



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

# LCD TV

# SERVICE MANUAL

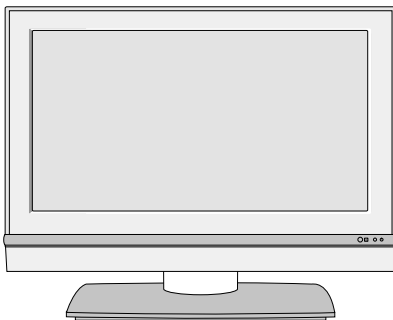
**CHASSIS : LD61A**

**FACTORY NAME : 32LC2D(B)-EC/37LC2D(B)-EC/42LC2D(B)-EC**

**MODEL : 32LC2D(B)/37LC2D(B)/42LC2D(B)**

## **CAUTION**

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



# CONTENTS

<b>CONTENTS .....</b>	<b>2</b>
<b>PRODUCT SAFETY .....</b>	<b>3</b>
<b>SPECIFICATION .....</b>	<b>6</b>
<b>ADJUSTMENT INSTRUCTION .....</b>	<b>13</b>
<b>TROUBLE SHOOTING .....</b>	<b>17</b>
<b>BLOCK DIAGRAM.....</b>	<b>30</b>
<b>EXPLODED VIEW .....</b>	<b>32</b>
<b>REPLACEMENT PARTS LIST .....</b>	<b>38</b>
<b>SVC. SHEET .....</b>	

# 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 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.

### Before returning the receiver to the customer,

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

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

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

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

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

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

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

Plug the AC cord directly into the AC outlet.

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

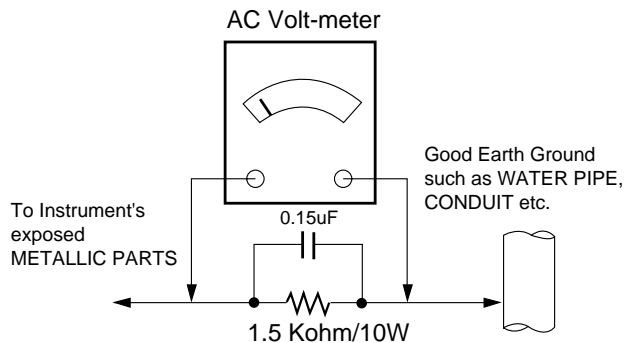
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.

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

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

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

### Leakage Current Hot Check circuit



# SERVICING PRECAUTIONS

**CAUTION:** Before servicing receivers covered by this service manual and its supplements and addenda, read and follow the *SAFETY PRECAUTIONS* on page 3 of this publication.

**NOTE:** If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions on page 3 of this publication, always follow the safety precautions. Remember: Safety First.

## General Servicing Precautions

1. Always unplug the receiver AC power cord from the AC power source before;
  - a. Removing or reinstalling any component, circuit board module or any other receiver assembly.
  - b. Disconnecting or reconnecting any receiver electrical plug or other electrical connection.
  - c. Connecting a test substitute in parallel with an electrolytic capacitor in the receiver.

**CAUTION:** A wrong part substitution or incorrect polarity installation of electrolytic capacitors may result in an explosion hazard.

2. Test high voltage only by measuring it with an appropriate high voltage meter or other voltage measuring device (DVM, FETVOM, etc) equipped with a suitable high voltage probe. Do not test high voltage by "drawing an arc".

3. Do not spray chemicals on or near this receiver or any of its assemblies.

4. Unless specified otherwise in this service manual, clean electrical contacts only by applying the following mixture to the contacts with a pipe cleaner, cotton-tipped stick or comparable non-abrasive applicator; 10% (by volume) Acetone and 90% (by volume) isopropyl alcohol (90%-99% strength)

**CAUTION:** This is a flammable mixture.

Unless specified otherwise in this service manual, lubrication of contacts is not required.

5. Do not defeat any plug/socket B+ voltage interlocks with which receivers covered by this service manual might be equipped.
6. Do not apply AC power to this instrument and/or any of its electrical assemblies unless all solid-state device heat sinks are correctly installed.
7. Always connect the test receiver ground lead to the receiver chassis ground before connecting the test receiver positive lead.

Always remove the test receiver ground lead last.

8. Use with this receiver only the test fixtures specified in this service manual.

**CAUTION:** Do not connect the test fixture ground strap to any heat sink in this receiver.

## Electrostatically Sensitive (ES) Devices

Some semiconductor (solid-state) devices can be damaged easily by static electricity. Such components commonly are called *Electrostatically Sensitive (ES) Devices*. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed to prevent potential shock reasons prior to applying power to the

unit under test.

2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static type solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.  
**CAUTION:** Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device.)

## General Soldering Guidelines

1. Use a grounded-tip, low-wattage soldering iron and appropriate tip size and shape that will maintain tip temperature within the range or 500° F to 600° F.
2. Use an appropriate gauge of RMA resin-core solder composed of 60 parts tin/40 parts lead.
3. Keep the soldering iron tip clean and well tinned.
4. Thoroughly clean the surfaces to be soldered. Use a mall wire-bristle (0.5 inch, or 1.25cm) brush with a metal handle. Do not use freon-propelled spray-on cleaners.
5. Use the following unsoldering technique
  - a. Allow the soldering iron tip to reach normal temperature. (500° F to 600° F)
  - b. Heat the component lead until the solder melts.
  - c. Quickly draw the melted solder with an anti-static, suction-type solder removal device or with solder braid.  
**CAUTION:** Work quickly to avoid overheating the circuitboard printed foil.
6. Use the following soldering technique.
  - a. Allow the soldering iron tip to reach a normal temperature (500° F to 600° F)
  - b. First, hold the soldering iron tip and solder the strand against the component lead until the solder melts.
  - c. Quickly move the soldering iron tip to the junction of the component lead and the printed circuit foil, and hold it there only until the solder flows onto and around both the component lead and the foil.  
**CAUTION:** Work quickly to avoid overheating the circuit board printed foil.
  - d. Closely inspect the solder area and remove any excess or splashed solder with a small wire-bristle brush.

## IC Remove/Replacement

Some chassis circuit boards have slotted holes (oblong) through which the IC leads are inserted and then bent flat against the circuit foil. When holes are the slotted type, the following technique should be used to remove and replace the IC. When working with boards using the familiar round hole, use the standard technique as outlined in paragraphs 5 and 6 above.

### Removal

1. Desolder and straighten each IC lead in one operation by gently prying up on the lead with the soldering iron tip as the solder melts.
2. Draw away the melted solder with an anti-static suction-type solder removal device (or with solder braid) before removing the IC.

### Replacement

1. Carefully insert the replacement IC in the circuit board.
2. Carefully bend each IC lead against the circuit foil pad and solder it.
3. Clean the soldered areas with a small wire-bristle brush. (It is not necessary to reapply acrylic coating to the areas).

## "Small-Signal" Discrete Transistor

### Removal/Replacement

1. Remove the defective transistor by clipping its leads as close as possible to the component body.
2. Bend into a "U" shape the end of each of three leads remaining on the circuit board.
3. Bend into a "U" shape the replacement transistor leads.
4. Connect the replacement transistor leads to the corresponding leads extending from the circuit board and crimp the "U" with long nose pliers to insure metal to metal contact then solder each connection.

## Power Output, Transistor Device

### Removal/Replacement

1. Heat and remove all solder from around the transistor leads.
2. Remove the heat sink mounting screw (if so equipped).
3. Carefully remove the transistor from the heat sink of the circuit board.
4. Insert new transistor in the circuit board.
5. Solder each transistor lead, and clip off excess lead.
6. Replace heat sink.

## Diode Removal/Replacement

1. Remove defective diode by clipping its leads as close as possible to diode body.
2. Bend the two remaining leads perpendicular y to the circuit board.
3. Observing diode polarity, wrap each lead of the new diode around the corresponding lead on the circuit board.
4. Securely crimp each connection and solder it.
5. Inspect (on the circuit board copper side) the solder joints of the two "original" leads. If they are not shiny, reheat them and if necessary, apply additional solder.

## Fuse and Conventional Resistor

### Removal/Replacement

1. Clip each fuse or resistor lead at top of the circuit board hollow stake.
2. Securely crimp the leads of replacement component around notch at stake top.
3. Solder the connections.

**CAUTION:** Maintain original spacing between the replaced component and adjacent components and the circuit board to prevent excessive component temperatures.

## Circuit Board Foil Repair

Excessive heat applied to the copper foil of any printed circuit board will weaken the adhesive that bonds the foil to the circuit board causing the foil to separate from or "lift-off" the board. The following guidelines and procedures should be followed whenever this condition is encountered.

### At IC Connections

To repair a defective copper pattern at IC connections use the following procedure to install a jumper wire on the copper pattern side of the circuit board. (Use this technique only on IC connections).

1. Carefully remove the damaged copper pattern with a sharp knife. (Remove only as much copper as absolutely necessary).
2. Carefully scratch away the solder resist and acrylic coating (if used) from the end of the remaining copper pattern.
3. Bend a small "U" in one end of a small gauge jumper wire and carefully crimp it around the IC pin. Solder the IC connection.
4. Route the jumper wire along the path of the out-away copper pattern and let it overlap the previously scraped end of the good copper pattern. Solder the overlapped area and clip off any excess jumper wire.

### At Other Connections

Use the following technique to repair the defective copper pattern at connections other than IC Pins. This technique involves the installation of a jumper wire on the component side of the circuit board.

1. Remove the defective copper pattern with a sharp knife. Remove at least 1/4 inch of copper, to ensure that a hazardous condition will not exist if the jumper wire opens.
  2. Trace along the copper pattern from both sides of the pattern break and locate the nearest component that is directly connected to the affected copper pattern.
  3. Connect insulated 20-gauge jumper wire from the lead of the nearest component on one side of the pattern break to the lead of the nearest component on the other side. Carefully crimp and solder the connections.
- CAUTION:** Be sure the insulated jumper wire is dressed so the it does not touch components or sharp edges.

# SPECIFICATION

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

## 1.General Specification(TV)

No	Item	Specification	Remark
1.	Video input applicable system	PAL-D/K, B/G, I, NTSC-M, SECAM NTSC 4.43	
2.	Receivable Broadcasting System	1) PAL/SECAM BG 2) PAL/SECAM DK 3) PAL I/I 4) SECAM L/L'	EU/Non-EU (PAL Market)
		5) PAL-N/M 6) NTSC M	5),6) South America Market
3.	RF Input Channel	VHF : E2 ~ E12 UHF : E21 ~ E69 CATV : S1 ~ S20 HYPER : S21~ S47	PAL
		L/L' : B, C, D	FRANCE
		VHF : 2~13 UHF : 14~69 CATV : 1~125	NTSC
		VHF Low : 1 ~ M10 VHF High : 4~S22 UHF : S23~62	JAPAN
4.	Input Voltage	AC 100 ~ 240V/50Hz, 60Hz	
5.	Market	UK	
6.	Picture Size	800.4mm	32inch
		940.3mm	37inch
		1067.308mm	42inch
7.	Tuning System	FVS 100 program FS	PAL, 200 PR.(Option) NTSC
8.	Operating Environment	1) Temp : 0 ~ 40 deg 2) Humidity : 10~90 %	
9.	Storage Environment	3) Temp : -20 ~ 50 deg 4) Humidity : 10~90 %	
10.	Display	LCD Module	LPL

## 2. General Specification

No	Item	Specification			Remark
1	Panel	32", 37", 42" TFT WXGA LCD			
2	Frequency range	H : 31 ~ 61Khz V : 56 ~ 75Hz			PC Input
3	Control Function	1) Contrast/Brightness 2) H-Position / V-Position 3) Tracking : Clock / Phase 4) Auto Configure 5) Reset			
4	Component Jack	1 : Y 3 : Pb 5 : Pr			Middle east / NTSC Area
5		H/V-Sync	Video	Power consumption	LED
	Power ON	-	-	≤ 150W(32") ≤ 190W(37") ≤ 240W(42")	Green Green
	Stand by Power off	-	-	≤ 3.0W -	Red *
6	LCD Module	Type Size	32"	760.0x450.0x48.0(mm)	(H)x(V)x(D)
			37"	877.0 x 516.8 x 55.5(mm)	
			42"	1006 x 610 x 56(mm)	
		Pixel Pitch	32"	0.1702 x 0.5107 x RGB(mm)	
			37"	0.200 x 0.600 x RGB	
			42"	0.227 x 0.681 x RGB	
		Pixel Format	1366 horiz. By 768 vert. Pixels RGB strip arrangement		
		Coating	Hard coating(3H), Anti-glare reatment of the front polarizer,		
		Back Light	32"	18EEFL	
			37"	20EEFL	
42"	20CCFL				

### 3.Optical Feature(LCD Module)

No	Item	Specification		Min.	Typ.	Max.	Remark	
1	Viewing Angle <CR>10>	R/L, U/D		178, 178				
2	Luminance	Luminance(cd/m <sup>2</sup> )		400	500		32/37/42	
		Variation				1.3	MAX/MIN	
3	Contrast Ratio	CR(32", 37")		600	800		All White/All Black	
		CR(42")		400	550		All White/All Black	
		CR <sub>D</sub> (32", 37")		1200	1600		All White/All Black	
		CR <sub>D</sub> (42")		800	1100			
4	CIE Color Coordinates	White	Wx	Typ -0.03	0.285	Typ +0.03	LPL(32")	
			Wy		0.293			
		Red	Xr		0.640			
			Yr		0.343			
		Green	Xg		0.280			
			Yg		0.605			
		Blue	Xb	0.145				
			Yb	0.065				
		White	Wx	Typ -0.03	0.285	Typ +0.03		LPL(37")
			Wy		0.293			
		Red	Xr		0.640			
			Yr		0.341			
		Green	Xg		0.287			
			Yg		0.610			
		Blue	Xb	0.146				
			Yb	0.069				
		White	Wx	Typ -0.03	0.281	Typ +0.03	LPL(42")	
			Wy		0.293			
		Red	Xr		0.639			
			Yr		0.340			
		Green	Xg		0.284			
			Yg		0.604			
		Blue	Xb	0.145				
			Yb	0.064				

### 4.Component Video Input (Y, PB, PR)

No	Specification			Proposed
	Resolution	H-freq(kHz)	V-freq(Hz)	
1.	720x480	15.73	60	SDTV, DVD 480i
2.	720x480	15.63	59.94	SDTV, DVD 480i
3.	720x480	31.47	59.94	EDTV 480p
4.	720x576	15.625	50.00	SDTV, DVD 625 Line
5.	720x576	31.25	50.00	HDTV 576p
6.	1280x720	45.00	60.00	HDTV 720p
7.	1280x720	44.96	59.94	HDTV 720p
8.	1920x1080	31.25	50.00	HDTV 1080i
9.	1920x1080	33.75	60.00	HDTV 1080i
10.	1920x1080	33.72	59.94	HDTV 1080i



## 5. RGB PC INPUT Mode Table

No	Resolution	H-freq(kHz)	V-freq.(Hz)	Pixel clock(MHz)	Proposed
Analog RGB, Digital RGB					
1	720x400	31.468	70.8	28.321	
2	640x480	31.469	59.94	25.17	VESA
		37.684	75.00	31.5	VESA
3	800x600	37.879	60.31	40.00	VESA
		46.875	75	49.5	VESA
4	832x624	49.725	74.55	57.283	
5	1024x768	48.363	60.00	65.00	VESA(XGA)
		56.47	70.00	75.00	VESA(XGA)
		60.123	75.029	78.75	VESA(XGA)
6	1280x768	47.776	59.870	79.50	VESA(WXGA)
7	1360x768	47.720	59.799	84.75	VESA(WXGA)
8	1366x768	47.720	59.799	84.75	Supported

## 6. RGB DTV INPUT Mode Table

No	Resolution	H-freq(kHz)	V-freq.(Hz)	Pixel clock(MHz)	Proposed
1	720x576	31.25	50.00	SDTV 576p 50Hz	
2	720x480	31.47	59.94	SDTV 480p 60Hz	
3	1280x720	45.00	50.00	HDTV 720p 50Hz	HDCP
4	1280x720	44.96	59.94	HDTV 720p 60Hz	HDCP
5	1920x1080	28.13	50.00	HDTV 1080i 50Hz	HDCP
6	1920x1080	33.72	59.94	HDTV 1080i 60Hz	HDCP

### \* RGB-PC EDID DATA

	0x00	0x01	0x02	0x03	0x04	0x05	0x06	0x07	0x08	0x09	0x0A	0x0B	0x0C	0x0D	0x0E	0x0F	
0x00	00	FF	FF	FF	FF	FF	FF	00	1E	6D	Product code		Serial No				
0x01	Month/Year		01	03	01	46	27	78	EA	D9	B0	A3	57	49	9C	25	
0x02	11	49	4B	A5	6E	80	31	40	01	01	01	01	45	40	01	01	
0x03	61	40	01	01	01	01	1B	21	50	A0	51	00	1E	30	48	88	
0x04	35	00	BC	88	21	00	00	1C	4E	1F	00	80	51	00	1E	30	
0x05	40	80	37	00	BC	88	21	00	00	18	00	00	00	FD	00	38	
0x06	4B	1F	3D	09	00	0A	20	20	20	20	20	20	00	00	00	FC	
0x07	00	Model Name										0A	20	20	20	00	C/S

### \* Product code

Model Name	Product Code	Product Code
		EDID Table
32LC2D	30066	7572
37LC2D	30068	7574
42LC2D	40028	9C5C

\* Serial No. : Controlled on production line

\* Month, Year : Controlled on production line : ex) Montly : '03' => '03', Year. '2005' => '0F'

\* Model Name(Hex) :

Model Name	Model Name(Hex)
32LC2D	33324C4332442D4543
37LC2D	33374C4332442D4543
42LC2D	34324C4332442D4543

\* Checksum : Changeable by total EDID data

## 7. HDMI INPUT Mode Table

No	Resolution	H-freq(kHz)	V-freq.(Hz)	Pixel clock(MHz)	Proposed
	Analog RGB, Digital RGB				
1	720x400	31.468	70.8	28.321	
2	640x480	31.469	59.94	25.17	VESA
		37.684	75.00	31.5	VESA
3	800x600	37.879	60.31	40.00	VESA
		46.875	75	49.5	VESA
4	832x624	49.725	74.55	57.283	
5	1024x768	48.363	60.00	65.00	VESA(XGA)
		56.47	70.00	75.00	VESA(XGA)
		60.123	75.029	78.75	VESA(XGA)
6	1280x768	47.776	59.870	79.50	VESA(WXGA)
7	1360x768	47.720	59.799	84.75	VESA(WXGA)
8	1366x768	47.720	59.799	84.75	Supported

## 8. HDMI DTV Mode Table

No	Resolution	H-freq(kHz)	V-freq.(Hz)	Pixel clock(MHz)	Proposed
1	720x576	31.25	50.00	SDTV 576p 50Hz	
2	640x480	31.5	59.94/60	SDTV 480p 60Hz	
3	720x480	31.47	59.94/60	SDTV 480p 60Hz	
4	1280x720	45.00	50.00	HDTV 720p 50Hz	HDCP
5	1280x720	44.96	59.94/60	HDTV 720p 60Hz	HDCP
6	1920x1080	28.13	50.00	HDTV 1080i 50Hz	HDCP
7	1920x1080	33.72	59.94/60	HDTV 1080i 60Hz	HDCP

## \* HDMI EDID DATA

	0x00	0x01	0x02	0x03	0x04	0x05	0x06	0x07	0x08	0x09	0x0A	0x0B	0x0C	0x0D	0x0E	0x0F
0x00	00	FF	FF	FF	FF	FF	FF	00	1E	6D	Product code		Serial No			
0x01	Month/Year		01	03	80	46	27	78	EA	D9	B0	A3	57	49	9C	25
0x02	11	49	4B	A5	6E	80	31	40	01	01	01	01	45	40	01	01
0x03	61	40	01	01	01	01	1B	21	50	A0	51	00	1E	30	48	88
0x04	35	00	BC	88	21	00	00	1C	4E	1F	00	80	51	00	1E	30
0x05	40	80	37	00	BC	88	21	00	00	18	00	00	00	FC	00	
0x06	Model Name								0A	20	20	00	00	00	00	FD
0x07	00	38	4B	1F	3D	09	00	0A	20	20	20	20	20	20	01	C/S
0x00	02	03	24	F1	49	85	04	02	01	03	11	12	13	14	23	09
0x01	07	07	23	09	07	07	23	09	07	07	83	01	00	00	65	03
0x02	0C	00	10	00	01	1D	00	80	51	D0	1C	20	40	80	35	00
0x03	BC	88	21	00	00	1E	8C	0A	D0	8A	20	E0	2D	10	10	3E\
0x04	96	00	13	8E	21	00	00	18	2A	12	00	10	41	43	17	20
0x05	28	60	35	00	00	00	32	00	00	1C	01	1D	80	18	71	1C
0x06	16	20	58	2C	25	00	C4	8E	21	00	00	9E	00	00	00	00
0x07	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	6B

## 7. Mechanical specification

<32LC2D>

No.	Item	Content									Remark	
1	Product Dimension	Width(W)(32"/37"/42")			Length(D)(32"/37"/42")			Height(H)(32"/37"/42")				
		Before Packing	811	944	1054	235	286	302	630	726	813.5	With Stand
		After Packing	896	1052	1166	300	383	402	720	855	950	
2	Product Weight	Only SET	22Kg(32")/31Kg(37")/37.0Kg(42")									With Stand
		With Box	25.5Kg(32")/33.3Kg(37")/42.3Kg(42")									

## 8. Mechanical specification

<Table 1> Scart Arrangement 1.(Full Scart)

Pin	Signal	Signal Level	Impedance
1	Audio Output B (right)	0.5 Vrms	< 1 K $\Omega$
2	Audio Input B (right)	0.5 Vrms	> 10 K $\Omega$
3	Audio Output A (left)	0.5 Vrms	< 1 K $\Omega$
4	Ground (audio)	-	-
5	Ground (blue)	-	-
6	Audio input A (left)	0.5 Vrms	> 10 K $\Omega$
7	Blue input	0.7 V	75 $\Omega$
8	Function Select (AV control)	High (9.5 - 12V) - AV Mode Mid (5 - 8V) - Wide Screen Low (0 - 2V) - TV Mode	> 10 K $\Omega$
9	Ground (Green)	-	-
10	Comms Data 2		
11	Green input	0.7 V	75 $\Omega$
12	Comms Data 1		
13	Ground (Red)	-	-
14	Ground (Blanking)	-	-
15	Red input	0.7 V	75 $\Omega$
16	RGB Switching Control	High (1 - 3V) - RGB Low (0 - 0.4V) - Composite	75 $\Omega$
17	Ground (Video input & Output)	-	-
18	Ground (RGB Switching Control)	-	-
19	Video input (Composite)	1V including sync(0.85<Typ<1.15)	75 $\Omega$

**<Table 2> Scart Arrangement 2.(Half Scart)**

Pin	Signal	Signal Level	Impedance
1	Audio Output B (right)	0.5 Vrms	< 1 k $\Omega$
2	Audio Input B (right)	0.5 Vrms	> 10 k $\Omega$
3	Audio Output A (left)	0.5 Vrms	< 1 k $\Omega$
4	Ground (audio)	-	-
5	Ground (blue)	-	-
6	Audio input A (left)	0.5 Vrms	> 10 k $\Omega$
7	-	-	-
8	Function Select (AV control)	High (9.5 - 12V) - AV Mode Mid (5 - 8V) - Wide Screen Low (0 - 2V) - TV Mode	> 10 k $\Omega$
9	Ground (Green)	-	-
10	Comms Data 2		
11	-	-	-
12	Comms Data 1		
13	Ground (Red)	-	-
14	Ground (Blanking)	-	-
15	Red input		
16	-	-	-
17	Ground (Video input & Output)	-	-
18	-	-	-
19	Video output (Composite)	1V including sync (0.85<Typ<1.15)	75 $\Omega$
20	Video input (Composite)	1V including sync (0.85<Typ<1.15)	75 $\Omega$
21	Common ground (Shield)	-	-

# ADJUSTMENT INSTRUCTION

## 1. Application Range

This spec. sheet is applied to all of the LD61A chassis manufactured at LG TV Plant all over the world.

## 2. Specification.

- 2.1 Because this is not a hot chassis, it is not necessary to use an isolation transformer.  
However, the use of isolation transformer will help to protect test instruments
- 2.2 Adjustment must be done in the correct sequence.
- 2.3 The adjustment must be performed at 25±5°C temperature and 65±10% relative humidity if there is no specified designation.
- 2.4 The input voltage of the receiver must be kept between 100~220V, 50/60Hz.
- 2.5 Before adjustment, execute Heat-Run for 30 minutes at RF no signal.

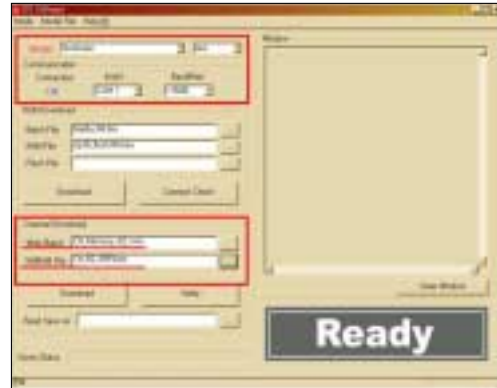
## 3. Channel Memory

- 3.1 Setting up the LGIDS
  - 1) Install the LGIDS
  - 2) After installation, restart your PC.
  - 3) Extract [files.zip] to folder [c:\LGIDS\files]
  - 4) Start LGIDS.
- 3.2 Channel memory method
  - 1) Press TILT key in Adjust remocon(Automatic setting).
  - 2) Setting up like bottom figure  
(Confirmation: Press ADJ Key in the Adjust remocon.  
Select "**System Control**" by using ▲/▼ (CH+/-) key, and press ■ (ENTER))



- 3) Connect RS232 cable .(Use the general RS-232C Twisted Serial Cable).
- 4) Operate LGIDS
- 5) Select "Hurricane" and "ALL" on Model dialog and check your connection in Communication dialog.  
(If your connection is 'NG', then set your PORT(COM1,2,3,...) correctly. If your connection has completed, you can see **Ready**)

- 6) Select proper CH\_memory file(\*.nvm) for each model at [Channel Download] => [Write Batch].  
Next, select proper binary file(\*.bin) including the CH information for each model at [Channel Download] => [NVRAM File].



- 7) 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



## 4. Hudson Download

- 4.1 Hudson Download method
  - 1) Press TILT key in Adjust remocon(Automatic setting).
  - 2) Setting up like bottom figure  
(Confirmation: Press ADJ Key in the Adjust remocon.  
Select "**System Control**" by using ▲/▼ (CH+/-) key, and

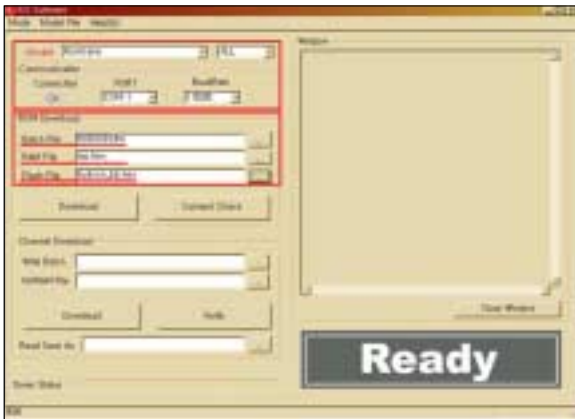


- 3) Connect RS232 cable(Use Download Jig and general RS-232C Twisted Serial Cable).



\*Before upgrading "Hudson flash memory", push the switch on the download jig 'inside'.

- 4) Operate LGIDS.  
 5) Select "Hurricane" and "ALL" on Model dialog and check your connection in Communication dialog.  
 (If your connection is 'NG', then set your PORT (COM1, 2, 3,...) correctly. If your connection has completed, you can see **Ready**)  
 6) First, select proper *Batch file(\*.flm)* for each model at [ROM Download] => [Batch File].  
 Second, select proper *RAM file(\*.hex)* for each model at [ROM Download] => [RAM File].  
 Third, select proper *Flash File(\*.hex)* for each model at [ROM Download] => [Flash File].



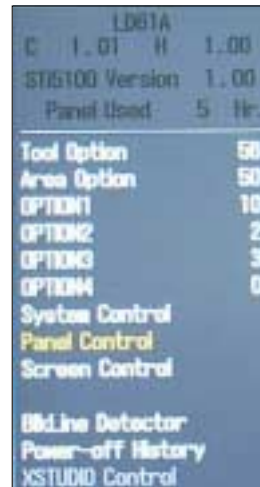
- 7) Click the [Download] button.  
 It means the completion of the Hudson download if all items show 'OK' and Status is changed by 'PASS' at the lower right corner of the window.



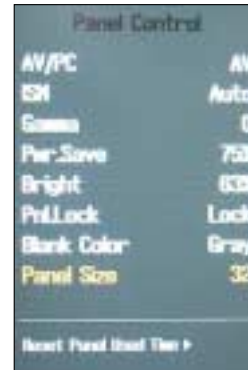
**Before AV ADC Calibration, should be executed the "Panel size selection"**

## 5. Select method of Panel size

- 5.1 Press ADJ Key in the Adjust remote control  
 5.2 Select "Panel Control" by using ▲/▼ (CH+/-) key, and press ■ (ENTER)



- 5.3 Select "Panel Size", and change the panel size among 32, 37, 42 according to the inch of model name.  
 (If the model name is 37LC2D-EC, change the Panel size from default value to 37.)



- 5.4 After changing the panel size, push the EXIT Key

## 6. ADC Calibration

ADC	RF/AV/S-VIDEO	Component	RGB-PC
MSPG925F	PAL		Model:217 (720P)
	INPUT SELECT	AV4	Model: 37 (1024*768 60Hz)
	Model: 202 (PAL-BGDHI)		720P/60Hz 100%
	Pattern: 33		Color Bar
	PAL 100% Color Bar		Pattern: 33

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

### 6.1 Adjustment of RF/AV/S-VIDEO

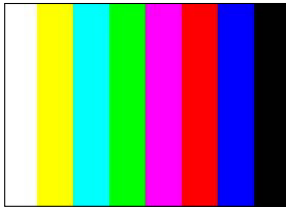
\* Required Equipments

- Remote controller for adjustment
- MSPG-925F Pattern Generator (Which has Video Signal: 100% Color Bar Pattern shown in Fig. 1)
- => Model: 202 / Pattern: 33

Case1) EC and FC model use PAL-BGDHI (composite signal)

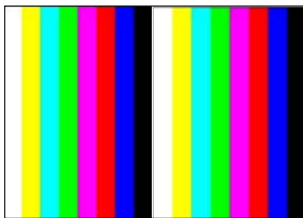
#### 6.1.1 Method of Auto RF/AV/S-VIDEO Color Balance.

- 1) Input the Video Signal: 100% Color Bar signal into AV4
- 2) Set the PSM to Dynamic mode in the Picture menu



[Fig.1]

- 3) Press **IN-START** key on R/C for adjustment.



- 4) Press the **▶(Vol.+)** key to operate the set, then it becomes automatically.
- 5) Auto-RGB OK means the adjustment is completed.

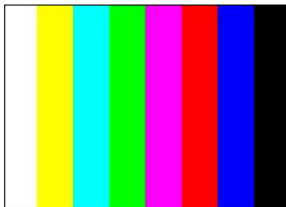
### 6.2 Adjustment of Component.

\* Required Equipments

- Remote controller for adjustment
- I MSPG-925F Pattern Generator => Model: 217/Pattern: 33 (Which has 720p/60Hz YPbPr output Pattern shown in Fig. 2 )

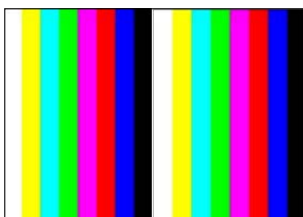
#### 6.2.1 Method of Auto Component Color Balance

- 1) Input the Component 720p/60Hz 100% Color Bar(MSPG-925F model:217, pattern:33) signal into Component.
- 2) Set the PSM to Dynamic mode in the Picture menu



[Fig.2]

- 3) Press the **IN-START** key on R/C for adjustment.
- 4) Press the **▶(Vol.+)** key to operate the set , then it becomes automatically.



- 5) Auto-RGB OK means the adjustment is completed.

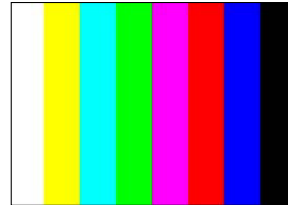
### 6.3 Adjustment of RGB

\* Required Equipments

- Remote controller for adjustment
- I MSPG-925F Pattern Generator (Which has XGA [1024\*768] 60Hz 100% Color Bar pattern shown in Fig. 3)

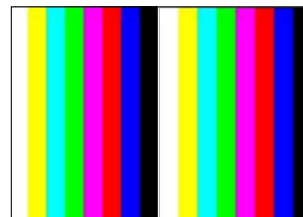
#### 6.3.1 Method of Auto RGB Color Balance

- 1) Input the PC 1024x768@60Hz 100% Color Bar pattern (MSPG-925F model:37, pattern:33) into RGB. (Using D-sub to D-sub cable)
- 2) Set the PSM to Dynamic mode in Picture menu.
- 3) Press the **IN-START** key on R/C for adjustment



[Fig.3]

- 4) Press the **▶(Vol.+)** key operate To set , then it becomes automatically.



- 5) Auto-RGB OK means adjustment is completed.

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

## 7. White Balance

White balance		AV4
MSPG925F	High *239Gray	Model : 202 Pattern : 47 *Pal Video

- => Caution: - System control RS-232 Host should be "PC" for adjustment.  
- AV ADC should be done before White-balance.

\* Test Equipment

- Color Analyzer ( CA-110)
- PC (for communication through RS-232C) => UART Baud rate : 115200
- Pattern Generator (MSPG-925F)

\* Target Value (PSM: Dynamic, CSM: Normal)

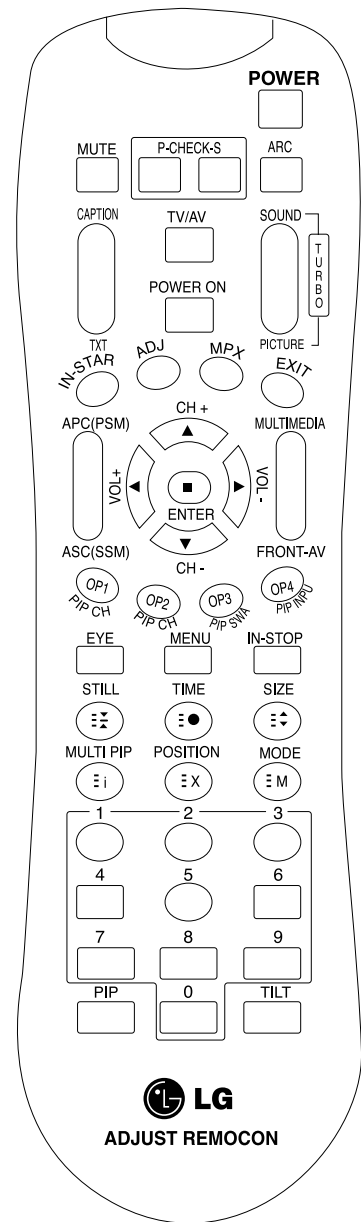
- Normal(9300K) x:0.283±0.003, y: 0.298±0.003
- Luminance(Y) AV/COMP: 250 Cd/m2 (Typ: 300 Cd/m2)
- PC : 300 Cd/m2 (Typ: 350 Cd/m2)

-> Reference Value(Automatically fixed)

- **Cool(11000K) - x: 0.274±0.003, y: 0.286±0.003**
- Warm(7200K) - x:0.303±0.003, y: 0.319±0.003

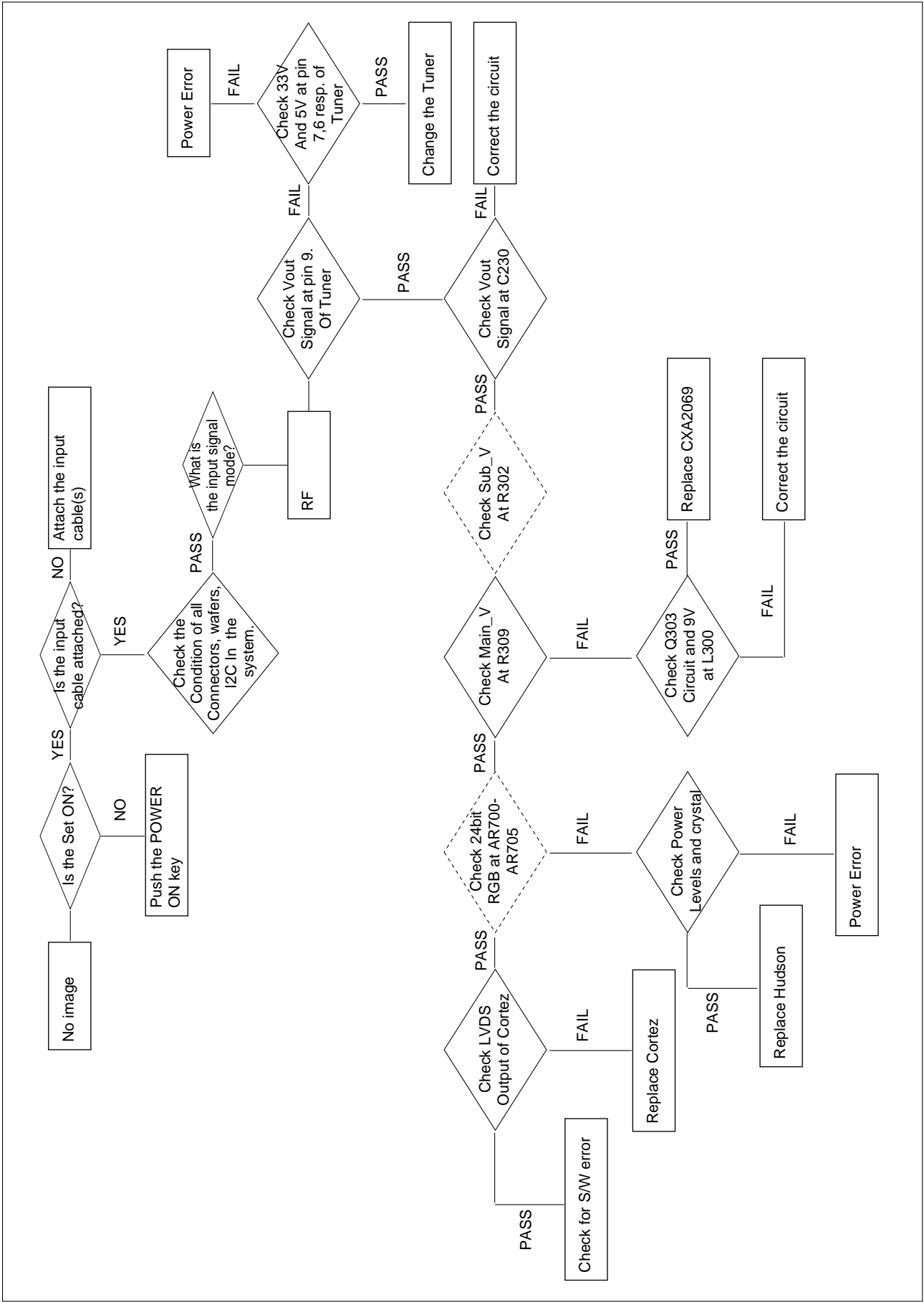
# SVC REMOCON

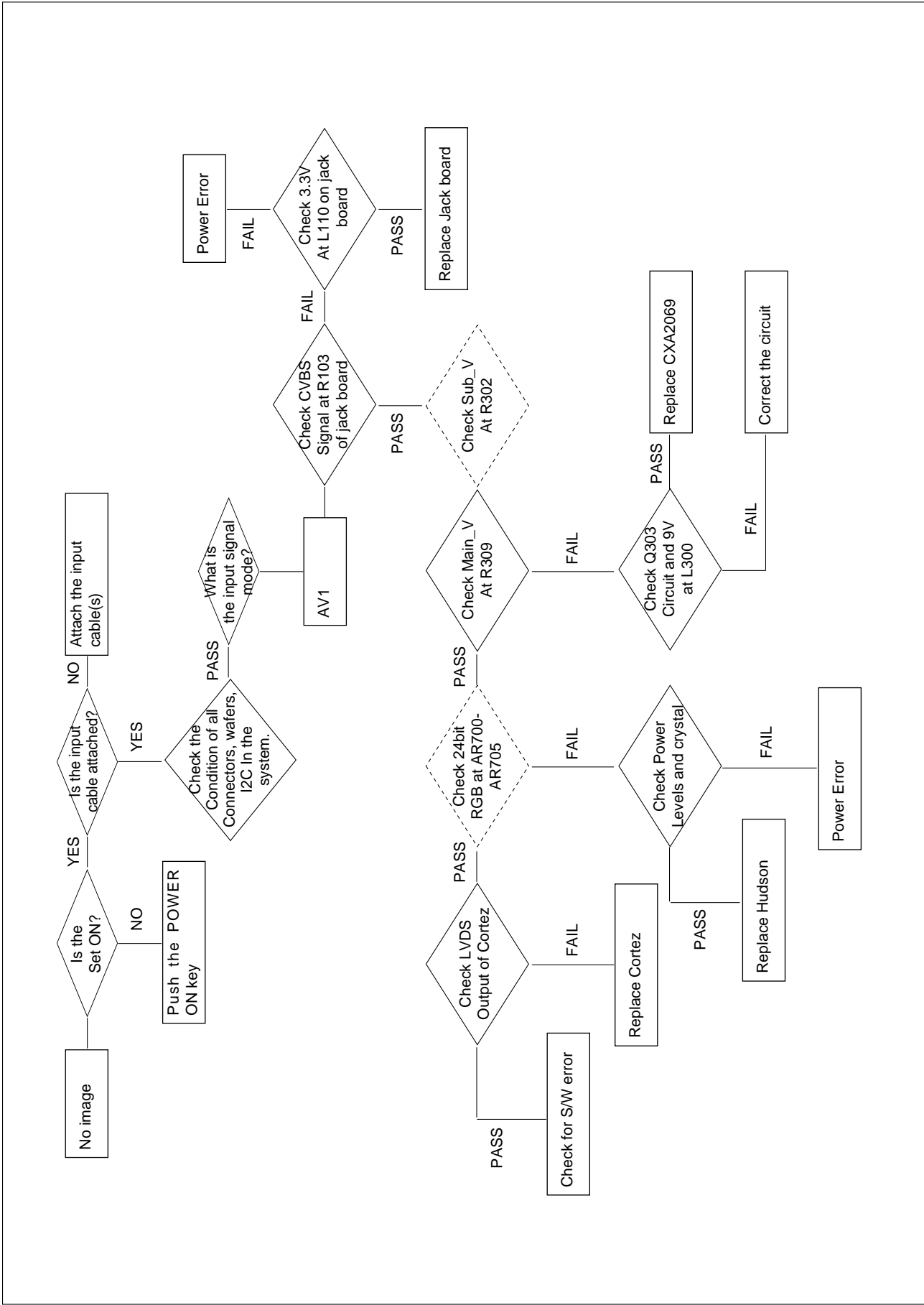
NO	KEY	FUNTION	REAMARK
1	POWER	To turn the TV on or off	
2	POWER ON	To turn the TV on automatically if the power is supplied to the TV. (Use the POWER key to deactivate): It should be deactivated when delivered.	
3	MUTE	To activate the mute function.	
4	P-CHECK	To check TV screen image easily.	Shortcut keys
5	S-CHECK	To check TV screen sound easily	Shortcut keys
6	ARC	To select size of the main screen (Normal, Spectacle, Wide or Zoom)	Shortcut keys
7	CAPTION	Switch to closed caption broadcasting	
8	TXT	To toggle on/off the teletext mode	
9	TV/AV	To select an external input for the TV screen	
10	TURBO SOUND	To start turbo sound	
11	TURBO PICTURE	To start turbo picture	
12	IN-START	To enter adjustment mode when manufacturing the TV sets.	Use the AV key to enter the screen W/B adjustment mode.
		To adjust the screen voltage (automatic): In-start → mute → Adjust → AV(Enter into W/B adjustment mode)	
		W/B adjustment (automatic): After adjusting the screen →W/B adjage →Exit two times (Adjustment completed)	
13	ADJ	To enter into the adjustment mode. To adjust horizontal line and sub-brightness.	
14	MPX	To select the multiple sound mode (Mono, Stereo or Foreign language)	
15	EXIT	To release the adjustment mode	
16	APC(PSM)	To easily adjust the screen according to surrounding brightness	
17	ASC(SSM)	To easily adjust sound according to the program type	
18	MULTIMEDIA	To check component input	Shortcut keys
19	FRONT-AV	To check the front AV	Shortcut keys
20	CH±	To move channel up/down or to select a function displayed on the screen.	
21	VOL±	To adjust the volume or accurately control a specific function.	
22	ENTER	To set a specific function or complete setting.	
23	PIP CH-(OP1)	To move the channel down in the PIP screen. To use as a red key in the teletext mode	
24	PIP CH+(OP2)	To move the channel in the PIP screen To use as a green key in the teletext mode	
25	PIP SWAP(OP3)	To switch between the main and sub screens To use as a yellow key in the teletext mode	
26	PIP INPUT(OP4)	To select the input status in the PIP screen To use as a blue key in the teletext mode	
27	EYE	To set a function that will automatically adjust screen status to match the surrounding brightness so natural color can be displayed.	
28	MENU	To select the functions such as video, voice, function or channel.	
29	IN-STOP	To set the delivery condition status after manufacturing the TV set.	
30	STILL	To halt the main screen in the normal mode, or the sub screen at the PIP screen. Used as a hold key in the teletext mode (Page updating is stopped.)	
31	TIME	Displays the teletext time in the normal mode Enables to select the sub code in the teletext mode	
32	SIZE	Used as the size key in the PIP screen in the normal mode Used as the size key in the teletext mode	
33	MULTI PIP	Used as the index key in the teletext mode (Top index will be displayed if it is the top text.)	
34	POSITION	To select the position of the PIP screen in the normal mode Used as the update key in the teletext mode (Text will be displayed if the current page is updated.)	
35	MODE	Used as Mode in the teletext mode	
36	PIP	To select the simultaneous screen	
37	TILT	To adjust screen tilt	Shortcut keys
38	0~9	To manually select the channel.	

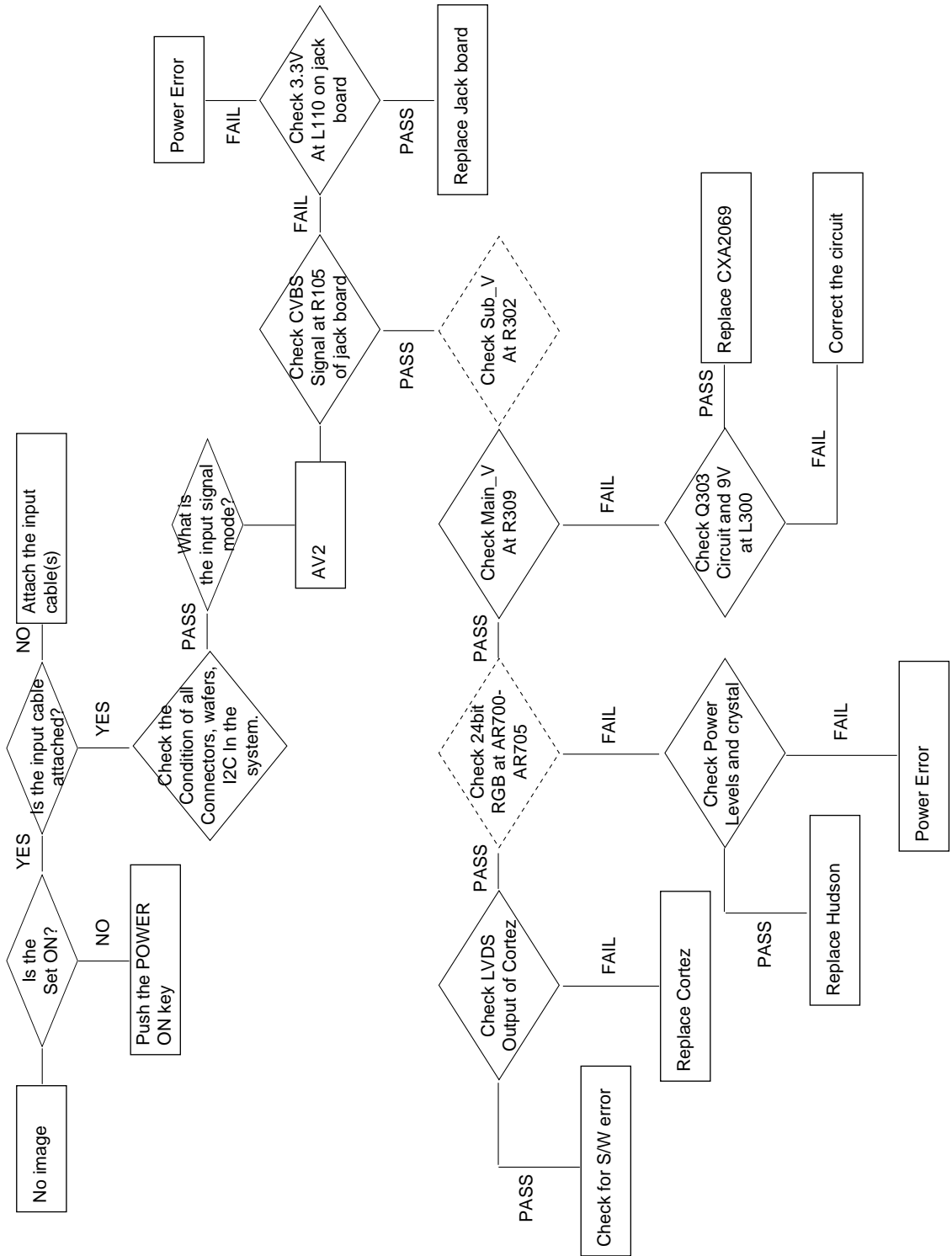


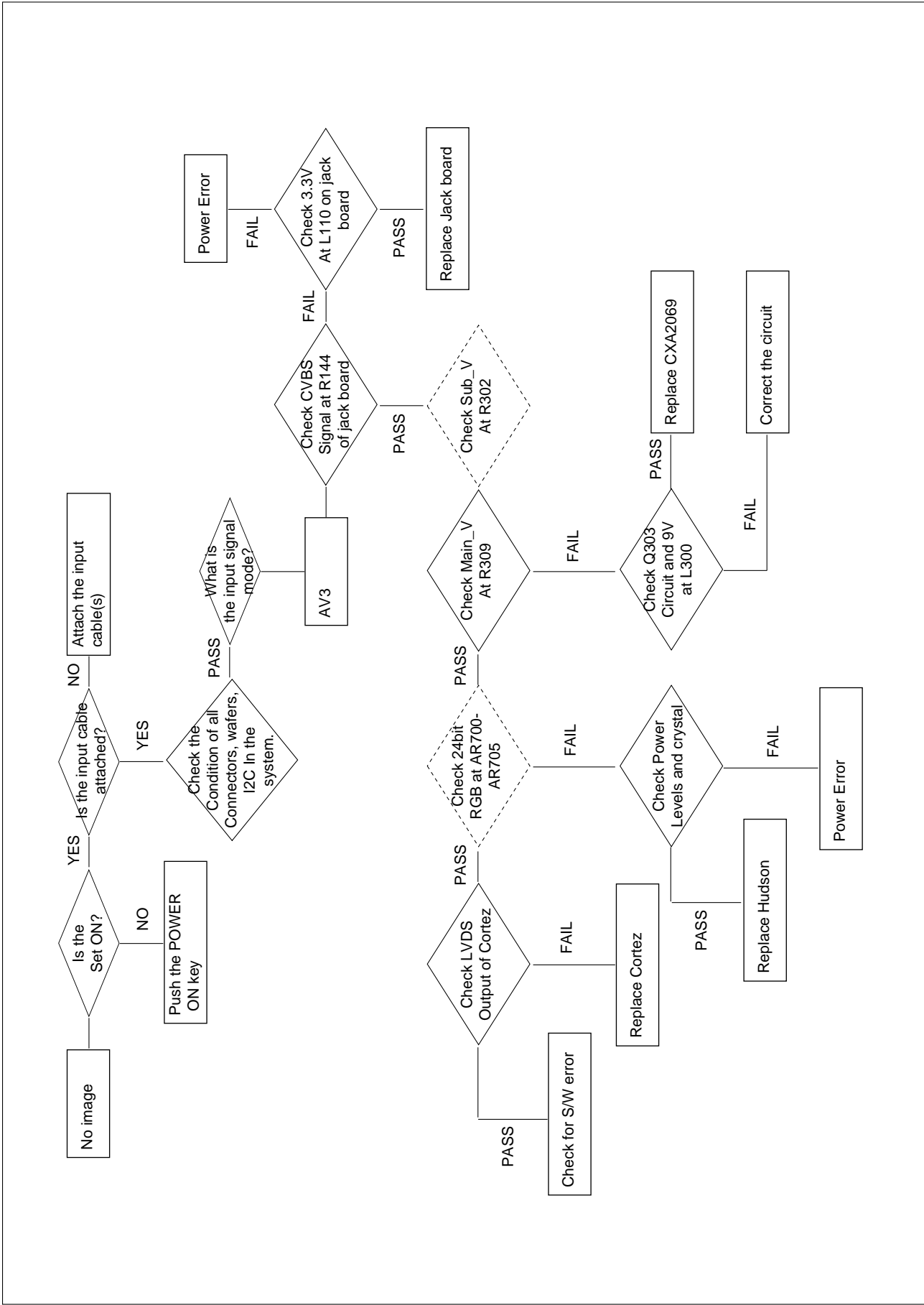


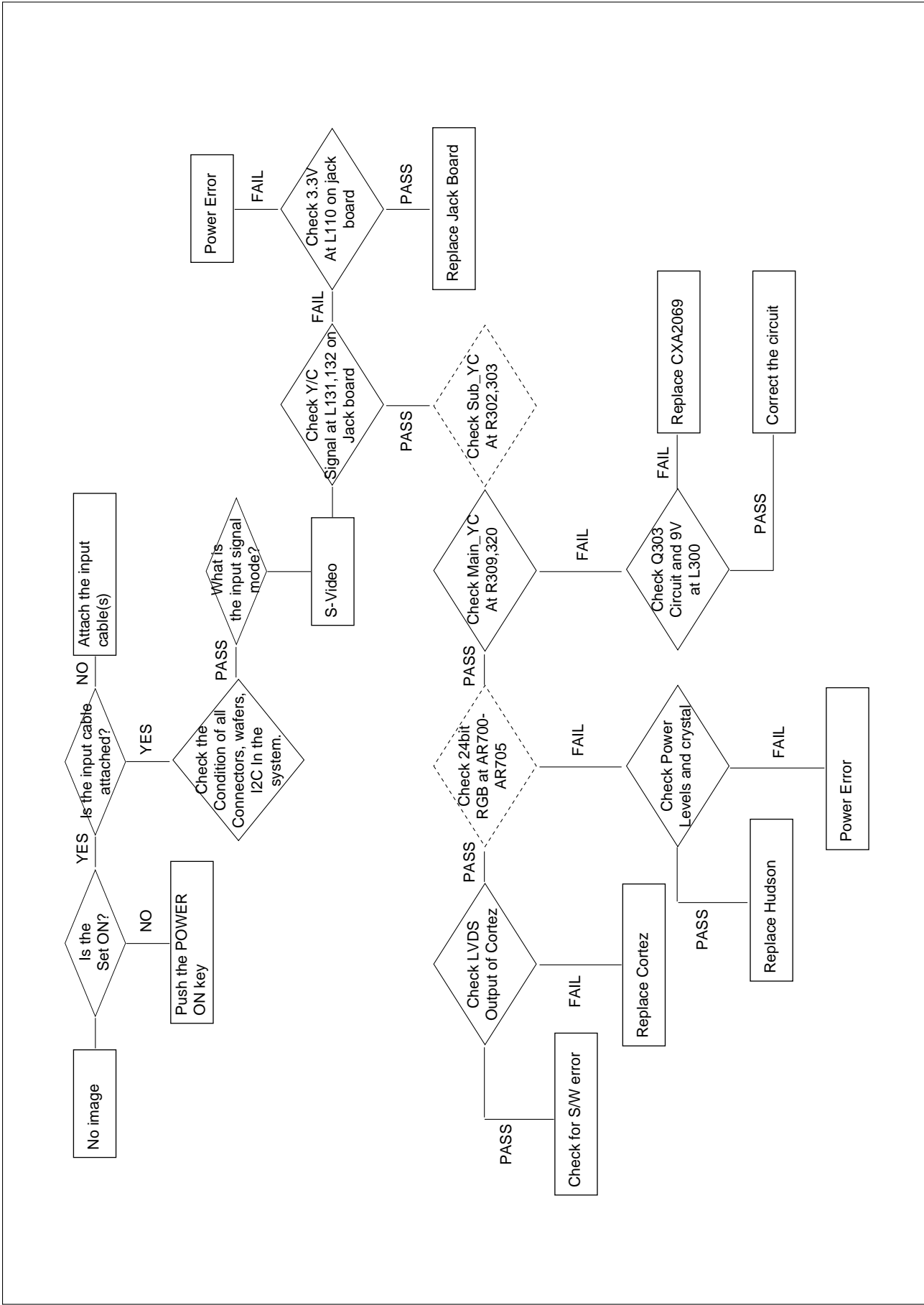
# TROUBLESHOOTING

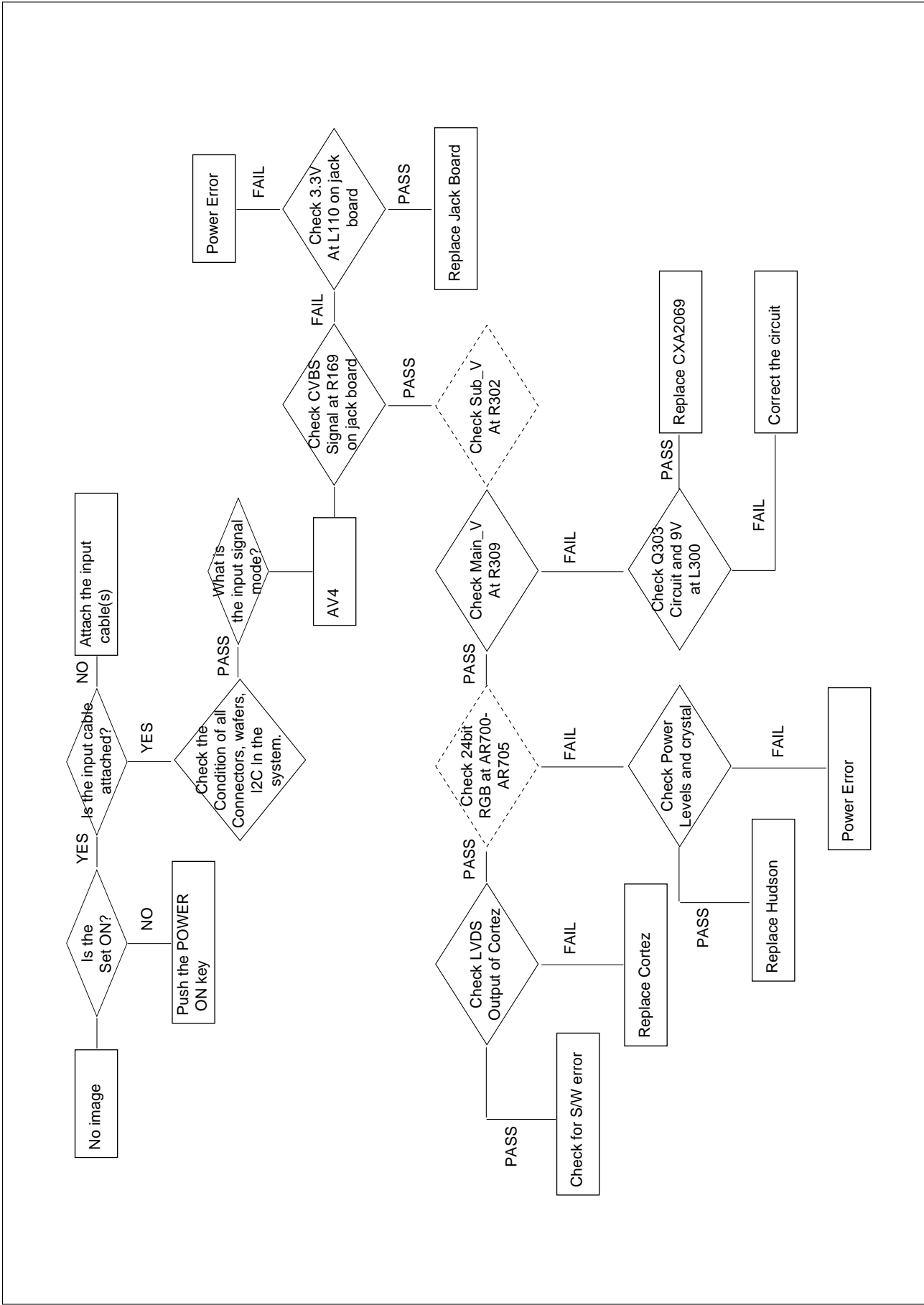


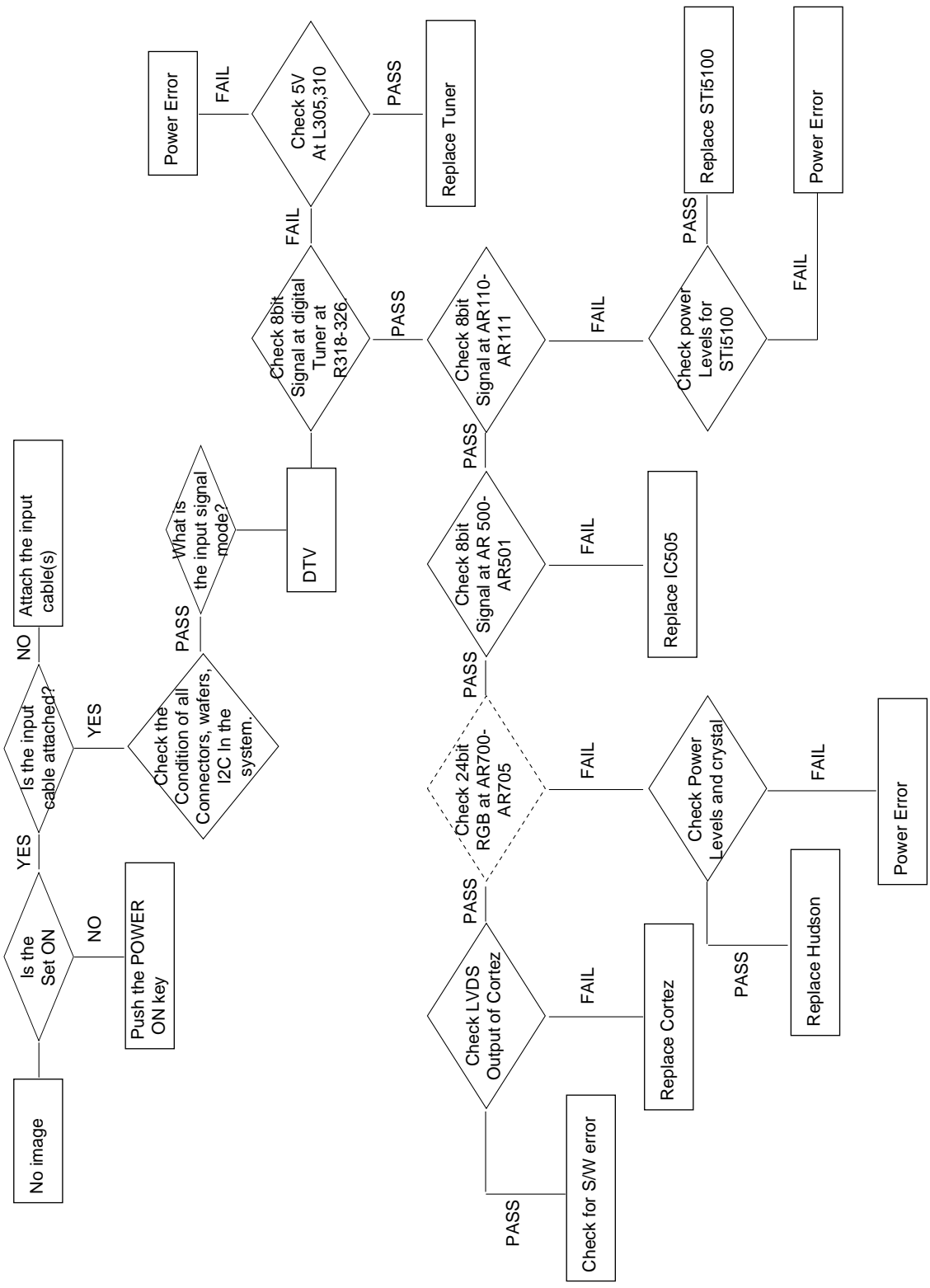


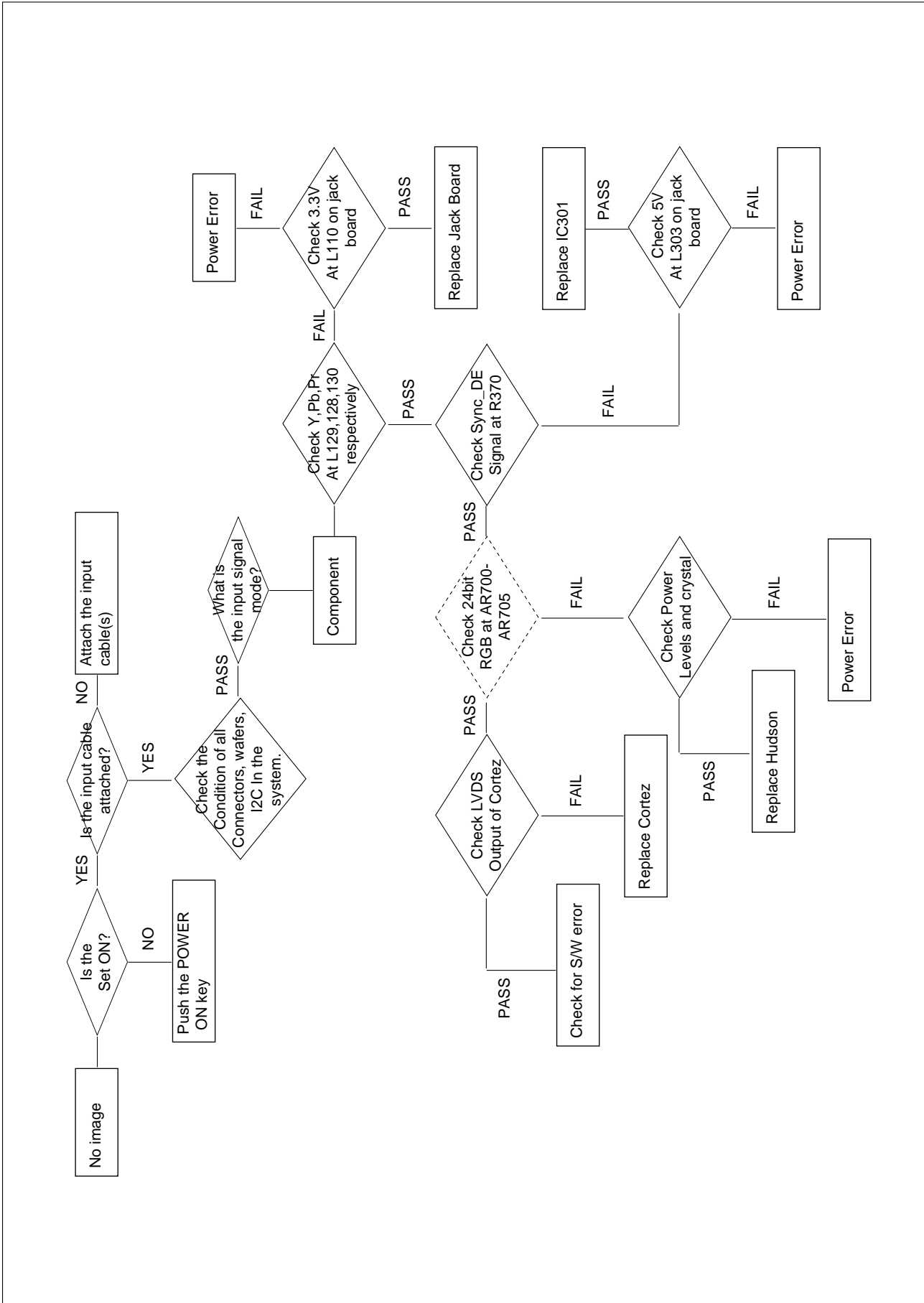




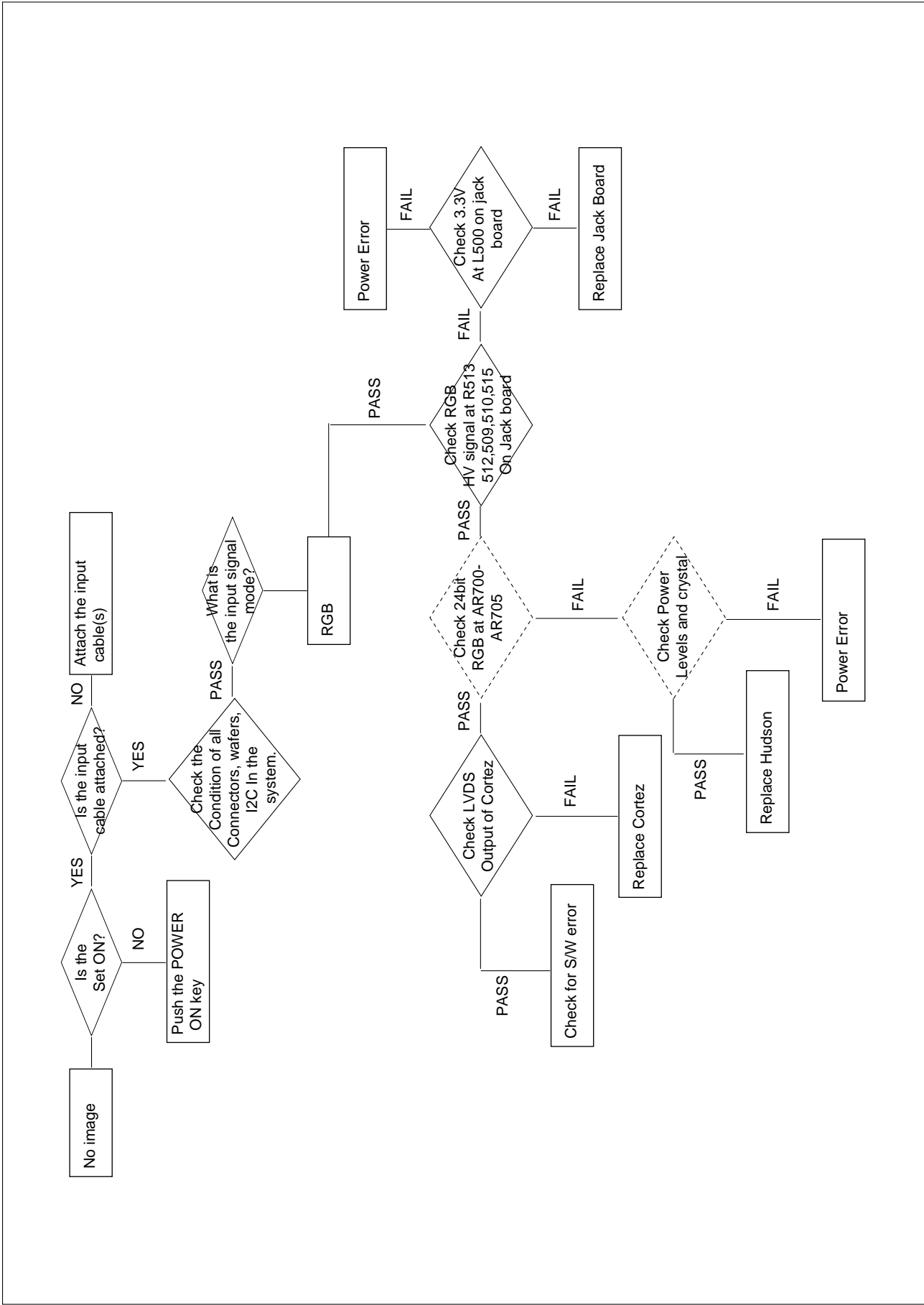


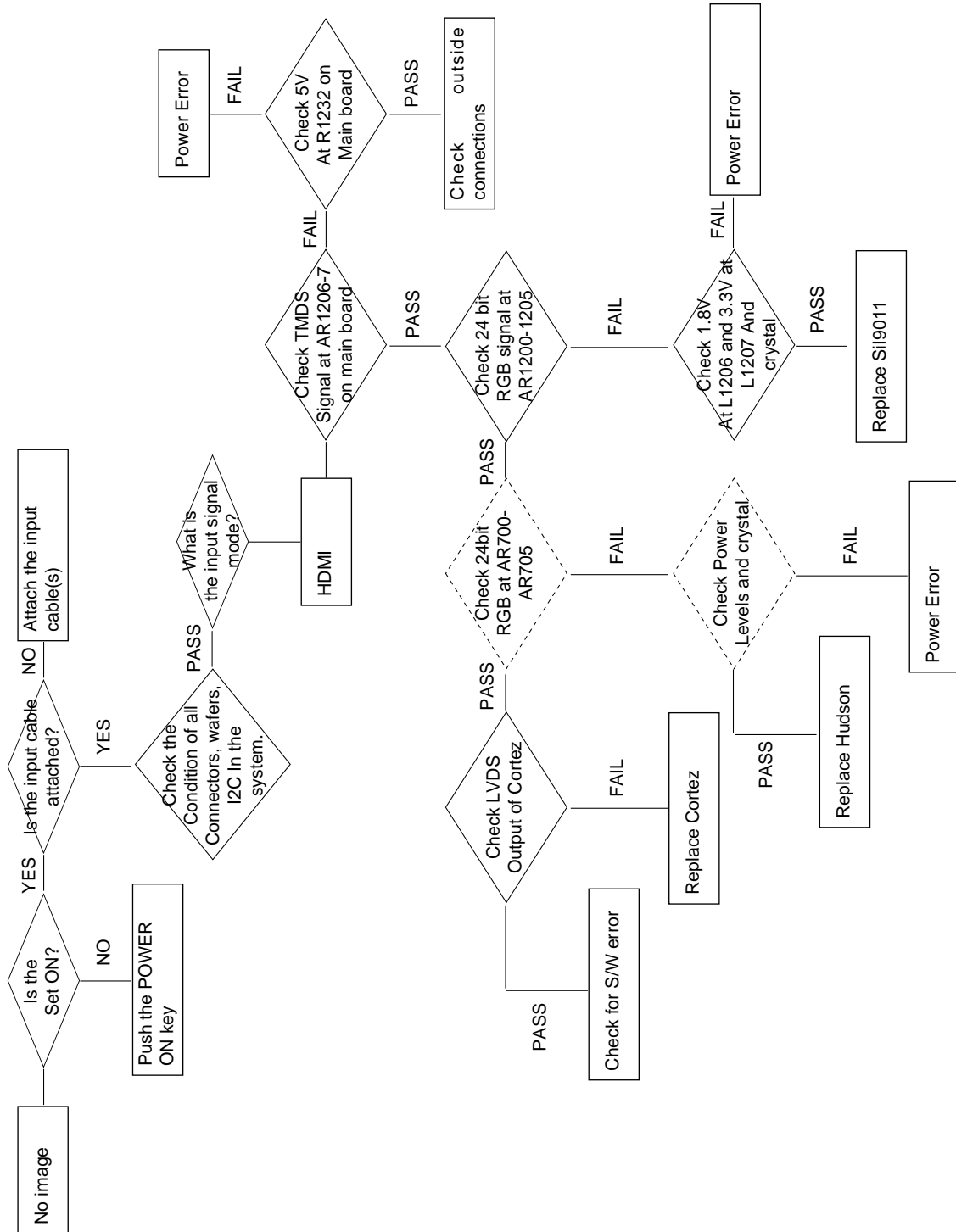




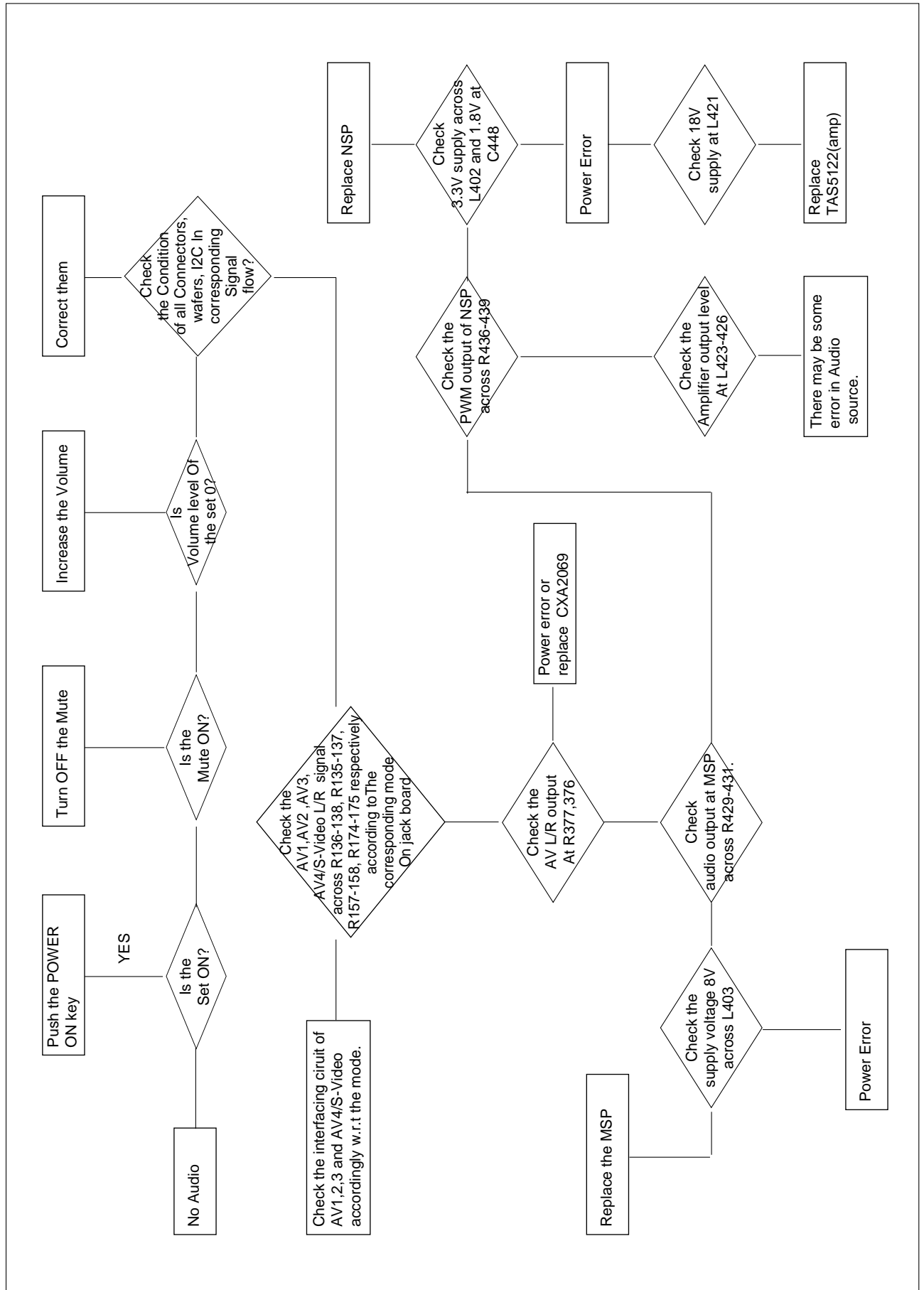




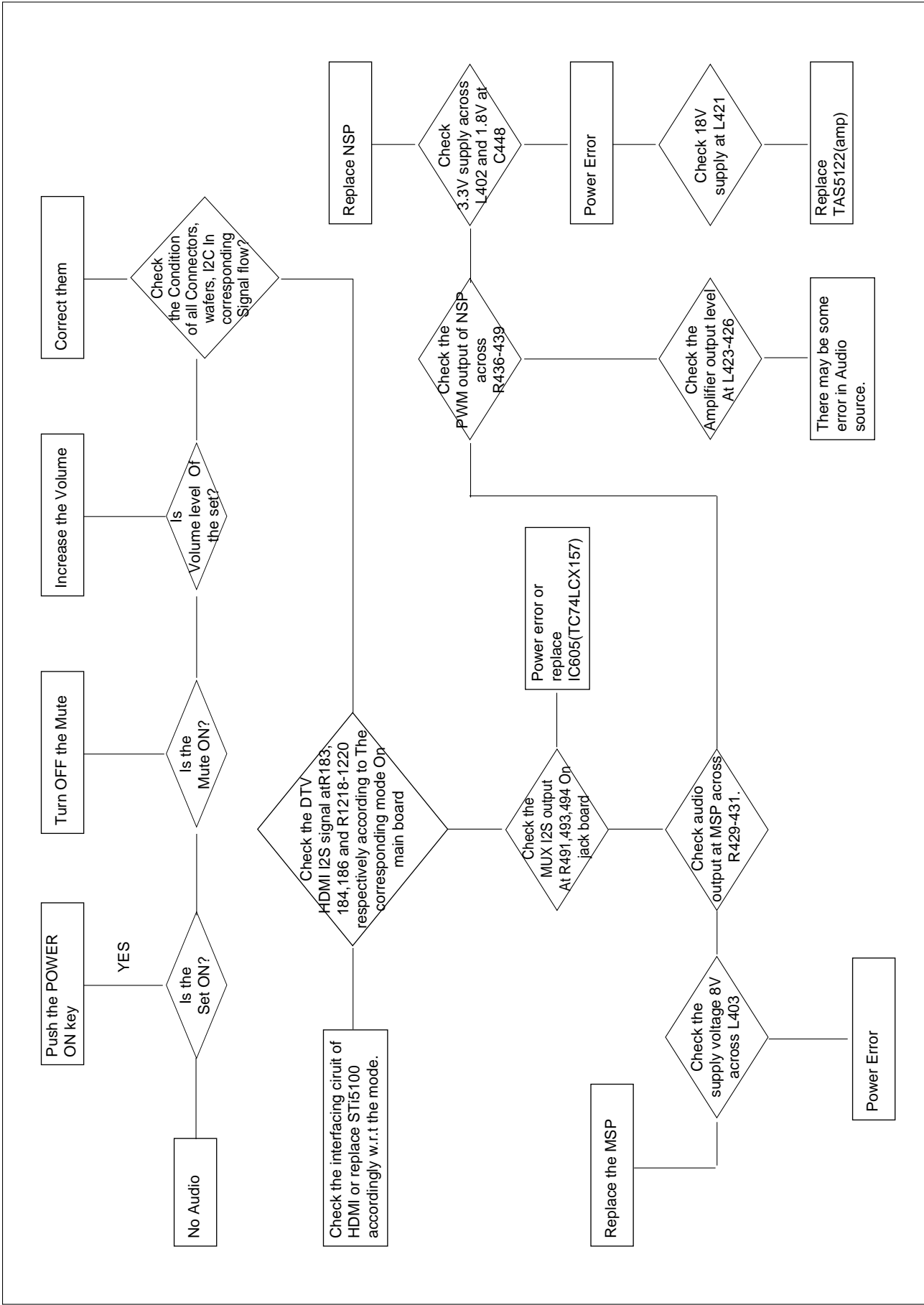




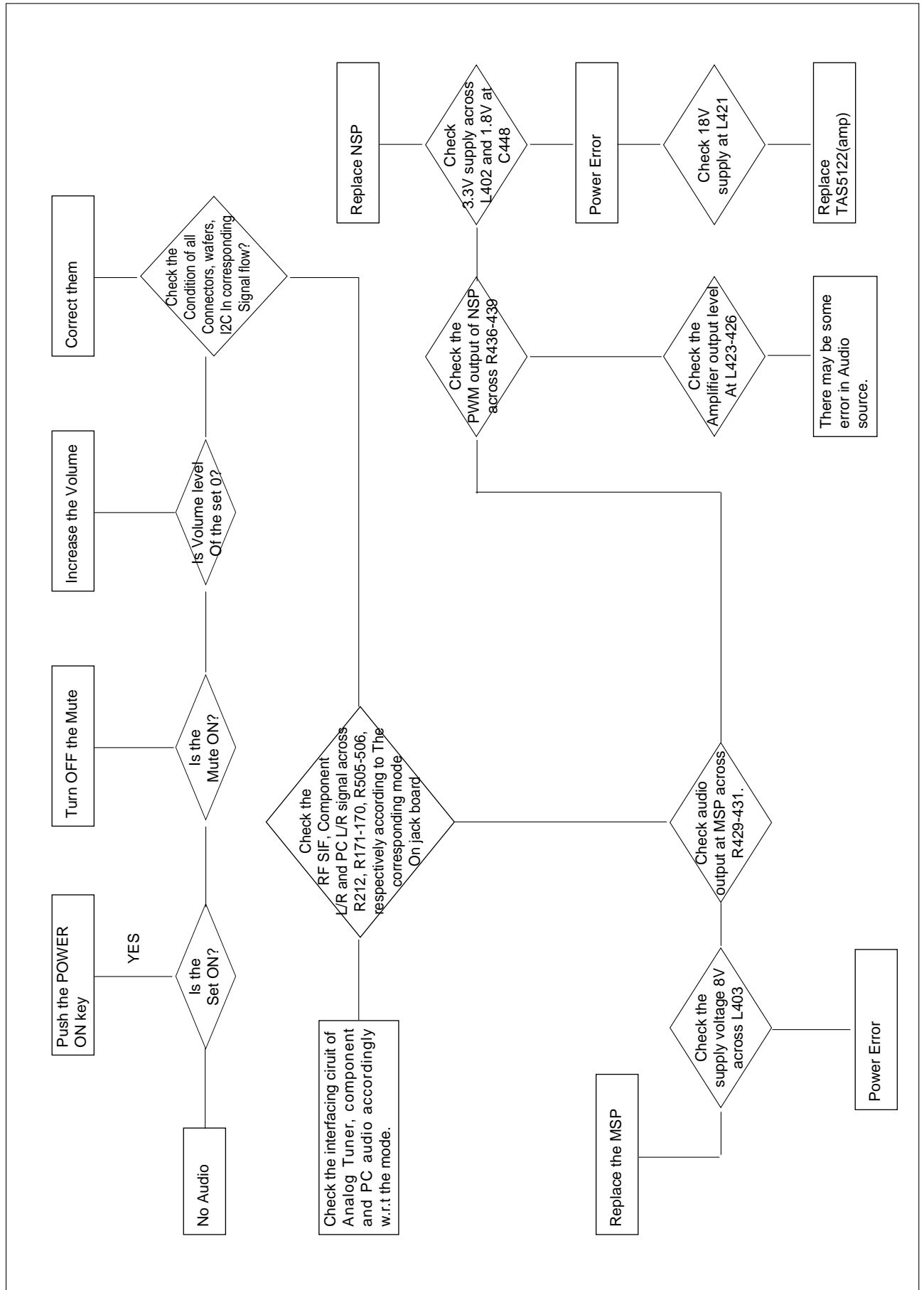
# TROUBLESHOOTING AV1, 2, 3, 4/S-Video



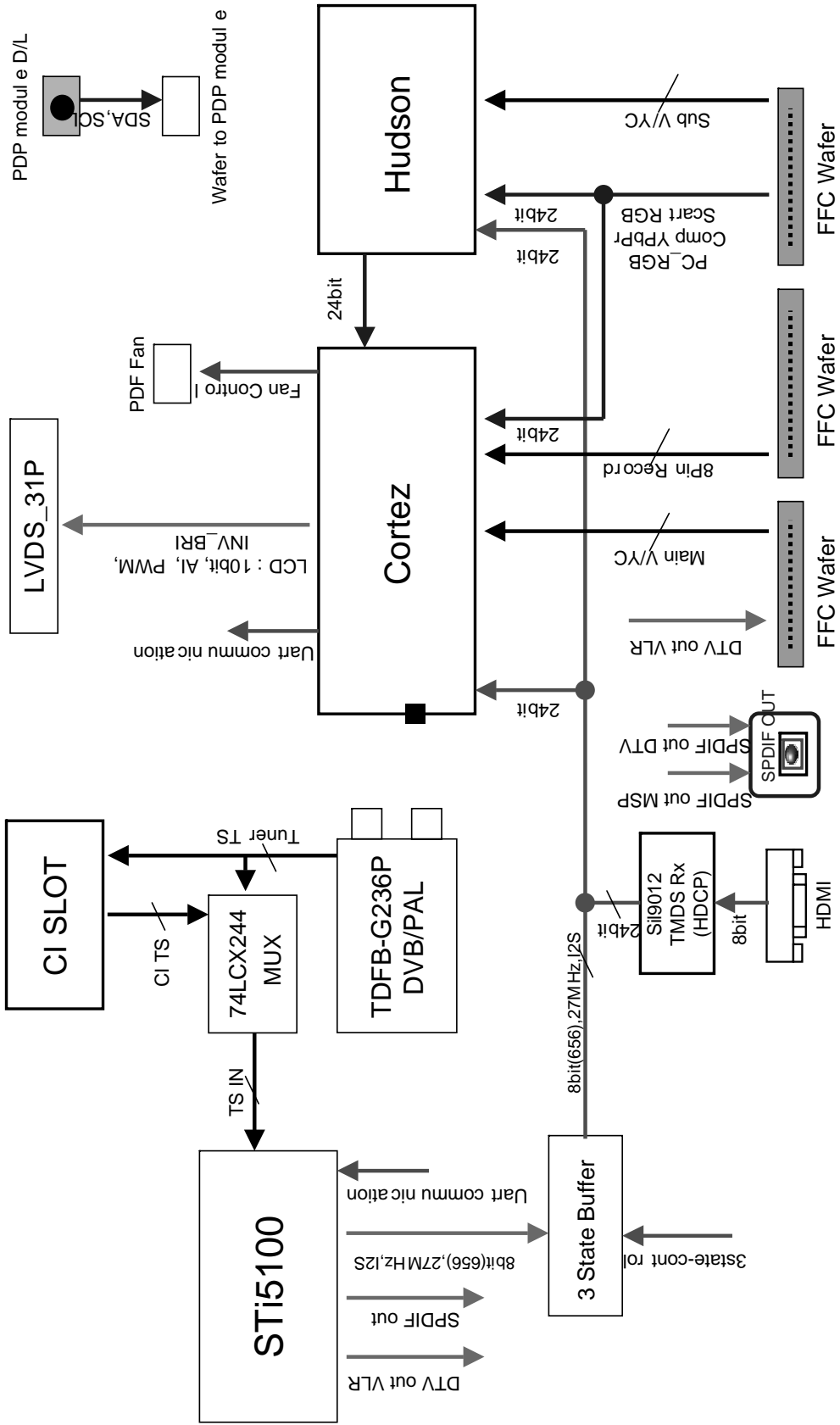
# TROUBLESHOOTING DTV/HDMI-Audio



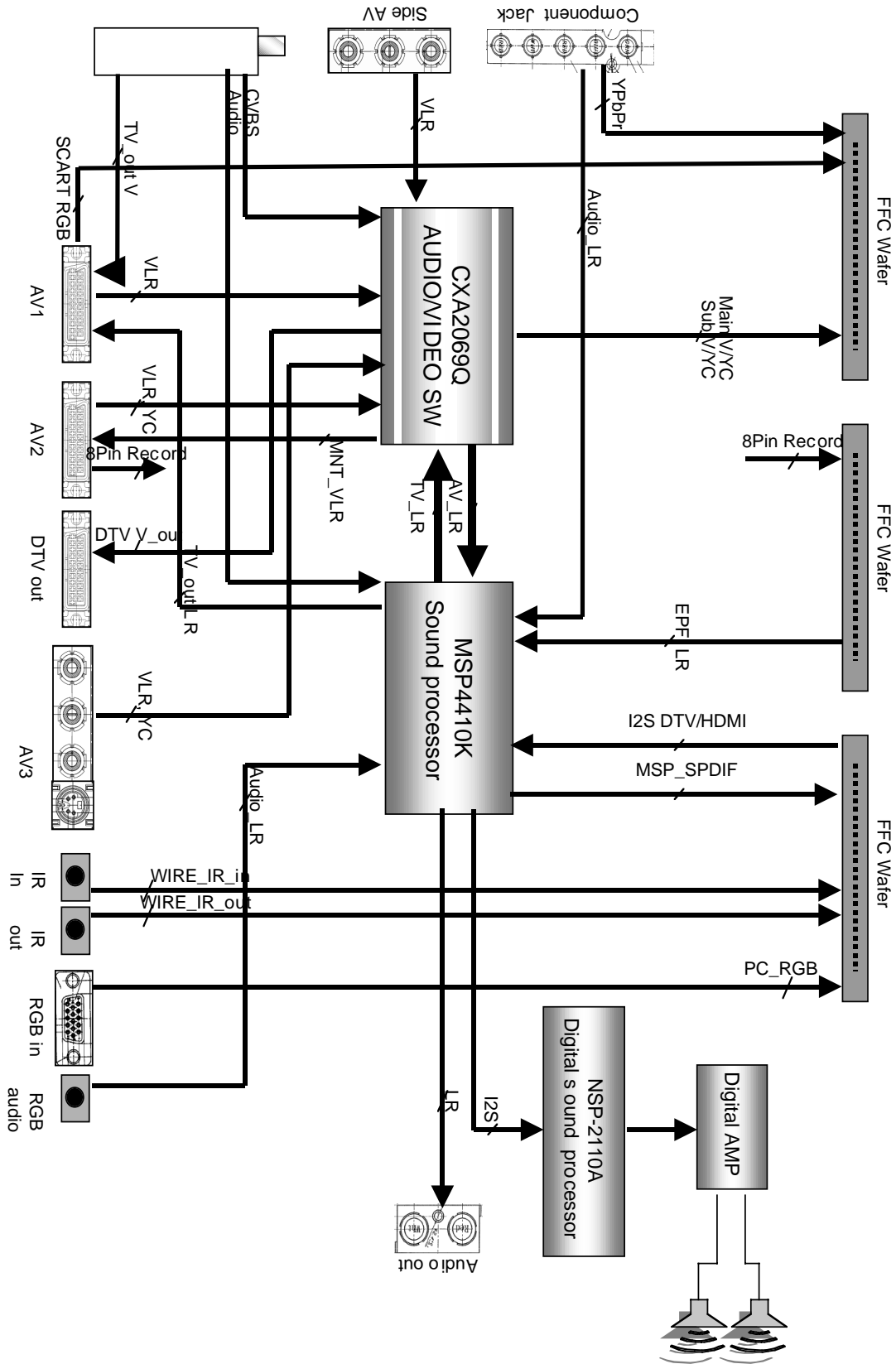
# TROUBLESHOOTING RF/Component/PC



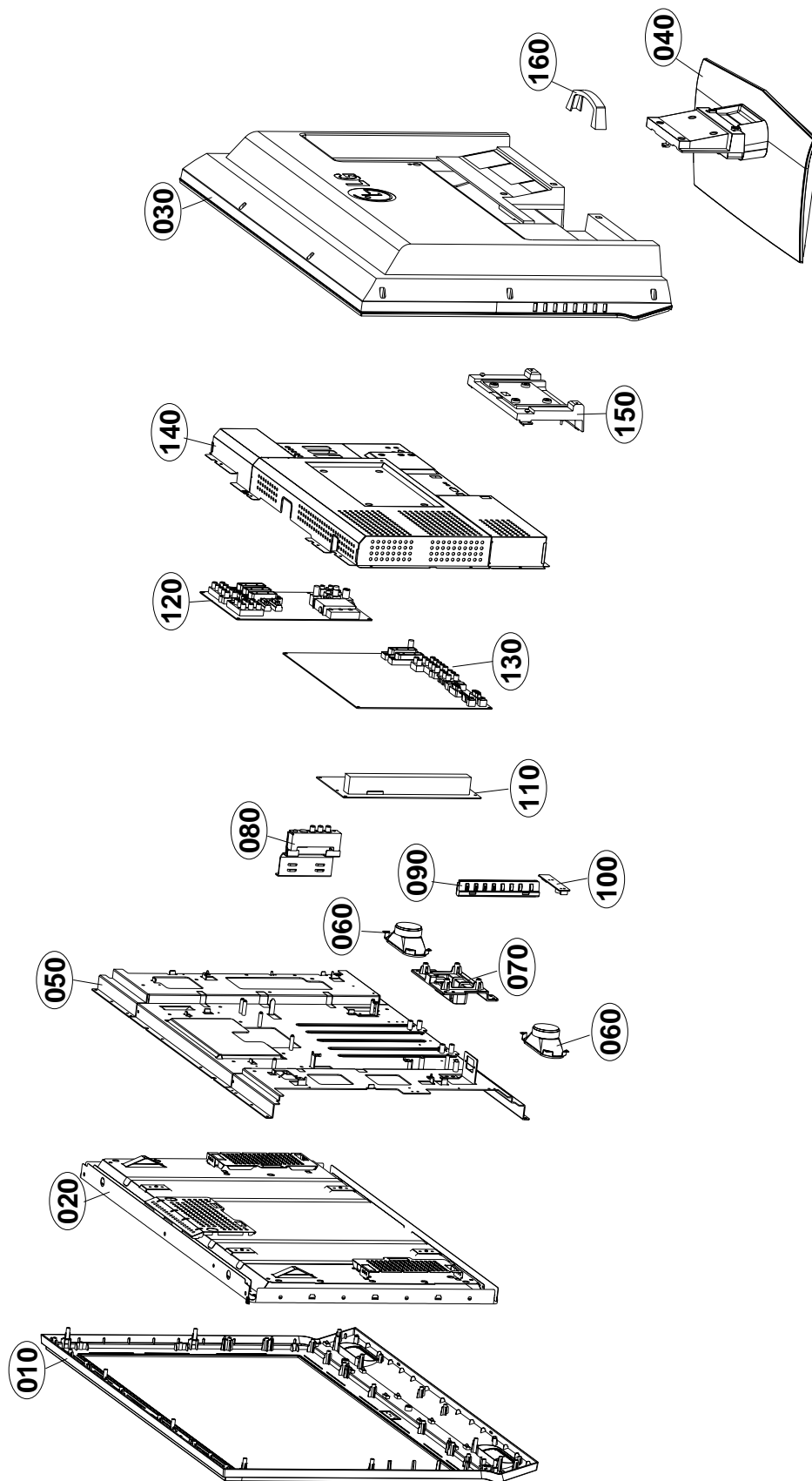
# BLOCK DIAGRAM(Main)



# BLOCK DIAGRAM(Jack)



# EXPLODED VIEW(32LC2D)

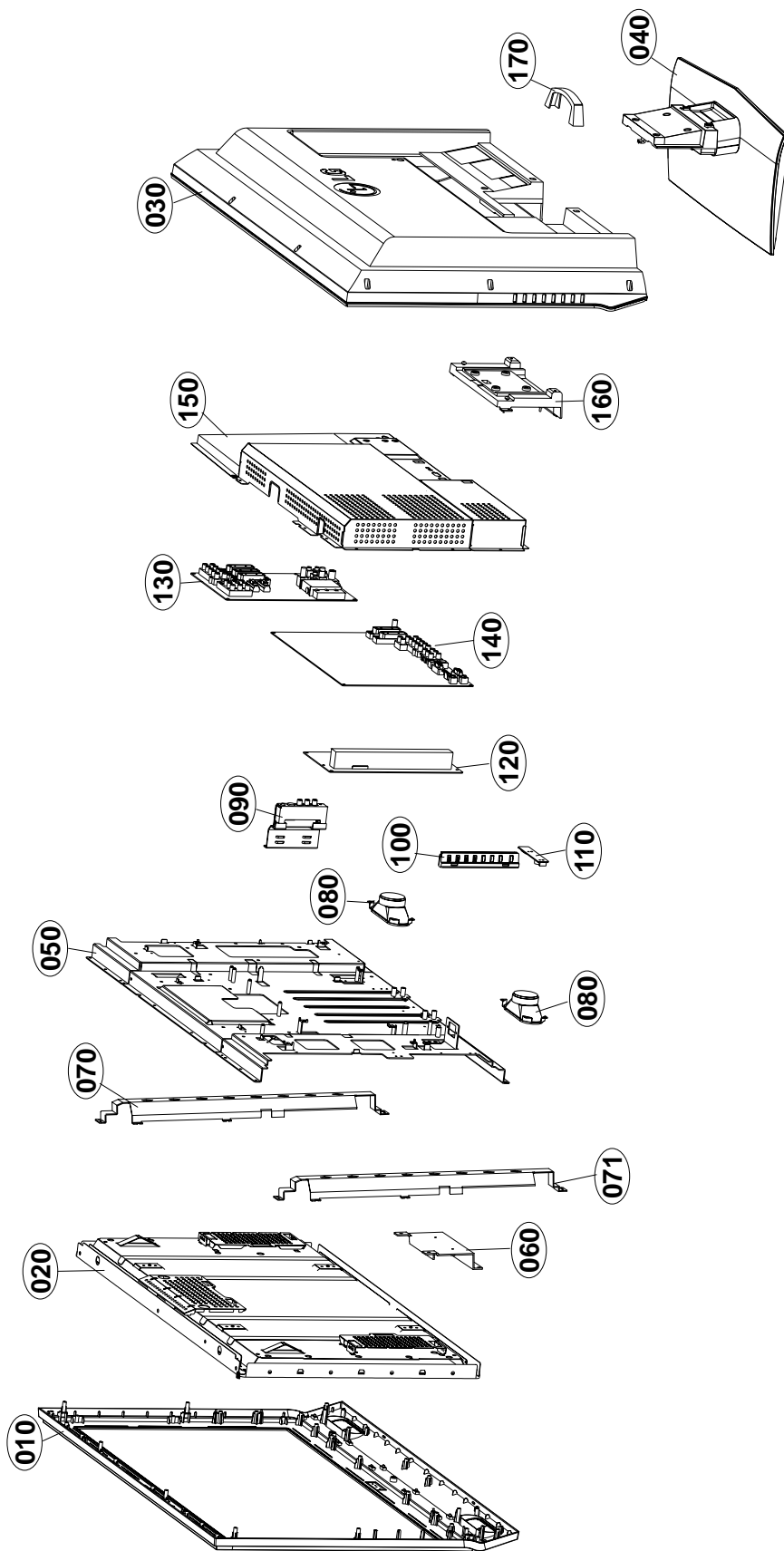




## EXPLODED VIEW PARTS LIST(32LC2D)

No.	PART NO.	DESCRIPTION
010	⚠ ACQ30347104	Cover Assembly, 32LC2D-EC . 32" 51SF, BK 1TONE(197), LGEMA PHANTOM
	ACQ30347106	Cover Assembly, 32LC2DB-EC LB61A 32" 51SF, BK & SILVER 2TONE(197 & 188), LGEMA PHANTOM
020	⚠ 6304FLP359A	LCD,Panel-TFT, LC320W01-SL11 32INCH 1366X768 500CD COLOR 72% -
	or EAJ30768801	LCD Module, LC320W01-SL14 WXGA 32.0INCH 1366X768 500CD COLOR 72% 16/9 800 NEC Lamp
030	⚠ 3809900159U	Cover Assembly, 32LC2D/2DB LP61 32" Digital LGEMA Phantom
040	⚠ 3043900026K	Base Assembly, STAND [32LC2R-ZJ] LP61C BK (LGEMA Phantom)
	3043900026L	Base Assembly, STAND [32LC2RB/RA-ZJ] LP61C Silver (LGEMA Phantom)
050	49519S0031H	Plate Assembly, FRAME IDTV 32LC2D-EC LPL C/SKD
060	6400GESF01A	Speaker,Fullrange, C112K01K1450 FERRITE 15W 8OHM 93DB 170HZ 116X42X38.5mM LUG
070	49509K0195B	Plate, FRAME SUPPORT 32LC2 C/SKD
080	68719ST700A	PCB Assembly,Sub, SUB T.T LD61A 32LC2D-EC ALUKLFX SIDE AV
090	68719ST898B	PCB Assembly,Sub, SUB T.T LD61A 32LC2D-EC ALUKLFX CONTROL KEY
100	68719ST888B	PCB Assembly,Sub, SUB T.T LD61A 32LC2D-EC ALUKLFX LED/IR
110	⚠ 6709900016C	SMPS,AC/DC, LGLP2637HEP 90.0VTO264.0V 215W 47TO63HZ UL/CSA/SEMKO YY / AT / H&E
	or 6709900016A	Power Supply Assembly, FREE H3/E2 LCD MODEL LCD LG ELECTRONICS LB LC
120	68719ST100A	PCB Assembly,Sub, SUB T.T LD61A 32LC2D-EC ALUKLFX JACK BOARD
130	33139D3075A	Main Total Assembly, 32LC2D(B)-EC BRAND LD61A
140	49519K0139G	Plate Assembly, SHIELD 32LC2D-EC C/SKD
150	35509K0199C	Cover, MOLD ABS 380 32LC2R/RA/RB ABS, HF-380 LGEMA Phantom
160	35509K0197A	Cover, MOLD HIPS 32LC2 CABLE MANAGEMENT

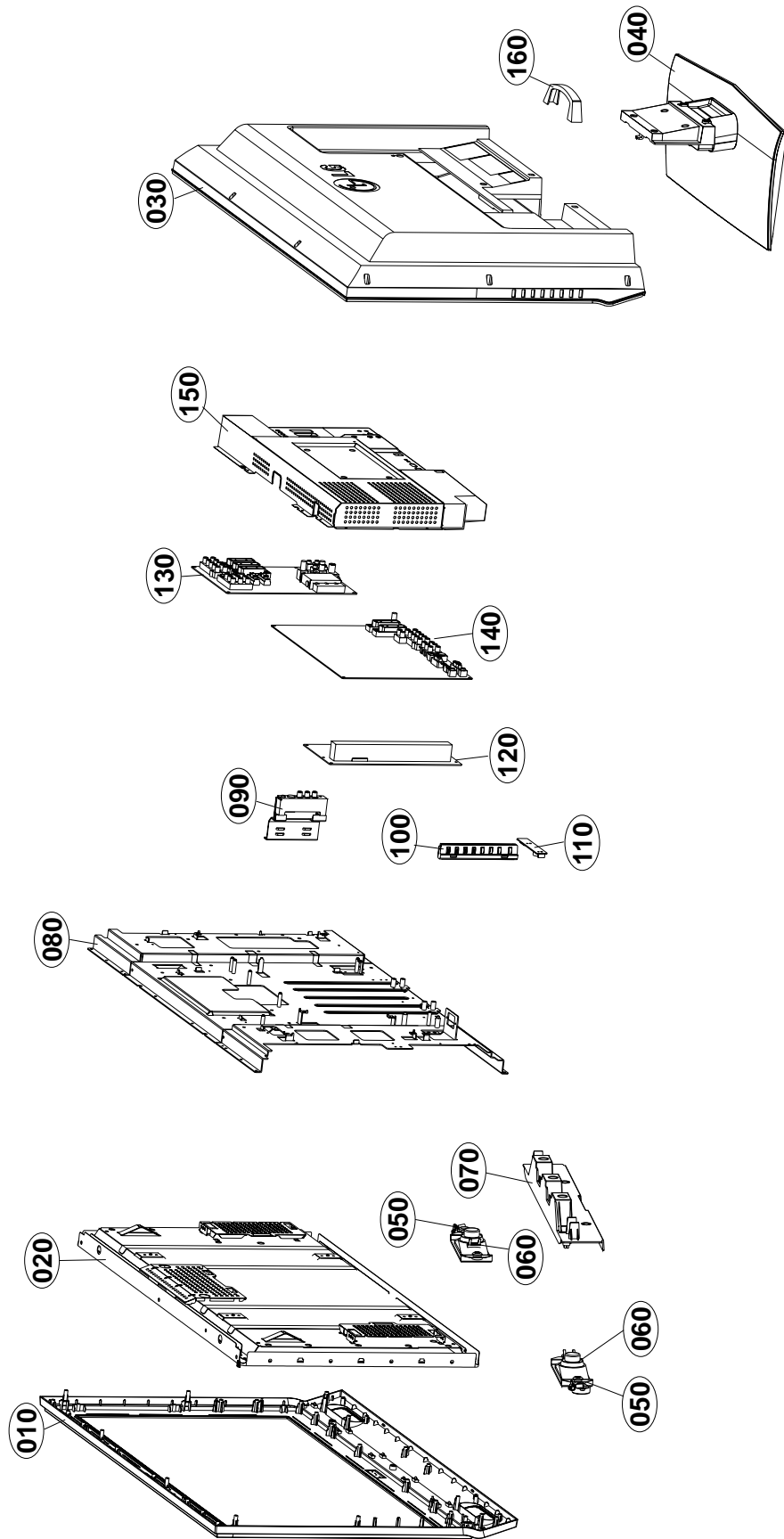
# EXPLODED VIEW(37LC2D)



## EXPLODED VIEW PARTS LIST(37LC2D)

No.	PART NO.	DESCRIPTION
010	⚠ ACQ30192605	Cover Assembly, 37LC2D-EC LP62A 37" LGEMA PAHNTOM CABINET ASSY
	ACQ30192606	Cover Assembly, 37LC2DB-EC LP62A 37" LGEMA PAHNTOM CABINET ASSY(2 TONE)
020	⚠ 6304FLP360A	LCD,Panel-TFT, LC370WX1-SL11 37INCH 1365X768 500CD COLOR 72% -
	or 6304FLP367A	LCD,Panel-TFT, LC370WX1-SL13 37INCH 1365X768 500CD COLOR 72% -
030	⚠ 3809900164K	Cover Assembly, 37LC2D-EC LP62A 37" LGEMA PHANTOM BACKCOVER ASSY
040	⚠ 3043900032M	Base Assembly, STAND 37LC2R-ZH LP62A LGEMA PHANTOM ASSY
	3043900032N	Base Assembly, STAND 37LC2R-ZH LP62A (DARK TITAN)LGEMA PHANTOM ASSY
050	4950TKA361K	Plate, FRAME MAIN 37LC2D(C/SKD)
060	49509K0222A	Plate, PRESS SBHG T2.0 SUPPORT STAND 37LC2
070	49509K0024F	Plate, PRESS SBHG T1.6 SIDE SUPPORTER LEFT FOR 37LC2(C/SKD)
071	49509K0023D	Plate, SIDE SUPPORTER RIGHT FOR 37LC2(C/SKD)
080	6400WMCX03A	Speaker,Woofer, G1560102 ND35 15W 8OHM 82DB 100HZ 193X57mM LUG
090	68719ST102A	PCB Assembly,Sub, SUB T.T LD61A 37LC2D-FC ALFRLX SIDE A/V TOTAL
100	68719ST098A	PCB Assembly,Sub, SUB T.T LD61A 37LC2D-FC ALFRLX CONTROL TOTAL
110	68719ST099A	PCB Assembly,Sub, SUB T.T LD61A 37LC2D-FC ALFRLX IR/LED TOTAL
120	⚠ 6709900016D	SMPS,AC/DC, LGLP2637HEP 90.0VTO264.0V 215W 47TO63HZ UL/CSA/SEMKO YY / AT / HE
	or 6709900016B	Power Supply Assembly, FREE H3/E2 LCD MODEL LCD LG ELECTRONICS LB LC 37INCH
130	68719ST100A	PCB Assembly,Sub, SUB T.T LD61A 32LC2D-EC ALUKLFX JACK BOARD
140	33139D3061A	Main Total Assembly, 37LC2D-EC BRAND LD61A
150	4950TKA363K	Plate, REAR SHILED DIGITAL AV 37LC2D-EC(C/SKD)
160	35509K0217B	Cover, MOLD HIPS 37LC2R-ZH HIPS 405AF LGEMA PHANTOM
170	35509K0197A	Cover, MOLD HIPS 32LC2 CABLE MANAGEMENT

# EXPLODED VIEW(42LC2D)



## EXPLODED VIEW PARTS LIST(42LC2D)

No.	PART NO.	DESCRIPTION
010	⚠ 30919E0047G	Cover Assembly, 42LC2D BRAND 30909E0028 EC C/SKD
	30919E0047L	Cover Assembly, 42LC2DB BRAND 30909E0028 EC C/SKD
020	⚠ 6304FLP363A	LCD,Panel-TFT, LC420W02-SLA1 42INCH 1365X768 500CD COLOR 72% -
030	⚠ 3809900165K	Cover Assembly, 42LC2D 2PHONE EC C/SKD, SPRAY
040	⚠ 3043900034C	Base Assembly, 42LC2 42LC2 FOR USA C/SKD
	3043900034F	Base Assembly, 42LC2RA/RB - ZH C/SKD
050	6400DTTX02A	Speaker,Tweeter, EN15D-6629-2 ND 15W 25OHM 81DB 0HZ D1:29.8 LUG
060	6400WMCX03A	Speaker,Woofe, G1560102 ND35 15W 80HM 82DB 100HZ 193X57mM LUG
070	35519K0030D	Cover Assembly, 42LC2 STAND 35509K0220B SUPPORT C/SKD
080	49519S0036E	Plate Assembly, FRAME MAIN 42LC2D-EC C/SKD
090	68719ST981A	PCB Assembly,Sub, SUB T.T LD61A 42LC2D-EC ALUKLFX SIDE AV
100	68719ST983A	PCB Assembly,Sub, SUB T.T LD61A 42LC2D-EC ALUKLFX CONTROL
110	68719ST982A	PCB Assembly,Sub, SUB T.T LD61A 42LC2D-EC ALUKLFX LED/IR
120	⚠ 6709900017B	SMPS,AC/DC, YP4201 90.0VTO264.0V 280W 47TO63HZ UL/CSA/TUV/SEMKO 42" LCD
130	68719ST100A	PCB Assembly,Sub, SUB T.T LD61A 32LC2D-EC ALUKLFX JACK BOARD
140	33139D4021A	Main Total Assembly, 42LC2D-EC BRAND LD61A
150	49519K0115J	Plate Assembly, SHIELD MAIN DIGITAL 42LC2D-EC(C/SKD)
160	35509K0197A	Cover, MOLD HIPS 32LC2 CABLE MANAGEMENT

# REPLACEMENT PARTS LIST

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

CC, CX, CK, CN, CH : Ceramic  
CQ : Polyester  
CE : Electrolytic  
CF : Fixed Film

RD : Carbon Film  
RS : Metal Oxide Film  
RN : Metal Film  
RH : CHIP, Metal Glazed(Chip)  
RR : Drawing

DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
<b>MAIN BOARD</b>				
<b>CAPACITOR</b>				
#	#	#		
		C100	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16
		C1000	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 1
		C1005	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 1
		C1007	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1009	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1015	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1019	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1030	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1043	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1046	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 1
		C1047	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1050	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 1
		C1051	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 1
		C1064	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1065	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1066	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1067	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1068	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1069	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1071	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 1
		C1073	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 1
		C108	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16
		C1082	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1083	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1084	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1085	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1087	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 1
		C1098	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1099	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1102	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1105	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1107	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1110	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 1
		C1114	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1116	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1126	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 1
		C1137	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1138	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1149	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1150	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1151	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1159	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C116	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16
		C1162	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1165	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1166	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1185	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1186	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1187	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1188	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1189	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1190	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1191	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1192	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1193	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1199	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C1200	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16
		C1201	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16
		C1225	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16
		C1245	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16
		C1247	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C1310	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%

DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
			C1313	0CE107WF6DC MVK6.3TP16VC100M 100uF 20%
			C1318	0CE107WF6DC MVK6.3TP16VC100M 100uF 20%
			C1433	0CE107WF6DC MVK6.3TP16VC100M 100uF 20%
			C1503	0CE107WF6DC MVK6.3TP16VC100M 100uF 20%
			C1506	0CE476WF6DC MVK6.3TP16VC47M 47uF 20% 16
			C1507	0CE476WF6DC MVK6.3TP16VC47M 47uF 20% 16
			C1508	0CE476WF6DC MVK6.3TP16VC47M 47uF 20% 16
			C1511	0CE477WF6DC MVK10TP16VC470M 470uF 20% 1
			C1513	0CE476WF6DC MVK6.3TP16VC47M 47uF 20% 16
			C1521	0CE107WF6DC MVK6.3TP16VC100M 100uF 20%
			C179	0CE106WFKDC MVK4.0TP16VC10M 10uF 20% 16
			C1814	0CE227WF6DC MVK8.0TP16VC220M 220uF 20%
			C200	0CE477WF6DC MVK10TP16VC470M 470uF 20% 1
			C201	0CE477WF6DC MVK10TP16VC470M 470uF 20% 1
			C202	0CE477WF6DC MVK10TP16VC470M 470uF 20% 1
			C206	0CE477WF6DC MVK10TP16VC470M 470uF 20% 1
			C208	0CE107WF6DC MVK6.3TP16VC100M 100uF 20%
			C226	0CE106WFKDC MVK4.0TP16VC10M 10uF 20% 16
			C300	0CE227WF6DC MVK8.0TP16VC220M 220uF 20%
			C308	0CE227WF6DC MVK8.0TP16VC220M 220uF 20%
			C310	0CE227WF6DC MVK8.0TP16VC220M 220uF 20%
			C311	0CE227WF6DC MVK8.0TP16VC220M 220uF 20%
			C314	0CE227WF6DC MVK8.0TP16VC220M 220uF 20%
			C330	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C337	0CE106WFKDC MVK4.0TP16VC10M 10uF 20% 16
			C418	0CE106WFKDC MVK4.0TP16VC10M 10uF 20% 16
			C420	0CE106WFKDC MVK4.0TP16VC10M 10uF 20% 16
			C501	0CE477WF6DC MVK10TP16VC470M 470uF 20% 1
			C502	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C506	0CE107WF6DC MVK6.3TP16VC100M 100uF 20%
			C508	0CE477WF6DC MVK10TP16VC470M 470uF 20% 1
			C509	0CE477WF6DC MVK10TP16VC470M 470uF 20% 1
			C510	0CE477WF6DC MVK10TP16VC470M 470uF 20% 1
			C517	0CE227WF6DC MVK8.0TP16VC220M 220uF 20%
			C519	0CE477WF6DC MVK10TP16VC470M 470uF 20% 1
			C521	0CE227WF6DC MVK8.0TP16VC220M 220uF 20%
			C524	0CE227WF6DC MVK8.0TP16VC220M 220uF 20%
			C525	0CE227WF6DC MVK8.0TP16VC220M 220uF 20%
			C526	0CE477WF6DC MVK10TP16VC470M 470uF 20% 1
			C529	0CE227WF6DC MVK8.0TP16VC220M 220uF 20%
			C530	0CE227WF6DC MVK8.0TP16VC220M 220uF 20%
			C535	0CE227WF6DC MVK8.0TP16VC220M 220uF 20%
			C536	0CE227WF6DC MVK8.0TP16VC220M 220uF 20%
			C538	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C540	0CE107WF6DC MVK6.3TP16VC100M 100uF 20%
			C546	0CE477WF6DC MVK10TP16VC470M 470uF 20% 1
			C606	0CE107WF6DC MVK6.3TP16VC100M 100uF 20%
			C610	0CE107WF6DC MVK6.3TP16VC100M 100uF 20%
			C624	0CE107WF6DC MVK6.3TP16VC100M 100uF 20%
			C627	0CE107WF6DC MVK6.3TP16VC100M 100uF 20%
			C728	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C729	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C730	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C731	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C735	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C737	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C739	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C745	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C750	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C752	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C760	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C762	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C764	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C767	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16
			C771	0CE226WF6DC MVK5.0TP16VC22M 22uF 20% 16









DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C190	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C191	0CK822CK46A	0603B822J500CT 8.2nF 5% 50V
		C192	0CK822CK46A	0603B822J500CT 8.2nF 5% 50V
		C195	0CK475CC94A	C1608Y5V0J475ZT 4.7uF -20TO
		C196	0CK475CC94A	C1608Y5V0J475ZT 4.7uF -20TO
		C197	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C198	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C227	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C2570	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C2579	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50
		C302	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V
		C303	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C304	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V
		C305	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C306	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V
		C307	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V
		C309	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C316	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C317	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C318	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C319	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C320	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C321	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C322	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C324	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C325	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50
		C328	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C331	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C338	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C341	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C361	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C363	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C373	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C374	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C401	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C402	0CC331CK41A	C1608C0G1H331JT 330pF 5% 50
		C403	0CC331CK41A	C1608C0G1H331JT 330pF 5% 50
		C404	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C405	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C406	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C407	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C408	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C409	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C410	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C411	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C412	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C419	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C421	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C500	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C504	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C513	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C516	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C518	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C520	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C522	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C523	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C527	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C528	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C531	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C533	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C534	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C537	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V
		C541	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C542	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C543	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C544	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V
		C545	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V
		C547	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V
		C601	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C602	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C603	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C607	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C609	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C625	0CK104CK56A	0603B104K500CT 100nF 10% 50

DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C628	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C630	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C631	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C700	0CC300CK41A	C1608C0G1H300JT 30pF 5% 50V
		C701	0CC300CK41A	C1608C0G1H300JT 30pF 5% 50V
		C703	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C704	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C705	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C706	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C708	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C709	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C710	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C711	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C713	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C714	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C715	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C717	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C721	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C723	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C724	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C725	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C727	0CC221CK41A	C1608C0G1H221JT 220pF 5% 50
		C746	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C765	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C773	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C774	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C775	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C776	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C800	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C803	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C805	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C810	0CC300CK41A	C1608C0G1H300JT 30pF 5% 50V
		C811	0CC300CK41A	C1608C0G1H300JT 30pF 5% 50V
		C812	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C813	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C814	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C815	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C816	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C817	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C818	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C819	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C820	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C821	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C822	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C823	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C824	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C825	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C826	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C828	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C829	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C830	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C831	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C843	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C858	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C900	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C945	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C948	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C949	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C951	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C99	0CK103CK56A	0603B103K500CT 10nF 10% 50V
<b>DIODEs</b>				
		D1200	0DD184009AA	KDS184 KDS184 TP KEC - 85V
		D1000	0DD100009AM	EU1ZV(1) 200V 2.5V 10UA 15A
		D1011	0DD200009AF	RU2M 400V 1.2V 10UA 20A 400
		D1012	0DD200009AF	RU2M 400V 1.2V 10UA 20A 400
		D1005	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D1006	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D1007	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D1008	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D1009	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D1010	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D1100	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N





DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R1819	0RJ0512D677	MCR03EZPJ510 51OHM 5% 1/10W
		R1821	0RJ0512D677	MCR03EZPJ510 51OHM 5% 1/10W
		R1824	0RJ0512D677	MCR03EZPJ510 51OHM 5% 1/10W
		R1825	0RJ0512D677	MCR03EZPJ510 51OHM 5% 1/10W
		R1828	0RJ0512D677	MCR03EZPJ510 51OHM 5% 1/10W
		R1829	0RJ0512D677	MCR03EZPJ510 51OHM 5% 1/10W
		R1830	0RJ0512D677	MCR03EZPJ510 51OHM 5% 1/10W
		R1831	0RJ0512D677	MCR03EZPJ510 51OHM 5% 1/10W
		R1866	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R1867	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R1881	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1887	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R1888	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R1889	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R1895	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R191	0RJ3300D677	MCR03EZPJ331 330OHM 5% 1/10
		R192	0RJ3300D677	MCR03EZPJ331 330OHM 5% 1/10
		R196	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R200	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R201	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R202	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R203	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R204	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R205	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R206	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R207	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R208	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R209	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R210	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R211	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R212	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R213	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R214	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R215	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R216	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R217	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R218	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R219	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R220	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R221	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R222	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R223	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R224	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R225	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R226	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R227	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R228	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R229	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R230	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R231	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R232	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R233	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R234	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R235	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R236	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R237	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R238	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R239	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R240	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R242	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R258	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R259	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R265	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R3004	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R3005	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R3011	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R3012	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R3017	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R3026	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R307	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R308	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R309	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R310	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R311	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W

DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R312	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R313	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R314	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R315	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R316	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R331	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R332	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R333	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R341	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R342	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R343	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R344	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R370	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R373	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R376	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R377	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R383	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R389	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R392	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R394	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R451	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R512	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R513	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R523	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R526	0RJ2702D677	MCR03EZPJ273 27KOHM 5% 1/10
		R527	0RJ2702D677	MCR03EZPJ273 27KOHM 5% 1/10
		R528	0RJ3300D677	MCR03EZPJ331 330OHM 5% 1/10
		R529	0RJ3300D677	MCR03EZPJ331 330OHM 5% 1/10
		R530	0RJ4700D677	MCR03EZPJ471 47OHM 5% 1/10
		R532	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R533	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R534	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W
		R535	0RJ3300D677	MCR03EZPJ331 330OHM 5% 1/10
		R537	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R540	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R541	0RJ3300D677	MCR03EZPJ331 330OHM 5% 1/10
		R543	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R560	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R561	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R562	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R566	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R567	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R569	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R570	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R606	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R610	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R658	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R661	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R664	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R712	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R780	0RJ2701D677	MCR03EZPJ272 2.7KOHM 5% 1/1
		R781	0RJ2701D677	MCR03EZPJ272 2.7KOHM 5% 1/1
		R784	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R785	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R803	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R804	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R805	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R837	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R841	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R850	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R853	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R854	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R855	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R856	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R889	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R893	0RJ9102D677	MCR03EZPJ913 91KOHM 5% 1/10
		R911	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R914	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R917	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R918	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R920	0RJ2700D677	MCR03EZPJ271 270OHM 5% 1/10
		R940	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R941	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R942	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W



DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R152	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R154	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R155	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R156	0RJ3303D677	MCR03EZPJ334 330KOHM 5% 1/1
		R157	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R158	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R159	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R160	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R167	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R169	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R170	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R171	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R172	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1800	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1822	0RJ0512D677	MCR03EZPJ510 51OHM 5% 1/10W
		R1823	0RJ0512D677	MCR03EZPJ510 51OHM 5% 1/10W
		R1826	0RJ0512D677	MCR03EZPJ510 51OHM 5% 1/10W
		R1827	0RJ0512D677	MCR03EZPJ510 51OHM 5% 1/10W
		R183	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R184	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R1856	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R1857	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R1858	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R1859	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R186	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R1860	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R1862	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R1863	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R1864	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R1865	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R187	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R1874	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R1875	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R1879	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R1880	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R1884	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1885	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R1886	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R1894	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R1896	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1897	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1898	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R193	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R194	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R195	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R256	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R257	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R260	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R261	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R262	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R263	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R264	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R300	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R3001	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R3003	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R3008	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R301	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R3010	0RJ1201D677	MCR03EZPJ122 1.2KOHM 5% 1/1
		R3018	0RJ2702D677	MCR03EZPJ273 27KOHM 5% 1/10
		R302	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R3020	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R3021	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R3027	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R303	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R304	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R305	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R306	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R317	0RJ3300D677	MCR03EZPJ331 330OHM 5% 1/10
		R318	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R319	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R320	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R321	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R322	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R323	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W

DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R324	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R325	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R326	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R327	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R328	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R329	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R330	0RJ1003D677	MCR03EZPJ104 100KOHM 5% 1/1
		R340	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R350	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R351	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R357	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R358	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R360	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R364	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R365	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R366	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R367	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R368	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R369	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R374	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R378	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R379	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R380	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R381	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R382	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R388	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W
		R393	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R397	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R400	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R401	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R402	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R403	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R406	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R407	0RJ1202D677	MCR03EZPJ123 12KOHM 5% 1/10
		R408	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R409	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R410	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R411	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R413	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R414	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R422	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R443	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R445	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R446	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R500	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R501	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R502	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R503	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R504	0RJ5101D677	MCR03EZPJ512 5.1KOHM 5% 1/1
		R505	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R506	0RJ5101D677	MCR03EZPJ512 5.1KOHM 5% 1/1
		R507	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R508	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R509	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R510	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R511	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R514	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R515	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R516	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R517	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R518	0RJ1201D677	MCR03EZPJ122 1.2KOHM 5% 1/1
		R519	0RJ1801D677	MCR03EZPJ182 1.8KOHM 5% 1/1
		R520	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R521	0RJ9100D677	MCR03EZPJ911 910OHM 5% 1/10
		R522	0RJ9311D477	MCR03EZPF9311 9.31KOHM 1% 1
		R531	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R536	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R538	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W
		R539	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W
		R542	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R544	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R545	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R546	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R547	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W





DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R900	0RJ1002D677	MCR03EZPJ103 1KOHM 5% 1/10
		R903	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R904	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R905	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R906	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R907	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R908	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R909	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R910	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R912	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R915	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R919	0RJ2700D677	MCR03EZPJ271 270OHM 5% 1/10
		R927	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R928	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R929	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R930	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R931	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R935	0RJ1002D677	MCR03EZPJ103 1KOHM 5% 1/10
		R943	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R945	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R946	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R947	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R948	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R954	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R955	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
<b>OTHERS</b>				
		D1003	0DL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.
		LED300	0DL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.
		LED500	0DL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.
		LED501	0DL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.
		LED502	0DL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.
		X100	6212AA2998A	HLX-308 32.768MHZ 10PPM 32.
		X101	6212AB2883A	HC-49SM 27.00000MHZ 27MHZ 3
		X1200	6212AB2883A	HC-49SM 27.00000MHZ 27MHZ 3
		X700	6212AB2015J	HC-49SM 19.66080HZ 19.6608H
		X800	6212AB2015J	HC-49SM 19.66080HZ 19.6608H
		SW100	6600VR1004A	SKHMPWE010 1C1P 12VDC 0.05A
		SW700	6600VR1004A	SKHMPWE010 1C1P 12VDC 0.05A
		SW800	6600VR1004A	SKHMPWE010 1C1P 12VDC 0.05A
		TU300	6700DF0003A	TDFB-G306P DVB(OFD) 100000
<b>JACK BOARD</b>				
<b>CAPACITOR</b>				
		C118	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25
		C119	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25
		C120	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25
		C121	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25
		C126	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C131	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25
		C132	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25
		C140	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16
		C1430	0CE227WJ6DC	MVK10TP35VC220M 220uF 20% 3
		C1431	0CE227WJ6DC	MVK10TP35VC220M 220uF 20% 3
		C1432	0CE227WJ6DC	MVK10TP35VC220M 220uF 20% 3
		C1433	0CE227WJ6DC	MVK10TP35VC220M 220uF 20% 3
		C1439	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C144	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16
		C1443	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C150	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C152	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C153	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C201	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20%
		C203	0CE227SF6DC	MVG6.3TP16VC220M 220uF 20%
		C204	0CE105WK6DC	MVK4.0TP50VC1M 1uF 20% 50V
		C212	0CE227SF6DC	MVG6.3TP16VC220M 220uF 20%
		C216	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C221	0CE476WK6DC	MVK8.0TP50VC47M 47uF 20% 50
		C225	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C228	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C230	0CE477SF6DC	VMV477M016S0ANG030 470uF 20

DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C302	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C304	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16
		C305	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C308	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C343	0CE105WK6DC	MVK4.0TP50VC1M 1uF 20% 50V
		C344	0CE105WK6DC	MVK4.0TP50VC1M 1uF 20% 50V
		C349	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C351	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20%
		C353	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20%
		C406	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16
		C416	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C417	0CE335SK6DC	VMV335M050S0ANB010 3.3uF 20
		C424	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16
		C440	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25
		C447	0CE335WK6D8	MVK4.0TP50VC3.3M 3.3uF 20%
		C448	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C452	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C455	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25
		C456	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25
		C458	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25
		C467	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20%
		C468	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20%
		C469	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20%
		C492	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20%
		C494	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20%
		C512	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16
		C530	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20%
		C531	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20%
		C602	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C607	0CE107VH6DC	VGVI07M025S0ANG020 100uF 20
		C608	0CE227SF6DC	MVG6.3TP16VC220M 220uF 20%
		C609	0CE227SF6DC	MVG6.3TP16VC220M 220uF 20%
		C610	0CE227SF6DC	MVG6.3TP16VC220M 220uF 20%
		C612	0CE107VH6DC	VGVI07M025S0ANG020 100uF 20
		C614	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C627	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C628	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C636	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C637	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C641	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C655	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C656	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C658	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20%
		C109	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C110	0CK102CK56A	0603B102K500CT 1nF 10% 50V
		C111	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C112	0CK102CK56A	0603B102K500CT 1nF 10% 50V
		C113	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C114	0CK102CK56A	0603B102K500CT 1nF 10% 50V
		C115	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C116	0CK102CK56A	0603B102K500CT 1nF 10% 50V
		C117	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C127	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C128	0CK102CK56A	0603B102K500CT 1nF 10% 50V
		C129	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C130	0CK102CK56A	0603B102K500CT 1nF 10% 50V
		C135	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C136	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C1400	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C1401	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C1404	0CK471CK56A	C1608X7R1H471KT 470pF 10% 5
		C1405	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C1407	0CK471CK56A	C1608X7R1H471KT 470pF 10% 5
		C1408	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C1409	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C141	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C1411	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C1412	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C1417	0CK102CK56A	0603B102K500CT 1nF 10% 50V
		C1418	0CK102CK56A	0603B102K500CT 1nF 10% 50V
		C1419	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C142	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C143	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C1434	0CC331CK41A	C1608C0G1H331JT 330pF 5% 50

DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C145	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C154	0CC221CK41A	C1608C0G1H221JT 220pF 5% 50
		C155	0CC221CK41A	C1608C0G1H221JT 220pF 5% 50
		C156	0CC331CK41A	C1608C0G1H331JT 330pF 5% 50
		C157	0CC221CK41A	C1608C0G1H221JT 220pF 5% 50
		C159	0CC331CK41A	C1608C0G1H331JT 330pF 5% 50
		C169	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50
		C205	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C206	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C207	0CC270CK41A	C1608C0G1H270JT 27pF 5% 50V
		C208	0CC270CK41A	C1608C0G1H270JT 27pF 5% 50V
		C210	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50
		C211	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C213	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C214	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C215	0CK153CK56A	0603B153K500CT 15nF 10% 50V
		C217	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C222	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C224	0CC271CK41A	C1608C0G1H271JT 270pF 5% 50
		C226	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C227	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C229	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C300	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C301	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C303	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C306	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C307	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C309	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C310	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C311	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C312	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 1
		C313	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C317	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 1
		C318	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C319	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 1
		C320	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C321	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C346	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C347	0CC151CK41A	C1608C0G1H151JT 150pF 5% 50
		C348	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C350	0CK104CF56A	0603B104K160CT 100nF 10% 16
		C352	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 5
		C354	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 5
		C355	0CC820CK41A	C1608C0G1H820JT 82pF 5% 50V
		C402	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C410	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C411	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C412	0CC560CK41A	C1608C0G1H560JT 56pF 5% 50V
		C413	0CC560CK41A	C1608C0G1H560JT 56pF 5% 50V
		C414	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C415	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C420	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C427	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C431	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C436	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50
		C442	0CK105DF64A	0805F105Z160CT 1uF -20TO+80
		C443	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C445	0CK471CK56A	C1608X7R1H471KT 470pF 10% 5
		C446	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C451	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C453	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C454	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C457	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C459	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C463	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C464	0CK102CK56A	0603B102K500CT 1nF 10% 50V
		C465	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C471	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C473	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C475	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C476	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C477	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C478	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C479	0CK104CK56A	0603B104K500CT 100nF 10% 50

DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C482	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C485	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C490	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C491	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C497	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C498	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C499	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C502	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C503	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C505	0CC120CK41A	C1608C0G1H120JT 12pF 5% 50V
		C507	0CC120CK41A	C1608C0G1H120JT 12pF 5% 50V
		C511	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C601	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C603	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C604	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C605	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C606	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C615	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C616	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C617	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C618	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C619	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C620	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C622	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C623	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C624	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C626	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C631	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C633	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C634	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C639	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C644	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C645	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C650	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C651	0CK103CK56A	0603B103K500CT 10nF 10% 50V
		C1440	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V
		C218	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C219	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C220	0CC271CK41A	C1608C0G1H271JT 270pF 5% 50
		C316	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 1
		C322	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C323	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C324	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 1
		C325	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C326	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C327	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 1
		C328	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 1
		C329	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C330	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C331	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C332	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 1
		C333	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C334	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C335	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 1
		C336	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C337	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C338	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 1
		C339	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C341	0CK821CK56A	C1608X7R1H821KT 820pF 10% 5
		C342	0CK563CK56A	C1608X7R1H563KT 56nF 10% 50
		C345	0CK223CK56A	UMK107JB223KA-T 22nF 10% 50
		C404	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V
		C405	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C407	0CH5100K416	0805N100J500LT 10pF 5% 50V
		C408	0CH5100K416	0805N100J500LT 10pF 5% 50V
		C409	0CK104CK56A	0603B104K500CT 100nF 10% 50
		C418	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C419	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C421	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C423	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C426	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C429	0CK474CH94A	0603F474Z250CT 470nF -20TO+
		C432	0CK102CK56A	0603B102K500CT 1nF 10% 50V
		C433	0CK474CH94A	0603F474Z250CT 470nF -20TO+

DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C435	OCK474CH94A	0603F474Z250CT 470nF -20TO+
		C437	OCC101CK41A	C1608C0G1H101JT 100pF 5% 50
		C444	OCC103CK56A	0603B103K500CT 10nF 10% 50V
		C449	OCC102CK56A	0603B102K500CT 1nF 10% 50V
		C450	OCC104CK56A	0603B104K500CT 100nF 10% 50
		C460	OCC105DF64A	0805F105Z160CT 1uF -20TO+80
		C461	OCC682CK51A	C1608Y5P1H682KT 6.8nF 10% 5
		C462	OCC682CK51A	C1608Y5P1H682KT 6.8nF 10% 5
		C466	OCC105DF64A	0805F105Z160CT 1uF -20TO+80
		C470	OCC682CK51A	C1608Y5P1H682KT 6.8nF 10% 5
		C474	OCC682CK51A	C1608Y5P1H682KT 6.8nF 10% 5
		C486	OCC333CK56A	C1608X7R1H333KT 33nF 10% 50
		C487	OCC333CK56A	C1608X7R1H333KT 33nF 10% 50
		C488	OCC333CK56A	C1608X7R1H333KT 33nF 10% 50
		C489	OCC333CK56A	C1608X7R1H333KT 33nF 10% 50
		C513	OCC104CK56A	0603B104K500CT 100nF 10% 50
		C514	OCC104CK56A	0603B104K500CT 100nF 10% 50
		C533	OCC682CK51A	C1608Y5P1H682KT 6.8nF 10% 5
		C535	OCC682CK51A	C1608Y5P1H682KT 6.8nF 10% 5
		C611	OCC104CK56A	0603B104K500CT 100nF 10% 50
		C647	OCC104CK56A	0603B104K500CT 100nF 10% 50
		C653	OCC103CK56A	0603B103K500CT 10nF 10% 50V
		C681	OCC103CK56A	0603B103K500CT 10nF 10% 50V
		C682	OCC104CK56A	0603B104K500CT 100nF 10% 50
		C495	OCF4741L430	PCMT365 76474 470nF 5% 63V
		C496	OCF4741L430	PCMT365 76474 470nF 5% 63V
<b>DIODES</b>				
		D100	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D101	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D103	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D104	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D109	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D110	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D111	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D300	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D500	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D501	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D502	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D601	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D607	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4N
		D201	0DS113379BA	1SS133 1.2V 90V 400MA 600MA
		ZD301	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W
		ZD302	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W
		D102	0DZRM00178A	UDZS5.1B 5.1V 4.98TO5.2V 80
		D401	0DZRM00248A	RLZ8.2B 8.2V 7.78TO8.19V 80
		D504	0DZRM00178A	UDZS5.1B 5.1V 4.98TO5.2V 80
		D505	0DZRM00178A	UDZS5.1B 5.1V 4.98TO5.2V 80
		D506	0DZRM00178A	UDZS5.1B 5.1V 4.98TO5.2V 80
		D507	0DZ560009DA	UDZS5.6B 5.6V 5.49TO5.73V 6
		D508	0DZRM00178A	UDZS5.1B 5.1V 4.98TO5.2V 80
		ZD100	0DZRM00178A	UDZS5.1B 5.1V 4.98TO5.2V 80
		ZD101	0DZRM00178A	UDZS5.1B 5.1V 4.98TO5.2V 80
		ZD102	0DZRM00178A	UDZS5.1B 5.1V 4.98TO5.2V 80
<b>IC</b>				
		IC203	OIPRP00602A	TPS2010ADR 2.7TO5.5V 8.6MSE
		IC300	OISO206900A	CXA2069Q 8.5TO9.5V - - 1300
		IC403	OILNR00015A	NSP-2100A 1.8VTO3.3V - - -
		IC405	OIMCRTI028C	"TAS5122DCARG4,LF 3TO3.6V_16"
		IC502	OIPH741400E	74HC14D 2TO6V 0.002mA SCHMI
		IC500	OIMMRAL014D	AT24C02BN-10SU-1.8 2KBIT 25
		IC615	OIPMGKE030A	KIA78R05F 6TO12V 5V 8W DPAK
		IC404	OIMCRMN028C	MSP4450K-QA-D6 7.6TO8.7V_4
		IC301	OISA721700C	LA7217M 4.5VTO5.5V 16.1KHZ
		IC401	OIKE704200J	KIA7042AF -0.3TO15V 4.2V 50
		IC202	OIPMGON013B	MC34063ADR2G 3TO40V 40V 625
		IC608	OIMCRFA010A	KA7809R 11.5TO24V 9V 150W D
<b>COIL &amp; CORE &amp; INDUCTOR</b>				
		L100	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2

DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		L101	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L110	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L111	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L116	6200JB8010L	MLB-201209-1000L-N2 1000OHM
		L117	6200JB8010L	MLB-201209-1000L-N2 1000OHM
		L122	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L123	6200JB8010L	MLB-201209-1000L-N2 1000OHM
		L124	6200JB8010L	MLB-201209-1000L-N2 1000OHM
		L128	6210VC0005A	BK2125HS750-T 75OHM 2X1.25X
		L129	6210VC0005A	BK2125HS750-T 75OHM 2X1.25X
		L130	6210VC0005A	BK2125HS750-T 75OHM 2X1.25X
		L131	6210VC0005A	BK2125HS750-T 75OHM 2X1.25X
		L132	6210VC0005A	BK2125HS750-T 75OHM 2X1.25X
		L201	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L204	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L232	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L300	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L301	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L302	6200JB8010L	MLB-201209-1000L-N2 1000OHM
		L401	6200J000013	MLB-321611-0500P-N2 500OHM
		L402	6200J000013	MLB-321611-0500P-N2 500OHM
		L404	6200J000013	MLB-321611-0500P-N2 500OHM
		L405	6200J000013	MLB-321611-0500P-N2 500OHM
		L406	6200J000013	MLB-321611-0500P-N2 500OHM
		L407	6200J000013	MLB-321611-0500P-N2 500OHM
		L421	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X
		L422	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X
		L423	6210TCE001S	HU-1M2012-121 120OHM 2X1.25
		L424	6210TCE001S	HU-1M2012-121 120OHM 2X1.25
		L425	6210TCE001S	HU-1M2012-121 120OHM 2X1.25
		L426	6210TCE001S	HU-1M2012-121 120OHM 2X1.25
		L500	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L502	6200JB8010L	MLB-201209-1000L-N2 1000OHM
		L503	6200JB8010L	MLB-201209-1000L-N2 1000OHM
		L506	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L601	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L603	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L604	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L609	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L610	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L612	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L616	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L617	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L620	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L623	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L624	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L200	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L202	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L231	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		L403	6210TCE001G	HH-1M3216-501JT 500OHM 3.2X
		L618	6210VC0006A	FBMH3216 HM501NT 500OHM 3.2
		R426	6210TCE0013	HB-1M1608-121JT 120OHM 1.6X
		L102	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L103	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L104	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L105	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L106	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L107	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L108	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L109	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L112	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L113	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L114	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L115	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L119	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L120	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L125	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L126	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L127	0LCML00020G	MLI-201209-3R3K 3.3UH 10% -
		L206	0LC0233002A	FI-B2012-332KJT 3.3UH 10% -
		L303	0LC1032101A	FI-C3216-103KJT 10UH 10% -
		L412	0LCML00020C	MLI-201212-100K 10UH 10% -
		L413	0LCML00020C	MLI-201212-100K 10UH 10% -
		L205	0LC6461201A	D75C-646CY-121M=P3 120UH 20

DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		L408	OLCTO00019A	D75C-646CY-220M=P3 22UH 20%
		L409	OLCTO00019A	D75C-646CY-220M=P3 22UH 20%
		L410	OLCTO00019A	D75C-646CY-220M=P3 22UH 20%
		L411	OLCTO00019A	D75C-646CY-220M=P3 22UH 20%
<b>TRANSISTOR</b>				
		IC200	OTR830009BA	BSS83 N-CHANNEL MOSFET 10V
		IC201	OTR830009BA	BSS83 N-CHANNEL MOSFET 10V
		IC503	OTR830009BA	BSS83 N-CHANNEL MOSFET 10V
		IC504	OTR830009BA	BSS83 N-CHANNEL MOSFET 10V
		IC505	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		IC507	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q100	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q101	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q105	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q106	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q107	OTR102009AM	KRA102S PNP -30V - -50V -0.
		Q204	OTR150400BA	2SA1504S(ASY) PNP -5V -50V
		Q205	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q206	OTR150400BA	2SA1504S(ASY) PNP -5V -50V
		Q207	OTR150400BA	2SA1504S(ASY) PNP -5V -50V
		Q302	OTR150400BA	2SA1504S(ASY) PNP -5V -50V
		Q303	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q304	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q305	OTR150400BA	2SA1504S(ASY) PNP -5V -50V
		Q306	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q307	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q401	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q414	OTR102009AM	KRA102S PNP -30V - -50V -0.
		Q415	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q300	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q301	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q402	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q403	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q406	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q408	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q412	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
		Q413	OTR387500AA	2SC3875S(ALY) NPN 5V 60V 50
<b>RESISTORS</b>				
		R222	ORD0331H609	RD-92T1J3R30 3.30HM 5% 1/2W
		R100	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R1000	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1001	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1004	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1005	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1008	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R101	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1011	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1013	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1015	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1016	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1018	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R102	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R104	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R105	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R106	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10
		R108	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W
		R109	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R110	0RJ3002D677	MCR03EZPJ303 30KOHM 5% 1/10
		R111	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10
		R112	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W
		R113	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W
		R114	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W
		R115	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W
		R116	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W
		R117	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R119	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R121	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R123	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R125	0RJ3002D677	MCR03EZPJ303 30KOHM 5% 1/10

DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R126	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R127	0RJ4703D677	MCR03EZPJ474 47KOHM 5% 1/1
		R128	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R129	0RJ4703D677	MCR03EZPJ474 47KOHM 5% 1/1
		R130	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R131	0RJ4703D677	MCR03EZPJ474 47KOHM 5% 1/1
		R132	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R133	0RJ4703D677	MCR03EZPJ474 47KOHM 5% 1/1
		R134	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R135	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W
		R136	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W
		R137	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W
		R138	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W
		R139	0RJ2000D677	MCR03EZPJ201 200OHM 5% 1/10
		R1400	0RJ4703D677	MCR03EZPJ474 47KOHM 5% 1/1
		R1401	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1402	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R1403	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R1405	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W
		R1406	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R1407	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R1408	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W
		R1412	0RJ0101D677	MCR03EZPJ1R0 1OHM 5% 1/10W
		R1413	0RJ0101D677	MCR03EZPJ1R0 1OHM 5% 1/10W
		R1415	0RJ0101D677	MCR03EZPJ1R0 1OHM 5% 1/10W
		R1416	0RJ0101D677	MCR03EZPJ1R0 1OHM 5% 1/10W
		R1417	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1423	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1426	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R143	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R145	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R1450	0RJ1101D677	MCR03EZPJ112 1.1KOHM 5% 1/1
		R1451	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R1452	0RJ1500D677	MCR03EZPJ151 150OHM 5% 1/10
		R1454	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R146	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R1462	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10
		R1464	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R1465	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R147	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R149	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R151	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R153	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R154	0RJ4703D677	MCR03EZPJ474 47KOHM 5% 1/1
		R155	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R156	0RJ4703D677	MCR03EZPJ474 47KOHM 5% 1/1
		R159	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R160	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R161	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R162	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R163	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R164	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R165	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R166	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R167	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R168	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R169	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R170	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W
		R171	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W
		R172	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R173	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R174	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W
		R175	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W
		R176	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R177	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W
		R179	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R180	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W
		R181	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R182	0RJ2700D677	MCR03EZPJ271 270OHM 5% 1/10
		R183	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W
		R184	0RJ2700D677	MCR03EZPJ271 270OHM 5% 1/10
		R185	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W
		R186	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W
		R187	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W

DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R188	0RJ6801D677	MCR03EZPJ682 6.8KOHM 5% 1/1
		R189	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R197	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R198	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R201	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R202	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R208	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R209	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R210	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R211	0RJ4700D677	MCR03EZPJ471 470OHM 5% 1/10
		R212	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W
		R213	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R214	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R215	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R216	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10
		R217	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R218	0RJ2700D677	MCR03EZPJ271 270OHM 5% 1/10
		R219	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R220	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R221	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R224	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R225	0RJ5602D477	MCR03EZPF563 56KOHM 1% 1/10
		R226	0RJ2201D677	MCR03EZPJ222 2.2KOHM 5% 1/1
		R227	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R229	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W
		R230	0RJ1500D677	MCR03EZPJ151 150OHM 5% 1/10
		R242	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R243	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R244	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R245	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R246	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R247	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R248	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R249	0RJ0000G676	MCR18EZHJ000_0OHM 5% 1/4W
		R304	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R306	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R308	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R309	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R315	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R316	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R318	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R319	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R320	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R321	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R322	0RJ1201D677	MCR03EZPJ122 1.2KOHM 5% 1/1
		R323	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R324	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R325	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R326	0RJ1201D677	MCR03EZPJ122 1.2KOHM 5% 1/1
		R327	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R328	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R334	0RJ1201D677	MCR03EZPJ122 1.2KOHM 5% 1/1
		R335	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R336	0RJ1201D677	MCR03EZPJ122 1.2KOHM 5% 1/1
		R337	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R338	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R354	0RJ1003D677	MCR03EZPJ104 100KOHM 5% 1/1
		R355	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R356	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R357	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R358	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R359	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/1
		R360	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/1
		R366	0RJ1003D677	MCR03EZPJ104 100KOHM 5% 1/1
		R368	0RJ5600D677	MCR03EZPJ561 560OHM 5% 1/10
		R369	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R370	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R371	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R372	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W
		R373	0RJ3901D677	MCR03EZPJ392 3.9KOHM 5% 1/1
		R374	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R375	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R376	0RJ1501D677	MCR03EZPJ152 1.5KOHM 5% 1/1
		R377	0RJ1501D677	MCR03EZPJ152 1.5KOHM 5% 1/1

DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R378	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/1
		R379	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R380	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R381	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/1
		R382	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R406	0RJ6202D677	MCR03EZPJ623 62KOHM 5% 1/10
		R407	0RJ2402D677	MCR03EZPJ243 24KOHM 5% 1/10
		R408	0RJ1501D677	MCR03EZPJ152 1.5KOHM 5% 1/1
		R409	0RJ4700D677	MCR03EZPJ471 470OHM 5% 1/10
		R412	0RJ0432D677	MCR03EZPJ430 43OHM 5% 1/10W
		R413	0RJ0432D677	MCR03EZPJ430 43OHM 5% 1/10W
		R421	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R422	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R424	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R433	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R435	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R436	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R440	0RJ0102D677	MCR03EZPJ100 100OHM 5% 1/10W
		R445	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R446	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R447	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R450	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R453	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R454	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R455	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R465	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/1
		R467	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/1
		R468	0RJ0221D677	MCR03EZPJ2R2 2.2OHM 5% 1/10
		R469	0RJ0221D677	MCR03EZPJ2R2 2.2OHM 5% 1/10
		R470	0RJ0471D677	MCR03EZPJ4R7 4.7OHM 5% 1/10
		R471	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R472	0RJ0221D677	MCR03EZPJ2R2 2.2OHM 5% 1/10
		R473	0RJ0221D677	MCR03EZPJ2R2 2.2OHM 5% 1/10
		R474	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R475	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R476	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R477	0RJ0331D677	MCR03EZPJ3R3 3.3OHM 5% 1/10
		R491	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R492	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/1
		R493	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R494	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R497	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R498	0RJ0331D677	MCR03EZPJ3R3 3.3OHM 5% 1/10
		R500	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R501	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R502	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R503	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/1
		R504	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W
		R505	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R506	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R507	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R508	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R509	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R510	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R511	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R512	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R513	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W
		R514	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R515	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R519	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R520	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R521	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R523	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R524	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R525	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R528	0RJ5601D677	MCR03EZPJ562 5.6KOHM 5% 1/1
		R529	0RJ1202D677	MCR03EZPJ123 12KOHM 5% 1/10
		R530	0RJ1502D677	MCR03EZPJ153 15KOHM 5% 1/10
		R531	0RJ5601D677	MCR03EZPJ562 5.6KOHM 5% 1/1
		R543	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R544	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R545	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R546	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R556	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10

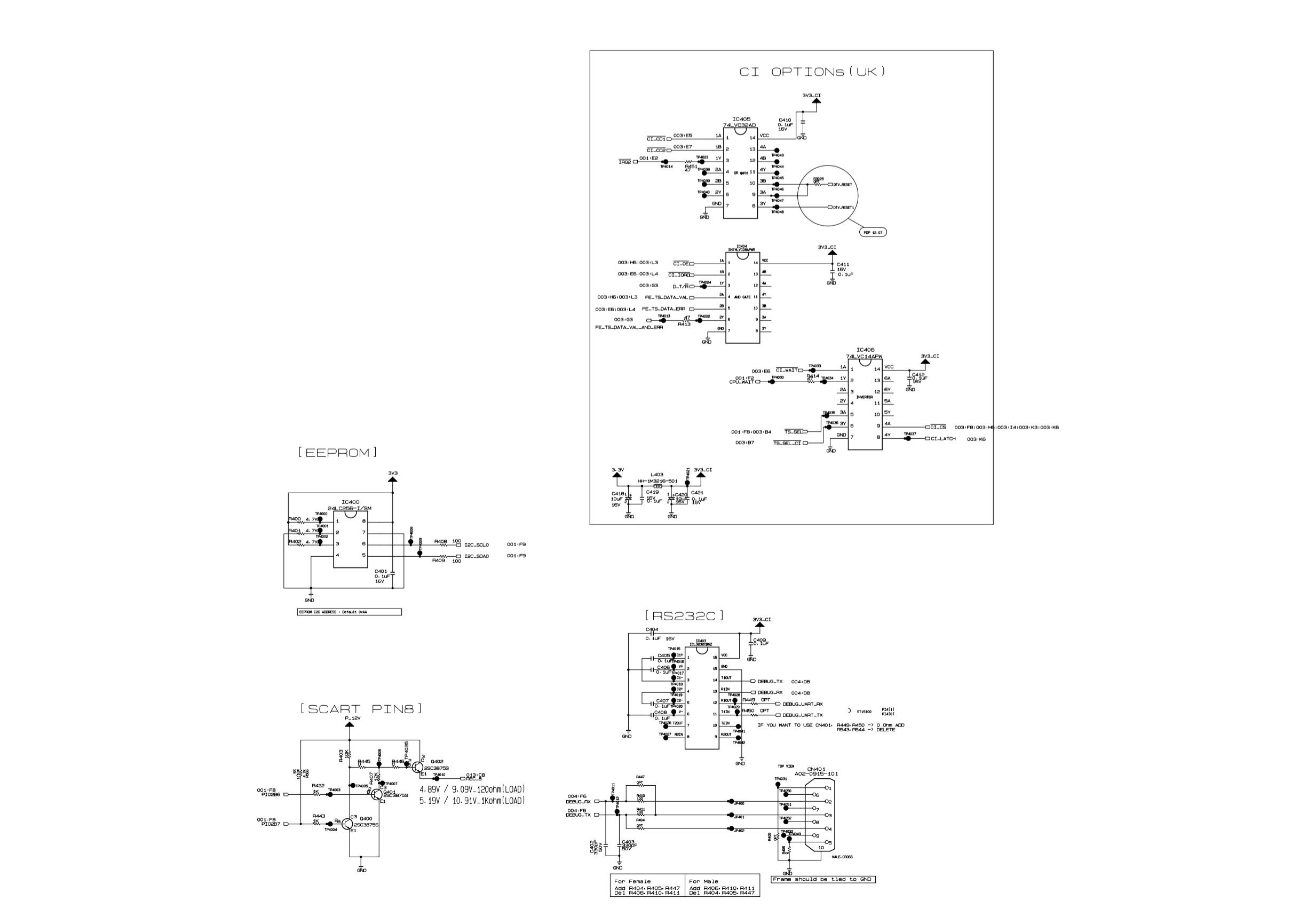
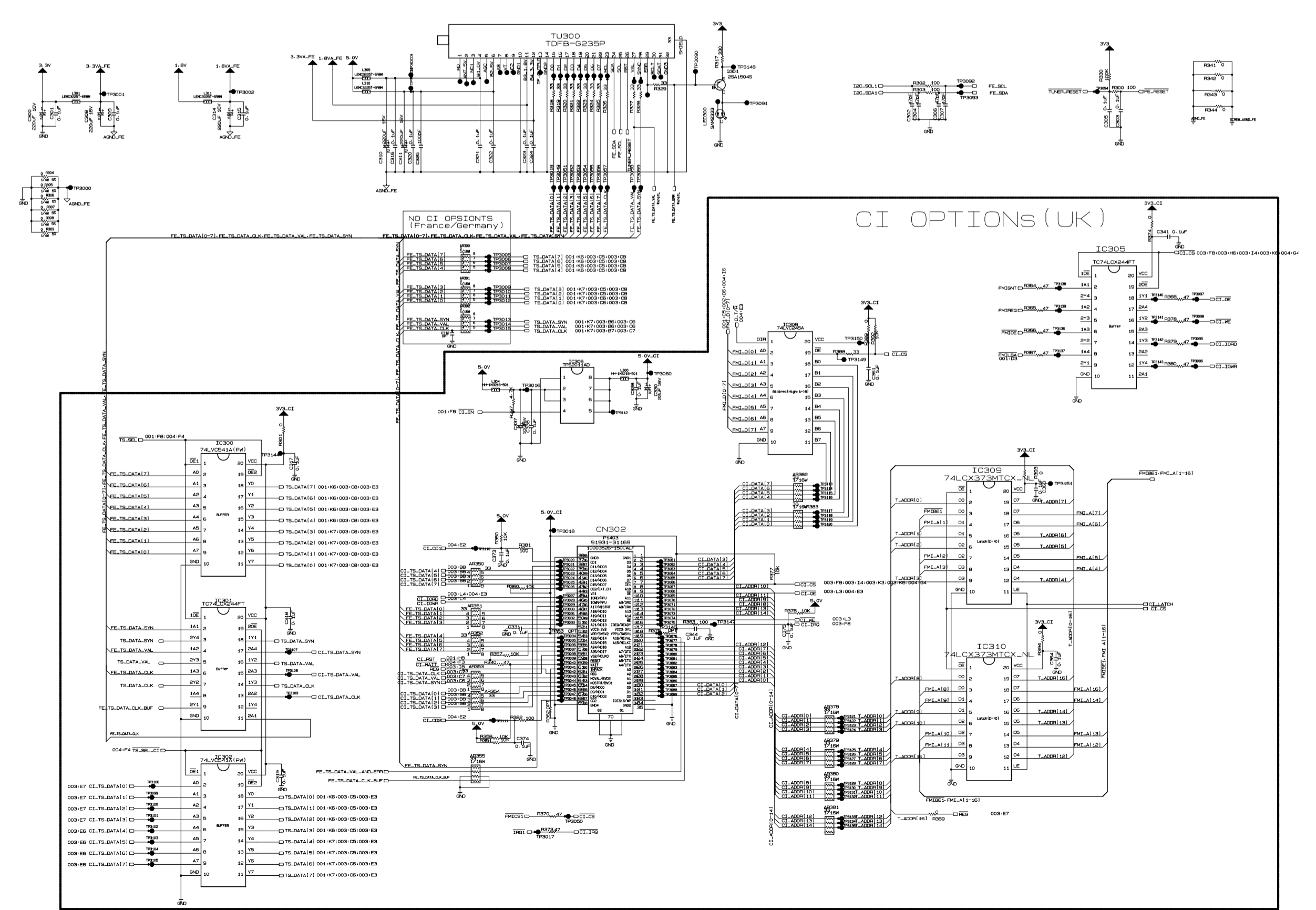
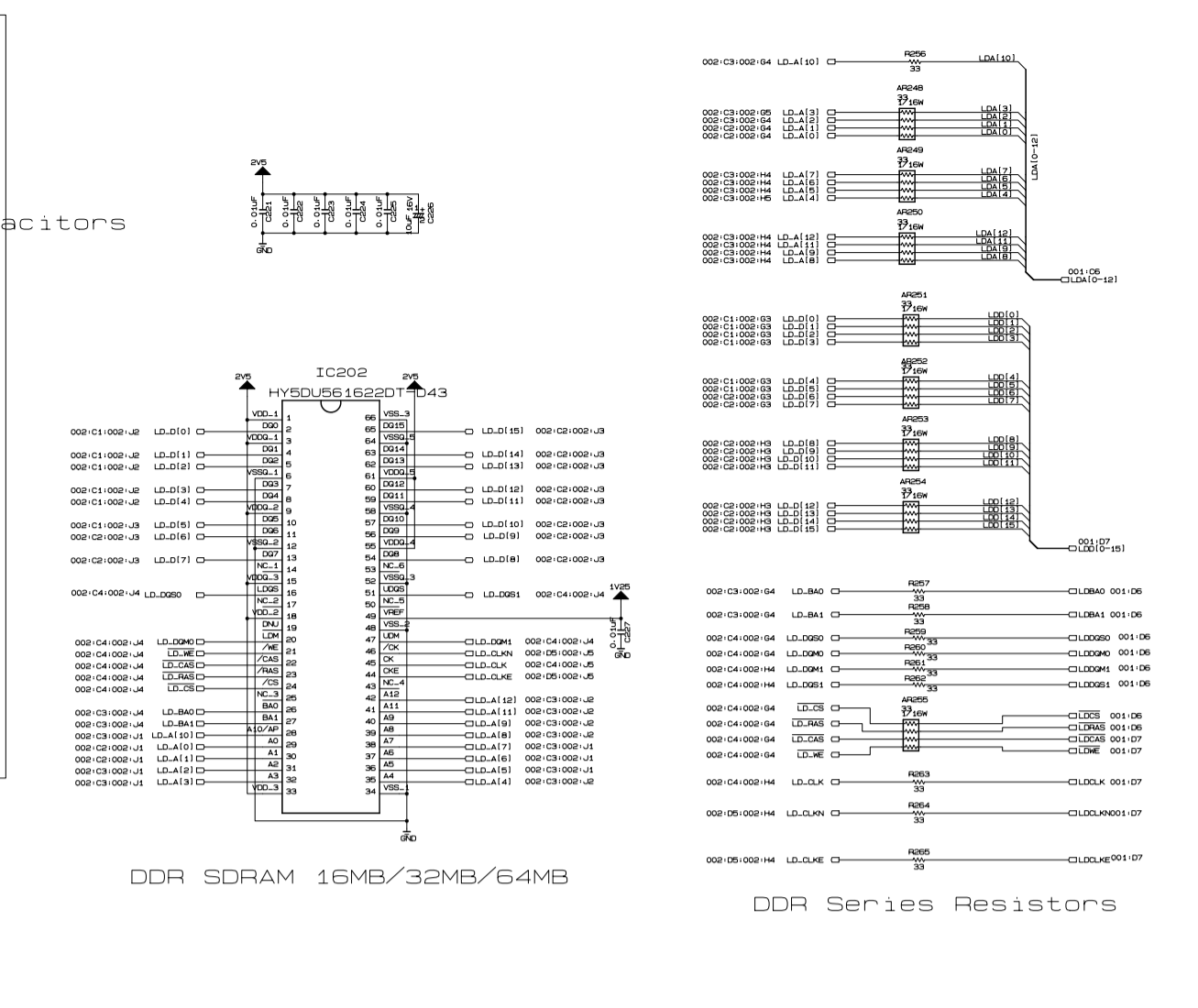
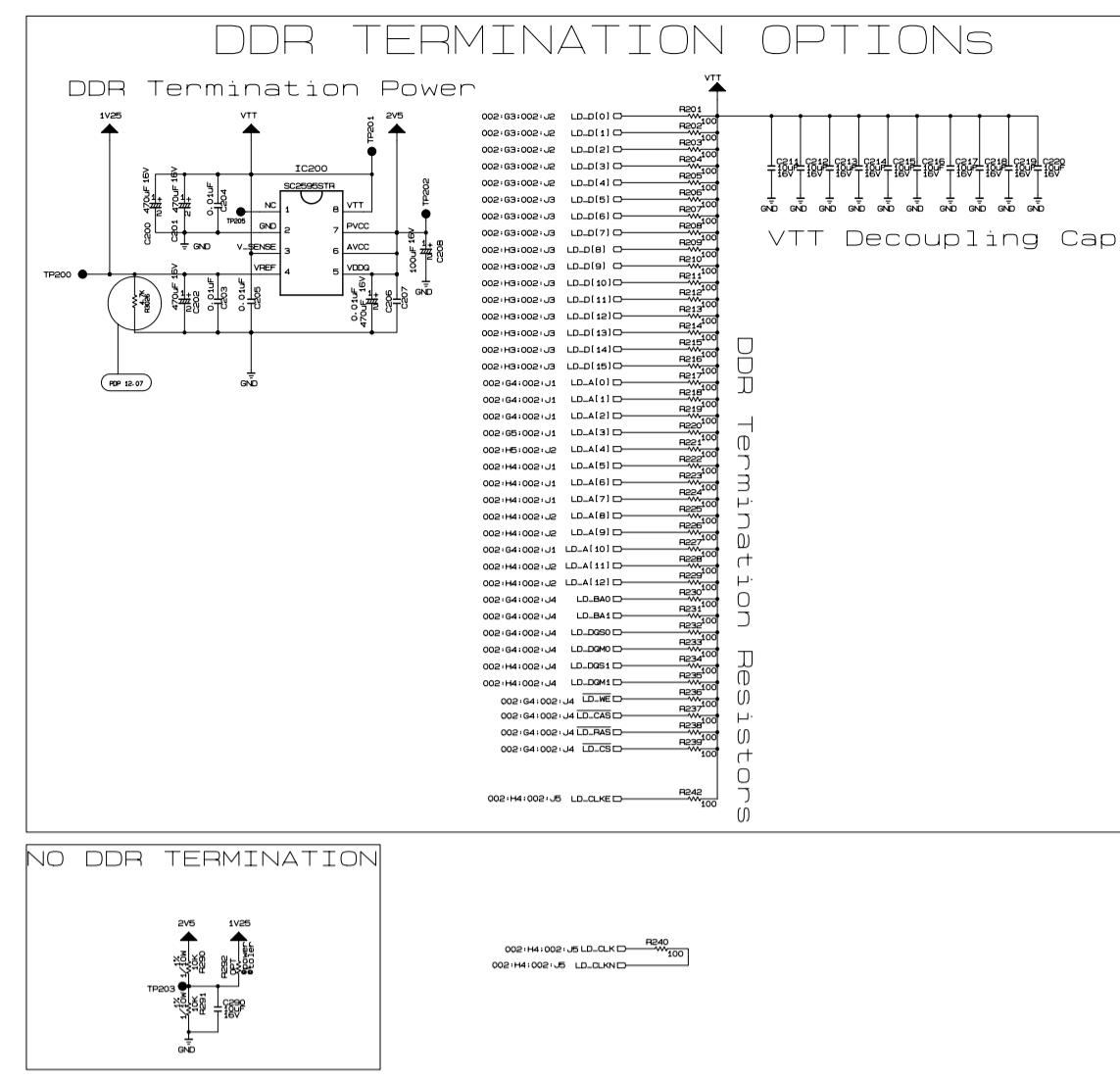
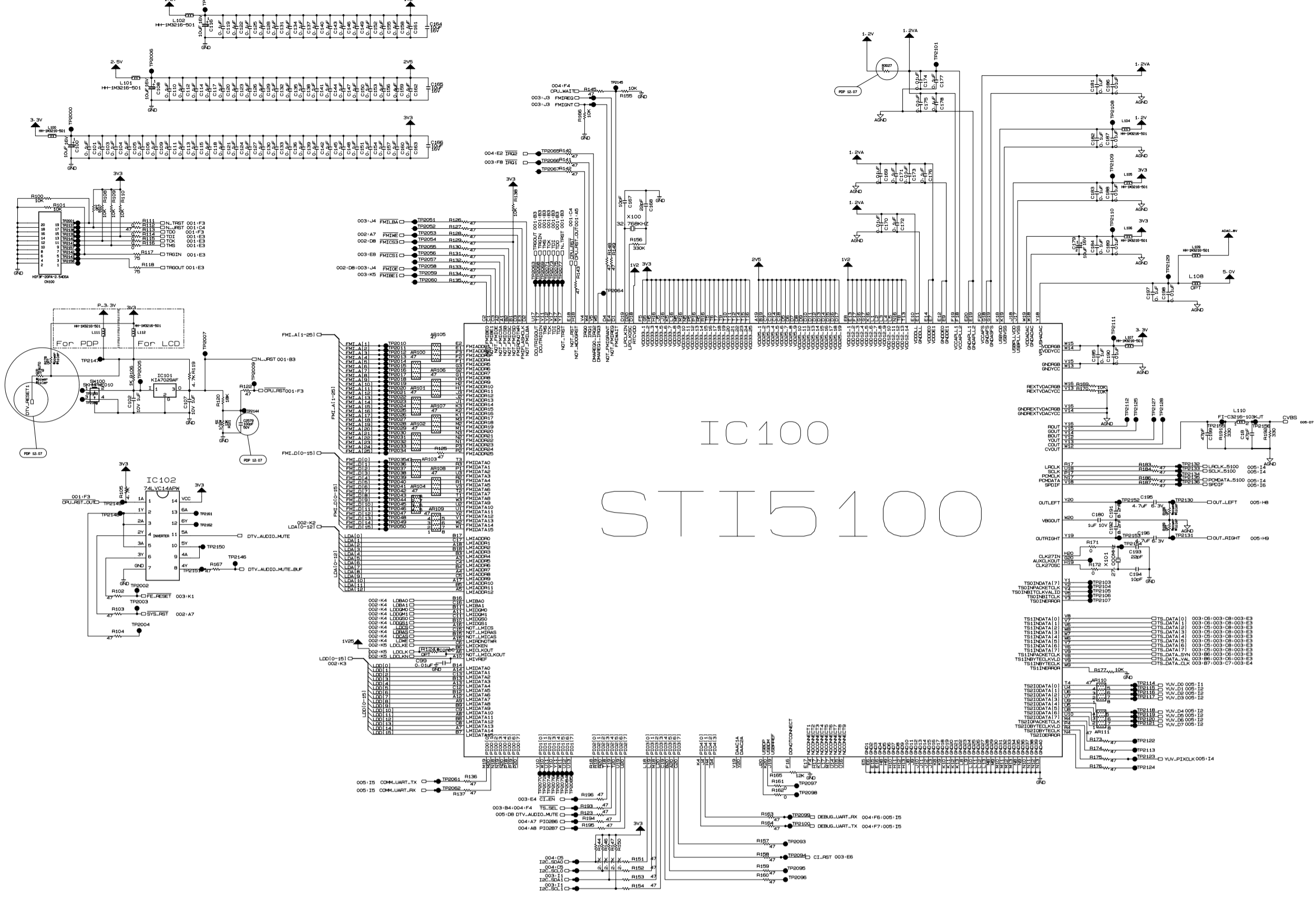
DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R564	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R565	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R596	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R597	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R601	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R85	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R86	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W
		R88	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R90	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W
		R91	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R97	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W
		R98	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W
		R1002	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1003	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1006	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1007	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1009	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1010	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1012	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1014	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1017	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R1019	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R103	0RJ0682D677	MCR03EZPJ680 68OHM 5% 1/10W
		R107	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/1
		R141	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W
		R1420	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W
		R1421	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W
		R1456	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W
		R1457	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R1458	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R1459	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R203	0RJ0000G676	MCR18EZHJ000_ 0OHM 5% 1/4W
		R204	0RJ0000G676	MCR18EZHJ000_ 0OHM 5% 1/4W
		R205	0RJ0000G676	MCR18EZHJ000_ 0OHM 5% 1/4W
		R206	0RJ0000G676	MCR18EZHJ000_ 0OHM 5% 1/4W
		R223	0RJ1800D677	MCR03EZPJ181 180OHM 5% 1/10
		R228	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R235	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R237	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R238	0RJ0000G676	MCR18EZHJ000_ 0OHM 5% 1/4W
		R239	0RJ0000G676	MCR18EZHJ000_ 0OHM 5% 1/4W
		R240	0RJ0000G676	MCR18EZHJ000_ 0OHM 5% 1/4W
		R241	0RJ0000G676	MCR18EZHJ000_ 0OHM 5% 1/4W
		R250	0RJ0000G676	MCR18EZHJ000_ 0OHM 5% 1/4W
		R300	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R301	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R302	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R303	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R305	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R307	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R311	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R312	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R333	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R339	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R340	0RJ1201D677	MCR03EZPJ122 1.2KOHM 5% 1/1
		R341	0RJ1201D677	MCR03EZPJ122 1.2KOHM 5% 1/1
		R342	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R343	0RJ1201D677	MCR03EZPJ122 1.2KOHM 5% 1/1
		R344	0RJ1201D677	MCR03EZPJ122 1.2KOHM 5% 1/1
		R345	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R346	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R347	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R348	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R349	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R350	0RJ1201D677	MCR03EZPJ122 1.2KOHM 5% 1/1
		R351	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R352	0RJ1201D677	MCR03EZPJ122 1.2KOHM 5% 1/1
		R353	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R361	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R362	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R363	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R364	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R365	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R367	0RJ3303D677	MCR03EZPJ334 330KOHM 5% 1/1

DATE: 2006. 05. 18.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R401	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R402	0RJ2702D677	MCR03EZPJ273 27KOHM 5% 1/10
		R410	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R411	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R415	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R416	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R419	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R420	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R425	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R427	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R428	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R430	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R431	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R434	0RJ3301D677	MCR03EZPJ332 3.3KOHM 5% 1/1
		R437	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R438	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R439	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R441	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R442	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10
		R444	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R448	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R449	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R451	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10
		R456	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R457	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R478	0RJ0221D677	MCR03EZPJ2R2 2.2OHM 5% 1/10
		R479	0RJ0221D677	MCR03EZPJ2R2 2.2OHM 5% 1/10
		R482	0RJ0221D677	MCR03EZPJ2R2 2.2OHM 5% 1/10
		R483	0RJ0221D677	MCR03EZPJ2R2 2.2OHM 5% 1/10
		R490	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10
		R495	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/1
		R496	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/1
		R516	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R517	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R518	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R526	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R527	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/1
		R553	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R557	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R559	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R562	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R570	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R578	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R580	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R590	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R592	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W
		R593	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R594	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R598	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/1
		R599	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/1
		R81	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W
		R84	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W
		R87	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W
		R89	0RJ1001D477	MCR03EZPF102 1KOHM 1% 1/10W
<b>OTHERS</b>				
		X402	6202VDT002H	SX-1 18.432MHZ 30PPM 18.432
		X300	166-E02F	CSBLA500KECF09-B0 500KHZ 2
		TU201	6700MF0012C	TAFM-W103P NTSC M/N_PAL B/G
<b>CONTROL BOARD</b>				
		R101	0RD9101Q609	RDM94T1J9K10 9.1KOHM 5% 1/4
		R102	0RD3301Q609	RDM94T1J3K30 3.3KOHM 5% 1/4
		R103	0RD1101Q609	RDM94T1J1K10 1.1KOHM 5% 1/4
		R104	0RD1100Q609	RDM94T1J110R 110OHM 5% 1/4W
		R105	0RD9101Q609	RDM94T1J9K10 9.1KOHM 5% 1/4
		R106	0RD3301Q609	RDM94T1J3K30 3.3KOHM 5% 1/4
		R107	0RD1101Q609	RDM94T1J1K10 1.1KOHM 5% 1/4
		R108	0RD1100Q609	RDM94T1J110R 110OHM 5% 1/4W
		SW101	140-313A	THVV501BBC 1C1P 12VDC 0.05A
		SW102	140-313A	THVV501BBC 1C1P 12VDC 0.05A
		SW103	140-313A	THVV501BBC 1C1P 12VDC 0.05A

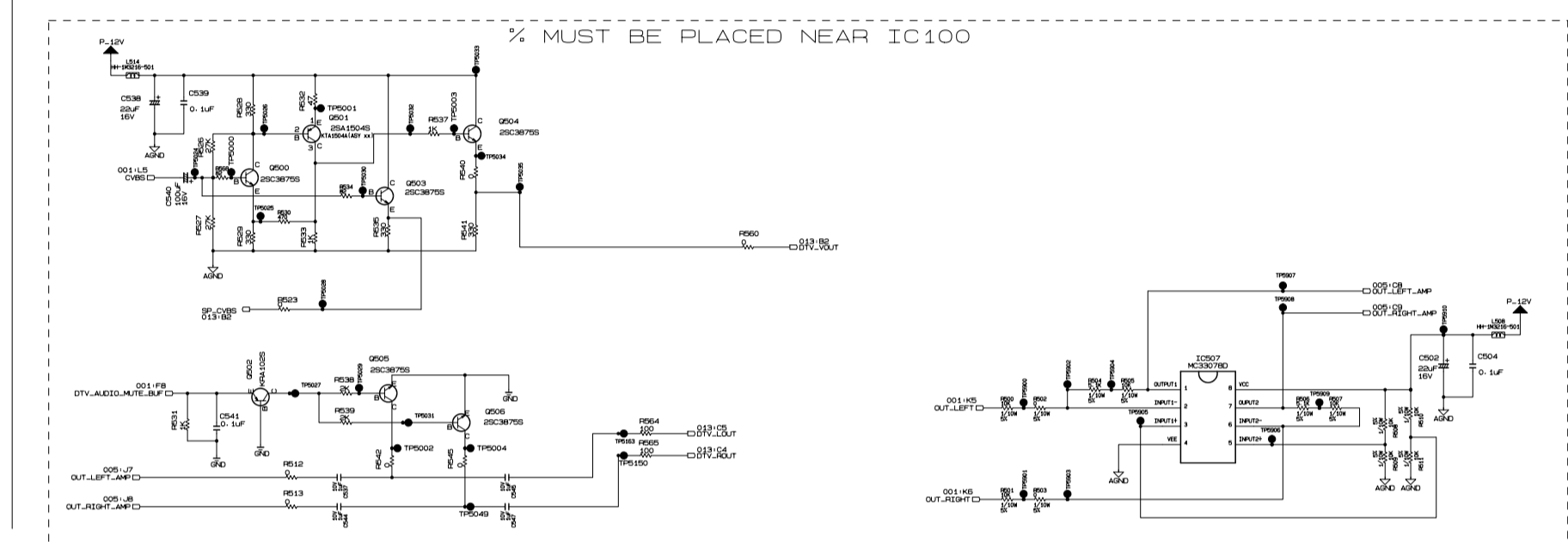
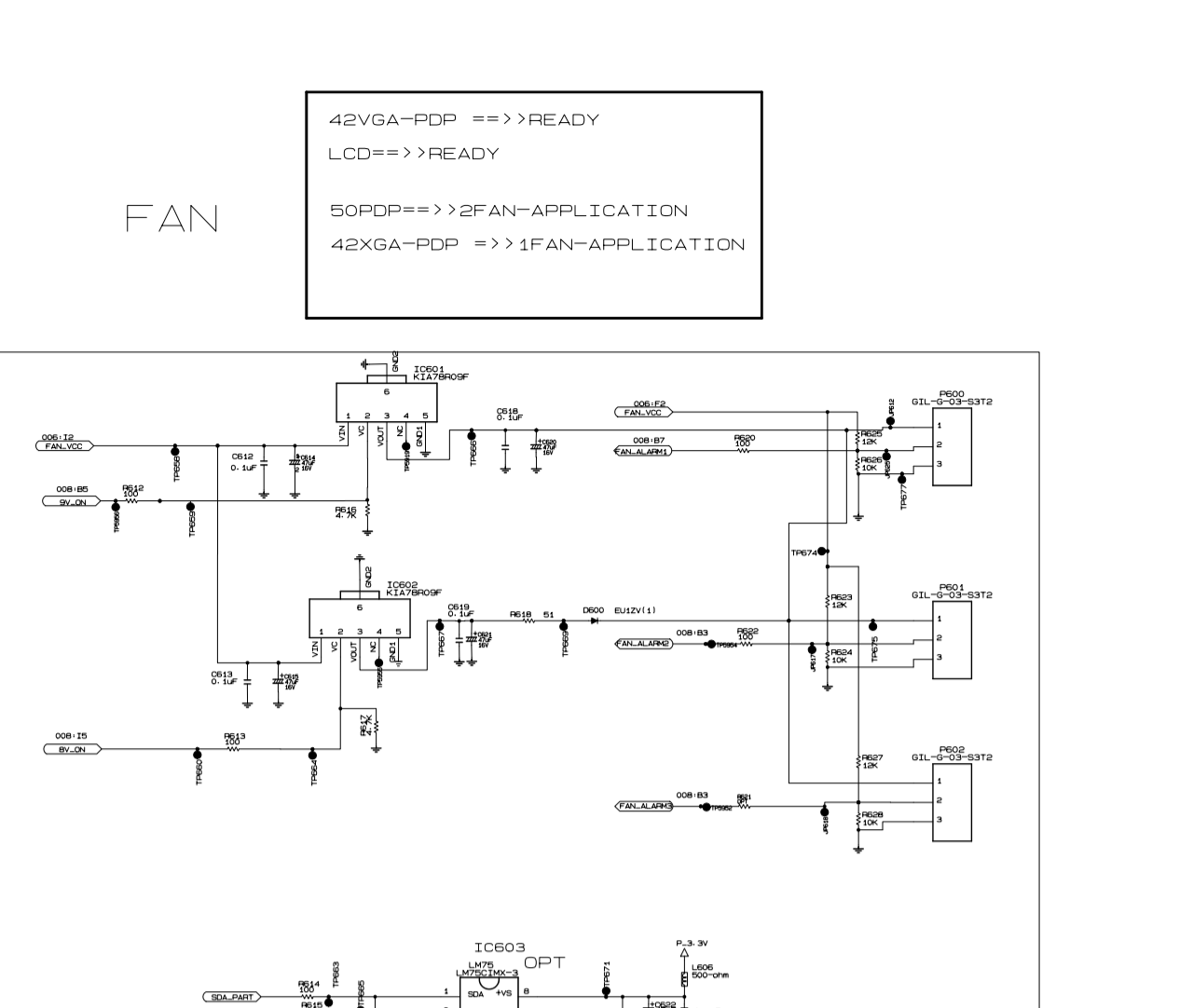
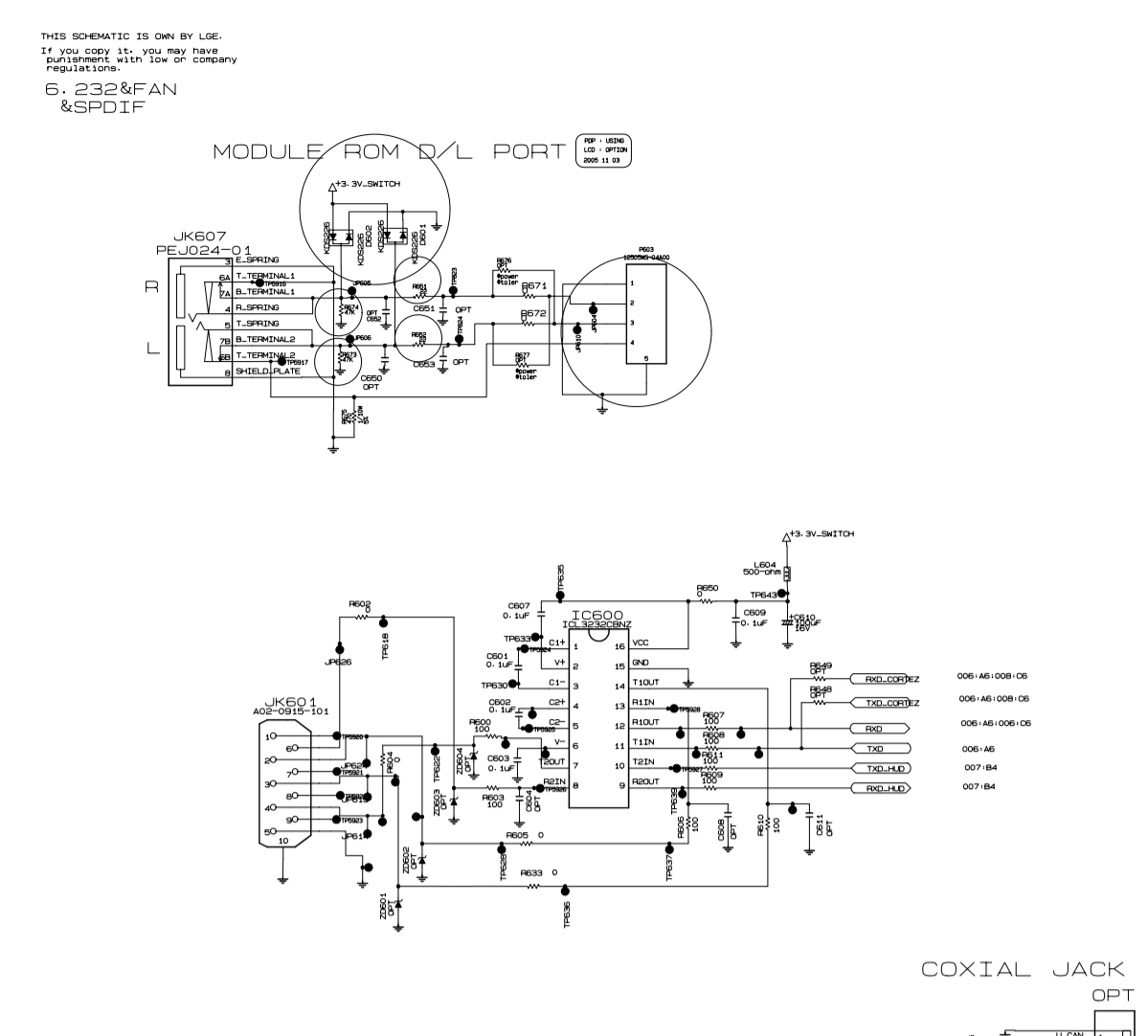
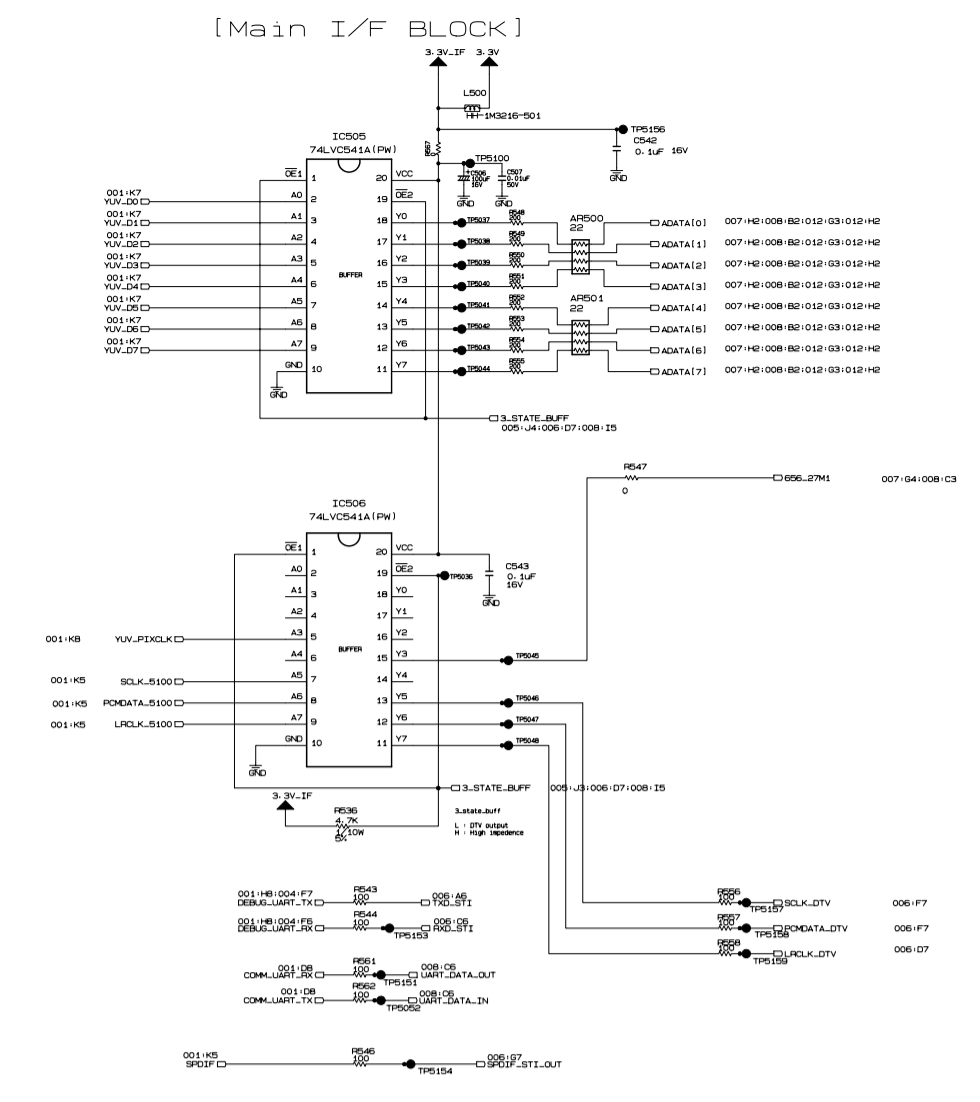
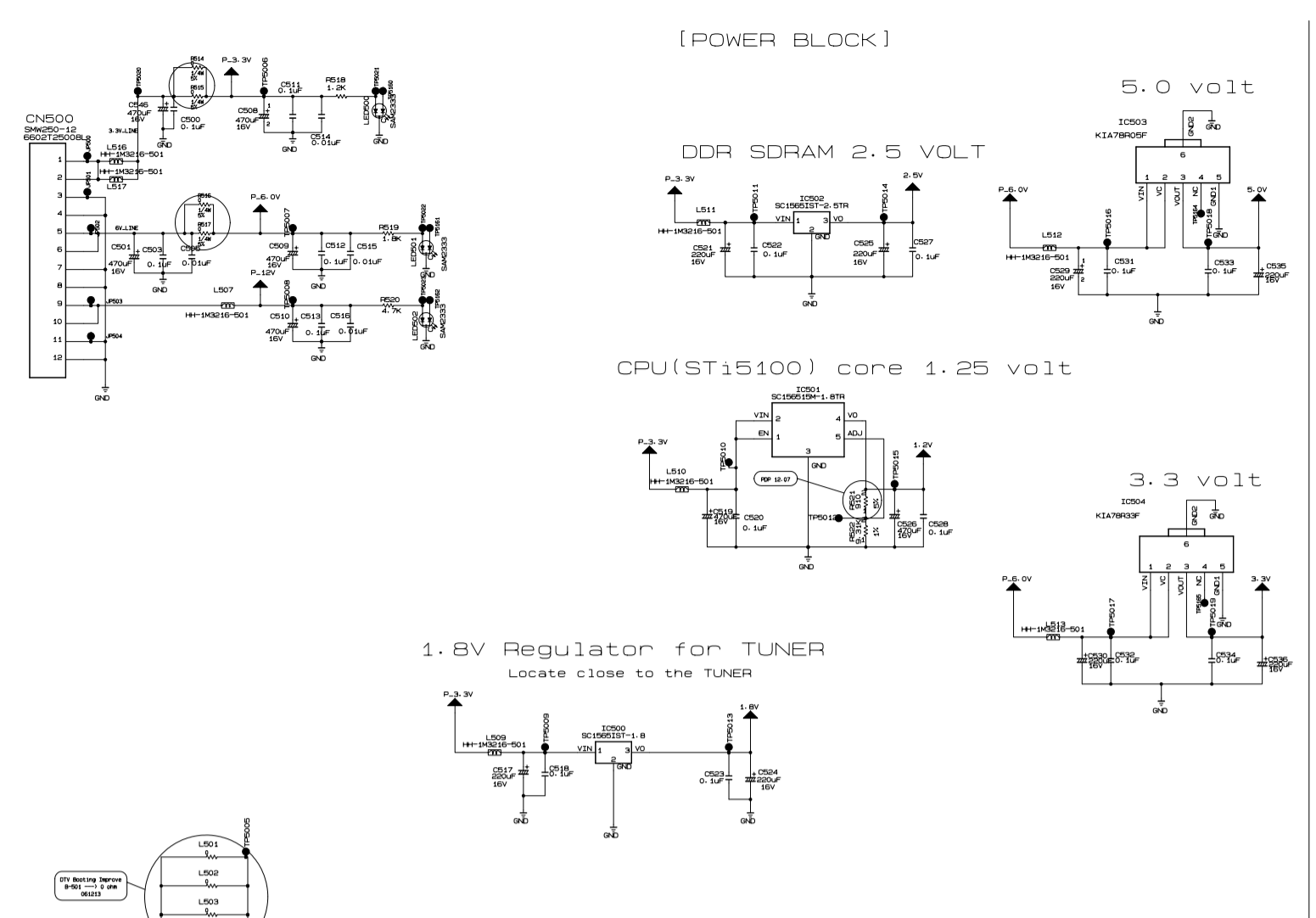




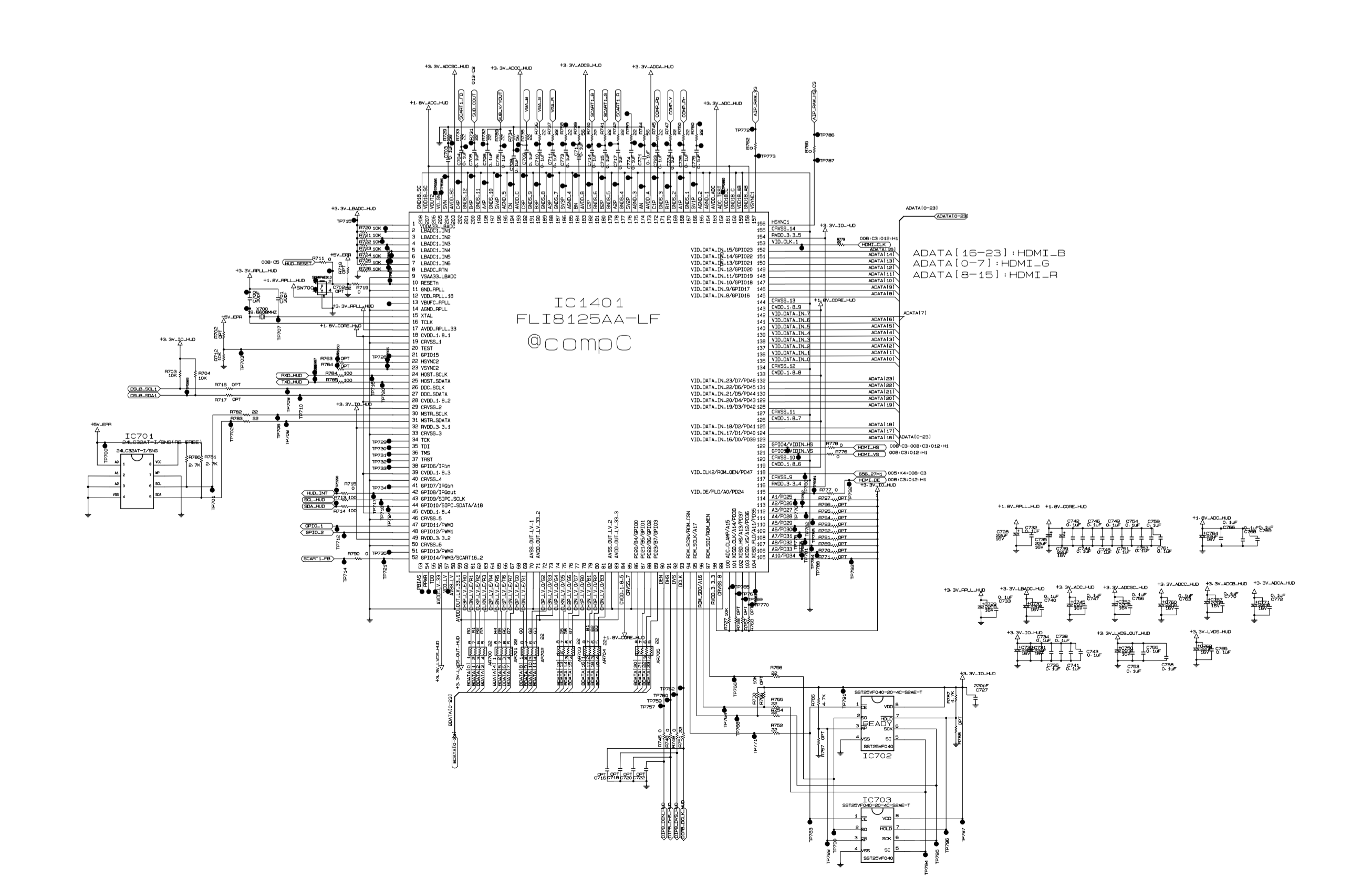
SI15100 Decoupling Capacitors



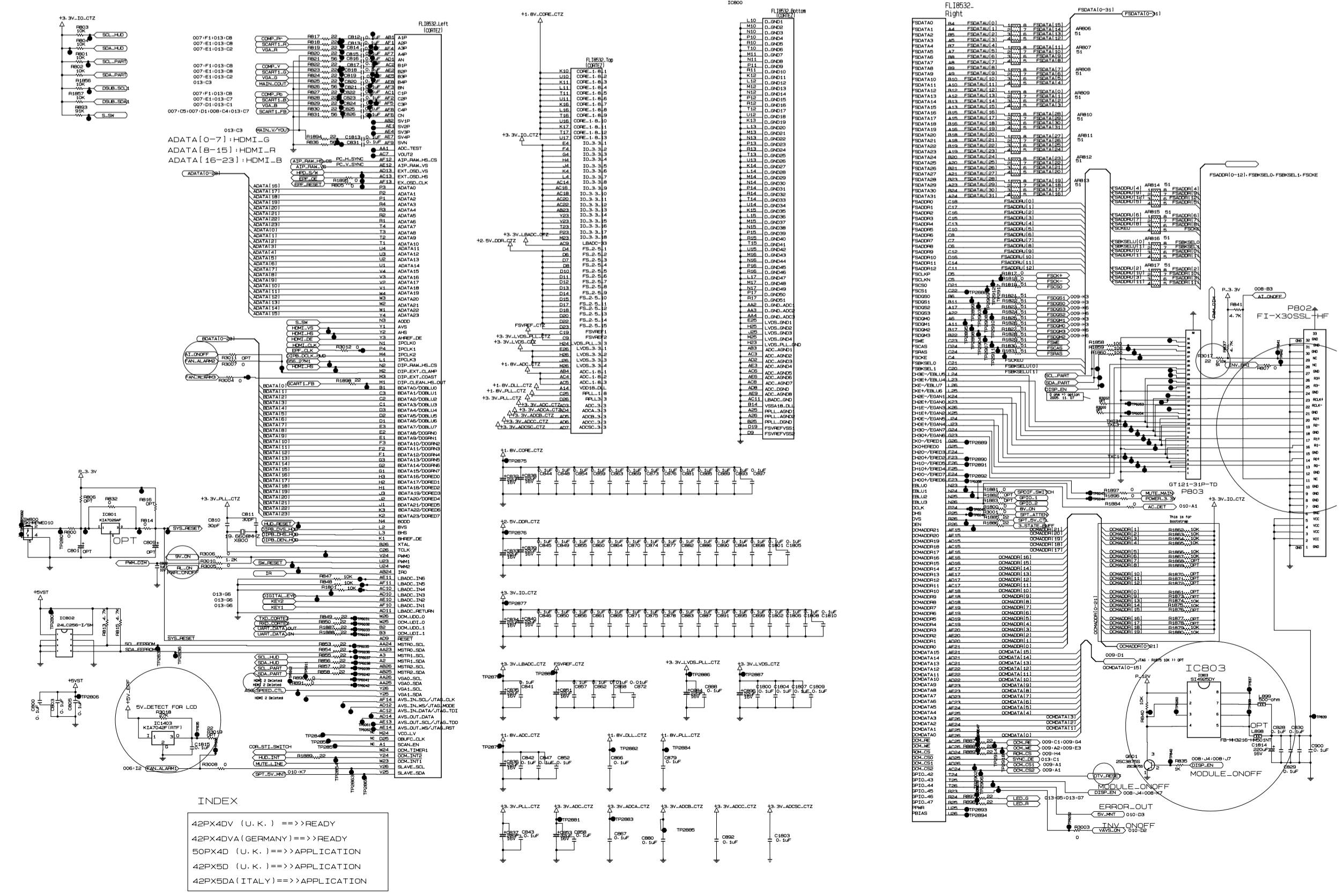




THIS SCHEMATIC IS OWN BY LGE.  
IF YOU COPY IT, YOU MAY HAVE  
LEGAL PROSECUTION BY LGE OF GERMANY.

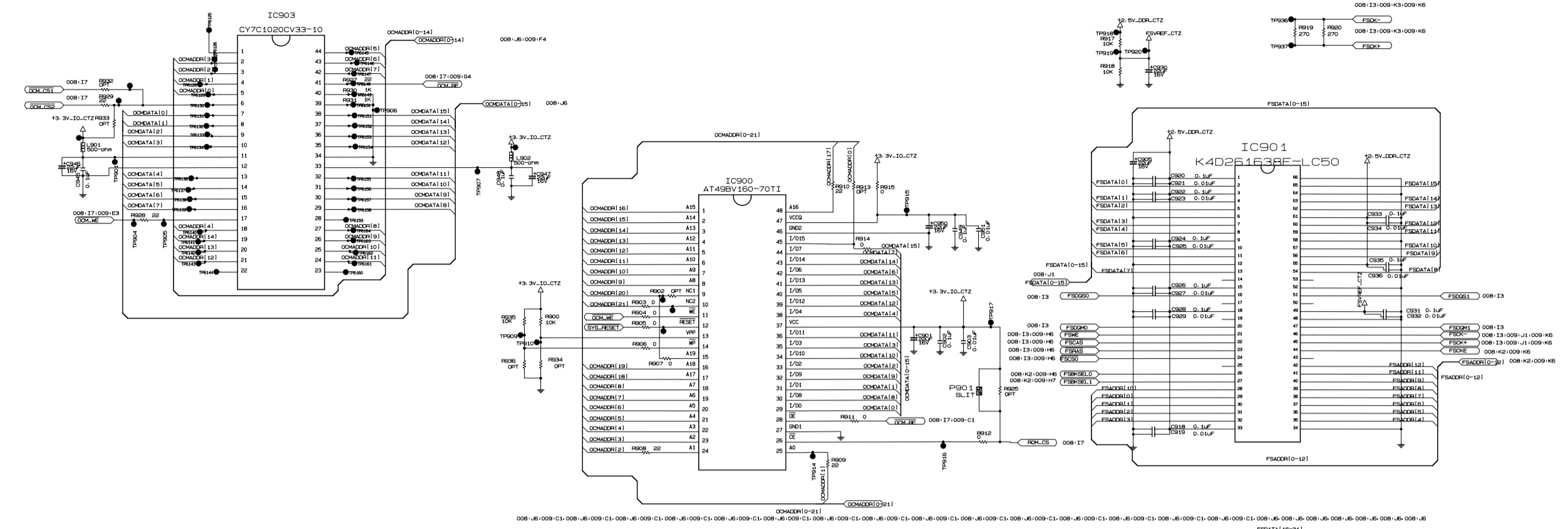


THIS SCHEMATIC IS OWN BY LGE.  
IF YOU COPY IT, YOU MAY HAVE  
LEGAL PROSECUTION BY LGE OF GERMANY.



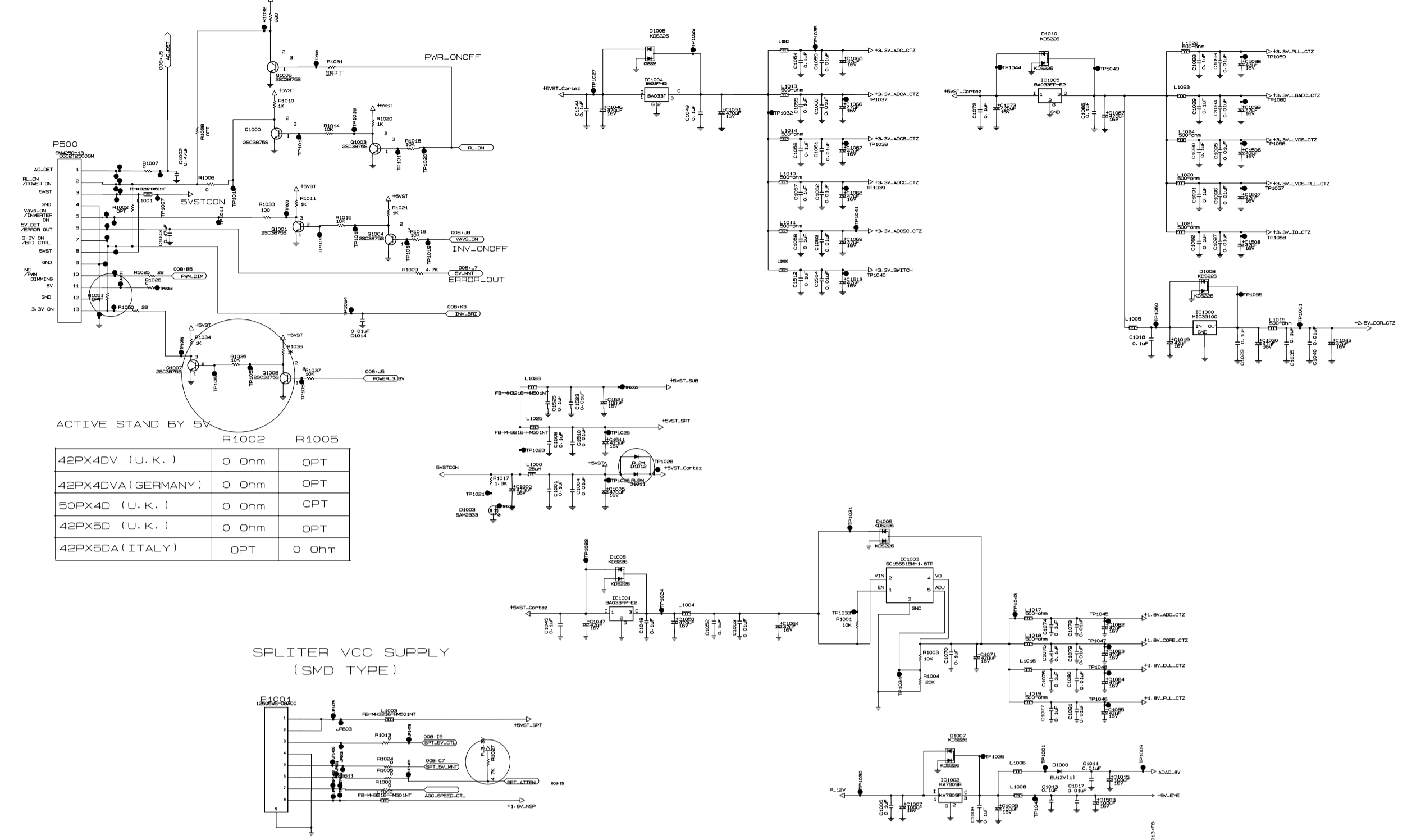
THIS SCHEMATIC IS OWN BY LGE.  
If you copy it, you may have  
legal problems with LG or company  
regulations.

### 9. DDR MEMORY

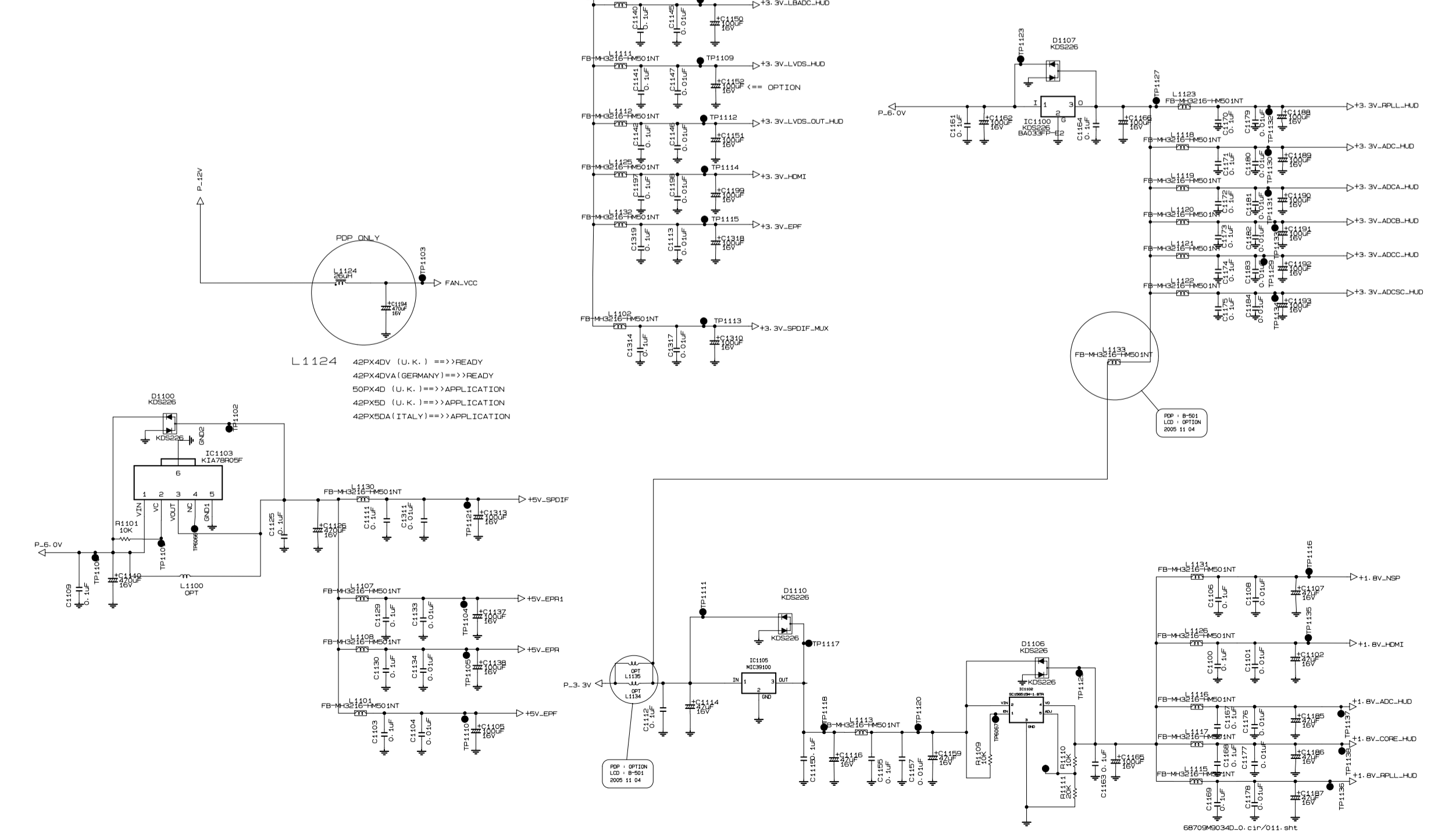


	JTAG	NORMAL
R913	OPT	0
R914	0	OPT
R915	10K	OPT
R916	OPT	10K
R921	OPT	22
R923	22	OPT

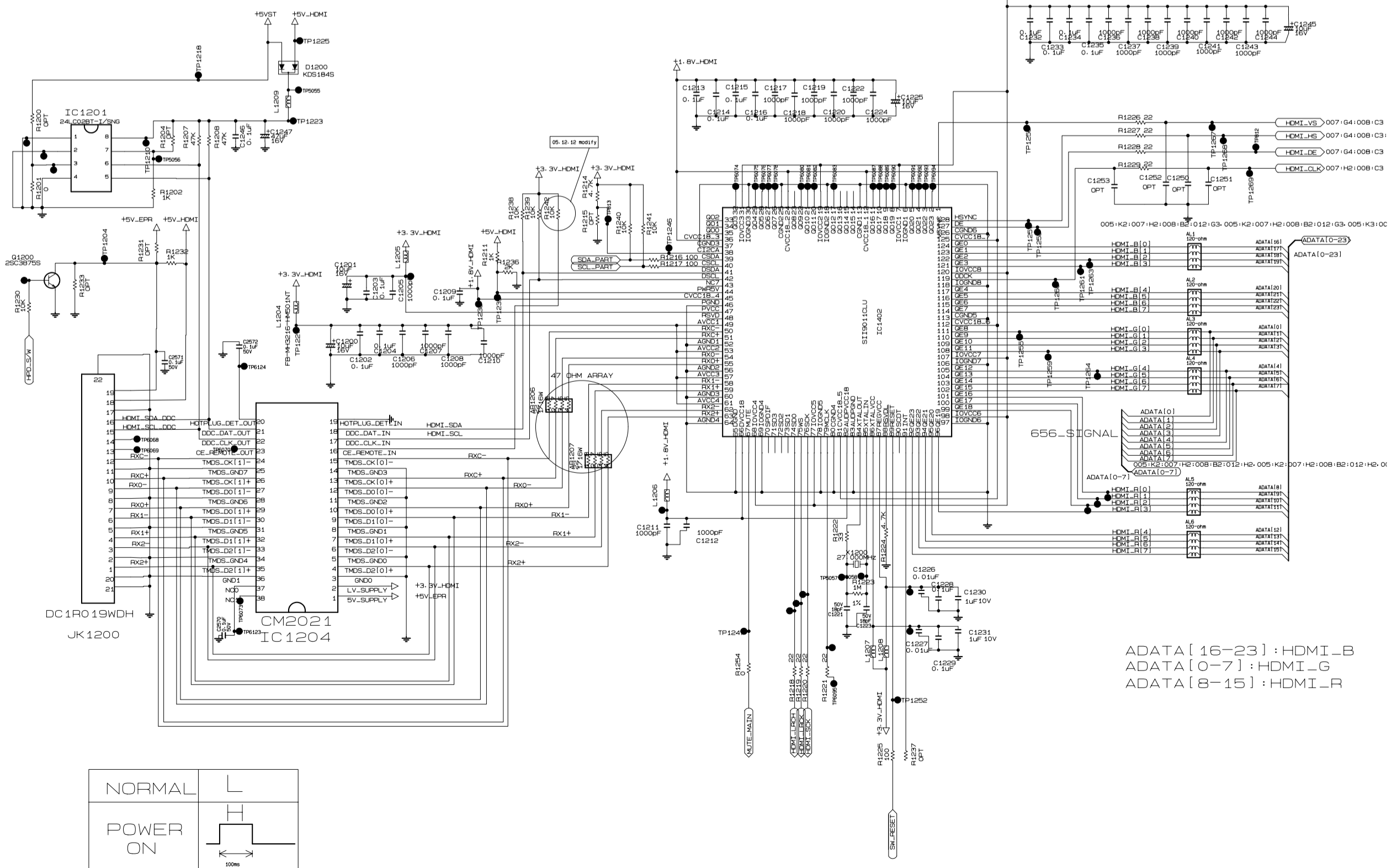
### 10. POWER



### 11. POWER

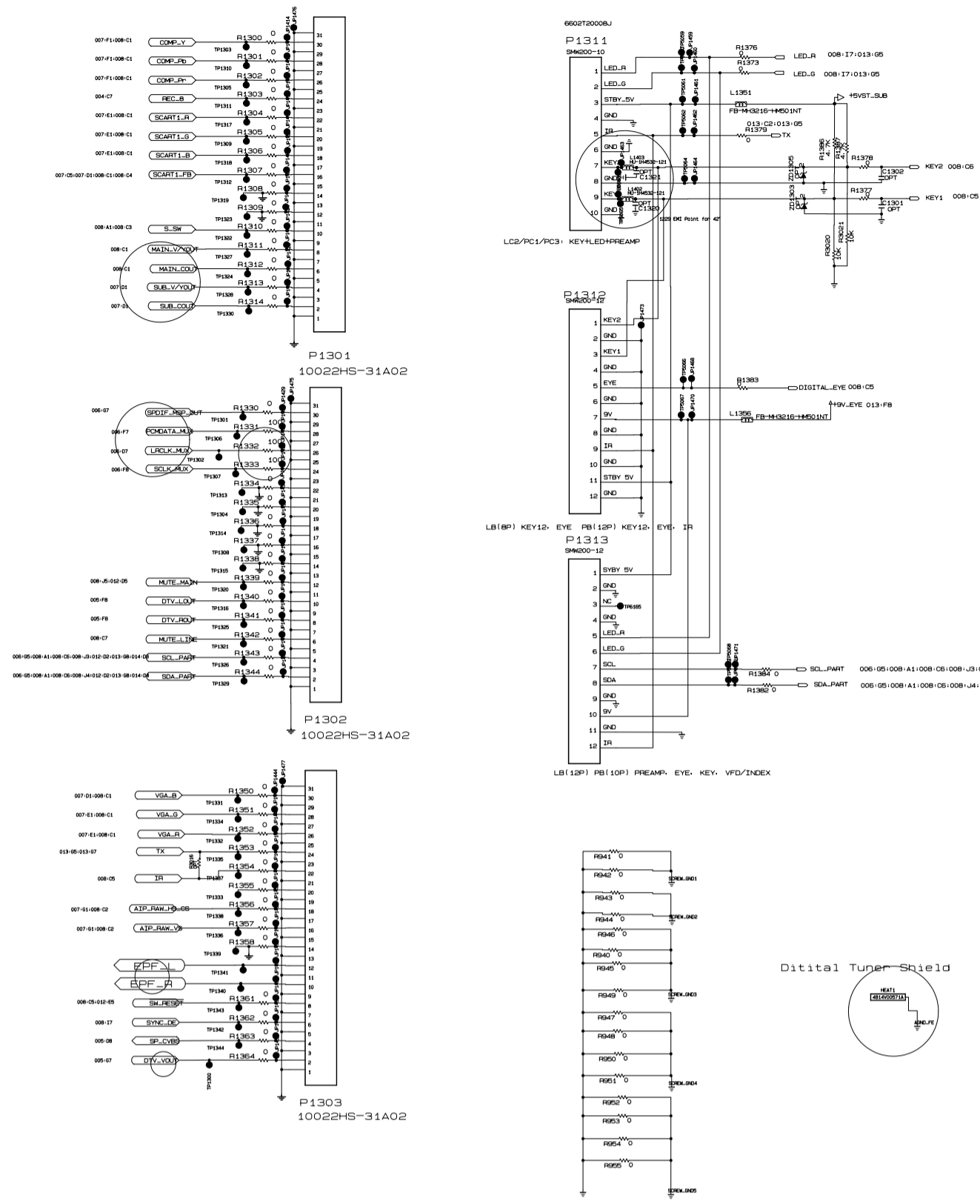


### 12. HDMI Rx



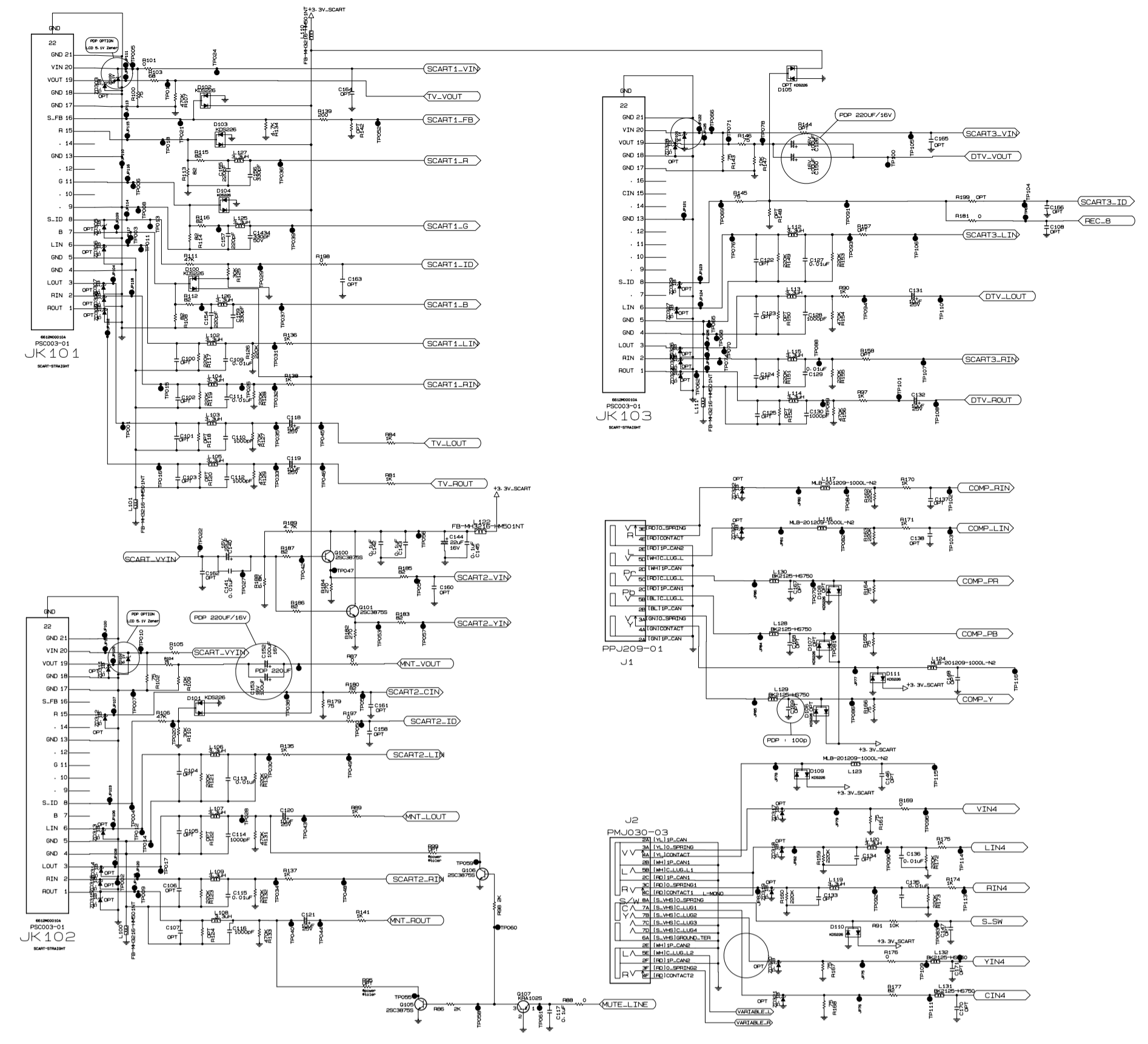
THIS SCHEMATIC IS OWN BY LAW.  
If you copy it, you may have  
penalties in the line of copyright  
regulations.

13-31p con  
RX

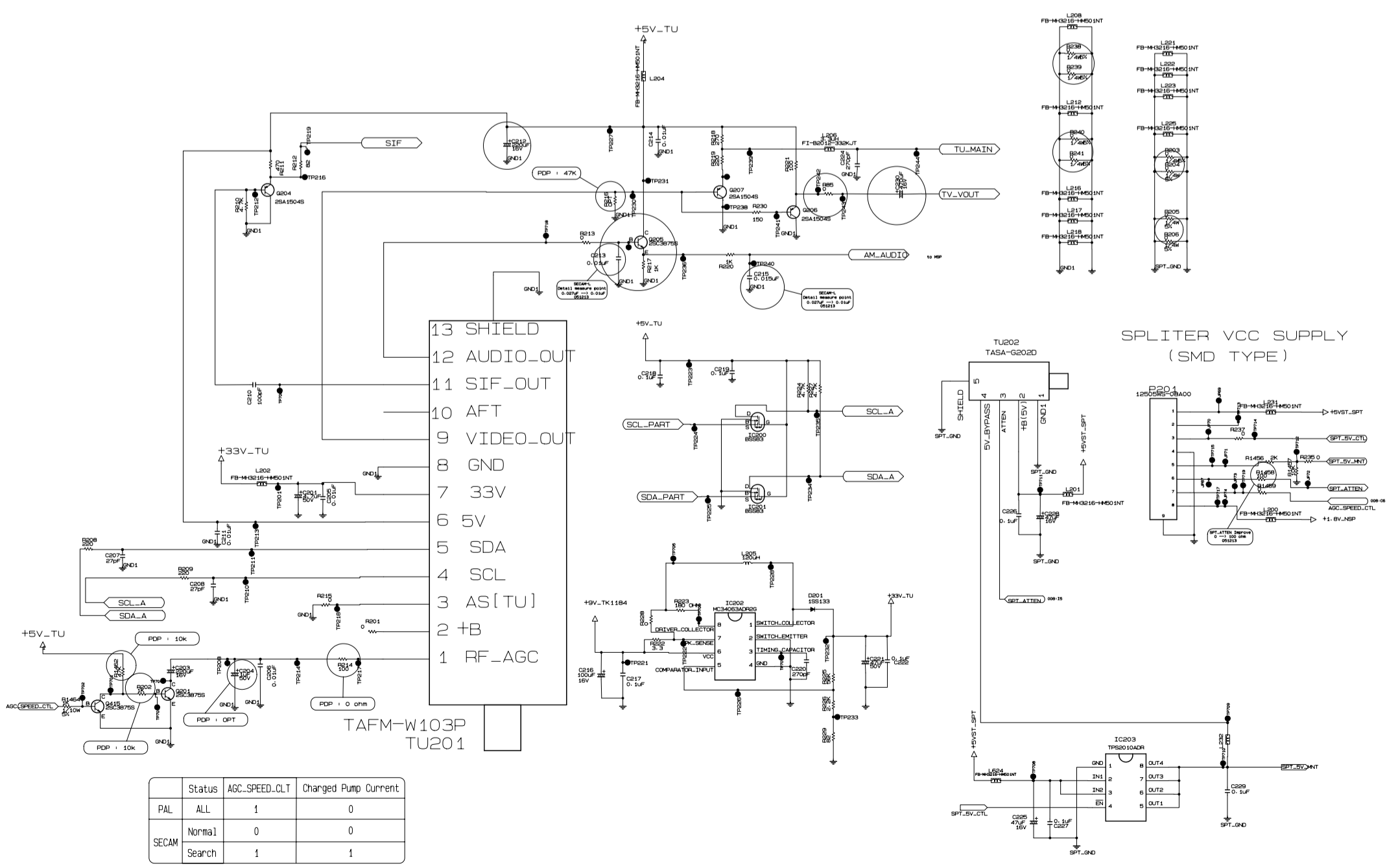


OPTION  
LC2/PC1/PC3 : P1311(10P)  
LB : P1312(8P), P1313(12P)  
PB : P1312(12P), P1313(10P)

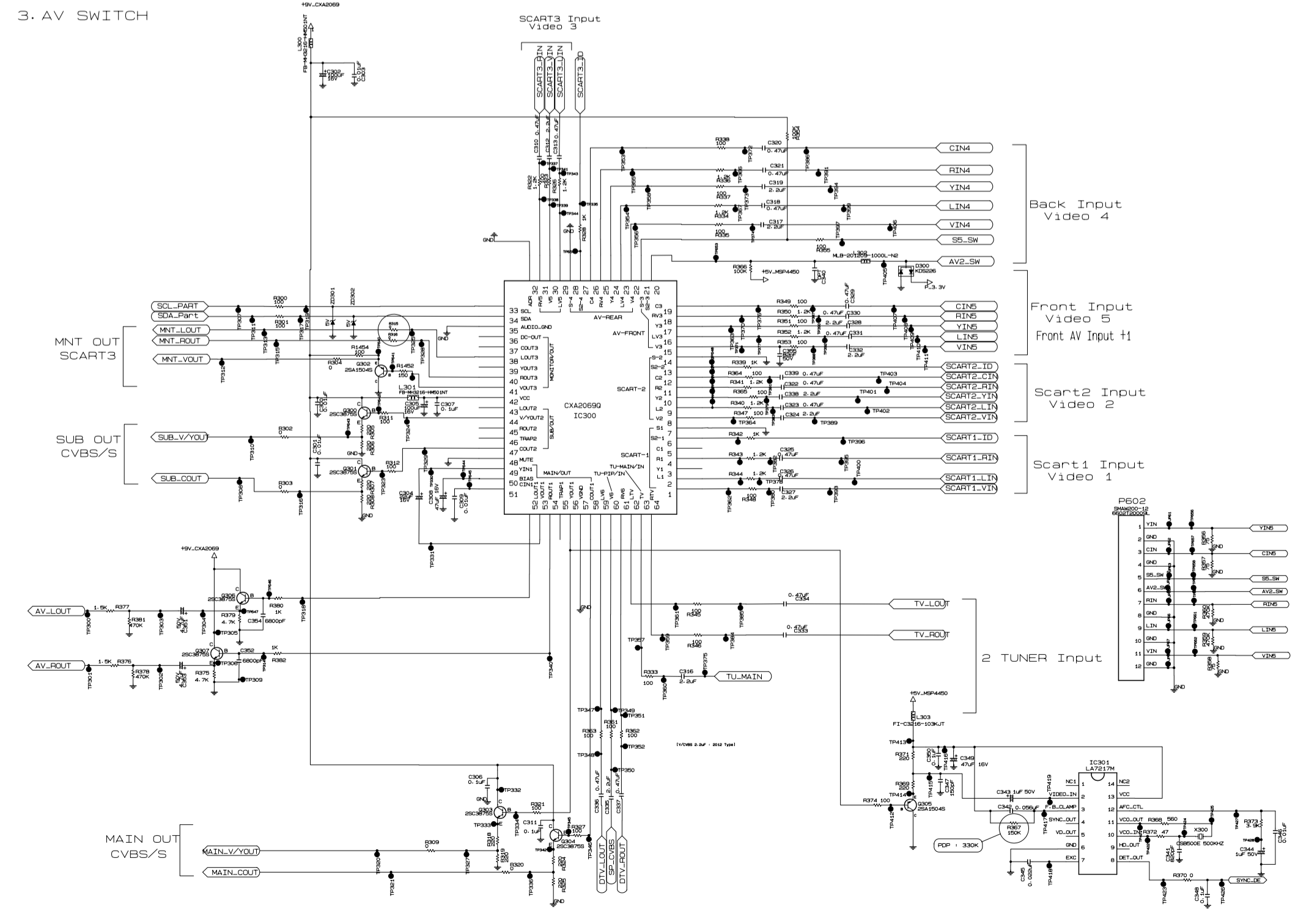
1. SCART & AV JACK



2. TUNER



3. AV SWITCH







P/NO : 38289S0043

May., 2006  
Printed in Korea