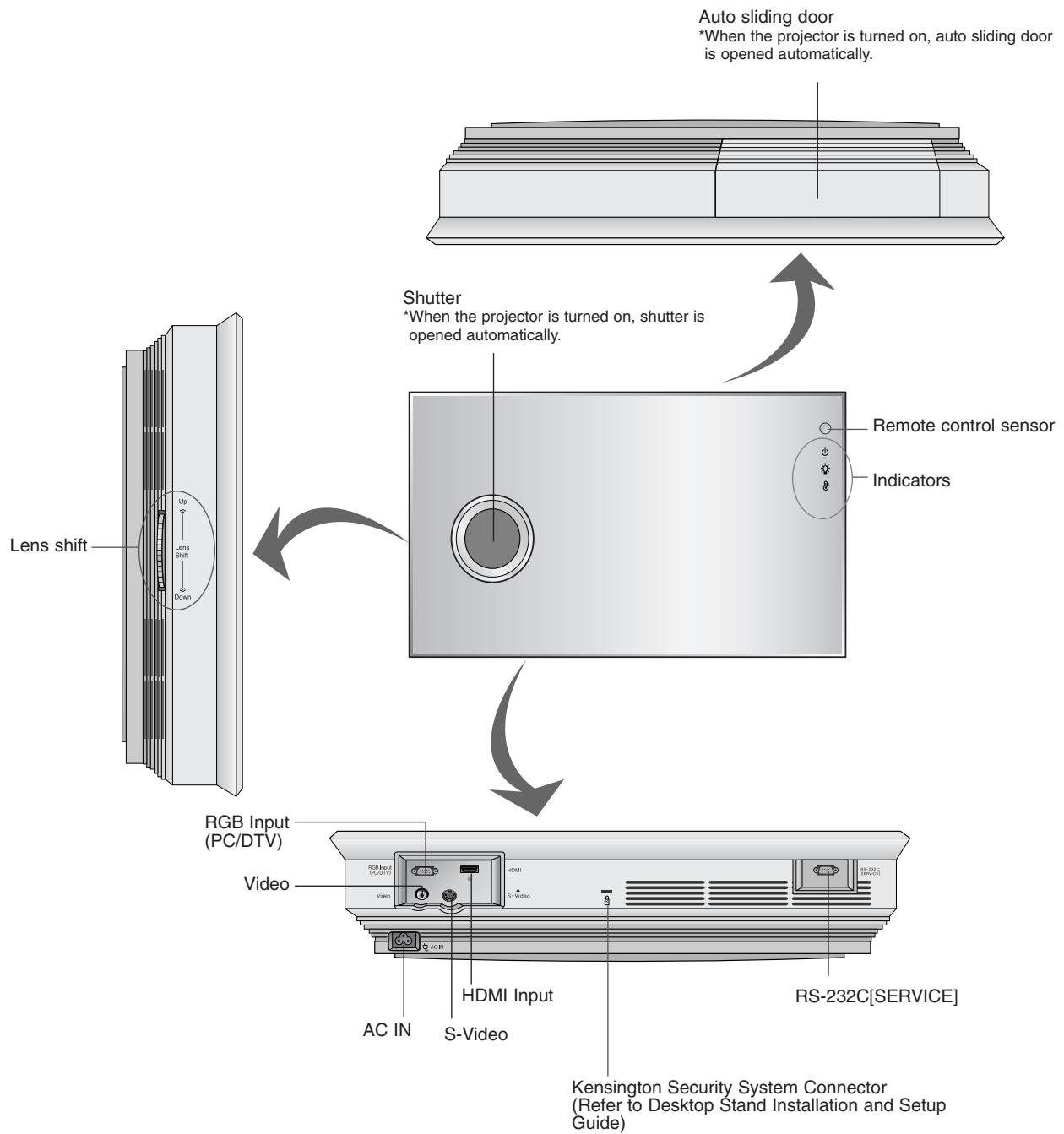
#### Leakage Current Hot Check circuit



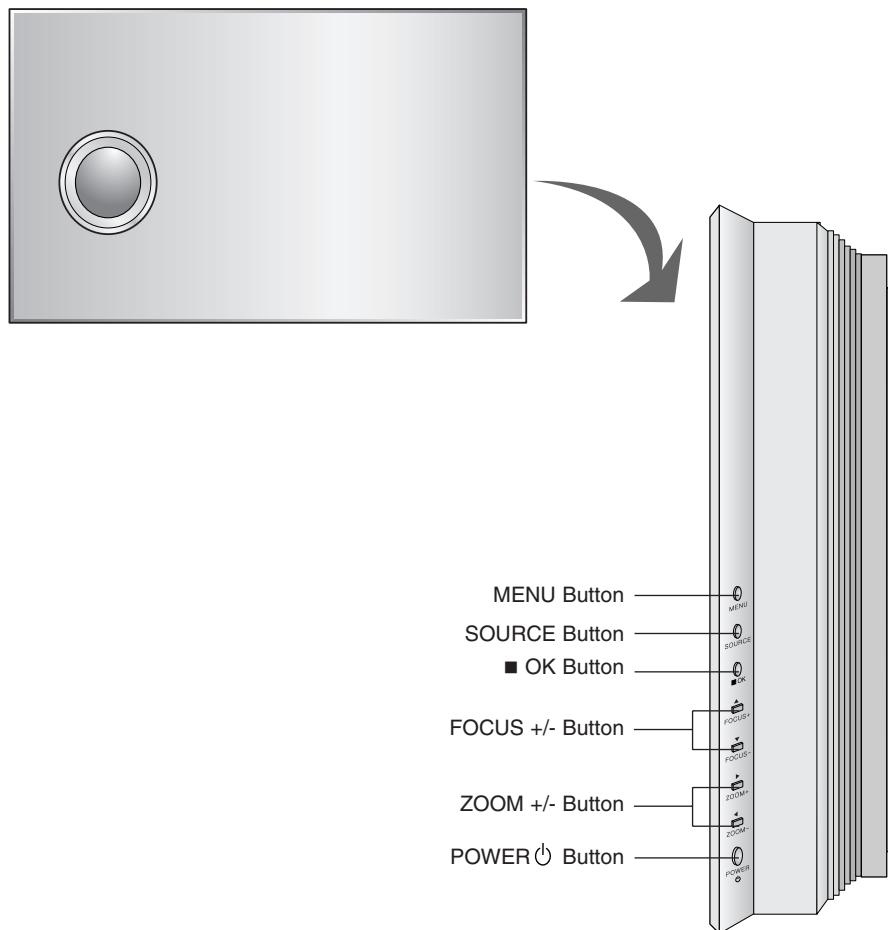
# CONTROL DESCRIPTIONS

## Main Body

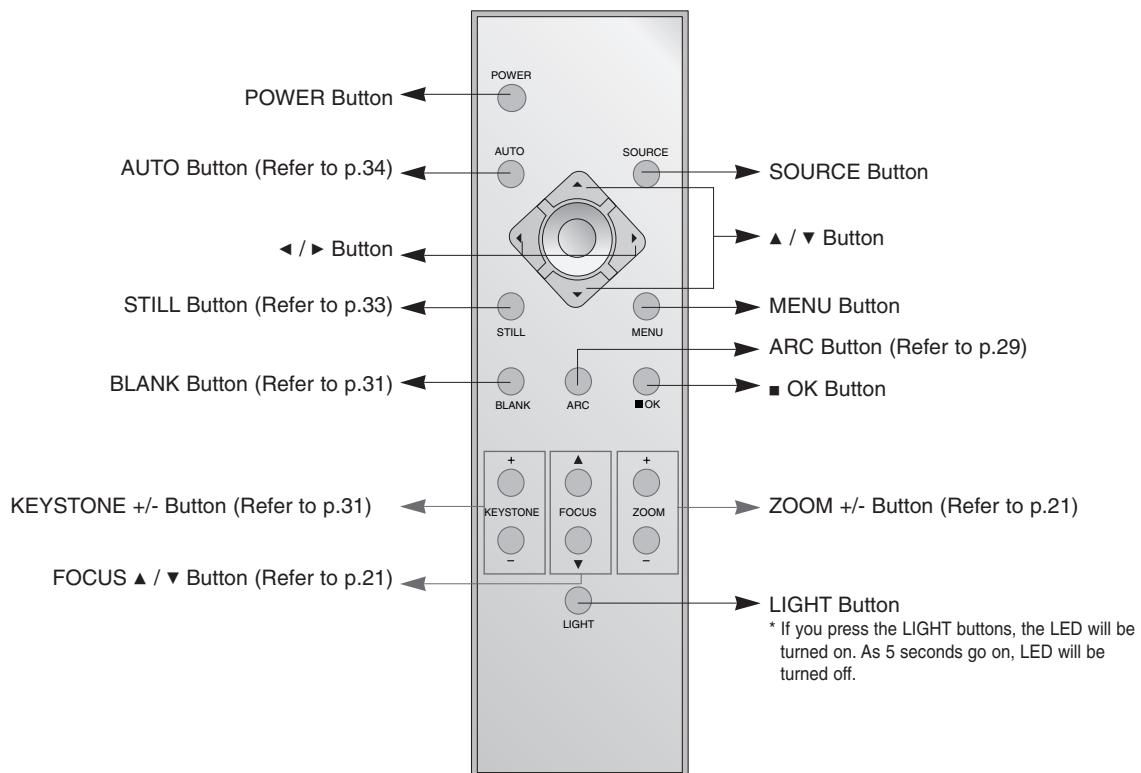
\* The projector is manufactured using high-precision technology. You may, however, see on the Projector screen tiny black points and/or bright points (red, blue, or green). This can be a normal result of the manufacturing process and does not always indicate a malfunction.



## Control Panel



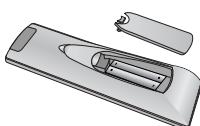
## Remote Control



## Installing Batteries

### CAUTION

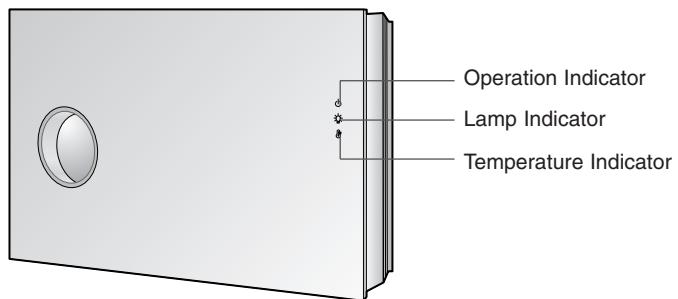
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.  
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.



- Open the battery compartment cover on the back of the remote control and insert the batteries with correct polarity, match "+" with "+", and match "-" with "-".
- Install two 1.5V "AAA" batteries.  
Don't mix used batteries with new batteries.

## Projector Status Indicators

\* Lamp Indicator, operation indicator and temperature indicator at the top of the projector show the user the operating status of the projector.



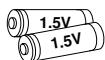
Operation Indicator	Orange	Standby.
	Green(flapping)	Lamp cooling until the lamp turn on.
	Green	On operation. (Turn on the lamp)
	Orange(flapping)	Projector lamp is cooling as power out (2 minutes)
	Off	Power off.
Lamp Indicator	Red	Projector lamp is reaching the end of its life and needs to be replaced with a new lamp. (over 4000 hours) The OSD, "Replace the Lamp" is displayed 5 seconds from the first power on.
	Red(flapping)	The projector has trouble in the lamp or around it at power-on. Retry Power On again later. If lamp indicator is red (flapping) again, contact a service center.
	Green(flapping)	The lamp cover is not closed.
	Orange(flapping)	It's state of not opening well the door or shutter. Contact a service center.
Temperature Indicator	Orange	This projector is in high temperature. Turn the power of projector off and check the ventilator.
	Red	The projector is turned off as its high temperature.
	Red (flapping)	Power has turned off due to problem with the internal cooling fan. Contact a service center.

\* If operation indicator is red, it's state of checking the closed door or shutter.

## Accessories



Remote Control



2 Batteries (size AAA)



Power Cord



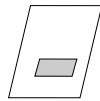
Video Cable



Computer Cable



RCA to D-Sub Adaptor



Operating guide



Wall mounting bracket

\* Bolt and anchor are included in the wall bracket.

## Optional Extras

- \* Contact your dealer to purchase these items.
- \* Contact your service personnel for replacing a new lamp.
- \* Projector lamp is reaching the end of its life and needs to be replaced with a new lamp.



Projection Screen



Lamp



Desktop Stand



SCART to RCA jack (option)



S-Video Cable



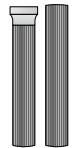
HDMI Cable



HDMI to DVI Cable



RS-232C Cable



Cable Cover

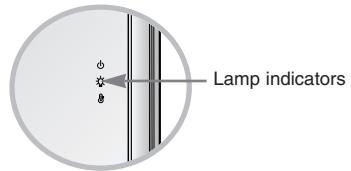
# REPLACING OF LAMP

## Last of Lamp unit replacement

The projector lamp usually lasts for about 4000 hours. You can see the used lamp time in the Selecting Function section. You must replace the lamp when:

- The projected image gets darker or starts to be deteriorated.
- The lamp indicator is red.
- The message "Replace The lamp" appears on the screen when turning the projector lamp on.

<Front panel of the Projector>



## Be careful when replacing lamp

- Press the POWER button on the control panel or remote control to cut off the power.
- If the operation indicator LED is orange and blinking, do not disconnect the mains supply until the operation indicator LED is lit up constantly (orange).
- Allow the lamp to cool for 1 hour before replacing it.
- Replace only with the same type lamp from a LG Electronics Service Center using and other lamp may cause damage to the Projector and lamp.
- Pull out the lamp only when replacing the lamp.
- Keep the lamp unit out of reach of children or and heat sources such as radiators, stoves.
- To reduce the risk of fire, lamp shall not be exposed to liquids or foreign material.
- Do not place the lamp near any heat source.
- Make sure the new lamp is securely tightened with screws. If not, the image may be dark or there could be a risk of fire.
- Never touch the lamp unit glass or otherwise image quality may be worse or lamp life may be reduced.

## To obtain a replacement Lamp unit

Lamp model number is on page 47. Check the lamp model and then purchase it at LG Electronics Service Center. Using other lamp may cause damage to the projector.

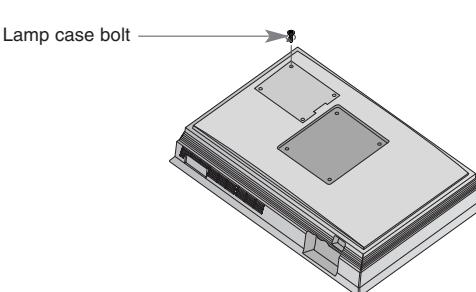
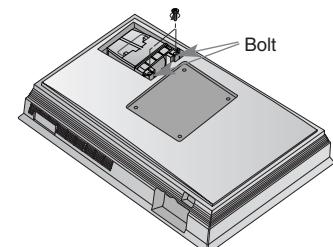
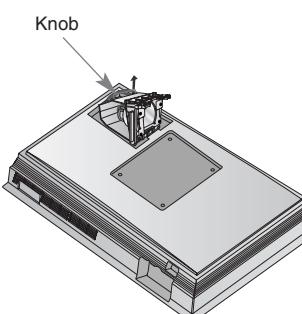
## Lamp unit disposal

Dispose of the used lamp by returning it to the LG electronic service center.

## \* Checking and Initiating the Lamp time

- 1) Turn the power on and in normal mode , press the Enter key of the set and Enter key of the remote control for more than 5secs at the same time.
- 2) Press the OK key to reset the lamp time and the press Menu key to exit.

## Replacing the Lamp

- 1 Turn off the projector and unplug the power cable.  
Carefully place the lens side down on a cushioned surface that will protect the lens from damage.
- (Allow the lamp to cool for 1 hour before replacing it.)
- 2 Remove the two retaining screws on the lamp cover with a screwdriver or similar objects and then lift off the lamp cover.
- 
- 3 After lifting the lamp cover off, remove the two retaining screws on the lamp case with a screwdriver or similar objects.
- 
- 4 Lift up the fixed wire knob on the lamp.
- 
- 5 Pull out the handle slowly and remove the lamp case.
- 6 Insert the new lamp gently into the correct position.  
Make sure it is inserted correctly.
- 7 Tighten the screws you removed in step 3.
- (Make sure it is fixed hardly.)
- 8 Replace the lamp cover and tighten the cover screws.

(If the lamp cover is open, the lamp indicator flashes green and the projector is not turned on.)

### Note!

Using and other lamp may cause damage to the projector or lamp.

Make sure the lamp cover is securely fastened. If the lamp cover is open, and the projector is not turned on. In this case, contact your service center after checking the lamp to fix well.

# SPECIFICATIONS

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

## ■ Scope

This standard can be applied to the DLP Projector(chassis : RE-058A) related to AN110B/W-JD Model.

## ■ Test Condition

- 1) Temperature :  $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$  (Only CST is  $40^{\circ}\text{C} \pm 2^{\circ}\text{C}$  )
- 2) Relative Humidity:  $65 \pm 10\%$
- 3) Power Voltage: Standard input voltage (100-240V~, 50/60Hz)
- 4) Use only parts designated in B.O.M.,PARTS SPEC.,or drawings.
- 5) Follow each drawing or spec for spec and performance of parts,based upon P/N of B.O.M
- 6) Warm up projector for more than 30min. before the measurement.

## ■ Test and Inspection Method

- 1) performance:Follow the Standard of LG TV test
- 2) RCA JACK performance: Follow the standard of LG
- 3) Standards of extra requirement  
SAFETY:CB(EN55013), Electric wave:CE(EN55020)

## ■ General Specification

No.	Item	Specification				Remark
		Min	Typ	Max	Unit	
1	Video input applicable system	NTSC M				3.579545 / 60Hz
		NTSC 4.43				4.433618 / 60Hz
		PAL				4.433618 / 50Hz
		PAL M				3.575611 / 60Hz
		PAL N				3.582056 / 50Hz
		SECAM				4.286 / 50Hz
		NTSC-PB				4.433618 / 60Hz
2	Power	SMPS				
3	Input Voltage	100V(-10%) - 240(+6%)V~, 50/60Hz				
4	Market	World wide				
5	Screen size	16:9/ 4:3				
6	Aspect ratio	16:9				
7	Operating Temperature	0		40	deg	
8	Operating Humidity			85	%	
9	Storage Temperature	-20		60	deg	
10	Storage Humidity			85	%	

**■ Feature and function**

No.	Item	Specification				Remark		
		Min	Typ	Max	Unit			
1	REMOCON	NEC Code						
2	DVI Input	1	Digital RGB		DVI-D			
3	RGB Input	1	Separate		D-Sub 15 pin			
4	Component input	1	Y, P <sub>B</sub> , P <sub>R</sub> 480i, 480p, 720p, 1080i, 576i, 576p		D-Sub 15 pin			
5	Composite input	1	480i, 576i		RCA jack(Yellow)			
6	S-video input	1	480i, 576i		S-VIDEO jack			
7	RS232C Port	1			RS232 jack(only for Download)			
8	Local Key	Menu, Source, Enter, Focus+/-, Zoom+/-, Power						
9	Picture, Gamma	\Normal/ Film/ Sports						
10	Picture, User Control	Contrast/ Brightness/ Color/ Tint/ Sharpness						
11	ACC	Normal/ Warm/ Cool						
12	Display mode	Full/ 16:9 / 4:3/ Zoom1/ Zoom2						
13	Sound	No						
14	OSD Language	Korean/ English/ Deutsche/ Italian/ Espanol / Chinese/ France/ Swedish						

# ADJUSTMENT INSTRUCTION

## 1. Application Object

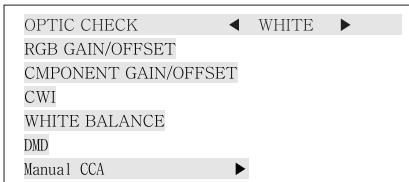
This instruction is for the application to the DLP Projector (Chassis : RE-058A).

## 2. Notes

- (1) The power source insulation of this DLP Projector is not charging type and you may not use the transformer for isolation. It is advised to use an isolation transformer between the power supply cable and power input of the set to protect the test equipment.
- (2) The adjustment must be performed under the correct sequence.
- (3) The adjustment must be performed under conditions of  $25\pm5^{\circ}\text{C}$  of temperature and  $65\% \text{ relative humidity}$ .
- (4) The input voltage of the projector must remain at  $110V\sim, 60Hz$  during adjustment.
- (5) The set must be on for 5 minutes prior to any adjustment.  
After receiving possible 100% white pattern, it is ready for adjustment.

## 3. Components of adjustment mode

- 1) Pressing the adjust key on the service remote control will open or close the service menu.
- 2) Components of adjustment mode : In pressing early Adjust showing screen set



<Fig.1> OSD of Adjustment Mode

- 3) As shown <Fig.1>, use the CH+ ( $\blacktriangle$ ), CH- ( $\blacktriangledown$ ) key to select item, press the ENTER or VOLUME key to enter the item you wish to adjust.
- 4) Press the ADJ key to exit the service menu.
- 5) Preparation for Adjustment
  - a. Power is connected in set to be power on.
  - b. Execute heat run over 5minutes.

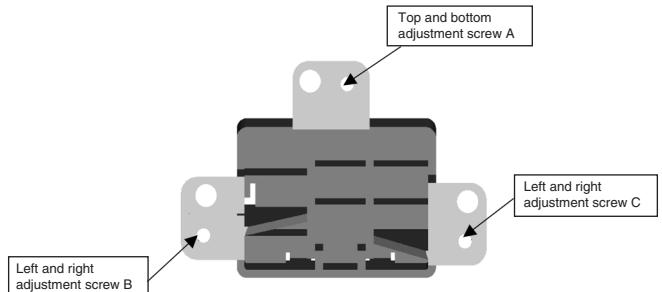
## 4. Folding Mirror Adjustment

### 4-1. Illuminator Adjustment Sequence

After placing the optical engine on the JIG, check the mirrors have correct vertical alignment.

Check with full white screen and make adjustments in the following sequence.

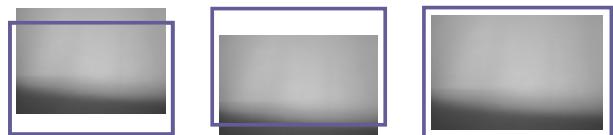
1



<Fig.2> Illuminator Adjustment Part by Folding Mirror

#### (1) Up and Down Adjustment

- 1) Turn screw (A) up / down adjustment to the right and mark where the image is aligned.
- 2) Turn screw (A) up / down adjustment to the left and mark where the image is aligned.
- 3) Turn screw (A) up / down adjustment to the right / left and mark where the image is aligned. Fix the adjustment screw in position.



Step 1

Step 2

Step 3

<Fig.3> Illuminator up / down Adjustment Sequence

#### (2) Left and Right Adjustment 1

- 1) Turn screw (B) Left / Right adjustment to the right and mark where the image is aligned.
- 2) Turn screw (B) Left / Right adjustment to the left and mark where the image is aligned.
- 3) Turn screw (B) Left / Right adjustment to the right / left and mark where the image is aligned. Fix the adjustment screw in position.



Step 1

Step 2

Step 3

<Fig.4> Illuminator Left/Right Adjustment Sequence 1

#### (3) Left and Right Adjustment 2

- 1) Turn screw (C) up / down adjustment to the right and mark where the image is aligned.
- 2) Turn screw (C) up / down adjustment to the left and mark where the image is aligned.
- 3) Turn screw (C) up / down adjustment to the right / left and mark where the image is aligned. Fix the adjustment screw in position.



Step 1

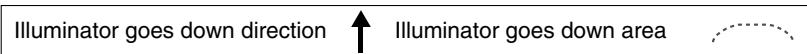
Step 2

Step 3

&lt;Fig.5&gt; Illuminator Left/Right Adjustment Sequence 2

**(4) Final Adjustment**

Fix the adjustment screw in position. (1), (2), (3) adjustment twice and find the optimum position. Check the image with the naked eye for optimum alignment.

**4-2. Illuminator Phenomenon Adjustment**

Adjustment part	Screw direction	Screen state		Description
		Initial state	State after adjusting	
Up/down screw A	Right (tighten direction)			At first, upside illuminator goes down and right illuminator also goes down in detail.
	Left (loosen direction)			At first, downside illuminator goes down and left illuminator also goes down.
left/right screw B	Right (tighten direction)			At first, left illuminator goes down and downside illuminator also goes down.
	Left (loosen direction)			At first, right illuminator goes down and upside illuminator also goes down.
left/right screw C	Right (tighten direction)			At first, left illuminator goes down and downside illuminator also goes down.
	Left (loosen direction)			At first, right illuminator goes down and upside illuminator also goes down.

&lt;Fig.6&gt;

## 5. Caution for DMD (Digital Micro-mirror Device)

### 5-1. Caution for DMD ESD

- (1) Use proper grounding to prevent a damage of ESD (Electrostatic Discharge) when handing the DMD.
- (2) Wear a wrist strap to connect ESD grounding protection.
- (3) Connect the ESD ground to workstation with an electric conductor.
- (4) Protect the DMD during and after removal from ESD. Store it with a static free storage device. Use ESD protection when handling the DMD Assy.
- (5) Put on gloves for preventing static electricity.
- (6) All work is done at static free location. Attach the tape or remove a dust on the DMD front or DMD back pin

### 5-2. Use Caution cleaning DMD

- (1) Follow the procedure and use caution to prevent the screen from being scratched.
- (2) When DMD glass collects dust, clean the front and back DMD glass with soft cloth. Then, do it again after rotating 180 degree the DMD. If necessary, keep under observation.
- (3) Don't clean the DMD with the high pressure. The static electricity and pressure will damage the DMD.

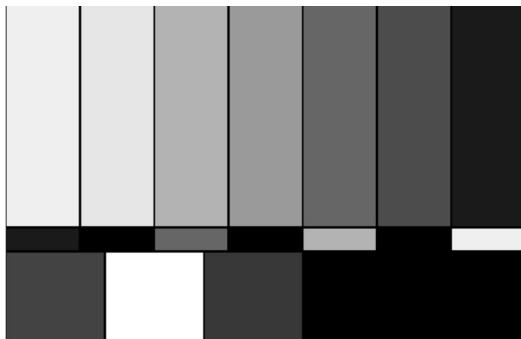
## 6. RGB Gain/Offset Adjustment

### 6-1. Required Test Equipment

- (1) PC Pattern Generator 1EA
- (2) Remote control for user 1EA
- (3) Remote control for adjustment 1EA

### 6-2. Sequence for Adjustment

- (1) Power on the Set.
- (2) Press the Input selection key on the remote control for user to select the RGB input.
- (3) Insert A-PC(D-sub) output Jack to SET.
- (4) Set the mode and pattern of Pattern generator as below
  - MODE : 1024 x 768, 60Hz (XGA, 60Hz)
  - Pattern : 70% SMPTE Color Bar pattern



<Fig.7> SMPTE Color Bar pattern

- (5) Automatic adjustment : Press the adjust Key on the service remote control to select "RGB GAIN/OFF SET". Press the Enter key to select "AUTO Gain SET" and press the Enter key.

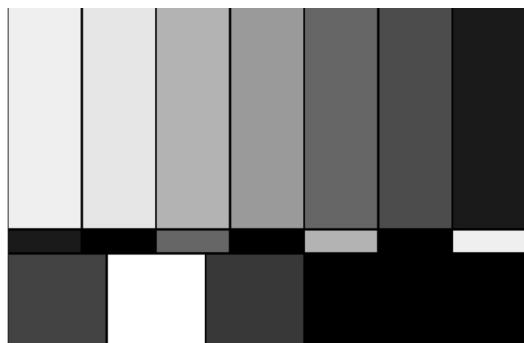
## 7. Component Gain/Offset adjustment

### 7-1. Required Test Equipment

- (1) PC Pattern Generator 1EA
- (2) Remote control for user 1EA
- (3) Remote control for adjustment 1EA

### 7-2. Sequence for Adjustment

- (1) Power on the Set.
- (2) Press the Input selection key on the remote control for user to select the Component input.
- (3) Connect component output Jack(component to D-sub jack) to the projector.
- (4) Set the mode and pattern of Pattern generator as below
  - MODE : 1280 x 720, 60Hz (720P, 60Hz)
  - Pattern : 70% SMPTE Color Bar pattern



<Fig.8> SMPTE Color Bar pattern

- (5) Automatic adjustment : Press the adjust Key on the service remote control to select "COMPONENT GAIN/OFF SET". Press the Enter key to select "AUTO Gain SET" and press the Enter key.

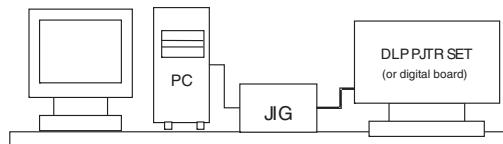
## 8. EDID Data input

### 8-1. Required Test Equipment

- (1) PC, DDC adjustment Jig(PC serial to D-sub connection machinery)
- (2) DDC record S/W (EDID Data Write & Read)
- (3) D-sub terminal

### 8-2. Preparation for adjustment & setting of the device

- (1) Connect the equipment as [Fig.9], Turn on PC and JIG
- (2) Check communication with S/W(EDID Data Write & Read)



<Fig. 9> Device setting diagram for EDID data input

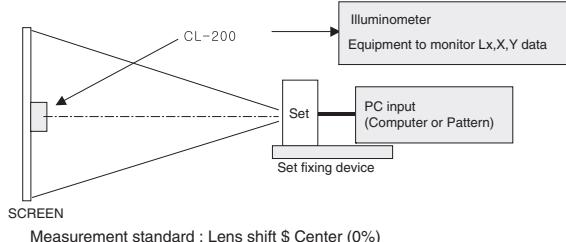
## 9. CWI/White Balance Measurement Condition

- (1) CWI and White Balance is adjusted using the measurement of color coordinate. So periodically adjust within time set and you should provide the replacement equipment to use the correction.
- (2) Adjust the screen size to a minimum of 40 inches.
- (3) Place the CL-200 on the center of projection screen.
- (4) Make the measurement condition under 1Lux for CL-200 to measure the correct color coordinate.

## 10. CWI Adjustment

### 10-1. Setting of the Device

: Set the equipment as <Fig.10>.



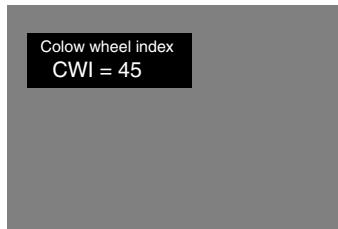
<Fig.10> Device setting diagram for CWI adjustment

### 10-2. Required Test Equipment

- (1) Illuminometer (Model : CL-200) 1EA : Chromaticity measurement from projection screen center.
- (2) PC input equipment (Pattern Generator, PC)
- (3) Set fixing device 1EA
- (4) Remote control for adjustment 1EA

### 10-3. Preparation for Adjustment

- (1) Connect the power cord and turn the set on, then connect it to a PC input.
- (2) Enter the CWI menu by using the Adjust key on the remote control for adjustment. (Default value : 45)
- (3) After entering CWI, a full red screen will display when selecting "EXIT". At this time, see the value of the Illuminometer color coordinates(X,Y) on the center.



<Fig.11> TEST pattern (RED pattern)

### 10-4. Sequence of Adjustment

- (1) Adjust CWI to the left/right value by using the volume keys at the first adjustment value is preset to 330.
- (2) Illuminometer color coordinates change when pressing volume keys.

(3) X coordinates usually get maximum value at  $X=0.637\pm 0.02$  and Y coordinates usually get minimum value at  $Y=0.350\pm 0.02$ . Adjust this value by pressing volume button on the remote control. Adjustment range is usually 330~340 and average value is 335.

(4) Check the red pattern whether it is entirely uniform. If it is uniform, exit by pressing the ENTER key after pressing the EXIT key(FULL-RED disappear).

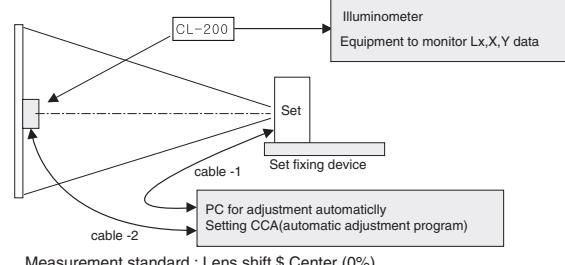
## 11. White Balance Adjustment

### 11-1. Required Test Equipment

- (1) Illuminometer (Model : CL-200) 1EA : Chromaticity measurement from projection screen center
- (2) Pattern Generator (DVI input)
- (3) Set fixing device 1EA
- (4) Remote control 1EA

### 11-2. Equipment Composition

- Compose the equipment as <Fig. 12>

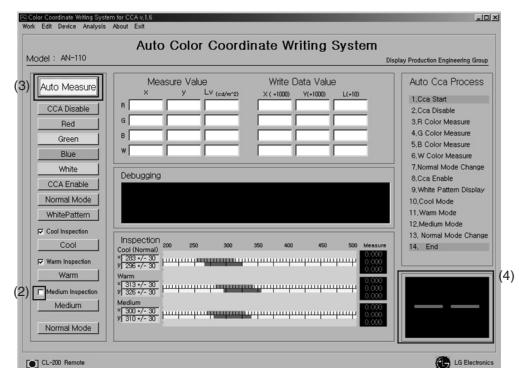


<Fig.12> Device setting diagram

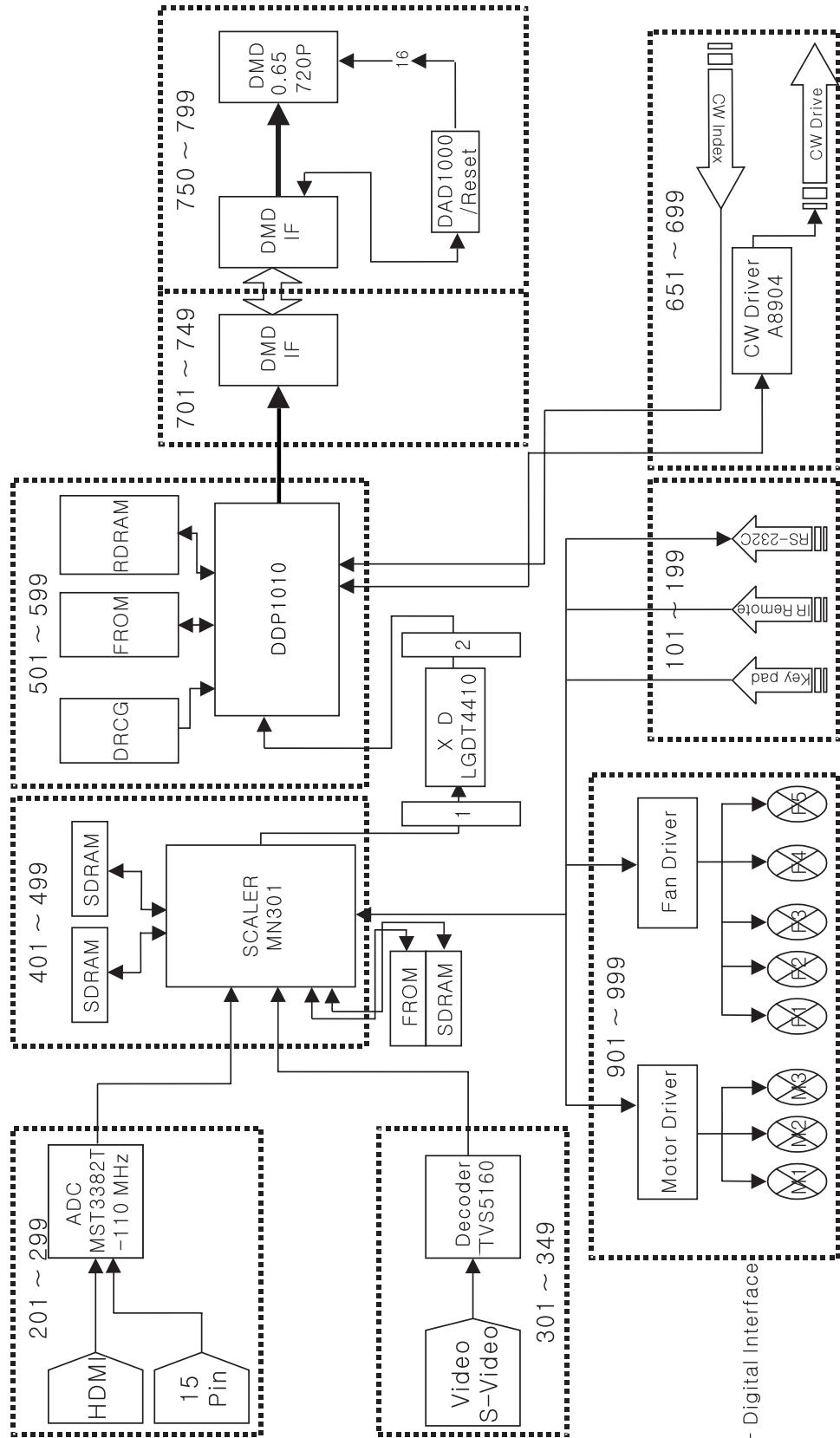
- Cable-1 : RS-232 CABLE that connect RS-232 JACK of AN110(SET) with COM1-port(RS-232) of PC
- Cable-2 : CL-200 Cable that connect D-out of CL-200 with COM2-port (RS232) of PC.

### 11-3. Sequence of Adjustment

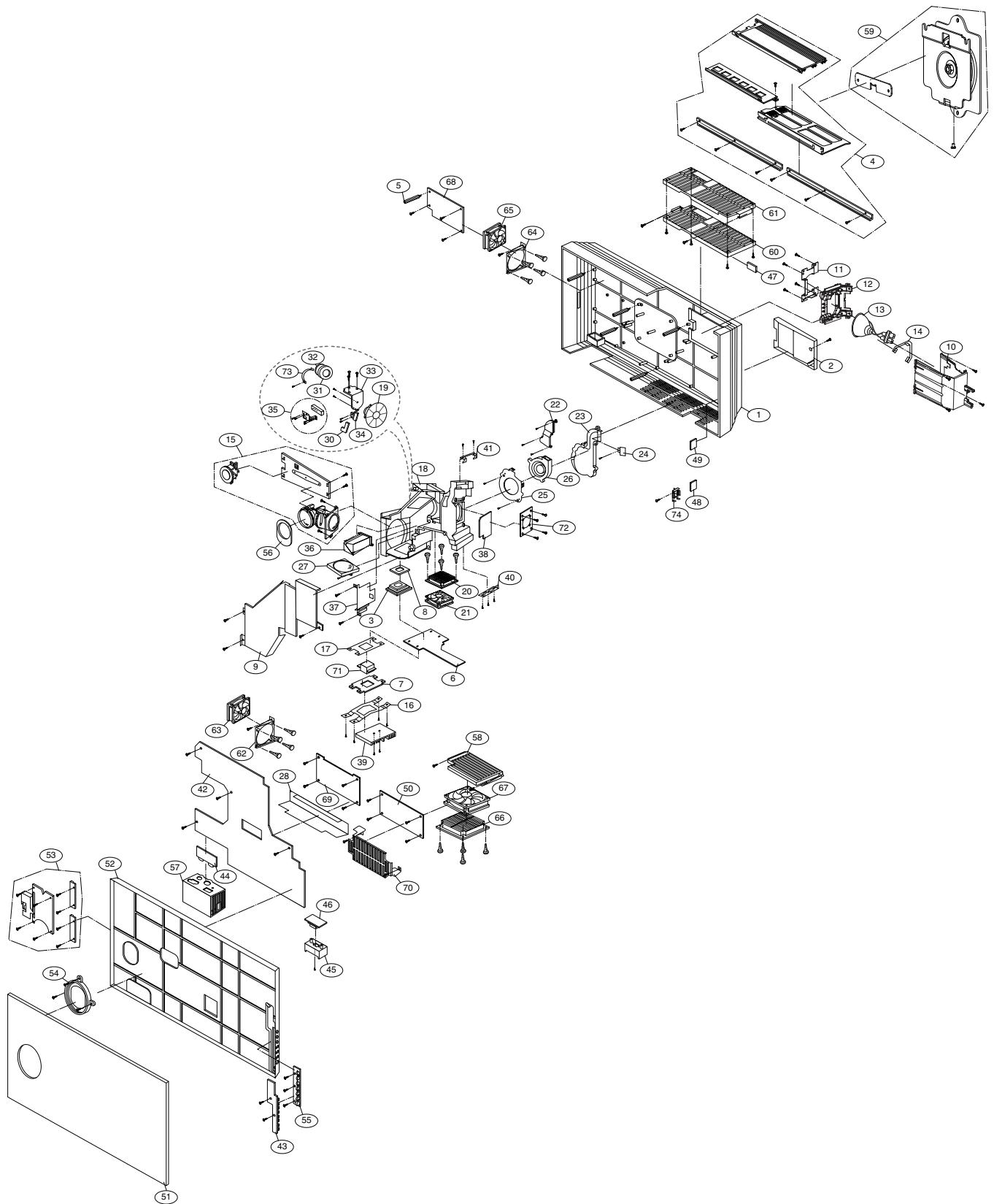
- (1) After connecting as above, execute "CCA.exe" program at PC for adjustment.
- (2) When program is executed, un-check the "Medium inspection".
- (3) Click the Auto Measure then white balance is adjusted automatically.
- (4) If adjustment is completed, it is displayed "OK" on window.



# BLOCK DIAGRAM



# **EXPLODED VIEW**



## EXPLODED VIEW PARTS LIST

No.	Part No.	Description
1	3110V00921A	CASE BOTTOM RD-JS10 MG .
2	35509K0189A	COVERAN110-JD REAR MG ASSY
3	0IZZ9G0001A	IC,DRAWING X1276-6007 TEXAS INSTRUMENTS CLGA 205PIN DMD TRAY 0.65INCH 720P WXGA
4	4810V01235C	BRACKET, COVER RD-JS10 RE058A MG EXIT
5	4980V01097H	SUPPORTER, GUIDE BRASS 36.9
6	6871VSMZZHD	PWB(PCB) ASSEMBLY,SUB DMD RE058A HAND INSERTION B AN110-JD - REV D
7	3300V00354B	PLATE, SHIELD AL NON RD-JT91
8	3550V00680A	COVER, AN110 (JS10) POLYURETHAN DD FOR DMD
9	3550V00681A	COVER, AN110 (JS10) AL DD LIGHT
10	3550V00679A	COVER, LAMP AN110 (JS10) PC DD PPS GF
11	4814V00591A	SHIELD, PLATE AN110 (JS10) RE058A AL DD SHIELD LAMP
12	4930V00466A	HOLDER, LAMP LCP GF DD AN110(JS10)
13	6912B22008B	LAMP,HIGH PRESSURE MERCURY NSH200LGB USHIO 82V 2.4A 200W 4000H PROJECTOR
14	4930V00467A	HOLDER, LAMP FASTEN STS DD JS10
15	3680V00162A	LENS, SEKONIX LENS AN110-JD PROJECTION LENS 0.65 INCH WXGA 720P
16	4970V00066B	SPRING, PLATE STSC304 NON NON RD-JT91
17	3858V00071B	SHEET (MECH), ENGINE 68.5*34 NON RD-JT92
18	4810V01237A	BRACKET, CASE AN110-JD RE058A MG ENGINE, BODY"
19	5230V00031A	FILTER(MECH), AV AN110-JD OCLI AV 6 SEGMENT BALL COLOR WHEEL OD 44MM MOTOR 13.8MM
20	4810V01261A	BRACKET, STAND AN110 (JS10) RE058A PC DS GF30% ENGINE
21	5900905001A	FAN, 512F/2L PAPST DC AXIAL 12V 50MM 3000 RPM 3P 150MM
22	3550V00677A	COVER, FAN AN110 (JS10) NON DD PEEK
23	3550V00678A	COVER, AN110 BOTTOM BLOWER, PC+GF40
24	4814V00590A	SHIELD, COVER AN110 (JS10) RE058A AL DD SHIELD BLOWER
25	4972V00193A	FIXER, STSC304 AN110 (JS10) DD FIXTURE
26	5900V05005A	FAN, A34860-58LG NIDEC 51MM*51MM*15MM 12V 3700RPM 7.0V - 13.8V RD-JT91 LAMP BULB COOLING FAN
27	4811900015A	BRACKET ASSEMBLY, AN110-JD RE058A ASPHERICAL LENS ASSY
28	4814V00577A	SHIELD, PLATE RD-JS10 RE058A PC T0.3
30	6871VSMZZQD	PWB(PCB) ASSEMBLY,SUB CW-INDEX RE058A HAND INSERTION AN110-JD - REV D
31	4810V01034A	BRACKET, FIXER BUSHING RD-JT91 RE048A POLYURETHAN NON
32	4810V01035A	BRACKET, FIXER BUSHING RD-JT91 RE048A POLYURETHAN NON
33	4810V01238A	BRACKET, FIXER AN110-JD RE058A MG COLOR WHEEL
34	4930V00465A	HOLDER, C/W SENSOR PC+GF30% AN110-JD
35	4970V00081A	SPRING, PLATE STSC304 L/T DD 5KG
36	4811900018A	BRACKET ASSEMBLY, AN110-JD RE058A TIR PRISM ASSY
37	4814V00584A	SHIELD, AN110-JD RE058A STSC304 L/T T0.3
38	4814V00592A	SHIELD, PLATE AN110 (JS10) RE058A STSC304 DD SHIELD
39	4920V00192A	HEAT SINK, EXTRUSION 50*47.5 18.75 / 28.75 DMD AN110-JD
40	4972V00194A	FIXER, STSC304 AN110 (JS10) LAMP
41	4972V00195A	FIXER, FRAME STSC304 AN110 (JS10) DD LAMP HOLDER
42	6871VMMZT5D	PWB(PCB) ASSEMBLY,MAIN RE058A HAND INSERTION B AN110-JD MN301 REV D
43	6871VSMZZJD	PWB(PCB) ASSEMBLY,SUB S/W RE058A HAND INSERTION AN110-JD . REV D
44	6871VSMZZKD	PWB(PCB) ASSEMBLY,SUB S/W RE058A AV-JACK HAND INSERTION AN110-JD . REV D
45	4810V01234A	BRACKET, AV RD-JS10 RE058A ABS FOR 232C
46	6871VSMZZLD	PWB(PCB) ASSEMBLY,SUB INTER RE058A RS-232C HAND INSERTION AN110-JD - REV D
47	6871VSMZZMD	PWB(PCB) ASSEMBLY,SUB SENSOR RE058A TEMP1 HAND INSERTION AN110-JD - REV D
48	6871VSMZZND	PWB(PCB) ASSEMBLY,SUB SENSOR RE058A TEMP2 HAND INSERTION AN110-JD - REV D
49	6871VSMZZPD	PWB(PCB) ASSEMBLY,SUB SENSOR RE058A REMOTE HAND INSERTION AN110-JD - REV D
50	6316000008B	BALLAST, PHG201G20 USHIO 200W PROJECTOR
51	3300900009A	PLATE, DECO ACRYL 442*254*3 AN110
	3300900009B	PLATE, DECO ACRYL 442*254*3 AN110, WHITE"
52	3550V00666A	COVER, TOP RD-JS10 MG .
53	4810V01254A	BRACKET, CASE AN110(JS10) RE058A SPCC(CR) DS SHUTTER
54	4811900006A	BRACKET ASSEMBLY, DECO AN110-JD RE058A FRONT RING
55	5020V01112A	BUTTON, CONTROL RD-JS10 ABS 7KEY .
56	4810V01232A	BRACKET, COVER RD-JS10 RE058A ABS, HF-380 FOR LENS"
57	4810V01233A	BRACKET, AV RD-JS10 RE058A ABS FOR S JACK
58	4810V01242A	BRACKET, AN110-JD RE058A NON PPS LOUVER,LAMP"
59	4811900011A	BRACKET ASSEMBLY, WALL AN110-JD RE058A MOUNT
60	4810V01259A	BRACKET, CASE AN110 (JS10) RE058A AL EXIT INNER CAST
61	4810V01260A	BRACKET, COVER AN110 (JS10) RE058A AL DD EXIT OUTER
62	4810V01241A	BRACKET, AN110-JD RE058A STSC304 POWER FAN MOUNT
63	5900905001A	FAN, 512F/2L PAPST DC AXIAL 12V 50MM 3000 RPM 3P 150MM
64	4810V01241A	BRACKET, AN110-JD RE058A STSC304 POWER FAN MOUNT
65	5900905001C	FAN, 512F/2 PAPST DC AXIAL 12V 50MM 5000 RPM 3P 250MM
66	4810V01243A	BRACKET, AN110-JD RE058A PC GF30% LOUVER IN LAMP
67	5900907001A	FAN, D07A-12PL 08A(EX) NIDEC DC AXIAL 12V 70MM 2400 RPM 3P 250MM
68	6709900012C	POWER SUPPLY ASSEMBLY, FREE AN110W-JD PJTR HAEPYUNG SMPS
69	6709900012D	POWER SUPPLY ASSEMBLY, FREE AN110W-JD PJTR HAEPYUNG PFC
70	4930V00463A	HOLDER, FOR BAL & POWER EGI T1.0
71	4930V00396B	HOLDER, HBLOCK AL 2021 RD-JT91
72	4930V00468A	HOLDER, UV CUT FILTER AL DD LAMP
73	4930V00469A	HOLDER, CLENS STS DD
74	4930900010A	HOLDER, PCB FIX SONSOR, STS304

## REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION			
<b>IC</b>								
IC	0IZZ9G0001A	X1276-6007 CLGA 205PIN DMD	IC900	0IKE704200J	KIA7042AF SOT-89 TP 4.2V VOLTAGE			
IC100	0IMCRSG007A	74VIT125CTR 5P SOT323-5L R/TP	IC901	0IKE702700D	KIA7027AF 3, SOT-89 TP RESET IC 2.7V			
IC101	0IMMRAL034C	AT24C128N-10SU-2.7,LF ATTEL 8P	IC902	0IKE704200J	KIA7042AF SOT-89 TP 4.2V VOLTAGE			
IC102	0IMI623200B	M62320FP,I/O EXPANDER 16P SOP	IC903	0IKE702700D	KIA7027AF 3, SOT-89 TP RESET IC 2.7V			
IC103	692794001AD	SOFT WARE, 2.00.0V 35A4498F	IC904	0ISTLKE019A	KIC7S08FU KEC 5PIN R/TP 2 INPUT AND GATE			
IC104	0IKE702700D	KIA7027AF 3, SOT-89 TP RESET IC 2.7V	IC905	0IPRPSH001A	PQ20WZ1U SHARP 5P SC63 R/TP			
IC105	0IKE702700D	KIA7027AF 3, SOT-89 TP RESET IC 2.7V	IC950	0IPRP00631A	ADT7466ARQZ-REEL7,LF ANALOG DEVICE 16P			
IC106	0IMCRSG007A	74VIT125CTR 5P SOT323-5L R/TP	IC951	0IPRP00009A	ICL3232CBNZ INTERSIL 16P/SOP R/T			
IC107	0IMI623200B	M62320FP,I/O EXPANDER 16P SOP	IC952	0IPRPSH001A	PQ20WZ1U SHARP 5P SC63 R/TP			
IC108	0IMI623200B	M62320FP,I/O EXPANDER 16P SOP	IC953	0IPRPSH001A	PQ20WZ1U SHARP 5P SC63 R/TP			
IC109	0IMCRSG008A	74LX1G14CTR 5P SOT323-5L R/TP	IC954	0IMCRSG007A	74VIT125CTR 5P SOT323-5L R/TP			
IC110	0IMCRSG008A	74LX1G14CTR 5P SOT323-5L R/TP	IC955	0IMCRSG007A	74VIT125CTR 5P SOT323-5L R/TP			
IC200	0IMMRAL014C	AT24C02N-10SU-2.7,LF ATTEL 8P	<b>TRANSISTOR</b>					
IC201	0IPMGA0010A	AZ1117H-3.3 AAC SOT-223 3P R/TP	Q100	0TR102009AJ	KRC102S KEC REEL TAPING SOT23 50V 0.1A			
IC202	0IMMRAL014C	AT24C02N-10SU-2.7,LF ATTEL 8P	Q101	0TFRH80001A	RK7002T116 R/TP SOT23 60V 115MA			
IC203	0IPRPM3020A	MST3382M-LF-110 MSTAR 128PIN,PQFP	Q102	0TFRH80001A	RK7002T116 R/TP SOT23 60V 115MA			
IC204	0IMMRCS012B	CAT24WC08W-T(MST3000) CATALYST 8P	Q103	0TR102009AJ	KRC102S KEC REEL TAPING SOT23 50V 0.1A			
IC205	0IPMG00107A	AZ1117H-2.5TR/E1 AAC 3PIN SOT-223	Q105	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC			
IC300	0IPMGA0010A	AZ1117H-3.3 AAC SOT-223 3P R/TP	Q106	0TFRH80001A	RK7002T116 R/TP SOT23 60V 115MA			
IC301	0IPMG00049A	AZ1117H-1.8TRE1(EH13A),LF BCD	Q107	0TFRH80001A	RK7002T116 R/TP SOT23 60V 115MA			
IC302	0IPRPTI068A	TVP5160M1 128PIN,TQFP	Q200	0TFRH80001A	RK7002T116 R/TP SOT23 60V 115MA			
IC303	0IPMG00049A	AZ1117H-1.8TRE1(EH13A),LF BCD	Q201	0TFRH80001A	RK7002T116 R/TP SOT23 60V 115MA			
IC304	0IMMRHY001L	HY57V641620ETP-H,LF HYNIX 54P TSOPII	Q202	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC			
IC40	0IMCRSH003A	GP2S40 SHARP 4P DIP ST PHOTointERRUPTER	Q301	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC			
IC401	0IPRP00645A	MN301-G OPLUS 444P,PBGA	Q302	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC			
IC403	0IPMGSG024A	L5973ADTR 8P/HSOP R/TP 2A SWITCH	Q303	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC			
IC407	0IMCRKE008A	KIA78D33F KEC 3P DPAK R/TP 3.3V LDO	Q401	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC			
IC408	0IMMRHY060B	HY5DU561622DTP-D43,LF HYNIX 66PIN TSOPII	Q402	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC			
IC409	0IMMRHY060B	HY5DU561622DTP-D43,LF HYNIX 66PIN TSOPII	Q500	0TR102009AJ	KRC102S KEC REEL TAPING SOT23 50V 0.1A			
IC410	0IPMGSG023A	LD29150DT25R 3P/D-PAK R/TP 2.5V 1.5A	Q501	0TFON80011A	NTR1P02LT1G ON SEMI(MOTOROLA)			
IC450	0IPMG78354A	KD1084ADT-R 2PIN DPAK REEL TAPING	Q516	0TR102009AJ	KRC102S KEC REEL TAPING SOT23 50V 0.1A			
IC470	0IPMGSG018D	LD1086DT18TR-LF 3P,DPAK R/TP	Q517	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC			
IC471	0ICTMLG018B	LGDP4411 IEP2 LG IC 208P LQFP	Q557	0TR102009AJ	KRC102S KEC REEL TAPING SOT23 50V 0.1A			
IC500	0IMCRTI011A	2503227-001(DDP1010) 529P EPBGA	Q800	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC			
IC501	692794002AE	SOFT WARE, 2.02.0V 0D8C3E94	Q801	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC			
IC516	0IMCRSG007A	74VIT125CTR 5P SOT323-5L R/TP	Q802	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC			
IC518	0IMCRTI014A	CDCR83 24P STOP R/TP	Q803	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC			
IC557	0IMCRSG007A	74VIT125CTR 5P SOT323-5L R/TP	Q806	0TFRH80001A	RK7002T116 R/TP SOT23 60V 115MA			
IC610	0IPMG00049A	AZ1117H-1.8TRE1(EH13A),LF BCD	Q807	0TR102009AJ	KRC102S KEC REEL TAPING SOT23 50V 0.1A			
IC611	0IMMRSS053B	K4R271669F-TCS8 54P UBG	Q900	0TFFC80046A	FDV301N FAIRCHILD R/TP SOT23 25V 0.22A			
IC651	0IMCRAG001A	A8904SLP ALLEGRO MICRO SYSTEMS	Q901	0TFFC80046A	FDV301N FAIRCHILD R/TP SOT23 25V 0.22A			
IC652	0IMCRSG007A	74VIT125CTR 5P SOT323-5L R/TP	Q902	0TFFC80046A	FDV301N FAIRCHILD R/TP SOT23 25V 0.22A			
IC653	0ISH121100D	PQ12DZ1U 5 SMD R/TP REGULATOR	Q903	0TFFC80046A	FDV301N FAIRCHILD R/TP SOT23 25V 0.22A			
IC654	0IMCRFA003A	KA2903 FAIRCHILD 8SOP R/TP AMPLIFIER	Q904	0TFFC80046A	FDV301N FAIRCHILD R/TP SOT23 25V 0.22A			
IC701	0IMCRTI012B	2503253-0003(DAD1000-3) 80P PQFP	Q905	0TFFC80046A	FDV301N FAIRCHILD R/TP SOT23 25V 0.22A			
IC801	0IPMGSG024A	L5973ADTR 8P/HSOP R/TP 2A SWITCH	Q906	0TFFC80046A	FDV301N FAIRCHILD R/TP SOT23 25V 0.22A			
IC802	0IPMGSG024A	L5973ADTR 8P/HSOP R/TP 2A SWITCH	Q907	0TFFC80046A	FDV301N FAIRCHILD R/TP SOT23 25V 0.22A			
IC804	0IPRP00631A	ADT7466ARQZ-REEL7,LF ANALOG DEVICE 16P	Q908	0TFON80011A	NTR1P02LT1G ON R/TP SOT23 20V 1.3A			
IC805	0IPRPSH001A	PQ20WZ1U SHARP 5P SC63 R/TP	Q909	0TFON80011A	NTR1P02LT1G ON R/TP SOT23 20V 1.3A			
IC806	0IPRPSH001A	PQ20WZ1U SHARP 5P SC63 R/TP	Q910	0TFON80011A	NTR1P02LT1G ON R/TP SOT23 20V 1.3A			
IC807	0IPRP00663A	ADXL322JCP-REEL ANALOG DEVICE 16P	Q911	0TFON80011A	NTR1P02LT1G ON R/TP SOT23 20V 1.3A			
			Q912	0TFON80011A	NTR1P02LT1G ON R/TP SOT23 20V 1.3A			

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic	RD : Carbon Film
	CQ : Polyester	RS : Metal Oxide Film
	CE : Electrolytic	RN : Metal Film
		RF : Fusible

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION	
Q913	0TFON80011A	NTR1P02LT1G ON R/TP SOT23 20V 1.3A	D953	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	
Q914	0TFON80011A	NTR1P02LT1G ON R/TP SOT23 20V 1.3A	D954	0DRDI00028B	B350A DIODES R/TP SMA 35V 3A 100A NSEC	
Q915	0TFON80011A	NTR1P02LT1G ON R/TP SOT23 20V 1.3A	D955	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	
Q916	0TFON80011A	NTR1P02LT1G ON R/TP SOT23 20V 1.3A	D956	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	
Q917	0TFON80011A	NTR1P02LT1G ON R/TP SOT23 20V 1.3A	<b>CAPACITOR</b>			
Q918	0TFON80011A	NTR1P02LT1G ON R/TP SOT23 20V 1.3A	C10	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP	
Q919	0TR102009AJ	KRC102S KEC REEL TAPING SOT23 50V 0.1A	C100	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
Q920	0TR102009AJ	KRC102S KEC REEL TAPING SOT23 50V 0.1A	C101	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
Q921	0TR102009AJ	KRC102S KEC REEL TAPING SOT23 50V 0.1A	C102	0CK474CH94A	0.47UF 1608 25V 80%, -20% R/TP F(Y5V)	
Q922	0TR102009AJ	KRC102S KEC REEL TAPING SOT23 50V 0.1A	C103	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
Q950	0TR102009AJ	KRC102S KEC REEL TAPING SOT23 50V 0.1A	C104	0CE106WH6DC	10UF MVK 25V 20% R/TP(SMD) SMD	
Q951	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C106	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
Q952	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C107	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
Q953	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C109	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
Q954	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C110	0CC100CK41A	10PF 1608 50V 5% R/TP NP0	
Q955	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C111	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
Q956	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C112	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
Q957	0TFRH80001A	RK7002T116 R/TP SOT23 60V 115MA	C113	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
Q958	0TR102009AJ	KRC102S KEC REEL TAPING SOT23 50V 0.1A	C114	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
Q959	0TR102009AJ	KRC102S KEC REEL TAPING SOT23 50V 0.1A	C116	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
<b>DIODE</b>						
D104	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	C118	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D14	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	C1470	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D15	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	C1471	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	
D16	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	C1500	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D17	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	C1501	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D200	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	C1502	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D201	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	C1503	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D202	0DS226009AA	KDS226 TP KEC - 80V 4NSEC 0.5UA	C1504	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D203	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	C1505	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D204	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	C1507	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D205	0DS226009AA	KDS226 TP KEC - 80V 4NSEC 0.5UA	C1508	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D206	0DS226009AA	KDS226 TP KEC - 80V 4NSEC 0.5UA	C200	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D207	0DD184009AA	KDS184 TP KEC - 85V - 300MA	C201	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D208	0DS226009AA	KDS226 TP KEC - 80V 4NSEC 0.5UA	C202	0CK224CF56A	0.22UF 1608 16V 10% R/TP X7R	
D251	0DD184009AA	KDS184 TP KEC - 85V - 300MA	C203	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0	
D300	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	C204	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	
D301	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	C205	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D302	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	C206	0CK473CH56A	0.047UF 1608 25V 10% R/TP X7R	
D401	0DRDI00028B	B350A DIODES R/TP SMA 35V 3A 100A NSEC	C207	0CK473CH56A	0.047UF 1608 25V 10% R/TP X7R	
D651	0DRON00088A	BAT54SWT1 ON D-PAK 60V 3A 4A .SEC.A	C208	0CK473CH56A	0.047UF 1608 25V 10% R/TP X7R	
D652	0DRON00088A	BAT54SWT1 ON D-PAK 60V 3A 4A .SEC.A	C209	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D654	0DRON00088A	BAT54SWT1 ON D-PAK 60V 3A 4A .SEC.A	C210	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D655	0DRON00088A	BAT54SWT1 ON D-PAK 60V 3A 4A .SEC.A	C211	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D701	0DRGS00328A	SS26 R/TP DO-214AC 60V 2A 75A .SEC 10MA	C212	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D702	0DRGS00328A	SS26 R/TP DO-214AC 60V 2A 75A .SEC 10MA	C213	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D751	0DZVH00118A	GZF8V2C R/TP SMD 0.8W 7.7-8.7V 100MA .PF	C214	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D801	0DRDI00028B	B350A DIODES R/TP SMA 35V 3A 100A NSEC	C215	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D802	0DRDI00028B	B350A DIODES R/TP SMA 35V 3A 100A NSEC	C216	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D951	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	C217	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
D952	0DZRM00178A	UDZS TE-17 5.1B R/TP SMD 0.2W 5.1V 5MA	C218	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	
			C219	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	

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LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C220	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C343	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C221	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C344	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C222	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C345	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C223	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C346	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C224	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C347	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C225	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C348	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C226	0CC330CK41A	33PF 1608 50V 5% R/TP NP0	C349	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C227	0CC330CK41A	33PF 1608 50V 5% R/TP NP0	C350	0CE106WH6DC	10UF MVK 25V 20% R/TP(SMD) SMD
C228	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C351	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C229	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C352	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C230	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C353	0CC330CK41A	33PF 1608 50V 5% R/TP NP0
C231	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C354	0CC330CK41A	33PF 1608 50V 5% R/TP NP0
C232	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C355	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C233	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C356	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C236	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C357	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C237	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C358	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C238	0CE106WH6DC	10UF MVK 25V 20% R/TP(SMD) SMD	C359	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C239	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C360	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C241	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C361	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C30	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C362	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C306	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C363	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C307	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C364	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C308	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C365	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C309	0CC050CK11A	5PF 1608 50V 0.5 PF R/TP NP0	C366	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C313	0CC050CK11A	5PF 1608 50V 0.5 PF R/TP NP0	C367	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C314	0CC050CK11A	5PF 1608 50V 0.5 PF R/TP NP0	C368	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C315	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C369	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C317	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C370	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C318	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C371	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C319	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C372	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C320	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C375	0CE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD
C321	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C376	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C322	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C377	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C323	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C381	0CE106WF6DC	10UF MVK 16V 20%, -20% SMD R/TP(SMD)
C325	0CC050CK11A	5PF 1608 50V 0.5 PF R/TP NP0	C381	0CE106WF6DC	10UF MVK 25V 20% R/TP(SMD) SMD
C326	0CC050CK11A	5PF 1608 50V 0.5 PF R/TP NP0	C382	0CE106WF6DC	10UF MVK 16V 20%, -20% SMD R/TP(SMD)
C327	0CC050CK11A	5PF 1608 50V 0.5 PF R/TP NP0	C382	0CE106WF6DC	10UF MVK 25V 20% R/TP(SMD) SMD
C328	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C383	0CE106WF6DC	10UF MVK 16V 20%, -20% SMD R/TP(SMD)
C329	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C383	0CE106WF6DC	10UF MVK 25V 20% R/TP(SMD) SMD
C330	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C384	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
C331	0CE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD	C385	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
C332	0CE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD	C386	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
C333	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C387	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C334	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C388	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C335	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C389	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C336	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C40	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C337	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C403	0CC221CK41A	220PF 1608 50V 5% R/TP NP0
C338	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C404	0CK223CK56A	22000PF 1608 50V 10% X7R R/TP
C339	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C405	0CK272CK46A	2700PF 1608 50V 5% X7R R/TP
C340	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C406	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
C341	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C407	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C342	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C411	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R

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	CE : Electrolytic	RN : Metal Film
		RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C412	OCE106WH6DC	10UF MVK 25V 20% R/TP(SMD) SMD
C413	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C414	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C415	OCE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD
C416	OCE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD
C417	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C419	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C421	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C422	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C423	OCE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD
C424	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C425	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C426	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C427	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C428	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C429	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C430	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C431	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C432	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C433	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C434	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C435	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C436	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C437	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C438	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C439	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C440	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C441	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C442	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C443	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C444	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C445	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C446	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C447	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C448	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C449	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C450	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C451	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C452	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C453	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C454	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C455	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C456	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C457	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C458	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C459	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C460	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C461	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C462	OCE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
C466	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C470	OCE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD
C471	OCE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD

LOCA. NO	PART NO	DESCRIPTION
C472	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C473	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C474	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C475	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C476	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C477	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C478	OCE106WH6DC	10UF MVK 25V 20% R/TP(SMD) SMD
C479	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C480	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C481	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C482	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C483	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C484	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C485	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C486	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C487	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C488	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C490	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C491	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C492	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C493	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C496	OCE107WF6DC	1000UF MVK 16V 20% R/TP(SMD) SMD
C500	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C501	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C51	OCC470CK41A	47PF 1608 50V 5% R/TP NP0
C516	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C517	OCC102CK41A	1000PF 1608 50V 5% R/TP NP0
C518	OCC102CK41A	1000PF 1608 50V 5% R/TP NP0
C519	OCC102CK41A	1000PF 1608 50V 5% R/TP NP0
C52	OCC470CK41A	47PF 1608 50V 5% R/TP NP0
C520	OCC102CK41A	1000PF 1608 50V 5% R/TP NP0
C521	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C523	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C524	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C525	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C526	OCE106WH6DC	10UF MVK 25V 20% R/TP(SMD) SMD
C527	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C528	OCC680CK41A	68PF 1608 50V 5% R/TP NP0
C529	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C530	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C531	OCC680CK41A	68PF 1608 50V 5% R/TP NP0
C532	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C533	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C534	OCC680CK41A	68PF 1608 50V 5% R/TP NP0
C535	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C536	OCC680CK41A	68PF 1608 50V 5% R/TP NP0
C537	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C538	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C539	OCK4R7CKFDA	4.7PF 1608 50V 5%, -5% COG R/TP
C540	OCE106WFKDC	10UF MVK 16V 20%, -20% SMD R/TP(SMD)
C540	OCE106WH6DC	10UF MVK 25V 20% R/TP(SMD) SMD
C541	OCE106WFKDC	10UF MVK 16V 20%, -20% SMD R/TP(SMD)

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C541	OCE106WH6DC	10UF MVK 25V 20% R/TP(SMD) SMD	C593	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C542	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C594	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C543	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C595	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C544	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C596	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C545	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C597	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C546	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C598	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C547	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C599	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C548	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C600	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C549	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C601	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C550	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C602	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C551	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C603	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C552	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C604	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C553	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C605	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C554	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C606	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C555	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C610	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C556	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C611	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C557	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C612	OCE106WH6DC	10UF MVK 25V 20% R/TP(SMD) SMD
C558	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C613	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C559	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C614	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C560	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C616	OCE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
C561	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C617	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C562	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C618	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C563	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C619	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C564	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C620	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C565	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C621	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C566	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C622	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C567	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C623	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C568	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C624	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C569	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C625	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C570	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C626	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C571	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C627	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C572	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C628	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C573	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C629	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C574	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C630	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C575	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C631	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C576	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C632	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C577	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C633	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C578	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C634	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C579	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C651	OCK272CK46A	2700PF 1608 50V 5% X7R R/TP
C580	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C652	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C581	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C653	OCK472CK56A	4700PF 1608 50V 10% R/TP X7R
C582	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C654	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C583	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C655	OCK272CK46A	2700PF 1608 50V 5% X7R R/TP
C584	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C656	OCE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD
C585	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C657	OCK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C586	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C658	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C587	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C659	OCE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD
C588	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C660	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C589	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C661	OCE336WH6D8	33UF MVK,RC 25V 20% SMD TAPPING
C590	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C662	OCC391CK41A	390PF 1608 50V 5% NP0 R/TP
C591	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C665	OCC102CK41A	1000PF 1608 50V 5% R/TP NP0
C592	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C666	OCK104CF56A	0.1UF 1608 16V 10% R/TP X7R

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LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C667	0CE336WH6D8	33UF MVK,RC 25V 20% SMD TAPPING	C760	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C668	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0	C761	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C669	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C762	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C669	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C763	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C670	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0	C764	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C671	0CE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD	C765	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C673	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C766	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C674	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C767	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C675	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	C768	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP
C676	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	C800	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C677	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	C802	0CE225WK6DC	2.2UF MVK,RC 50V 20% SMD TAPPING
C678	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	C809	0CC221CK41A	220PF 1608 50V 5% R/TP NP0
C679	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	C810	0CC221CK41A	220PF 1608 50V 5% R/TP NP0
C680	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	C811	0CK223CK56A	2200PF 1608 50V 10% X7R R/TP
C681	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y5P)	C812	0CK223CK56A	22000PF 1608 50V 10% X7R R/TP
C701	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C813	0CK272CK46A	2700PF 1608 50V 5% X7R R/TP
C702	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C814	0CK272CK46A	2700PF 1608 50V 5% X7R R/TP
C703	0CK335FK66A	3.3UF 3225 50V 20% X7R R/TP	C815	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C704	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C816	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C705	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C819	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
C706	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C820	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
C707	0CK335FK66A	3.3UF 3225 50V 20% X7R R/TP	C821	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
C708	0CK335FK66A	3.3UF 3225 50V 20% X7R R/TP	C822	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C709	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C822	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C710	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C823	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C711	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C824	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C712	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C825	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C713	0CK335FK66A	3.3UF 3225 50V 20% X7R R/TP	C826	0CE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD
C715	0CK335FK66A	3.3UF 3225 50V 20% X7R R/TP	C827	0CE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD
C716	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C828	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C717	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C828	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C718	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP	C829	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C719	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C829	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C720	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C830	0CE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD
C721	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C831	0CE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD
C722	0CK335FK66A	3.3UF 3225 50V 20% X7R R/TP	C832	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C731	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C833	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C732	0CC270CK41A	27PF 1608 50V 5% R/TP NP0	C834	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
C734	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C835	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
C735	0CC270CK41A	27PF 1608 50V 5% R/TP NP0	C836	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C736	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C836	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C737	0CC270CK41A	27PF 1608 50V 5% R/TP NP0	C837	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C738	0CC270CK41A	27PF 1608 50V 5% R/TP NP0	C837	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C739	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C838	0CE106WH6DC	10UF MVK 25V 20% R/TP(SMD) SMD
C740	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	C839	0CE106WF6DC	10UF MVK 16V 20%, -20% SMD R/TP(SMD)
C751	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C850	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
C752	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C851	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C755	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP	C852	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C756	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C853	0CE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD
C757	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C854	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C758	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C855	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C759	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C856	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R

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C857	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C970	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C858	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C971	0CE106WFKDC	10UF MVK 16V 20%, -20% SMD R/TP(SMD)
C859	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C971	0CE106WH6DC	10UF MVK 25V 20% R/TP(SMD) SMD
C860	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C972	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C861	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C973	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C862	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C974	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C863	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C975	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C865	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C976	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C866	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C978	0CE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD
C867	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C979	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C868	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C980	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C869	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C981	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C870	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C982	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
C871	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C983	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
C872	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C984	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
C873	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C986	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C874	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C987	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C875	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C988	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R
C900	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C988	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C901	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C989	0CE106WFKDC	10UF MVK 16V 20%, -20% SMD R/TP(SMD)
C902	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	<b>COIL</b>		
C903	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	L401	6140VB0027A	SP5845-150 GET 15UH SMD INDUCTOR RD-JT91
C905	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	L701	6140VR0007A	DT1608C-223 COILCRAFT 22UF+ -20% 0.5A
C907	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	L702	6140VR0007A	DT1608C-223 COILCRAFT 22UF+ -20% 0.5A
C908	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	L804	6140VB0027A	SP5845-150 GET 15UH SMD INDUCTOR RD-JT91
C911	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	L805	6140VB0027A	SP5845-150 GET 15UH SMD INDUCTOR RD-JT91
C912	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	<b>CONNECTOR</b>		
C913	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1	6631900021A	2P 1.25MM 100MM H-H UL1061AWG28
C914	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C2	6631900021E	2P 1.25MM 300MM H-H UL1061AWG28
C916	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C3	6631900023A	3P 3.96MM 100MM H-H UL1617AWG22
C917	0CE106WH6DC	10UF MVK 25V 20% R/TP(SMD) SMD	C4	6631900038A	20P 0.5MM 250MM W-W UL2896
C918	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C5	6631V00043B	5P 1.25MM 150MM H-H UL2464AWG28-5C
C950	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C6	6631V12002B	3P 1.25MM 200MM H-H UL1061 AWG26
C951	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	C7	6631V12002E	3P 1.25MM 300MM H-H UL1061AWG28
C952	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	C8	6631V12009B	4P 1.25MM 150MM H-H UL1061AWG26
C953	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	C9	6631V12013A	8P 1.25MM 100MM H-H UL1061 AWG28
C954	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	JK200	6630TGA004F	KCN-DS-3-0062 KSD 15P 2.29MM
C955	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	P103	6602V12001H	1.25MM 12PINP 53261-1290 JPN-MOLEX
C956	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	P300A	6602T12005G	12505WR-08A00 8P 1.25MM R/A
C959	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	P300B	6602T12005G	12505WR-08A00 8P 1.25MM R/A
C960	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	P401	6630VZS001C	54104-3692 MOLEX 36PIN .MM ANGLE
C961	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	P470	6630VZS001C	54104-3692 MOLEX 36PIN .MM ANGLE
C962	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	P50	6630G00001C	KCN-DS-1-0088 KSD 9P 2.77MM
C963	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	P517	6630BX05007	53261-0590 MOLEX 5PIN 1.25MM ANGLE SN
C964	0CE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD	P557	6630BX05007	53261-0590 MOLEX 5PIN 1.25MM ANGLE SN
C965	0CE476WF6DC	47UF MVK 16V 20% R/TP(SMD) SMD	P651	6602V12001B	1.25MM 3P 53261-0390 J-MOLEX
C966	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	P651B	6602T12005B	12505WR-03A00 3P 1.25MM R/A SMD
C966	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	P652	6630VE00204	10003HR-04 4P 1.0MM FPC
C967	0CK104CF56A	0.1UF 1608 16V 10% R/TP X7R	P731	6630B00021A	KX14-120K5DE JAE 120P 0.8MM 120P
C967	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	P751	6630B00022A	KX15-50KLDLE JAE 120P 0.8MM 120P PLUG

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic	RD : Carbon Film
	CQ : Polyester	RS : Metal Oxide Film
	CE : Electrolytic	RN : Metal Film
		RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
P801	6602V12001H	1.25MM 12PINP 53261-1290 JPN-MOLEX
P804	6602V12001B	1.25MM 3P 53261-0390 J-MOLEX
P805	6602V12001B	1.25MM 3P 53261-0390 J-MOLEX
P900	6602T12004E	12505WS-06A00 6P 1.25MM S/T
P901	6602V12001C	1.25MM 4P 53261-0490 J-MOLEX
P903	6602T12004E	12505WS-06A00 6P 1.25MM S/T
P904	6602V12001A	1.25MM 2P 53261-0290 J-MOLEX
P904A	6602V12001B	1.25MM 3P 53261-0390 J-MOLEX
P904B	6602V12001B	1.25MM 3P 53261-0390 J-MOLEX
P905	6602V12001A	1.25MM 2P 53261-0290 J-MOLEX
P950	6630X60129A	51374-2073 MOLEX 20P 0.5MM S/T LF FFC
P950B	6630X60128A	05004HR-20B01S 20P 0.5MM R/A FFC
P951	6602V12001A	1.25MM 2P 53261-0290 J-MOLEX
P952	6602T12004B	12505WS-03A00 3P 1.25MM S/T SMD LF/HF
P953	6602V12001C	1.25MM 4P 53261-0490 J-MOLEX
P954	6602T12004B	12505WS-03A00 3P 1.25MM S/T SMD LF/HF
P955	6602T12004B	12505WS-03A00 3P 1.25MM S/T SMD LF/HF
P956	6602V12001A	1.25MM 2P 53261-0290 J-MOLEX
P956B	6602V12001A	1.25MM 2P 53261-0290 J-MOLEX
P957	6602V12001A	1.25MM 2P 53261-0290 J-MOLEX
P957B	6602V12001A	1.25MM 2P 53261-0290 J-MOLEX
P958	6602V12001C	1.25MM 4P 53261-0490 J-MOLEX
P958B	6602V12001C	1.25MM 4P 53261-0490 J-MOLEX

### RESISTOR

AR200	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR201	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR202	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR203	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR204	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR205	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR300	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR301	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR302	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR303	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR304	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR305	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR306	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR307	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR308	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR309	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR310	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR311	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR401	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR402	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR403	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR404	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR405	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR406	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR416	0RHZTCZ001A	RCA SMART 100OHM 1/16 W 5%
AR417	0RHZTCZ001A	RCA SMART 100OHM 1/16 W 5%
AR418	0RHZTCZ001A	RCA SMART 100OHM 1/16 W 5%

LOCA. NO	PART NO	DESCRIPTION
AR419	0RHZTCZ001A	RCA SMART 100OHM 1/16 W 5%
AR420	0RHZTCZ001D	RCA SMART 220OHM 1/16 W 5%
AR421	0RHZTCZ001D	RCA SMART 220OHM 1/16 W 5%
AR422	0RHZTCZ001D	RCA SMART 220OHM 1/16 W 5%
AR423	0RHZTCZ001D	RCA SMART 220OHM 1/16 W 5%
AR424	0RHZTCZ001D	RCA SMART 220OHM 1/16 W 5%
AR425	0RHZTCZ001D	RCA SMART 220OHM 1/16 W 5%
AR426	0RHZTCZ001D	RCA SMART 220OHM 1/16 W 5%
AR427	0RHZTCZ001D	RCA SMART 220OHM 1/16 W 5%
AR430	0RHZTCZ001A	RCA SMART 100OHM 1/16 W 5%
AR431	0RHZTCZ001A	RCA SMART 100OHM 1/16 W 5%
AR432	0RHZTCZ001A	RCA SMART 100OHM 1/16 W 5%
AR433	0RHZTCZ001A	RCA SMART 100OHM 1/16 W 5%
AR434	0RHZTCZ001A	RCA SMART 100OHM 1/16 W 5%
AR435	0RHZTCZ001A	RCA SMART 100OHM 1/16 W 5%
AR436	0RHZTCZ001A	RCA SMART 100OHM 1/16 W 5%
AR437	0RHZTCZ001A	RCA SMART 100OHM 1/16 W 5%
AR438	0RHZTCZ001A	RCA SMART 100OHM 1/16 W 5%
AR439	0RHZTCZ001A	RCA SMART 100OHM 1/16 W 5%
AR440	0RHZTCZ001A	RCA SMART 100OHM 1/16 W 5%
AR481	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR482	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR483	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR484	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR485	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR486	0RHZTCZ001E	RCA SMART 470HM 1/16 W 5%
AR487	0RRZVTA001C	4.7K OHM 1 / 16 W 1608 5%

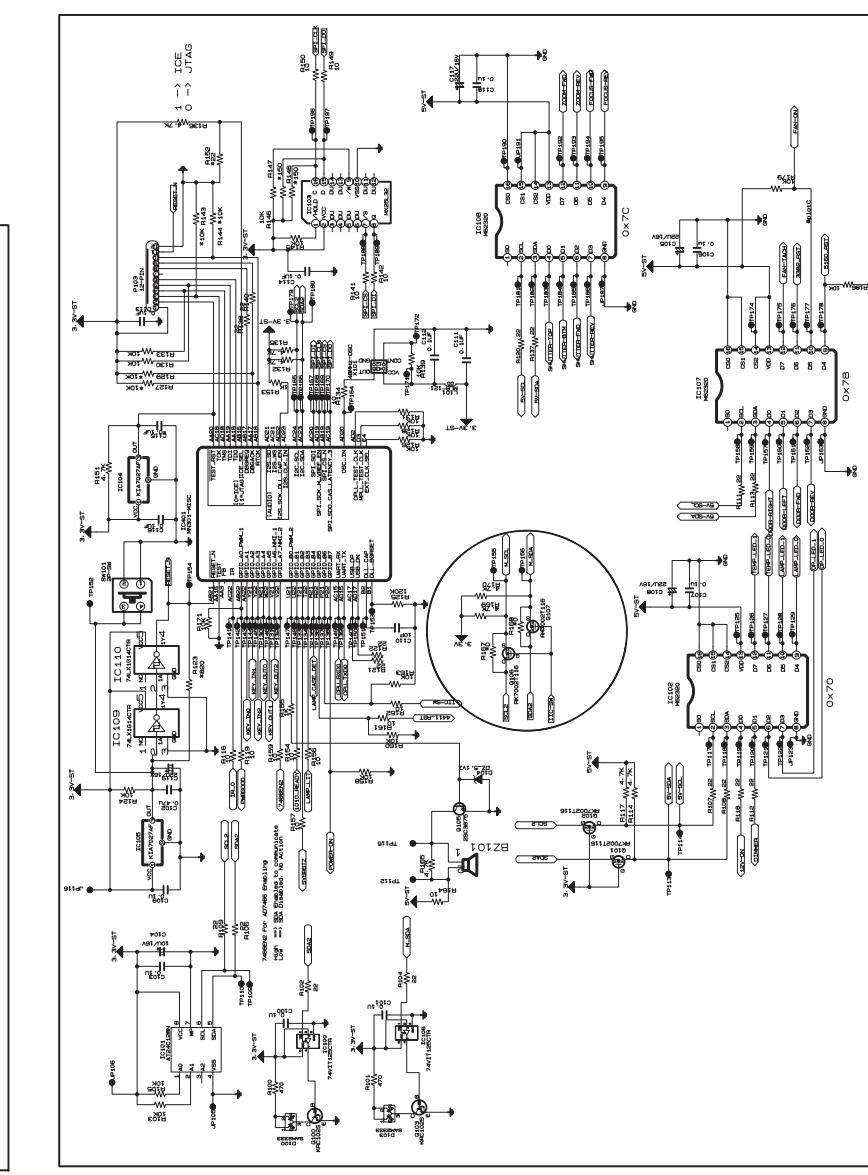
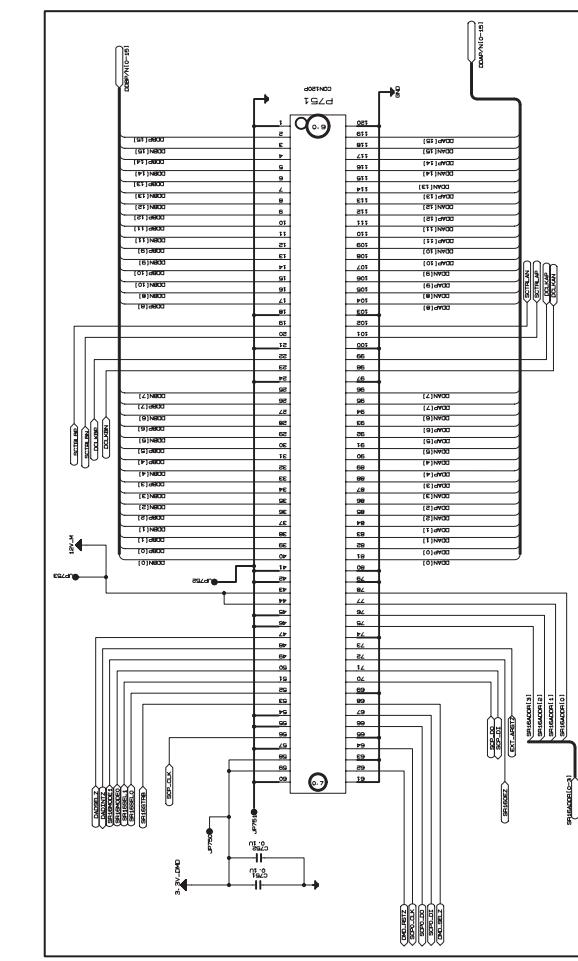
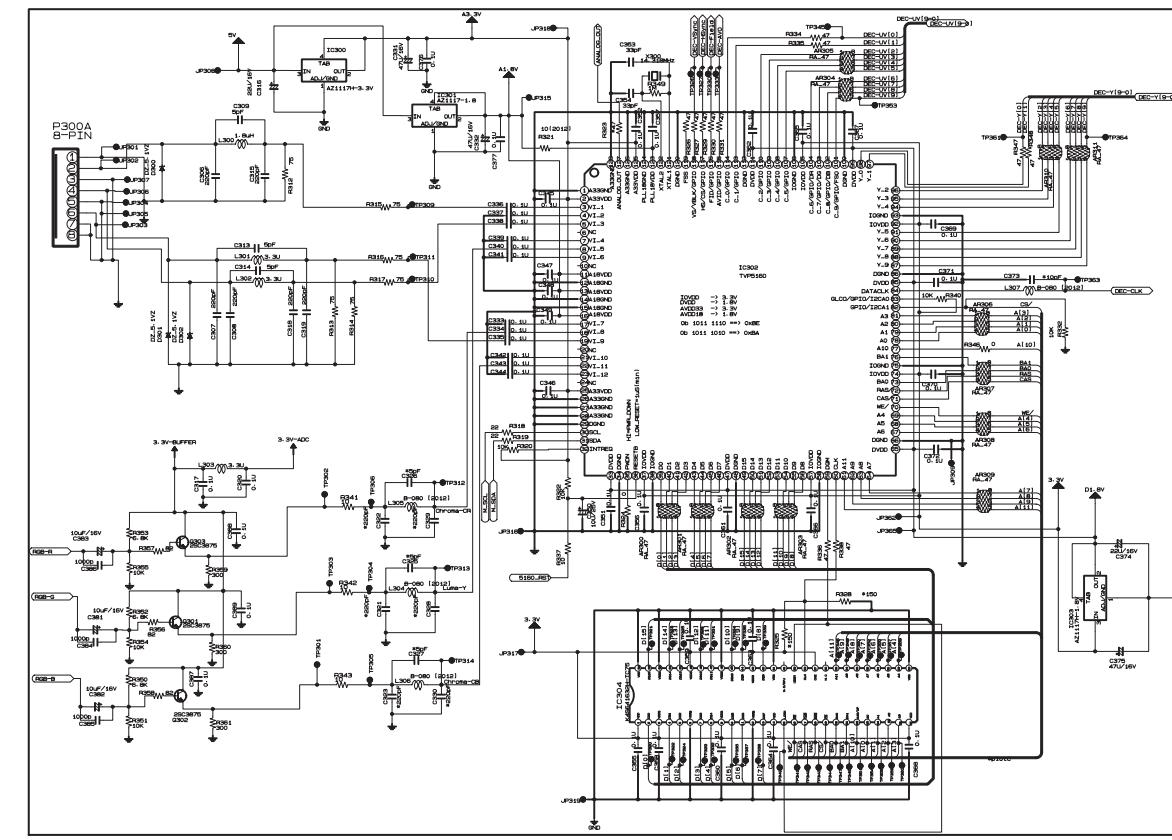
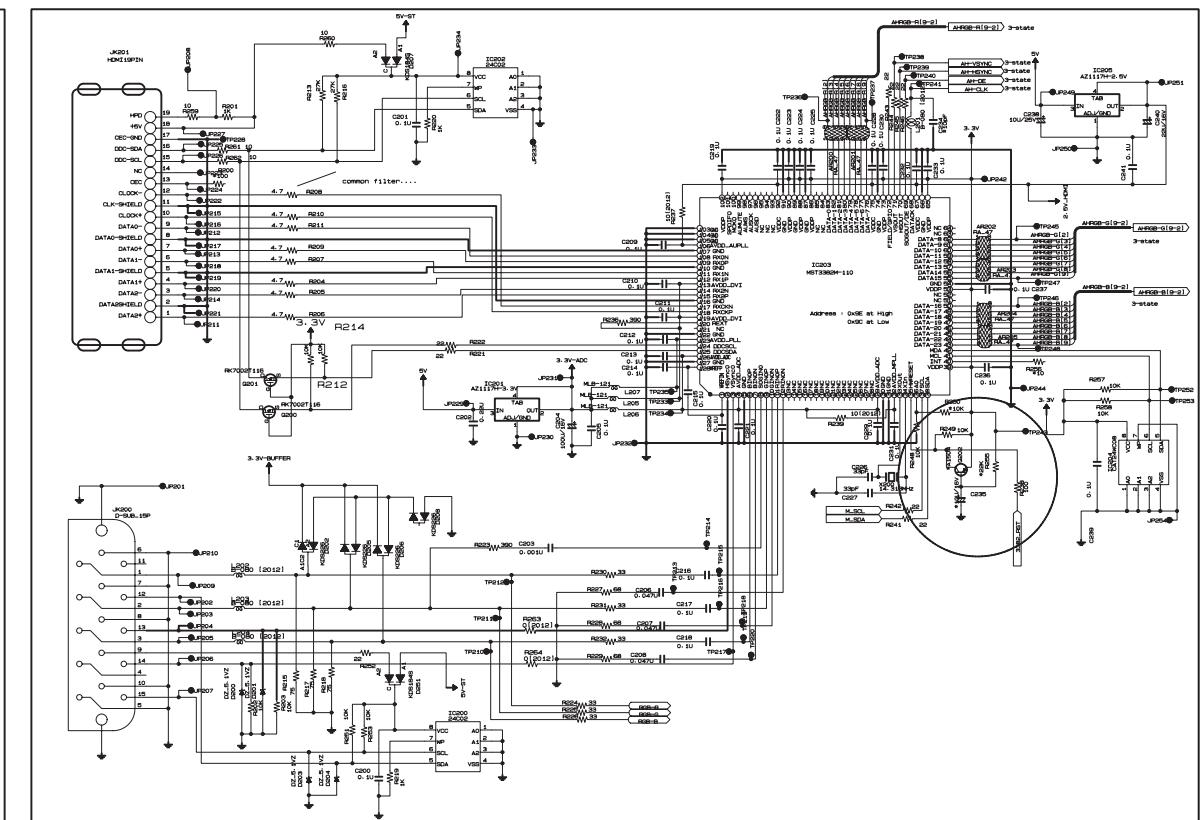
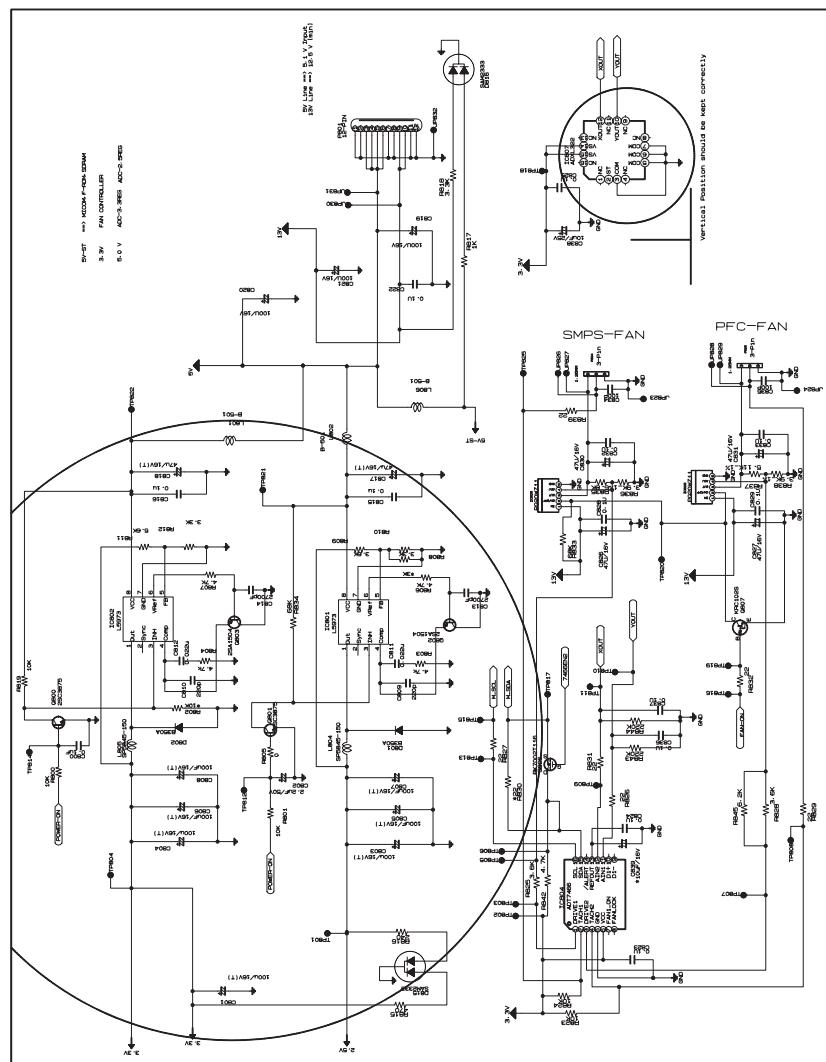
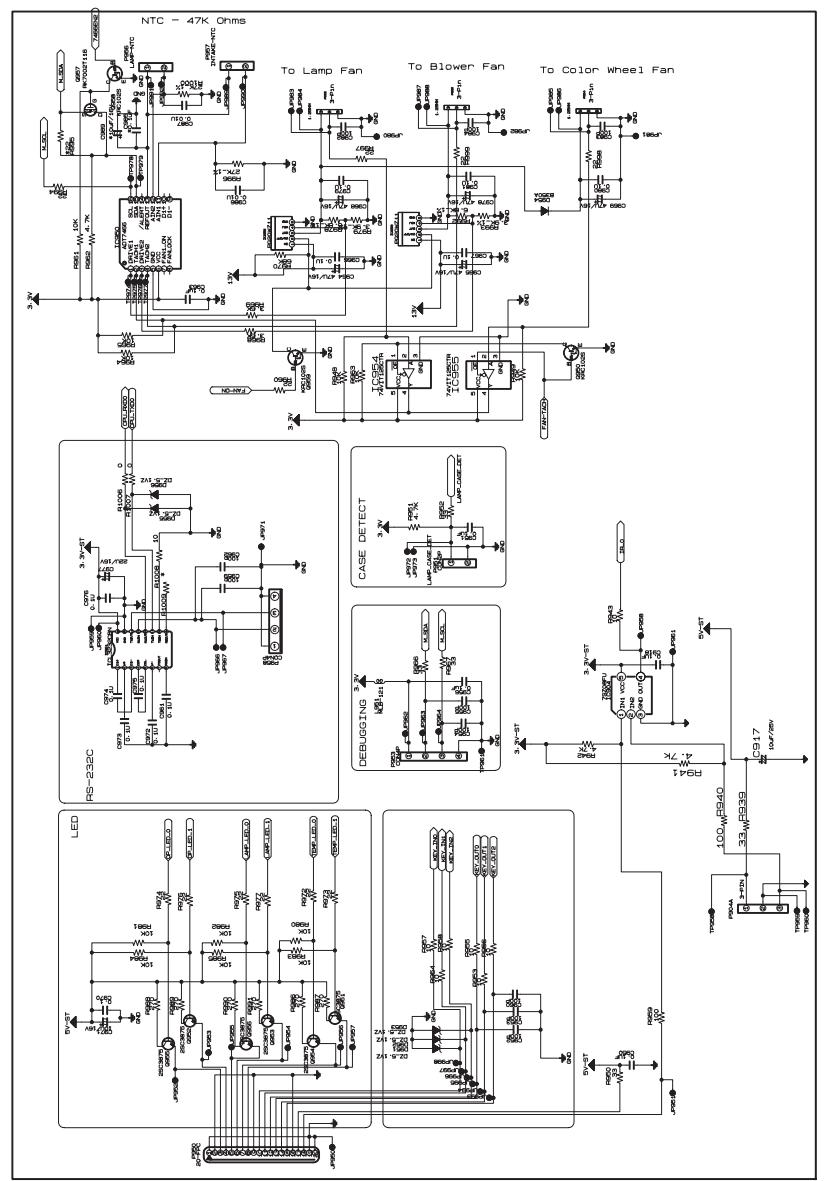
### LED

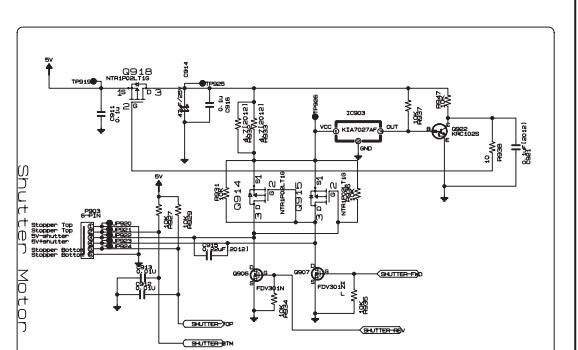
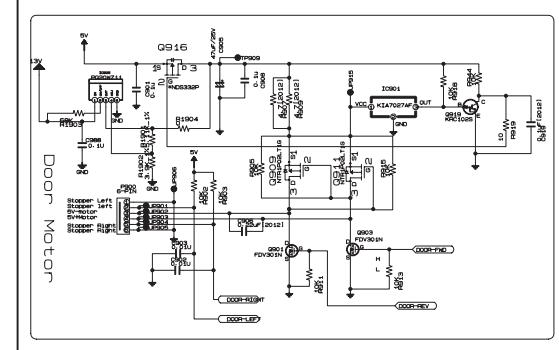
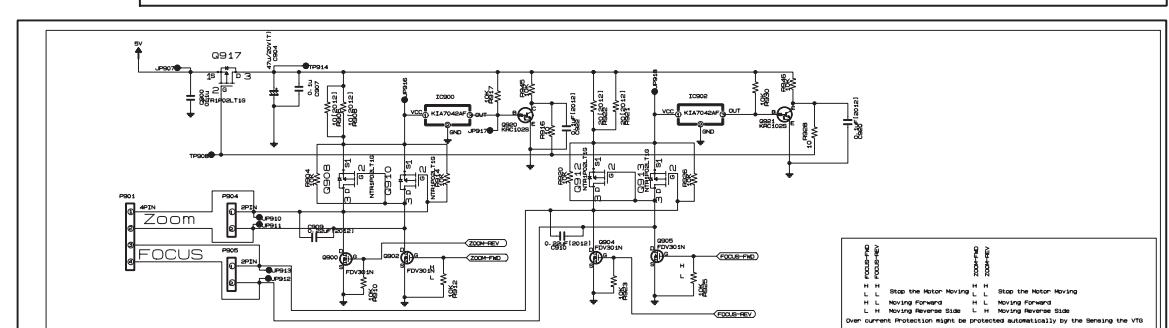
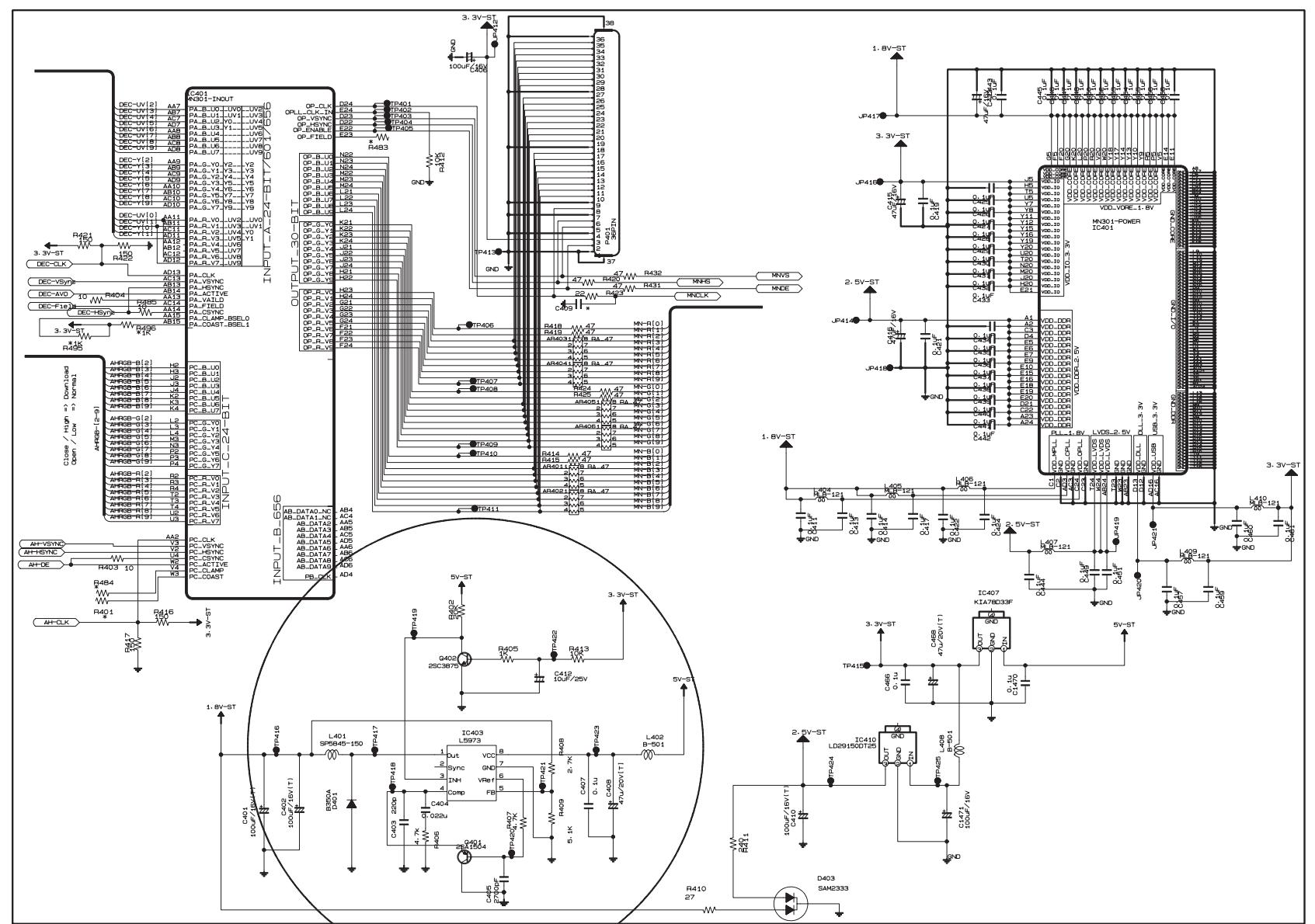
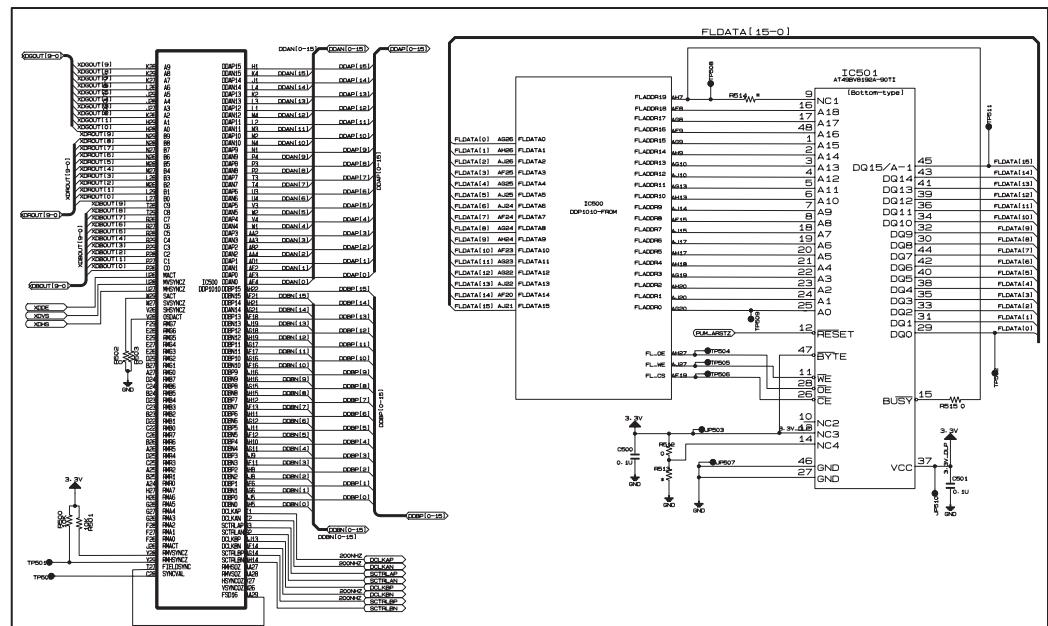
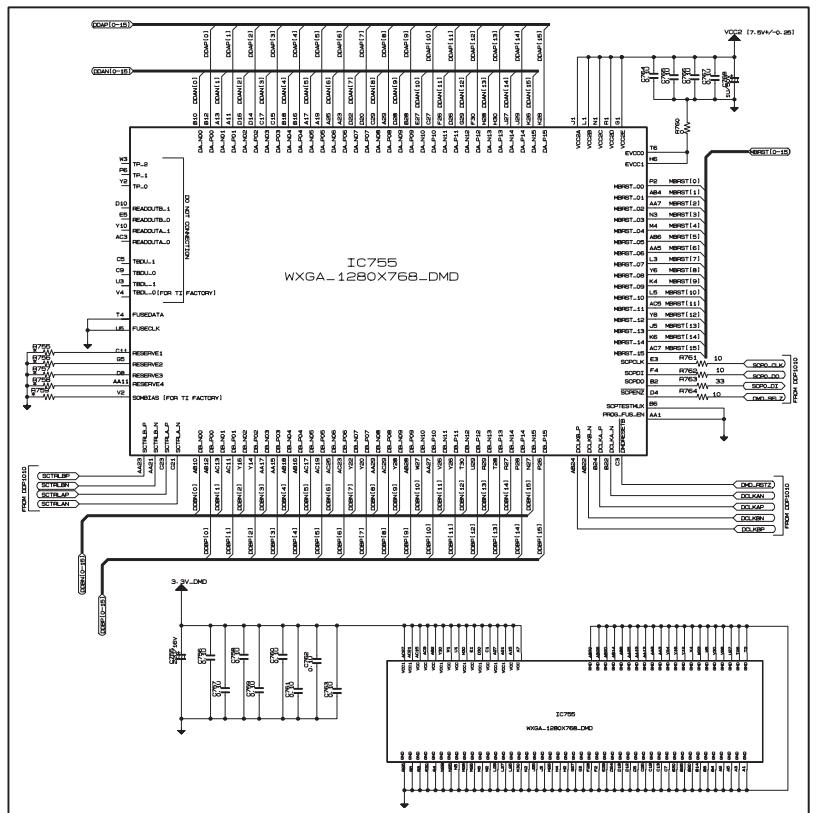
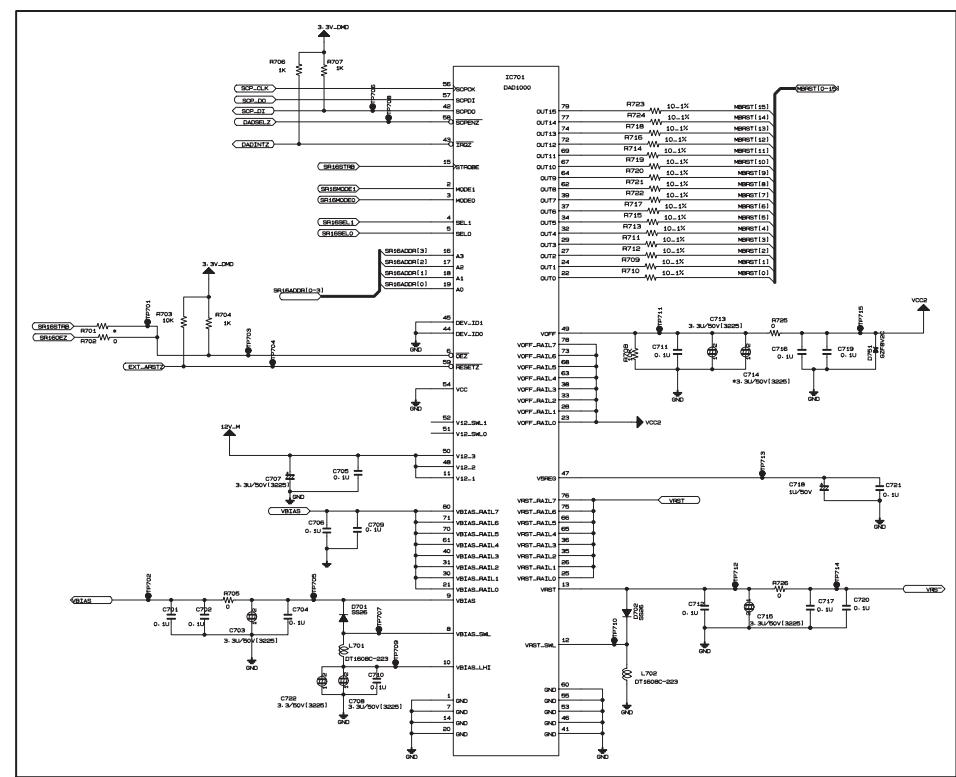
D10	0DLLT0110AA	LITEON LTL-1BEHJ-1 BK ORANGE/GREEN 100
D100	0DL233309AC	SAM2333 TP GREEN:10MCD, RED:6MCD
D103	0DL233309AC	SAM2333 TP GREEN:10MCD, RED:6MCD
D11	0DLLT0110AA	LITEON LTL-1BEHJ-1 BK ORANGE/GREEN 100
D12	0DLLT0110AA	LITEON LTL-1BEHJ-1 BK ORANGE/GREEN 100
D403	0DL233309AC	SAM2333 TP GREEN:10MCD, RED:6MCD
D557	0DL233309AC	SAM2333 TP GREEN:10MCD, RED:6MCD
D653	0DL233309AC	SAM2333 TP GREEN:10MCD, RED:6MCD
D815	0DL233309AC	SAM2333 TP GREEN:10MCD, RED:6MCD
D816	0DL233309AC	SAM2333 TP GREEN:10MCD, RED:6MCD

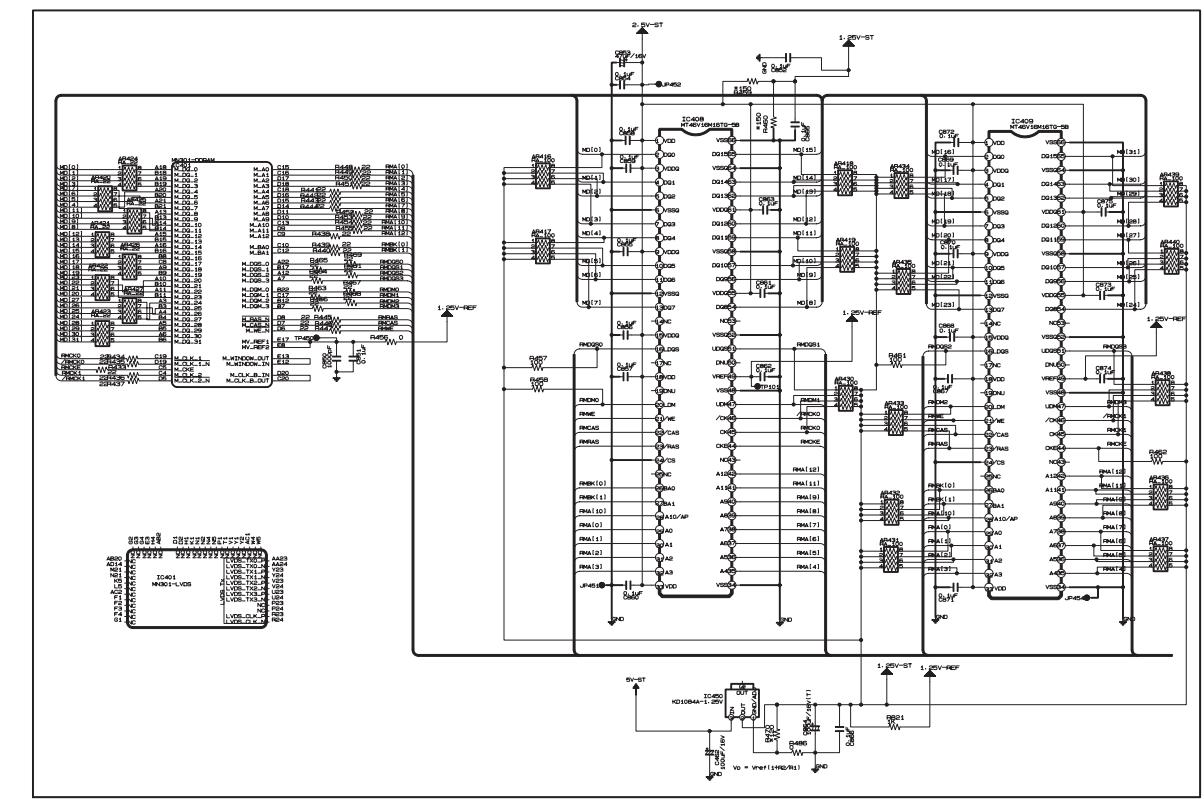
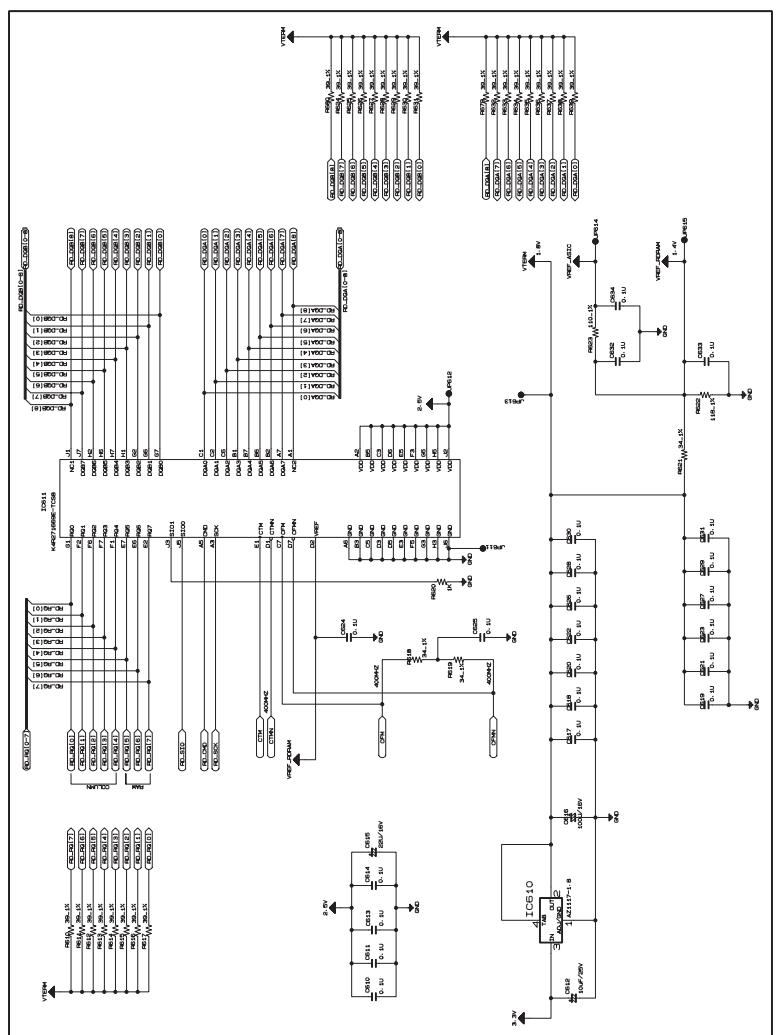
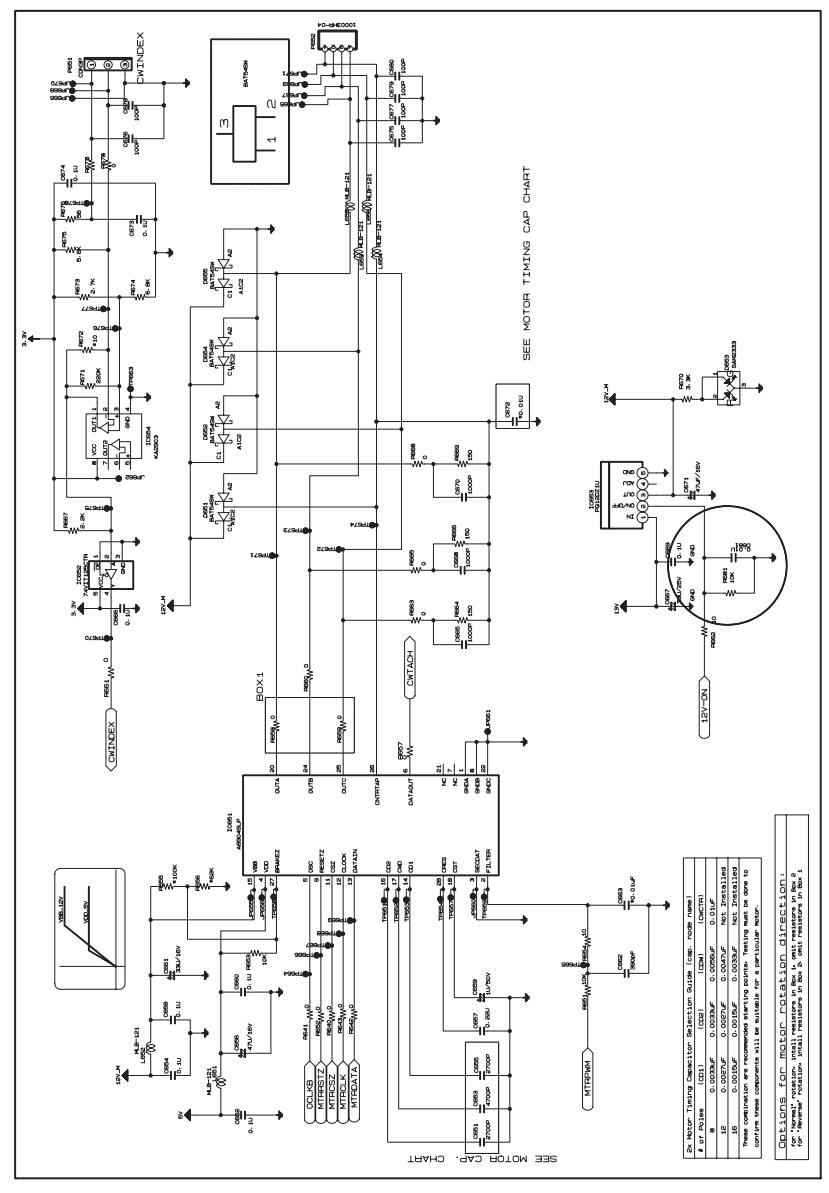
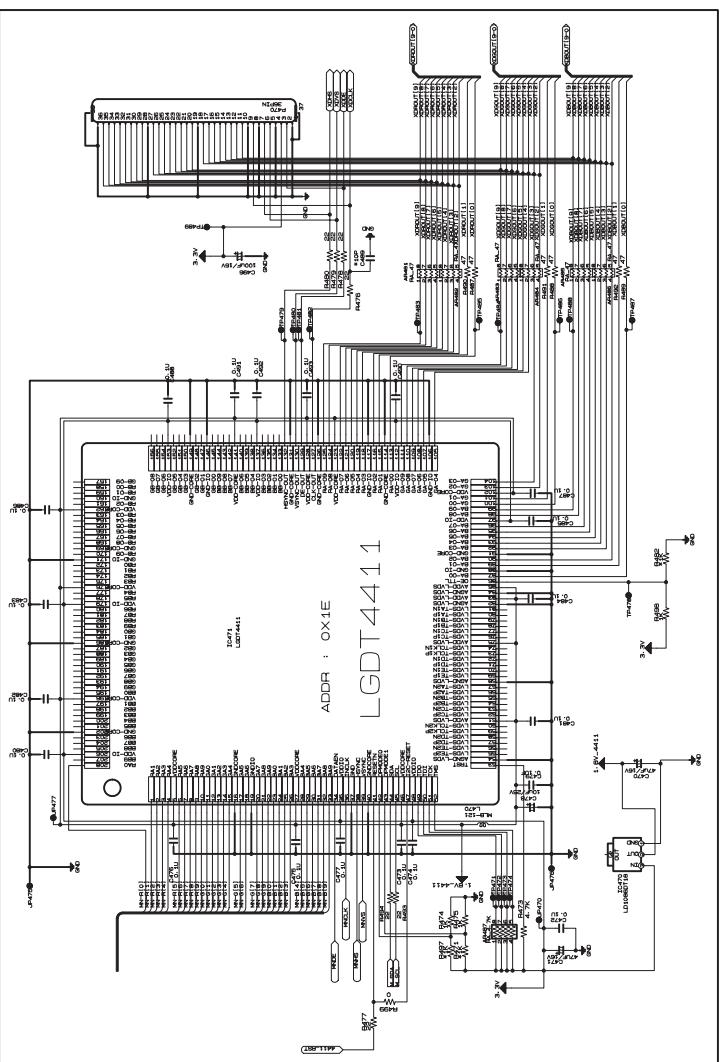
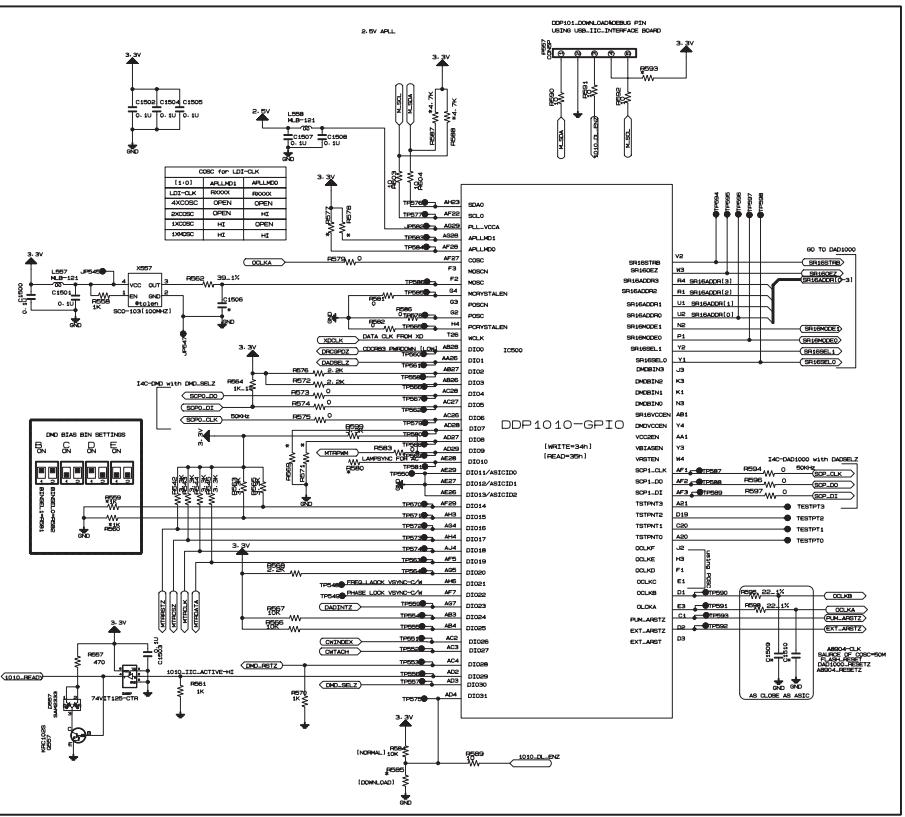
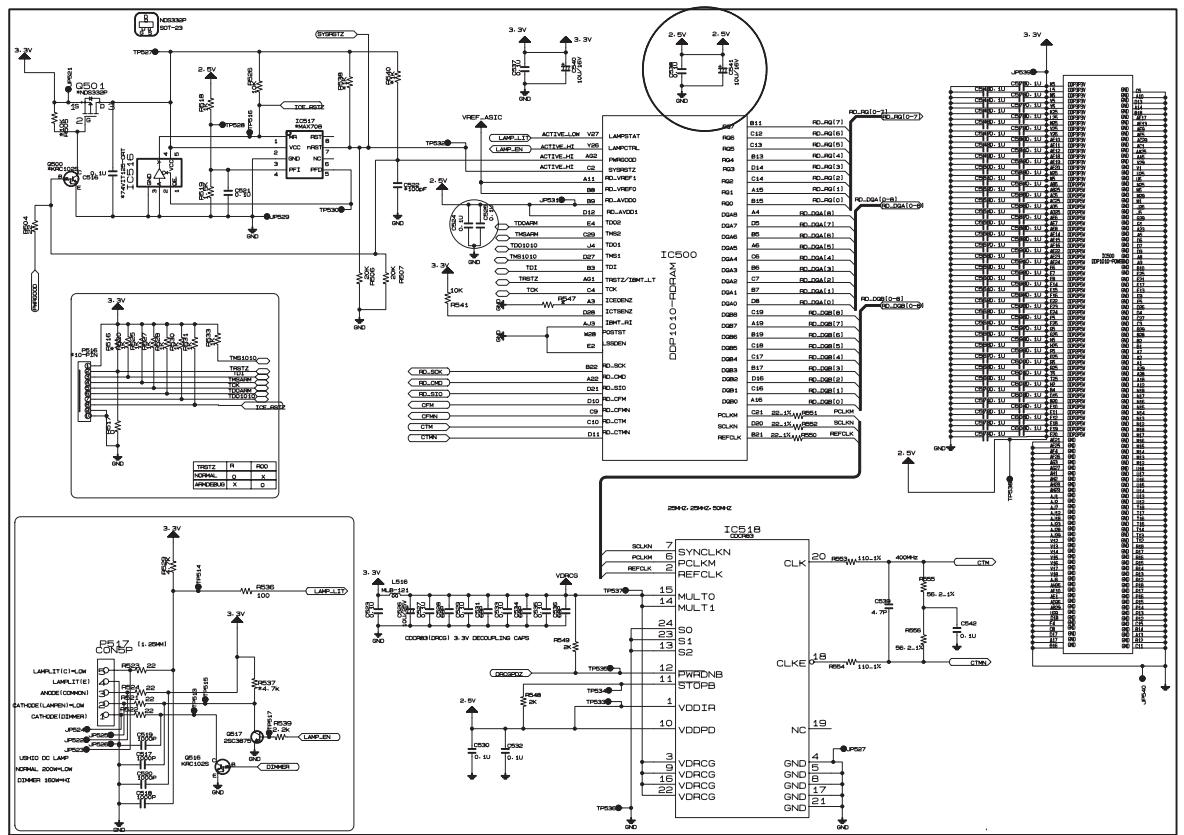
### SWITCH

SW10	140-315A	SKHV17910B 12V 0.05A HORIZONTAL 160G
SW101	6600VR1004A	SKHMPW 5P J-ALPS .V .A HORIZONTAL .G
SW11	140-315A	SKHV17910B 12V 0.05A HORIZONTAL 160G
SW12	140-315A	SKHV17910B 12V 0.05A HORIZONTAL 160G
SW13	140-315A	SKHV17910B 12V 0.05A HORIZONTAL 160G
SW14	140-315A	SKHV17910B 12V 0.05A HORIZONTAL 160G
SW16	140-315A	SKHV17910B 12V 0.05A HORIZONTAL 160G
SW17	140-315A	SKHV17910B 12V 0.05A HORIZONTAL 160G
SW18	140-315A	SKHV17910B 12V 0.05A HORIZONTAL 160G

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
<b>FILTER &amp; CRYSTAL</b>					
L101	0LCML00003B	MLB-201209-0120P-N2 5A	A3	6410VHH001B	POWER CORD, SP502B+IS-034 3ASL/75
L201	6210TCE001A	HB-1S2012-080JT CERATEC 2012MM	A4	6850F00005A	CABLE,D-SUB TO RCA UL1354 AWG28 100MM
L202	6210TCE001A	HB-1S2012-080JT CERATEC 2012MM	A5	6852TAZ006Z	CORD,A/V RCA 3000MM 1P UL2863AWG26
L203	6210TCE001A	HB-1S2012-080JT CERATEC 2012MM	A6	6866VA9001A	CONNECTOR (CIRC),D-SUB 2990-9C AT
<b>MISCELLANEOUS</b>					
L204	6210TCE001A	HB-1S2012-080JT CERATEC 2012MM	NR03	6322A00028A	THERMISTOR,NTC NCP18WB473F10RB
L205	0LCML00003B	MLB-201209-0120P-N2 5A	NR04	6322A00028A	THERMISTOR,NTC NCP18WB473F10RB
L206	0LCML00003B	MLB-201209-0120P-N2 5A	PA01	6712000002B	REMOTE CONTROLLER RECEIVER,KSM-603SM12E-1
L207	0LCML00003B	MLB-201209-0120P-N2 5A	PA10	6712000002B	REMOTE CONTROLLER RECEIVER,KSM-603SM12E-1
L304	6210TCE001A	HB-1S2012-080JT CERATEC 2012MM	X557	6204B47985C	OSCILLATOR, SCO-103 100MHZ +/- 100 PPM
L305	6210TCE001A	HB-1S2012-080JT CERATEC 2012MM			
L306	6210TCE001A	HB-1S2012-080JT CERATEC 2012MM			
L307	6210TCE001A	HB-1S2012-080JT CERATEC 2012MM			
L402	6210TCE001G	HH-1M3216-501 CERATEC 3216MM R/TP			
L404	0LCML00003B	MLB-201209-0120P-N2 5A			
L405	0LCML00003B	MLB-201209-0120P-N2 5A			
L406	0LCML00003B	MLB-201209-0120P-N2 5A			
L407	0LCML00003B	MLB-201209-0120P-N2 5A			
L408	6210TCE001G	HH-1M3216-501 CERATEC 3216MM R/TP			
L409	0LCML00003B	MLB-201209-0120P-N2 5A			
L410	0LCML00003B	MLB-201209-0120P-N2 5A			
L470	0LCML00003B	MLB-201209-0120P-N2 5A			
L516	0LCML00003B	MLB-201209-0120P-N2 5A			
L557	0LCML00003B	MLB-201209-0120P-N2 5A			
L558	0LCML00003B	MLB-201209-0120P-N2 5A			
L651	0LCML00003B	MLB-201209-0120P-N2 5A			
L652	0LCML00003B	MLB-201209-0120P-N2 5A			
L653	0LCML00003B	MLB-201209-0120P-N2 5A			
L654	0LCML00003B	MLB-201209-0120P-N2 5A			
L655	0LCML00003B	MLB-201209-0120P-N2 5A			
L656	0LCML00003B	MLB-201209-0120P-N2 5A			
L731	0LCML00003B	MLB-201209-0120P-N2 5A			
L732	0LCML00003B	MLB-201209-0120P-N2 5A			
L801	6210TCE001G	HH-1M3216-501 CERATEC 3216MM R/TP			
L802	6210TCE001G	HH-1M3216-501 CERATEC 3216MM R/TP			
L806	6210TCE001G	HH-1M3216-501 CERATEC 3216MM R/TP			
L951	0LCML00003B	MLB-201209-0120P-N2 5A			
X101	6202TST001K	RESONATOR,CRYSTAL SCO-103 48MHZ			
X200	6202VDT002B	RESONATOR,CRYSTAL SX-1 SC14.3MHZ			
X300	6202VDT002B	RESONATOR,CRYSTAL SX-1 SC14.3MHZ			
<b>JACK</b>					
JK201	6612B00015A	DC1R019NDA JAE 1.0MM,19PIN,HDMI JACK			
JK60	380-336G	WA6013-32-40 A/V 1P SWITCH YL H=8			
JK61	380-363K	PJ6046G H=8.0 W/O S/W,W/SHIELD			
<b>ACCESSORIES</b>					
A1	3828VA0577A	MANUAL, USER EN 3880VA0045B			
A1	3828VA0577D	MANUAL, USER EN/GE/FR/SW 3880VA0045B			
A2	6710V00133M	REMOTE CONTROLLER,RE058A WHITE DECO.			
A3	6410VEH008A	POWER CORD, SP022+IS034 H05VV-F			

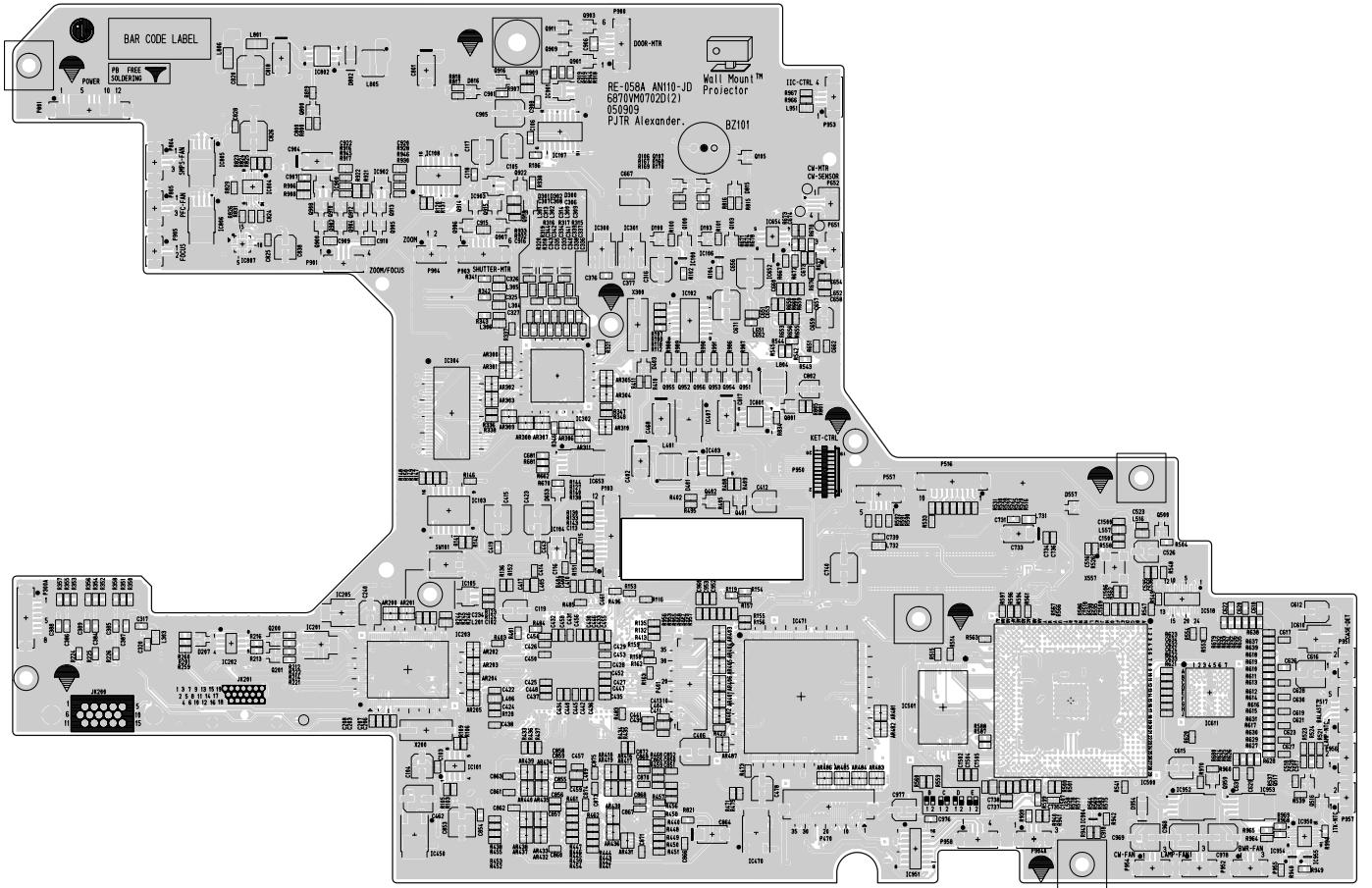




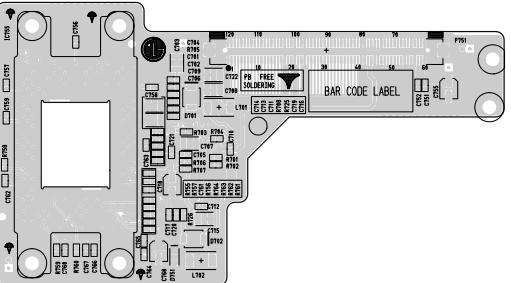


### PRINTED CIRCUIT BOARD

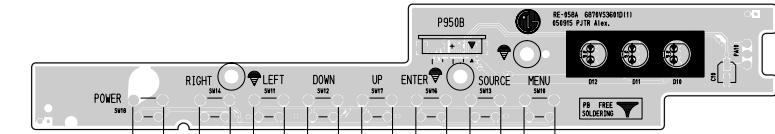
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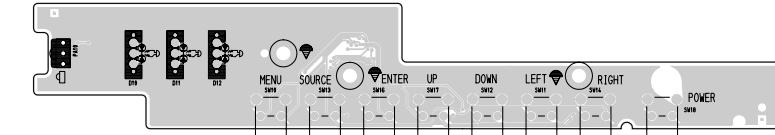
DMD(TOP)



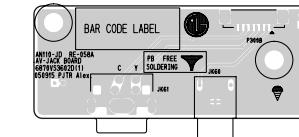
KEYPAD(TOP)



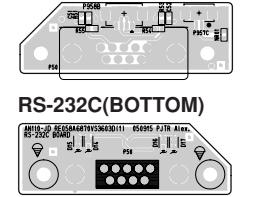
KEYPAD(BOTTOM)



AV-JACK(TOP)



RS-232C(TOP)



SENSOR1



SENSOR2



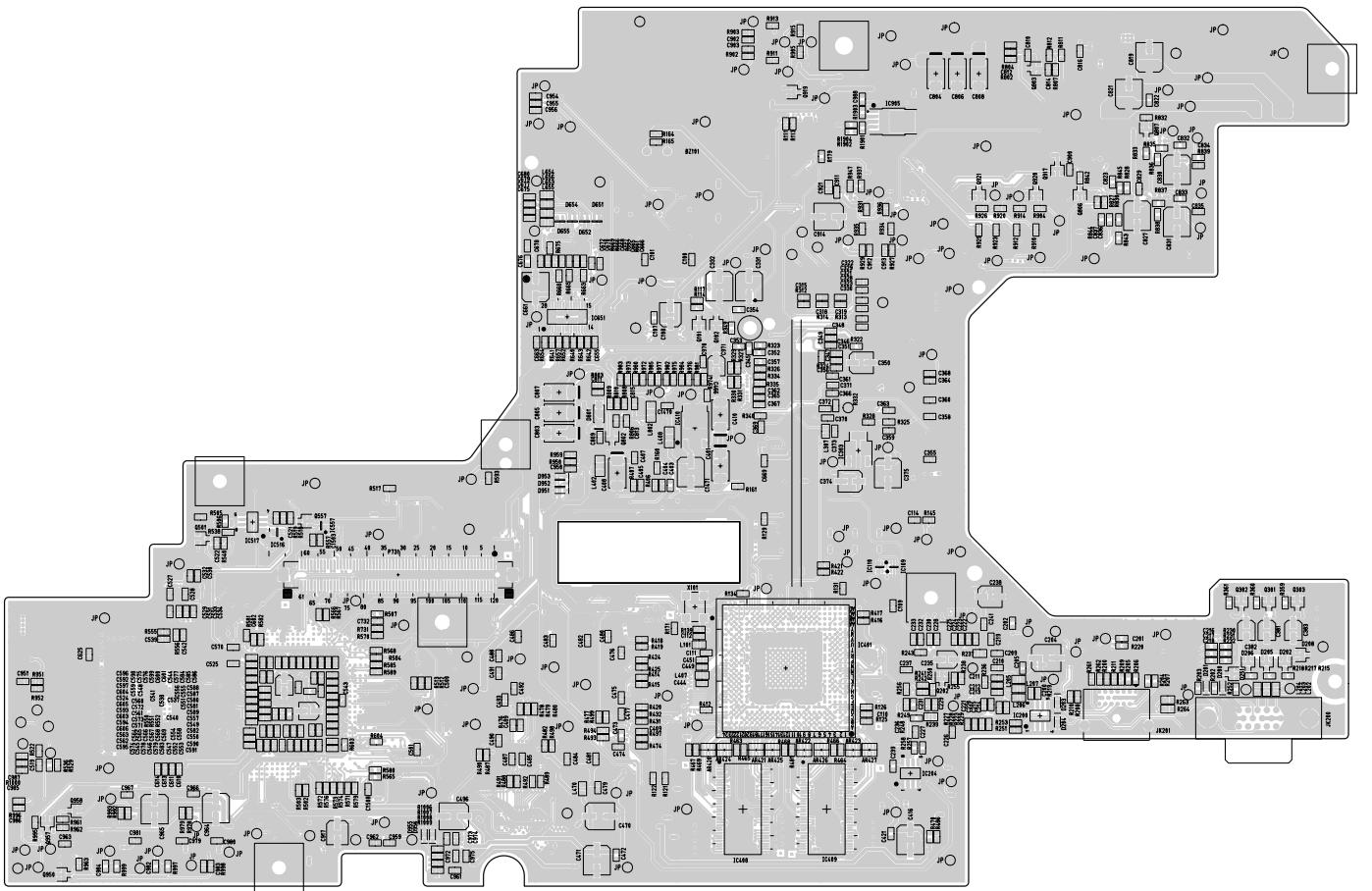
IR



CW



MAIN(BOTTOM)





**LG Electronics Inc.**

P/NO : 3828VD0085Y

Sep., 2005  
Printed in Korea