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LCD TV **SERVICE MANUAL**

CHASSIS : ML-041A

MODEL RZ-26LZ55

CAUTION

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



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SAFETY PRECAUTIONS

IMPORTANT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These parts are identified by  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.

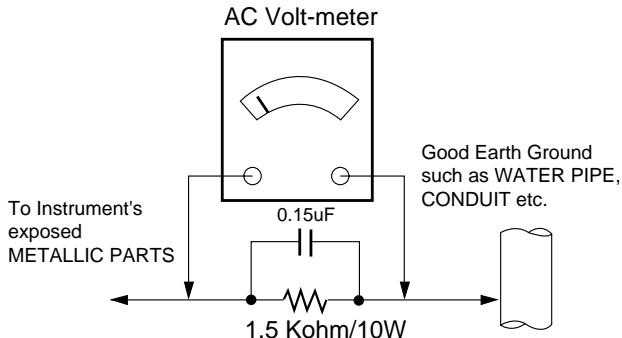
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.

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 of 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 small 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. Application range

This specification is applied to ML-041A chassis.

2. Requirement for Test

Testing for standard of each part must be followed in below condition.

- (1) Temperature: 25°C ± 2°C
- (2) Humidity: 65% ± 10%
- (3) Power: Standard input voltage (AC 100-240V, 50/60Hz)
- (4) Measurement must be performed after heat-run more than 30min.
- (5) Adjusting standard for this chassis is followed a special standard.

3. 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' 5) NTSC M 6) PAL-N/M 7) NTSC M	(RZ/RT) EU/Non-EU (PAL Market) 6),7) South America Market 7) Except South America NTSC Market (RM)
3.	RF Input Channel	VHF : E2 ~ E12 UHF : E21 ~ E69 CATV : S1 ~ S20 HYPER : S21~ S41 L/L' : B, C, D	PAL 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 ~ 240 V/50Hz, 60Hz	
5.	Market	Worldwide	
6.	Picture Size	660.40 mm	26 inch
7.	Tuning System	FVS 100 program FS	PAL,200 PR.(Option) NTSC
8.	Operating Environment	1) Temp : 0 ~ 40 deg 2) Humidity : 85 %	
9.	Storage Environment	3) Temp : -20 ~ 60 deg 4) Humidity : 85 %	
10.	Display	LCD Module	LPL, AUO

4. General Specification

NO	Item	Specification			Unit	Remark
1	Panel	26" TFT WXGA LCD				
2	Frequency range	H : 31 ~ 61Khz V : 56 ~ 75Hz				DVI-I input
3	Control Function	1) Contrast/Brightness 2) H-Position / V-Position 3) Tracking : Clock / Phase 4) Auto Configure 5) Reset				
4	Comoponent Jack	1 : Y 3 : Pb 5 : Pr 7 : Line1 Ready 9 : LINE2 11: LINE3 13: Line3 Ready				Middle east / NTSC Area
	D4 Jack (525i,525p,750p,1125i)	2 : Y GND 4 : Pb GND 6 : Pr GND 8 : LINE1 10:Line2 Ready 12:SWITCH GND 14: SWITCH				JAPAN Only
7		H/V-Sync	Video	Power consumption		LED
	Power ON	ON/ON	Active	≤ max 170W	W	Green
	Stand by	OFF/ON	OFF	≤ 3.0W	W	Red
	DPMS Mode	ON/OFF	OFF	≤ typ. 25W	W	Green
	Power off	-	-	-	W	*
8	LCD Module	Type Size	LPL	622 x 389 x 53	mm	(H) x (V) x (D)
			AUO	620.8 x 389 x 37		
		Pixel Pitch	LPL	0.1475 x 0.4425 x RGB	mm	
			AUO	0.1475 x 0.4425 x RGB		
		Pixel Format	1280 horiz. By 768 vert. Pixels RGB strip arrangement			
		Coating	Hard coating(3H), Anti-glare treatment of the front polarizer,			
		Back Light	LPL	CCFL		
			AUO	CCFL		

5. Optical Feature(LCD Module)

No	Item	Specification					Remark
1	Viewing Angle <CR≥10>	R/L, U/D	176,176	TBD			
2	Luminance	Luminance (cd/m2)	450	600			Typical
		Variation	1.3				MAX / MIN
3	Contrast Ratio			500	600		All white / All black
4	CIE Color Coordinates	White	Xw	Typ.	0.284	0.285	0.289
			Yw	Typ.	0.285	0.293	0.303
		RED	Xr	Typ.	TBD		
			Yr	Typ.	TBD		
		Green	Xg	Typ.	TBD		
			Yg	Typ.	TBD		
		Blue	Xb	Typ.	TBD		
			Yb	Typ.	TBD		

6. Feature and Function

No	Item	Specification	Remark
1.	Teletext	TOP, FLOF	Top(option)
2.	REMOCON	NEC Code	PAL/ NTSC
3.	AV Input	1	Rear(RT/RM)
4.	S-AV Input	1	Side
5.	Component input	2	Side, Rear (RT/RM),
6.	PERI TV Connector	Half SCART : 1	Rear (RZ)
7.	PERI TV Connector	Full SCART : 1	Rear (RZ)
8.	RGB Input	1	DVI
9.	RS-232	1	D-sub 9 pin (RM)
10.	Discrete IR	1	(RM)
11.	D-Sub Audio Input	1	Stereo
12.	2 Carrier Stereo	BG, DK	
13.	NICAM Stereo	BG, I, LL'	
14.	2 Carrier Dual	BG, DK	
15.	NICAM Dual	BG, I, LL'	
16.	DW(Double Window) Mode	X	
17.	MW(Multi Window) Mode	X	
18.	Film Mode	0	
19.	Noise Reduction	X	
20.	Progressive Scan	0	
21.	Motion Detection	0	
22.	SRS WOW	X	
23.	Swivel Speaker	X	
24.	Ez-pip	X	
25.	Local key	Pr+/-, vol+/-, ok, menu, tv/av, power	

7. Component Video Input(Y, Pb, Pr)

No	Specification				Proposed
	Resolution	H-freq(kHz)	V-freq(Hz)		
1.	640x480	15.73	60	SDTV, DVD 480i	RZ, RT, RM
2.	640x480	15.63	59.94	SDTV, DVD 480i	RZ, RT, RM
3.	704x480	31.47	59.94	EDTV 480p	RT, RM
4.	720x576	15.625	50.00	SDTV, DVD 625 Line	RZ, RT
5.	720x576	31.25	50.00	HDTV 576p	RT, RZ
6.	1280x720	45.00	60.00	HDTV 720p	RT, RM, RZ
7.	1280x720	44.96	59.94	HDTV 720p	RT, RM, RZ
8.	1280x720	37.5	50.00	HDTV 720p 50HZ	RT, RZ
9.	1920x1080	31.25 -> 28.125	50.00	HDTV 1080i 50Hz (Only AU)	RT, RZ
10.	1920x1080	33.75	60.00	HDTV 1080i 60Hz (ATSC)	RT, RM, RZ
11.	1920x1080	33.72	59.94	HDTV 1080i 59.94Hz	RT, RM, RZ

Input Side Comp 480i(RZ, RT, RM), 576i(RZ, RT), 720P_1080i(RZ55 Model Only)

8. PC Input Mode

No	Resolution	H-freq(kHz)	V-freq.(Hz)	Pixel clock(MHz)	Proposed
DVI-PC, Analog RGB, Digital RGB					
1	640x480	31.469	59.94	25.17	VESA(VGA)
2	640x480	35	67	30.24	VESA(VGA)
3	640x480	37.500	75.00	31.50	VESA(VGA)
4	800x600	35.156	56.25	36.00	VESA(SVGA)
5	800x600	37.879	60.31	40.00	VESA(SVGA)
6	800x600	48.077	72.18	50.00	VESA(SVGA)
7	800x600	46.875	75.00	49.50	VESA(SVGA)
8	1024x768	48.363	60.00	65.00	VESA(XGA)
9	1024x768	56.476	70.06	75.00	VESA(XGA)
10	1024x768	60.023	75.02	78.75	VESA(XGA)
11	1280x768	47.693	60.00	80.125	VESA(WXGA)
12	1280x720	45.00	60.00	74.375	HDCP DVI Digital 720p (RM only)
13	1920x1080	33.75	60.00	86.375	HDCP DVI Digital 1080i(RM only)

ADJUSTMENT INSTRUCTION

1. Application

This document is applied to 23"26"32" Wide LCD TV which is manufactured in Monitor Factory or is produced on the basis of this data.

2. Designation

- 2.1 The adjustment is according to the order which is designated and which must be followed, according to the plan which can be changed only on agreeing.
- 2.2 Power Adjustment : Free Voltage
- 2.3 Magnetic Field Condition: Nil.
- 2.4 Input signal Unit : Product specification standard
- 2.5 Reserve after operation : Above 2 hours
- 2.6 Adjustment equipments : Pattern Generator (MSPG925F), DDC Adjustment Jig equipment, HDCP Adjustment Jig equipment.

3. Adjustments

3.1 Adjustment Details

The machine can be adjusted by itself automatically with factory automatic equipment, in case error occurs, set manual adjustment to standard.

3.2 Adjustment signal Composition of The Auto Adjustment equipment

- 3.2.1 RS-232C Interchange
9600bps, Pin#2 : Rx, Pin#3 : Tx, 8bit, STOP bit=1, No Parity

- 3.2.2 Adjust data save
 - * Save the adjusted data to the EEPROM with default value

ai - 0 - 00

- 3.2.3 Adjust OK

ak - 0 - 00

- 3.2.4 Screen Adjustment Instruction Forms

CMD1 CMD2 SetID(0) Value

a. CMD1,CMD2 : Instructions operated by Monitor

b. SetID L 0h Set always 0 in Adjustment

VALUE : Adjustment Value

3.2.5 Screen Adjustment Instructions

	Adjustment Content	CMD(ASCII)	VALUE(hex)	Detail Explanation
1	Mode Select	Kb	10, 20, 30, 40, 50	00 : RF(TV) 02: AV1 03 : S-Video 04 : Component 1 06 : PC
2	Sub Brightness	Ah	00 ~ 0X64	
3	Sub Contrast	Ag	00 ~ 0X64	
4	R_Offset Adjustment	Aa	00 ~ 7f	
5	G_Offset Adjustment	Ab	00 ~ 7f	
6	B_Offset Adjustment	Ac	00 ~ 7f	
7	R_Gain Adjustment	Ad	00 ~ ff	
8	G_Gain Adjustment	Ae	00 ~ ff	
9	B_Gain Adjustment	Af	00 ~ ff	The data which is adjusted store
10	Adjust Data Save	ai	00	The signal Adjustment was completed
11	Adjust OK	ak	00	

3.3 PC signal Gain/Offset Adjustment (Execute first of all in adjustment process)

3.3.1 Adjustment Preparation

- Execution of RF no signal during Heat Run over 30min
- Pattern generator signal is connected to the DVI-I Jack of LCD TV.

3.3.2 Auto Gain/Offset Adjustment

(Input signal Level : 730mV)

- To use Pattern Generator(MSPG925FS), Apply Model 37, Patten 19 (XGA(1024 X 768)60Hz, white/black top and bottom pattern signal (Don't apply 16 gray signal)
- Press IN-START Key by using the Remote Controller (SVC) , after converting to Adjustment-Mode, press VOL+ Key consecutively in Auto-Gain Menu.
- After adjustment is complete, pressing enter key, stores and completes the process.

3.4 Video signal Gain/Offset Adjustment

(Auto adjustment)

- Execution of RF no signal during Heat Run over 30min
- Connect to the LCD TV SCART input terminal with Patten Generator(MSPG-925FS)
- Convert INPUT MODE to S-Video or AV1.
- Connect RS-232C Communication Cable to the Auto Adjustment Equipment and SET's upgrade Port

3.4.1 Low Gray Adjustment

- Apply Gray-Level(Model : 202 PAL_BDGH, pattern : 59) signal by using Pattern Generator(MSPG-925FS)
- heck weather color-coordinates 23" & 26" & 32"AUO (x: 0.283, y:0.298, ±0.005), 32"LPL(x:0.280, y:0.290, ±0.005), 32"CMO(x:0.270, y:0.285, ±0.005), 26" AUO (x:0.280, y: 0.285, ±0.005) is operated by using CA-110 equipment
- If color-coordinates is not in Spec, adjust color-coordinates 23" & 26" & 32"AUO (x: 0.283, y:0.298, ±0.005), 32"LPL (x:0.280, y:0.290, ±0.005), 32"CMO(x:0.270, y:0.285, ±0.005), 26" AUO (x:0.280, y:0.285, ±0.005) by adjusting Red Offset, Blue Offset

3.4.2 White Balance Adjustment

- Apply 95% White (Model : 202 PAL_BDGH, pattern : 47, luminance spec : 250cd/m^2 over) signal by using Patten Generator(MSPG925FS)
- Check whether color-coordinates(x:0.283, y:0.298, ±0.005) is operated by using CA-110 equipment
- If color-coordinates is not in Spec, adjust color-coordinates(x:0.283, y:0.298, ±0.005) by adjusting Red Gain, Blue Gain
- All adjustment takes color-coordinates with based on G, changing R and B. If it is not adjusted, adjust with fixed B, changing G and R.

3.5 Component signal Gain/Offset Adjustment

(Auto adjustment)

- Execution of RF no signal during Heat Run over 30min
- Connect to the LCD TV Component1 terminal with Patten Generator(MSPG-925FS)
- Convert INPUT MODE to Component1.
- Connect RS-232C Communication Cable to the Auto Adjustment Equipment and SET's upgrade Port

3.5.1 Low Gray Adjustment

- Apply Gray-Level(Model : 210 576i, pattern : 59) signal by using Pattern Generator(MSPG925FS)
- Check whether color-coordinates 23" & 26" & 32"AUO (x: 0.283, y:0.298, ±0.005), 32"LPL(x:0.280, y:0.290, ±0.005), 32"CMO(x:0.270, y:0.285, ±0.005), 26" AUO (x:0.280, y: 0.285, ±0.005) is operated by using CA-110 equipment
- If color-coordinates is not in Spec, adjust color-coordinates 23" & 26" & 32"AUO (x:0.283, y:0.298, ±0.005), 32"LPL (x:0.280, y:0.290, ±0.005), 32"CMO(x:0.270, y:0.285, ±0.005), 26" AUO (x:0.280, y:0.285, ±0.005) by adjusting Red Offset, Blue Offset

3.5.2 White Balance Adjustment

- Apply 95% White(Model:210 576i, pattern : 47, luminance spec : 250cd/m^2 over) signal by using Patten Generator (MSPG925FS)
- Check whether color-coordinates(x:0.283, y:0.298, ±0.005) is operated by using CA-110 equipment
- If color-coordinates is not in Spec, adjust color-coordinates(x: 0.283, y:0.298, ±0.005) by adjusting Red Gain, Blue Gain
- All adjustment takes color-coordinates with based on G, changing R and B. If it is not adjusted, adjust with fixed B, changing G and R.

4. EDID (The Extended Display Identification Data) SETTING

- Connect D-Sub to DVI-I Cable to DVI-I Jack.
- Input analog signal and check pc video in the screen.
- After appearing the pc video, write Analog EDID data.
- Connect DVI D Cable to DVI Jack.
- Input digital signal and check pc video in the screen.
- After appearing the pc video, write digital EDID data.

[DDC DATA Analog Set]

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	00	FF	FF	FF	FF	FF	FF	00	1E	6D	FF	55	01	01	01	01
10	0C	0E	01	03	18	46	2B	78	EE	E8	AA	A1	57	49	9C	25
20	10	48	4B	AB	8C	00	45	4F	61	4F	81	CF	01	01	01	01
30	01	01	01	01	01	01	40	1F	00	90	51	00	1B	30	40	88
40	37	00	BC	AE	21	00	00	1C	00	00	00	FD	00	38	4B	1F
50	3D	0A	00	0A	20	20	20	20	20	20	00	00	00	FC	00	52
60	5A	32	36	4C	5A	35	35	0A	20	20	20	20	20	00	00	FC
70	00	0A	20	20	20	20	20	20	20	20	20	20	20	20	00	F9

[DDC DATA Digital Set]

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	00	FF	FF	FF	FF	FF	FF	00	1E	6D	00	56	01	01	01	01
10	0C	0E	01	03	98	46	2B	96	EE	E8	AA	A1	57	49	9C	25
20	10	48	4B	BF	EE	00	31	40	3B	CA	45	40	61	40	81	C0
30	81	CF	01	01	01	01	40	1F	00	90	51	00	1B	30	40	88
40	37	00	BC	AE	21	00	00	1C	00	00	00	FD	00	38	4B	1F
50	3D	0A	00	0A	20	20	20	20	20	20	00	00	00	FC	00	52
60	5A	32	36	4C	5A	35	35	0A	20	20	20	20	20	00	00	FC
70	00	0A	20	20	20	20	20	20	20	20	20	20	20	20	00	50

5. Shipping Conditions

No	Item		Condition	Remark	
1	Power		Off		
2	Volume Level		30		
3	Main Picture Input		TV		
4	Main Last Channel		Pr 01		
5	Mute		Off		
6	ARC		16 : 9		
7	Station	Auto Program			
		Manual Program			
		Program Edit			
		Favorite Program		None	
8	Picture	PSM		Dynamic	
		Dynamic	Contrast	80	
			Brightness	40	
			Colour	70	
			Sharpness	70	
		Tint	0	NTSC OPTION	
9	Sound	SSM		Flat	
		AVL		Off	
		Balance		0	
10	Special	Input		TV	
		Child Lock		Off	
		Auto sleep		Off	
		Language		English(Area Management)	
11	PC	H-Position		Variable by each mode	
		V-Position			
		Clock			
		Phase			
		Auto Configure			

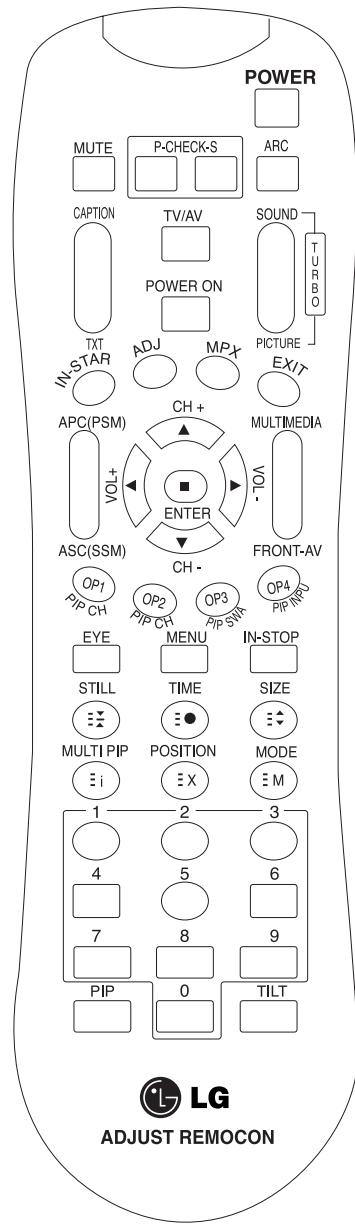
OPTION DATA SETTING(PAL)

No	Item	Condition	Remark
Option1			
1	SideAV	1	0 : SideAV Off 1 : SideAV On
2	SCART	1	0 : SCART Off 1 : SCART On
3	PC	1	0 : PC Off 1 : PC On
4	SideComp	1	0 : SideComp Off 1 : SideComp ON
5	16:9	1	0 : Wide OFF 1 : Wide On
6	200PR	0	0 : 100 Program 1 : 200 Program
7	Text	1	0 : Text Off 1 : Text On
8	ACMS	1	0 : ACMS On 1 : ACMS Off
Option2			
1	HiDev	0	0 : HiDev Off 1 : HiDev On
2	Hotel	0	0 : Hotel Off 1 : Hotel On
3	Top	1	0 : Top OFF 1 : Top ON
4	I II SAVE	1	0 : Ch. Sound Non Memory 1 : Ch. Sound Memory
5	Turbo Vol	0	0 : except below area(Off) 1 : Middle-East Area Vol On
6	Ch/Aus	0	0 : except below area(Off) 1 : China, Australia On

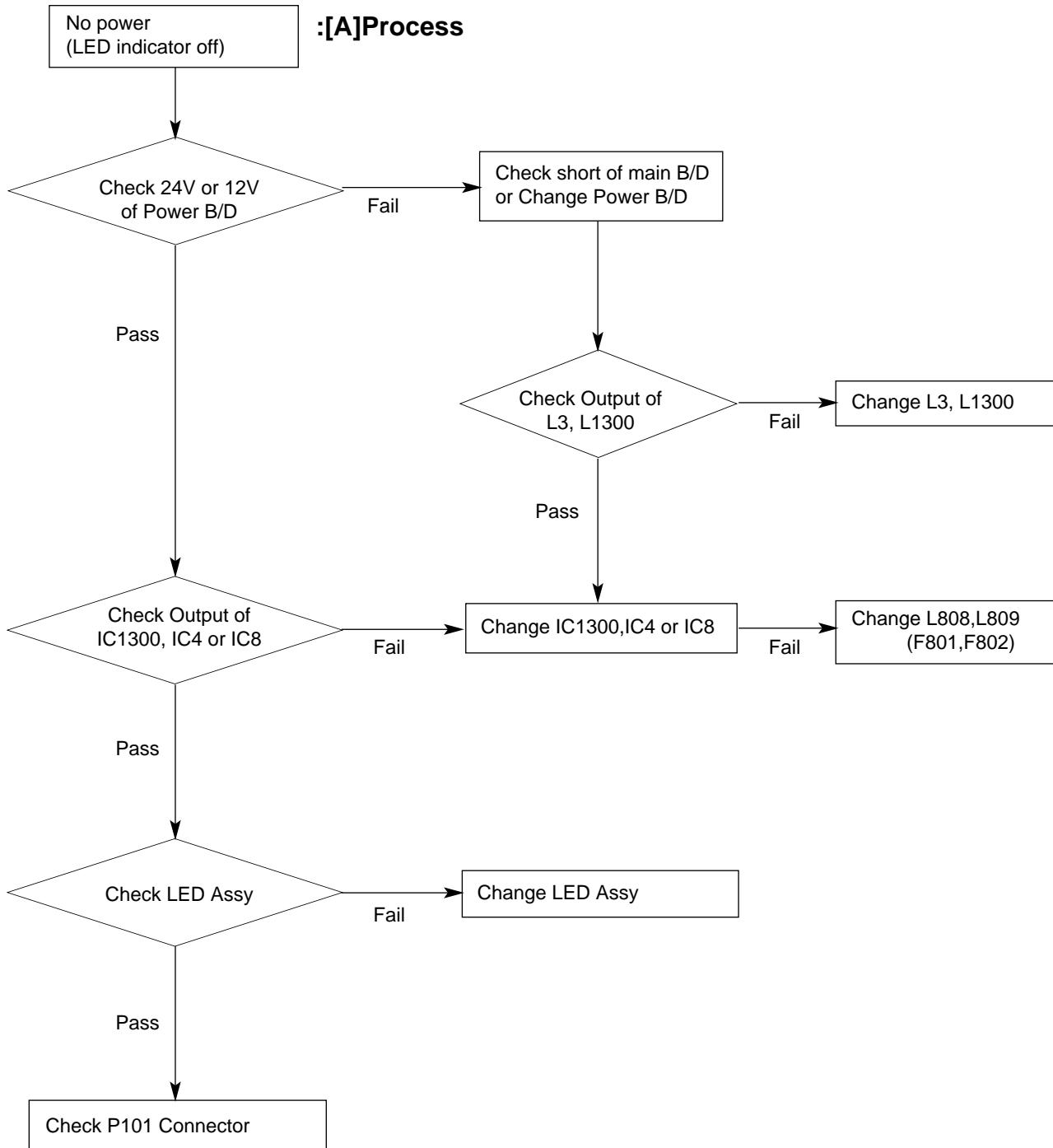
Option3			
1	Language	1	0 : Eng Only 1 : EU5 2 : 12 nations (Europe) 3 : Eng + Chinese 4 : Eng + Arab + Urdu 5 : Eng + FARSI
2	Txt Lang	0	0 : WEST EU 1 : EAST EU1 2 : TURKY EU 3 : EAST EU2 4 : CYRILLIC1 5 : CYRILLIC2 6 : CYRILLIC3 7 : TURK GRE1 8 : TURK GRE2 9 : TURK GRE3 10 : ARAB FRAN 11 : ARAB ENG 12 : ARAB HEB1 13 : ARAB HEB2 14 : FARSI ENG 15 : FARSI FRA 16 : FARI ALL
3	Inch opt	0	reserved
4	DDCi	Analog	Analog : Analog Digital : Digital

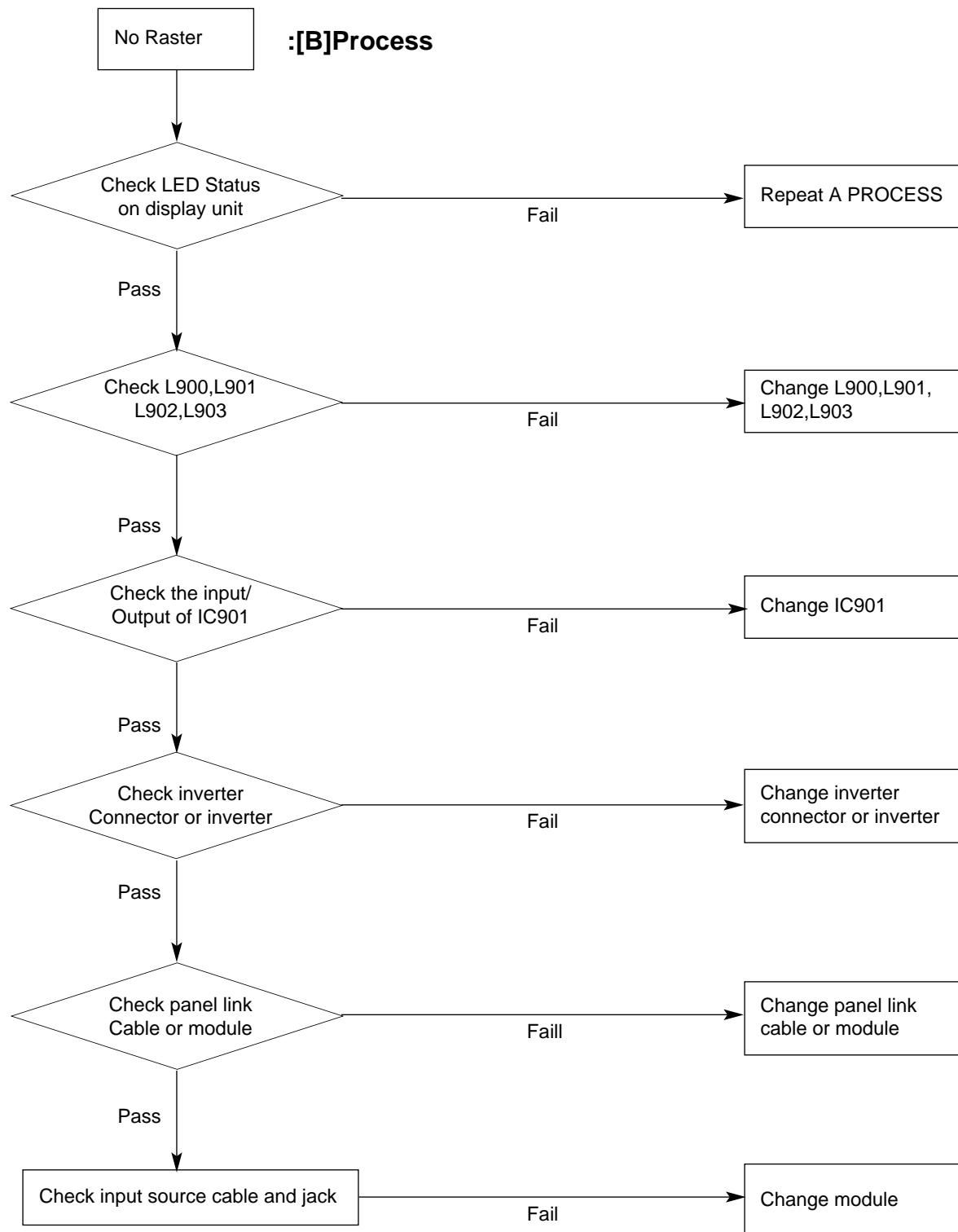
SVC REMOCON

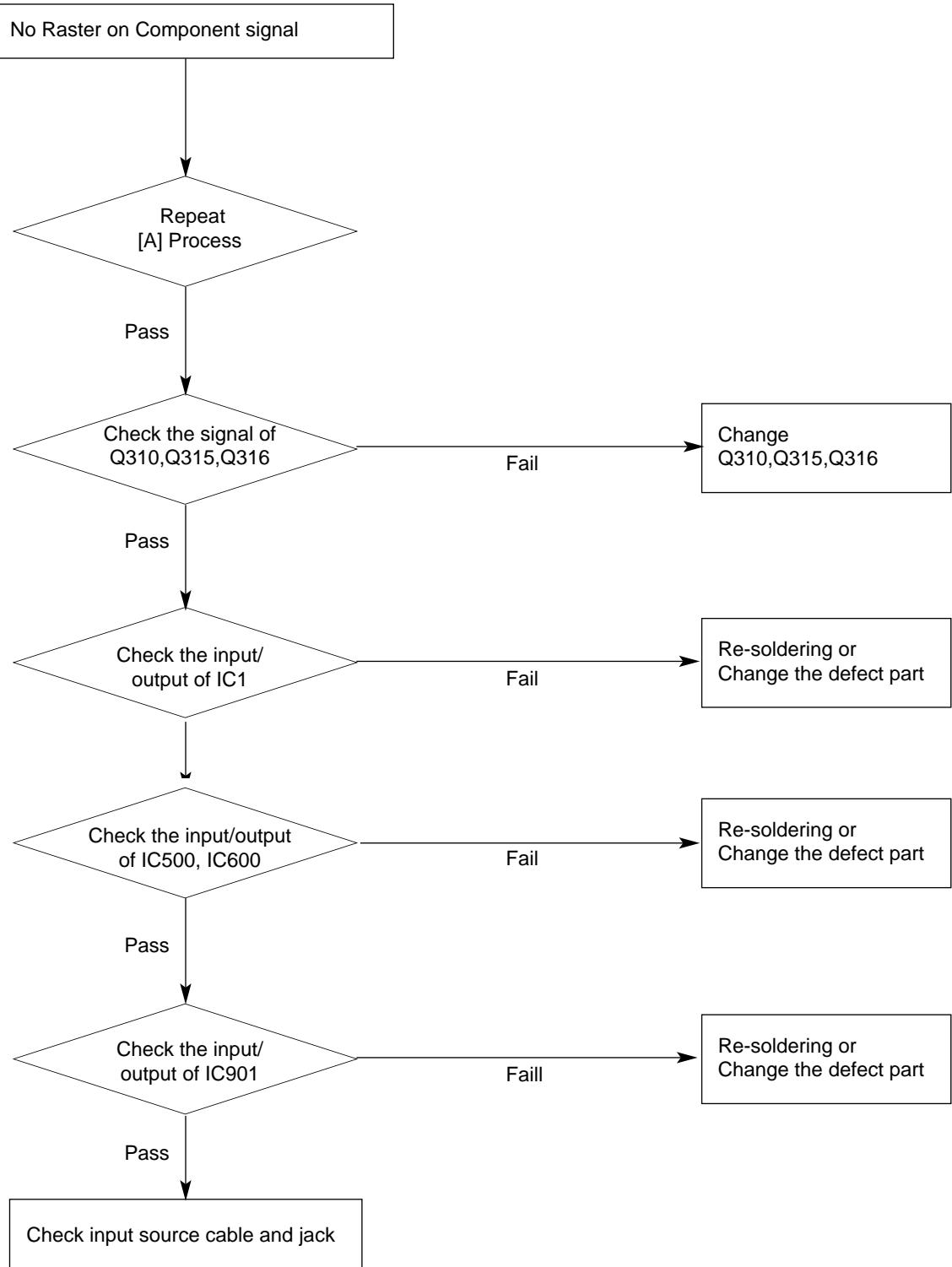
NO	KEY	FUNTION	REMARK
1	POWER	To turn the TV on or off	
2	POWER ON	To turn the TV on automatically if the power is supplied to the TV. (Use the POWER key to deactivate). It should be deactivated when delivered.	
3	MUTE	To activate the mute function.	
4	P-CHECK	To check TV screen image easily.	Shortcut 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 adjustment → Exit two times (Adjustment completed)	
		To enter into the adjustment mode. To adjust horizontal line and sub-brightness.	
13	ADJ	To select the multiple sound mode (Mono, Stereo or Foreign language)	
14	MPX	To release the adjustment mode	
15	EXIT	To easily adjust the screen according to surrounding brightness	
16	ASC(SSM)	To easily adjust sound according to the program type	
17	MULTIMIDIA	To check component input	Shortcut keys
18	FRONT-AV	To check the front AV	Shortcut keys
19	CH ±	To move channel up/down or to select a function displayed on the screen.	
20	VOL ±	To adjust the volume or accurately control a specific function.	
21	ENTER	To set a specific function or complete setting.	
22	PIP CH-(OP1)	To move the channel down in the PIP screen. To use as a red key in the teletext mode	
23	PIP CH+(OP2)	To move the channel in the PIP screen To use as a green key in the teletext mode	
24	PIP SWAP(OP3)	To switch between the main and sub screens To use as a yellow key in the teletext mode	
25	PIP INPUT(OP4)	To select the input status in the PIP screen To use as a blue key in the teletext mode	
26	EYE	To set a function that will automatically adjust screen status to match the surrounding brightness so natural color can be displayed.	
27	MENU	To select the functions such as video, voice, function or channel.	
28	IN-STOP	To set the delivery condition status after manufacturing the TV set.	
29	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.)	
30	TIME	Displays the teletext time in the normal mode Enables to select the sub code in the teletext mode	
31	SIZE	Used as the size key in the PIP screen in the normal mode Used as the size key in the teletext mode	
32	MULTI PIP	Used as the index key in the teletext mode (Top index will be displayed if it is the top text.)	
33	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.)	
34	MODE	Used as Mode in the teletext mode	
35	PIP	To select the simultaneous screen	
36	TILT	To adjust screen tilt	Shortcut keys
37	0~9	To manually select the channel.	

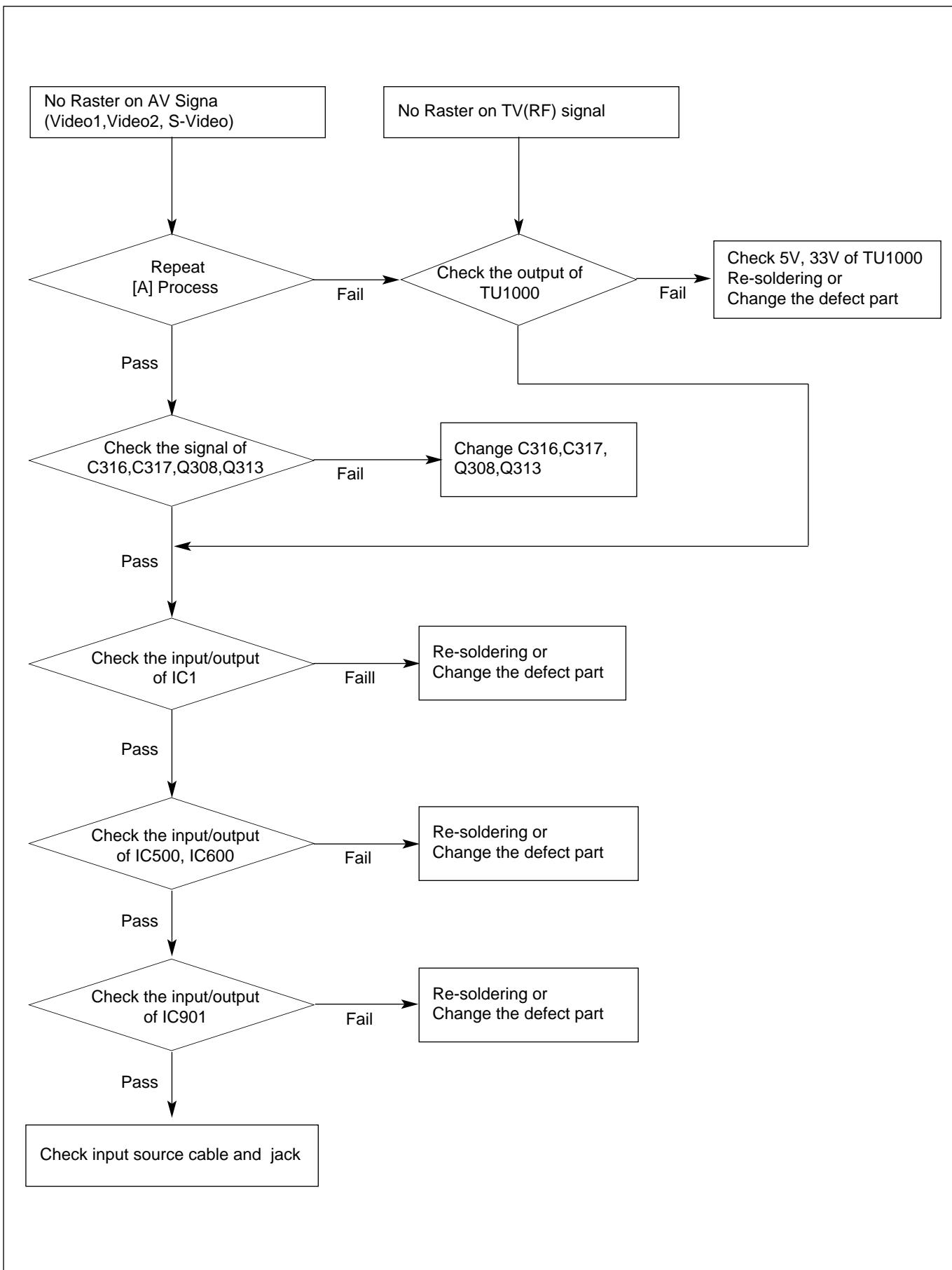


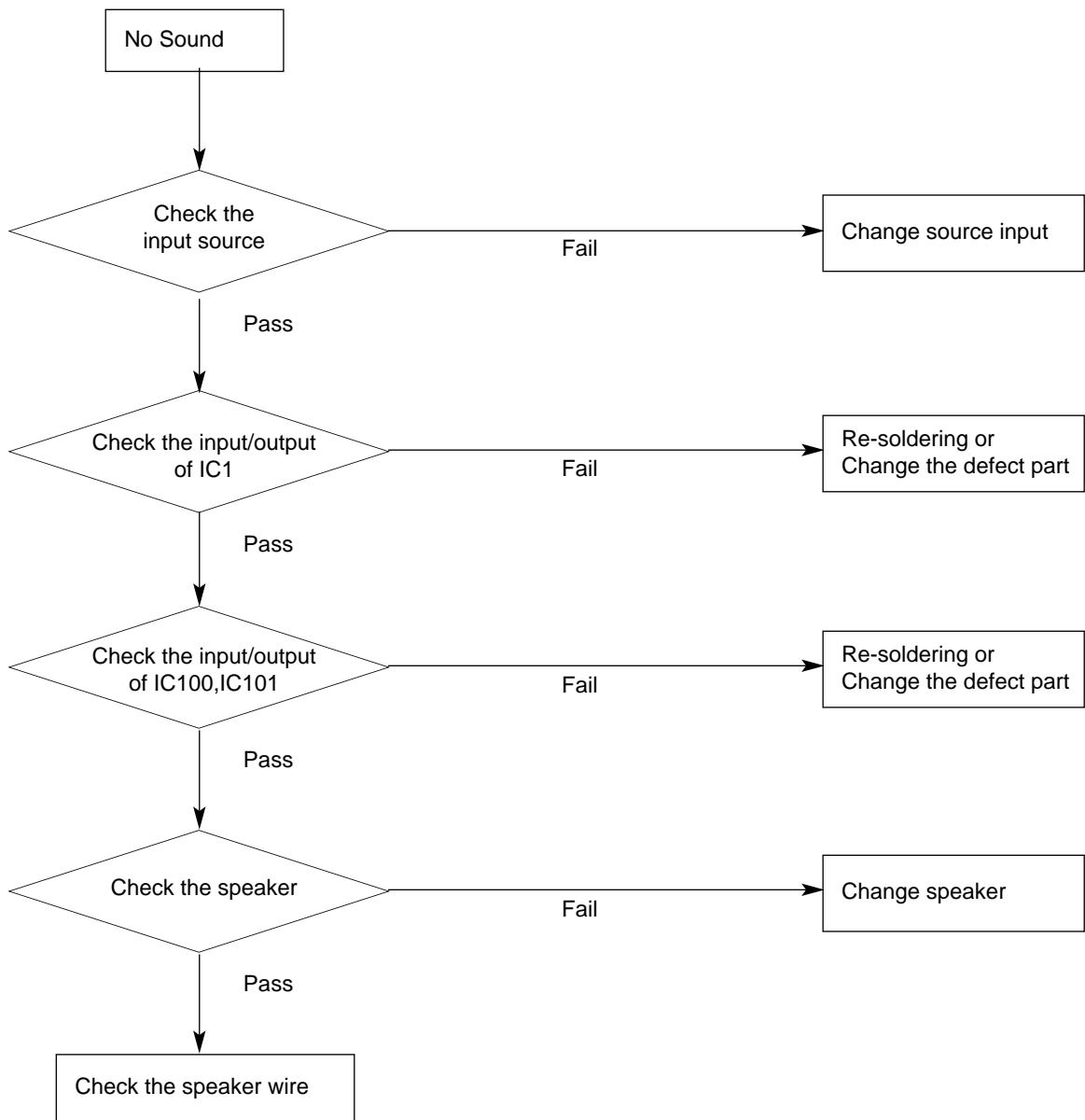
TROUBLESHOOTING



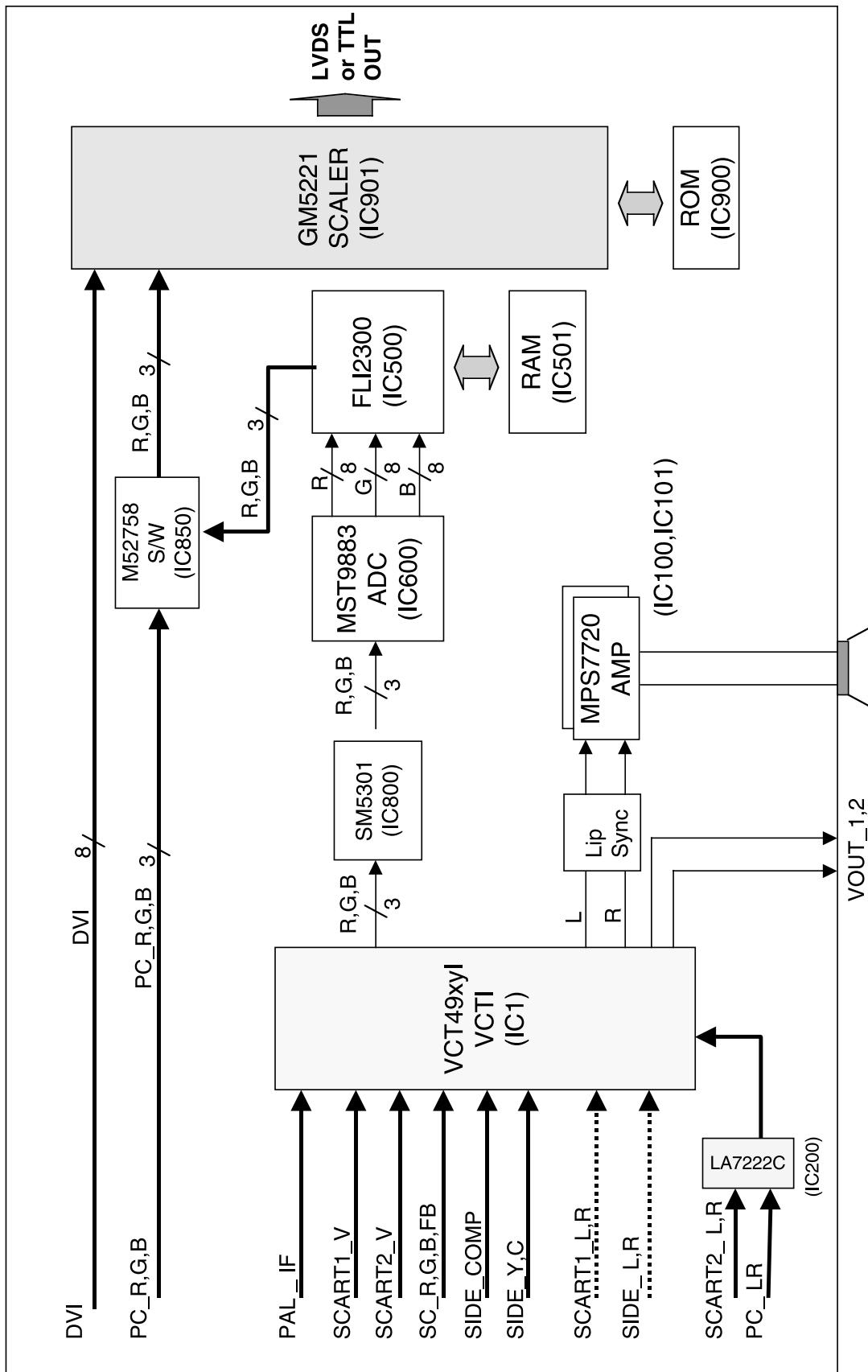








BLOCK DIAGRAM



BLOCK DIAGRAM DESCRIPTION

1. Video control and display data

Video signal is received from TUNER, AV port(AV1,AV2,S-Video,Component) and goes to the one-chip video decoder (VCTI) which separate the R,G,B signal and passes on the signal to AD converter(AD9883) which converts 4:4:4 video format into digital and gives output to the Picture Enhancer(FLI2300).This picture enhancer improves the quality of the picture by changing the level of RGB signals.The output of this enhancer chip is fed to the deinterlacer ,which in turn goes to the Scalar (GM5221).The scalar gives the output on the LVDS cable which is connected to LCD module.

VCTI acts a micom and is responsible for video processing and audio signal processing.It accepts the RF signal and separates sound and picture from it.

Scaler is responsible for regulating the timing of signal to LCD panel and size and location of the signal.Graphic control accepts the PC(Analog RGB) and DVI-D (Digital) signal, Scalar is responsible for regulating the timing of signal to LCD panel and size and location of the signal.Graphic control accepts the PC(Analog RGB) and DVI-D (Digital) signal,the signal of PC input is connected to analog port in Scaler and the signal of DVI-D input is connected to digital port. Thus it receives two input and switch between them to give output at the LVDS which in turn gives output at the LCD module.

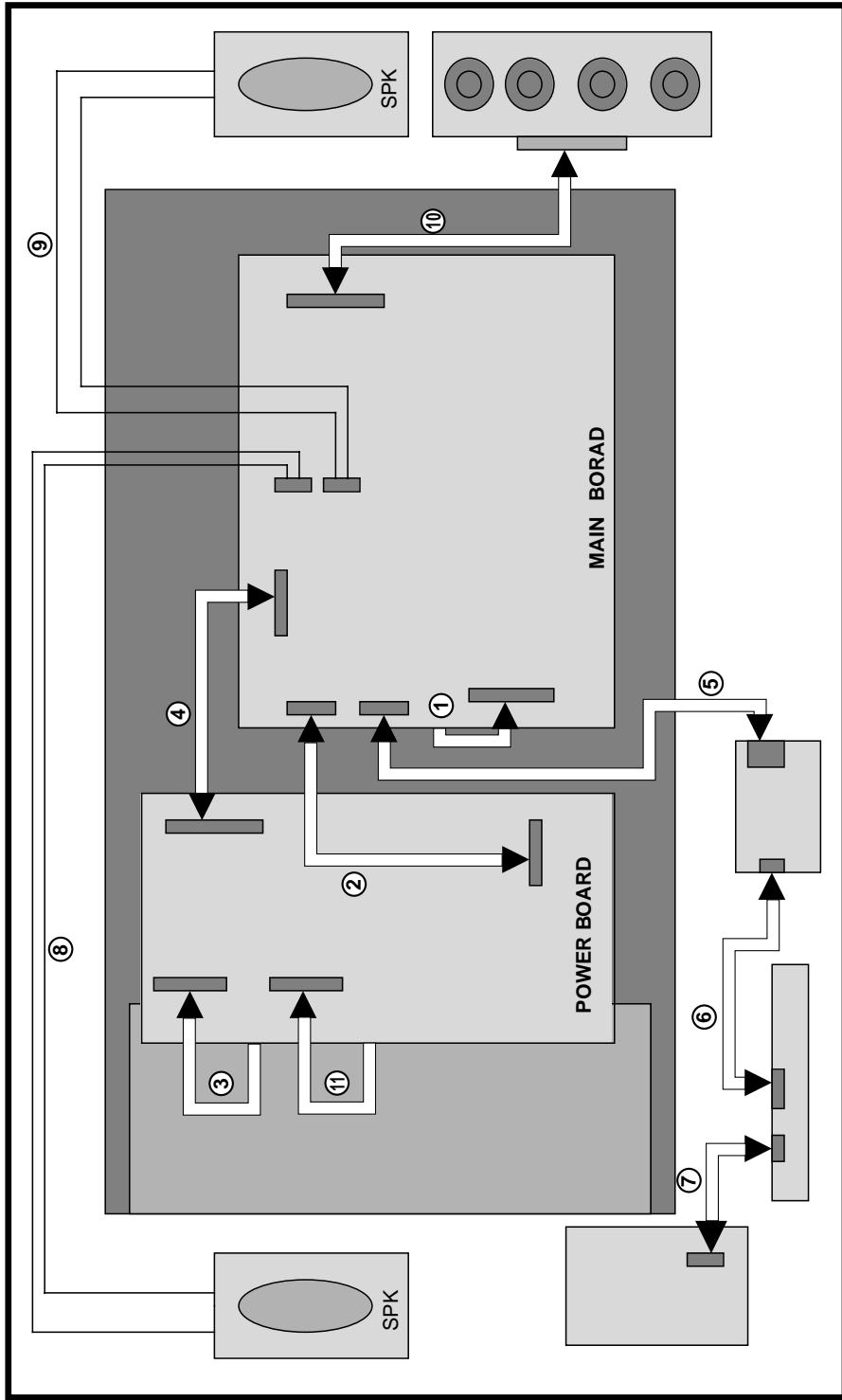
2. Power unit

The power board supplies a DC voltage of 33V, 24V, 12V to the main board.out of this 33v is used by the tuner and 24v is used directly by the inverter and the sound amplifier IC. 24v also is converted into 5v by a regulator. The 5v is changed into 3.3v and 1.8v by a regulator, both voltages(3.3v, 1.8v) is used by VCTI, Scaler, FLI2300 and AD9883. The voltage of LCD Panel is 12v.

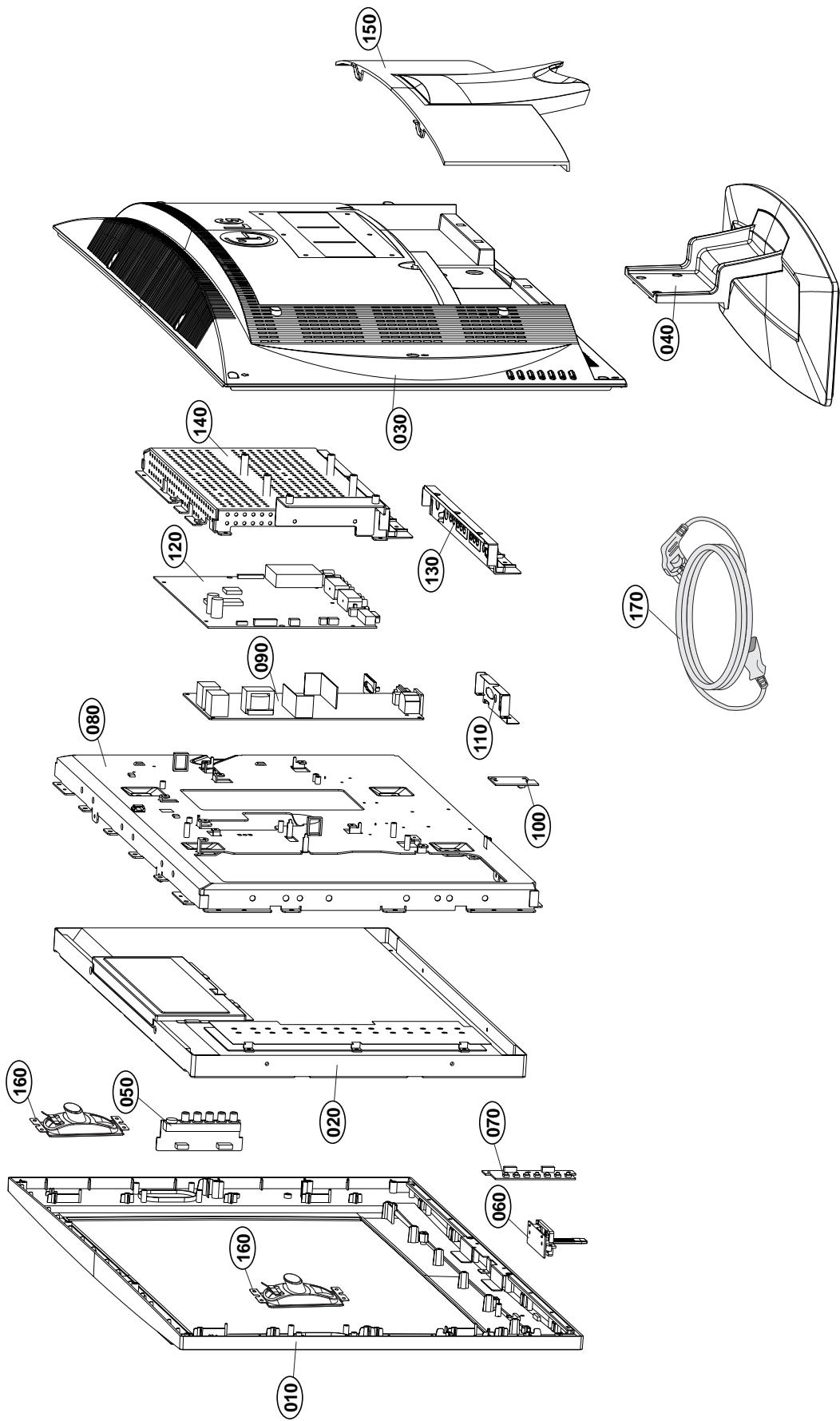
WIRING DIAGRAM

Wiring Part List

No.	Part No.
1	6631T11020A -LPL
	6631T11020B -AUO
2	6631T20033F
3	6631T20032A
4	6631T25019K
5	6631T20033B
6	6631T20033C
7	6631T20033D
8	6631T20029Z
9	6631T20029Y
10	6631T20033E



EXPLODED VIEW



EXPLODED VIEW PARTS LIST

No.	PART NO.	DESCRIPTION
010	3091TKE013B	CABINET ASSEMBLY, RZ-26LZ50 BRAND 3090TKE006A 407AF LGEWA C/SKD
	3091TKE013S	CABINET ASSEMBLY, RT-26LZ50 BRAND 3090TKE006A LGENT LOCAL ASSY PHANTOM
020	6304FLP214A	LCD(LIQUID CRYSTAL DISPLAY), LC260W01-A5KA LG PHILIPS TFT COLOR LEAD FREE
	or 6304FLP189A	LCD(LIQUID CRYSTAL DISPLAY), LC260W01-A5K8 LG PHILIPS TFT COLOR SS D-IC
	6304FAU020A	LCD(LIQUID CRYSTAL DISPLAY), T260XW01-V8 AU TFT COLOR WXGA,MVA 600NITS 25MS 16 CCFL LVDS
030	3809TKE035H	BACK COVER ASSEMBLY, RZ-26LZ55 3808TKE005 C/SKD
	3809TKE035G	BACK COVER ASSEMBLY, RZ-26LZ55 3808TKE005 NT PHANTOM(1080i)
040	3043TKK171B	TILT SWIVEL ASSEMBLY, RZ-26LZ50 LGEWA C/SKD
	3043TKK171F	TILT SWIVEL ASSEMBLY, RZ-26LZ50 NONE LGENT PHANTOM
050	6871TVT370C	PWB(PCB) ASSEMBLY,VIDEO, RM-32/26/23LZ50 SIDE A/V SUB TOTAL BRAND LF
060	6871TST762C	PWB(PCB) ASSEMBLY,SUB, 26/27LZ50 LED & P/SW TOTAL BRAND -LF-
070	6871TST589D	PWB(PCB) ASSEMBLY, SUB, RZ-26LZ50 CONTROL TOTAL BRAND -LF-
080	4951TKS156H	METAL ASSEMBLY, FRAME RZ-26LZ50 LPL C/SKD
	4951TKS156D	METAL ASSEMBLY, FRAME AUO RZ-26LZ50 C/SKD
090	6871TPT294B	PWB(PCB) ASSEMBLY,POWER, RZ-T-32LZ50 POWER TOTAL BRAND POWER BOARD 26"-32" LPL (PB FREE)
	or 6871TPT275E	PWB(PCB) ASSEMBLY,POWER, RM-32LZ50 POWER TOTAL BRAND 26-32INCH PB FREE
100	6871TST588D	PWB(PCB) ASSEMBLY,SUB, RZ-26LZ50 IR SUB TOTAL BRAND -LF-
110	4814TKK280B	SHIELD, REAR POWER C/SKD
120	33139P2007A	MAIN TOTAL ASSEMBLY, RZ-26LZ55 LPL SKD BRAND ML-041A -LF
	33139P2008A	MAIN TOTAL ASSEMBLY , RZ-26LZ55 AUO SKD BRAND ML-041L -LF-
130	3551TKK516B	COVER ASSEMBLY, RZ-30LZ50 REAR NON AV C/SKD
140	4951TKK169J	METAL ASSEMBLY, REAR RZ-26LZ50 C/SKD
150	3550TKK516B	COVER, RZ-26LZ50 REAR C/SKD
160	6400GKTX01C	SPEAKER,FULLRANGE, F1527C-6428-4 K-TONE FULL-RANGE(GENERAL) 4 OHM 7/12W 85DB OTHERS 40*70MM TRACK TYPE
170	6410TEW010A	POWER CORD, LP34A+LS60 LONGWELL VDE/SEMKO 1870MM WALL CD/PB FREE BLACK
	6410TEW011A	POWER CORD, LP22+LS60 LONGWELL IMQ 1870MM WALL CD/PB FREE BLACK- Only Italy
	6410TPW003A	POWER CORD, LP-33+LS-60 LONGWELL PCT 1870MM WALL CD/PB FREE BLACK- Only Russia
	6410TBW004A	POWER CORD, LP-61+LS-60 LONGWELL BSI 1870MM WALL CD/PB FREE BLACK- Only U.K
	6410TEW001D	POWER CORD, SP027+IS14 I-SHENG SEV 1870MM WALL BLACK- Only Swiss
	6410TEW010A	POWER CORD, LP34A+LS60 LONGWELL VDE/SEMKO 1870MM WALL CD/PB FREE BLACK- Only Czech

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: 2005. 09.19.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
CAPACITOR				
		C108	OCE476EK638	47UF KMG 50V M FM5 TP 5
		C1102	OCE107CK638	"100UF SHL,SD 50V M FM5 TP 5"
		C404	OCE227EJ638	220UF KMG 35V M FM5 TP 5
		C129	181-007F	"MPE ECQ-V1H224JL3(TR), 50V"
		C130	181-007F	"MPE ECQ-V1H224JL3(TR), 50V"
		C1001	OCH3103K516	10000PF 50V 10% B(Y5P) 2012
		C1002	OCH3103K516	10000PF 50V 10% B(Y5P) 2012
		C1003	OCH3103K516	10000PF 50V 10% B(Y5P) 2012
		C1004	OCH3103K516	10000PF 50V 10% B(Y5P) 2012
		C1007	OCH3103K516	10000PF 50V 10% B(Y5P) 2012
		C1010	OCK273DK51A	27000PF 2012 50V 10% B(Y5P)
		C107	OCK225DFK4A	"2.2UF 2012 16V 20%, -20% F(Y"
		C109	OCH3103K516	10000PF 50V 10% B(Y5P) 2012
		C11	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C110	OCH3103K516	10000PF 50V 10% B(Y5P) 2012
		C113	OCK225DFK4A	"2.2UF 2012 16V 20%, -20% F(Y"
		C114	OCK225DFK4A	"2.2UF 2012 16V 20%, -20% F(Y"
		C12	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C127	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C128	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C1300	OCK105DK94A	"1UF 2012 50V 80%, -20% R/TP"
		C1302	OCH3103K516	10000PF 50V 10% B(Y5P) 2012
		C1305	OCK105DK94A	"1UF 2012 50V 80%, -20% R/TP"
		C1307	OCH3103K516	10000PF 50V 10% B(Y5P) 2012
		C135	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C136	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C15	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C16	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C18	OCK106EF56A	10UF 3216 16V 10% X7R R/TP
		C19	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C23	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C3	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C306	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C318	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C4	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C4004	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C4005	OCH3222K516	2200PF 2012 50V 10% B(Y5P)
		C4006	OCH3222K516	2200PF 2012 50V 10% B(Y5P)
		C4009	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C4010	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C4011	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C4016	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C4017	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C4019	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C4021	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C42	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C44	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C45	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C49	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C500	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C505	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C506	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C507	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C508	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C509	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP

DATE: 2005. 09.19.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C51	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C510	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C511	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C512	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C513	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C514	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C517	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C518	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C519	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C521	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C522	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C523	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C526	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C527	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C528	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C529	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C530	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C531	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C532	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C533	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C534	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C535	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C536	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C537	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C538	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C539	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C540	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C541	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C542	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C544	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C545	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C546	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C547	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C549	OCK105DK94A	"1UF 2012 50V 80%, -20% R/TP"
		C550	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C551	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C552	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C553	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C554	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C555	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C556	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C557	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C558	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C559	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C567	OCK105DK94A	"1UF 2012 50V 80%, -20% R/TP"
		C6	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C60	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C606	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C608	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C609	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C61	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C614	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C615	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C616	OCH3104K566	0.1UF 50V 10% X7R 2012 R/TP

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C618	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C619	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C620	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C621	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C622	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C623	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C624	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C625	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C627	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C628	0CH3822K516	8200PF 2012 50V 10% B(Y5P)
		C629	0CH3823K516	82000PF 2012 50V 10% B(Y5P)
		C632	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C633	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C634	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C635	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C636	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C637	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C638	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C639	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C64	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C640	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C65	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C66	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
		C67	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C700	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C704	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C705	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C75	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C751	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C76	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
		C760	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C761	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C77	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
		C79	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
		C80	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
		C804	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C808	0CK105DK94A	"1UF 2012 50V 80%, -20% R/TP"
		C809	0CK105DK94A	"1UF 2012 50V 80%, -20% R/TP"
		C81	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
		C810	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C811	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C812	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C813	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C82	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C84	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
		C850	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C851	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C852	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C853	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C854	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C855	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C856	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C864	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C865	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C866	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C867	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C868	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C869	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C870	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C90	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C908	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C909	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C910	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C911	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C912	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C913	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C914	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C915	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C916	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C917	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C918	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C919	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C92	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C920	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C921	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C922	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C923	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C926	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C927	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C928	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C929	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C930	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C931	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C935	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C936	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C938	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C939	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C940	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C941	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C942	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C943	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C944	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C945	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C946	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C947	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C948	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C949	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C950	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C951	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C952	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C958	0CK225DFK4A	"2.2UF 2012 16V 20%, -20% F(Y"
		C96	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C960	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP-LPL
		C963	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C964	0CK105DK94A	"1UF 2012 50V 80%, -20% R/TP-AUO
		C966	0CH3103K516	10000PF 50V 10% B(Y5P) 2012-AUO
		C967	0CH3103K516	10000PF 50V 10% B(Y5P) 2012-AUO
		C968	0CH6101K416	100PF 50V 5% NP0 2012 R/TP-AUO
		C969	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C970	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C971	0CE107EF638	100UF KMG 16V M FM5 TP 5-AUO
		C973	0CH3104K566	0.1UF 50V 10% X7R 2012 R/TP
		C10	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C115	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C116	0CK562CK51A	5600PF 1608 50V 10% R/TP B(
		C117	0CK562CK51A	5600PF 1608 50V 10% R/TP B(
		C118	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C125	0CK105EK56A	1UF 3216 50V 10% X7R R/TP
		C126	0CK105EK56A	1UF 3216 50V 10% X7R R/TP
		C1301	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(
		C1306	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(
		C25	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C26	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C27	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C28	0CK334CF94A	"0.33UF 1608 16V 80%,-20% F("
		C29	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C30	0CK334CF94A	"0.33UF 1608 16V 80%,-20% F("
		C32	0CK334CF94A	"0.33UF 1608 16V 80%,-20% F("
		C33	0CK334CF94A	"0.33UF 1608 16V 80%,-20% F("
		C34	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C35	0CK334CF94A	"0.33UF 1608 16V 80%,-20% F("
		C37	0CK334CF94A	"0.33UF 1608 16V 80%,-20% F("
		C40	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C4000	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C4014	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C4018	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C4020	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C41	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C5001	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C504	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C524	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C611	0CK473CK56A	47000PF 1608 50V 10% R/TP X
		C612	0CK473CK56A	47000PF 1608 50V 10% R/TP X
		C613	0CK473CK56A	47000PF 1608 50V 10% R/TP X
		C626	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C7	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C70	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C71	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
		C72	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
		C73	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
		C750	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C752	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C753	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C759	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C78	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
		C8	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C800	0CK105CF94A	"1UF 1608 16V 80%,-20% R/TP"
		C801	0CK105CF94A	"1UF 1608 16V 80%,-20% R/TP"
		C802	0CK105CF94A	"1UF 1608 16V 80%,-20% R/TP"
		C803	0CK105CF94A	"1UF 1608 16V 80%,-20% R/TP"
		C9	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C901	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(
		C902	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(
		C903	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(
		C904	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(
		C905	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(
		C906	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(
		C907	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(
		C13	0CH6102K406	1000PF 50V 5% SL 2012 R/TP
		C1303	0CH6101K416	100PF 50V 5% NP0 2012 R/TP
		C1308	0CH6101K416	100PF 50V 5% NP0 2012 R/TP
		C14	0CH6102K406	1000PF 50V 5% SL 2012 R/TP
		C2	0CH6102K406	1000PF 50V 5% SL 2012 R/TP
		C20	0CH6102K406	1000PF 50V 5% SL 2012 R/TP
		C200	0CH6221K416	220PF 2012 50V 5% NP0 -
		C237	0CH6102K406	1000PF 50V 5% SL 2012 R/TP
		C238	0CH6102K406	1000PF 50V 5% SL 2012 R/TP
		C319	0CH6120K416	12PF 2012 50V 5% NP0 -
		C324	0CH6120K416	12PF 2012 50V 5% NP0 -
		C328	0CH6120K416	12PF 2012 50V 5% NP0 -
		C329	0CH6120K416	12PF 2012 50V 5% NP0 -
		C331	0CH6150K416	15PF 2012 50V 5% NP0 R/TP
		C336	0CH6150K416	15PF 2012 50V 5% NP0 R/TP
		C340	0CH6150K416	15PF 2012 50V 5% NP0 R/TP
		C341	0CH6150K416	15PF 2012 50V 5% NP0 R/TP
		C352	0CC270DK41A	27PF 2012 50V 5% NP0 R/TP
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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C354	0CH6471K416	470PF 2012 50V 5% NP0 R/TP
		C355	0CH6471K416	470PF 2012 50V 5% NP0 R/TP
		C43	0CH6102K406	1000PF 50V 5% SL 2012 R/TP
		C46	0CH6102K406	1000PF 50V 5% SL 2012 R/TP
		C50	0CH6102K406	1000PF 50V 5% SL 2012 R/TP
		C53	0CH6102K406	1000PF 50V 5% SL 2012 R/TP
		C59	0CH6102K406	1000PF 50V 5% SL 2012 R/TP
		C701	0CH6120K416	12PF 2012 50V 5% NP0 -
		C702	0CH6120K416	12PF 2012 50V 5% NP0 -
		C74	0CH6102K406	1000PF 50V 5% SL 2012 R/TP
		C755	0CH6471K416	470PF 2012 50V 5% NP0 R/TP
		C756	0CH6471K416	470PF 2012 50V 5% NP0 R/TP
		C757	0CH6471K416	470PF 2012 50V 5% NP0 R/TP
		C758	0CH6101K416	100PF 50V 5% NP0 2012 R/TP
		C83	0CH6102K406	1000PF 50V 5% SL 2012 R/TP
		C86	0CH6102K406	1000PF 50V 5% SL 2012 R/TP
		C924	0CH6080K116	8PF 2012 50V 0.5 PF C0G R/T
		C925	0CH6080K116	8PF 2012 50V 0.5 PF C0G R/T
		C1015	0CC680CK41A	68PF 1608 50V 5% R/TP NP0
		C1016	0CC680CK41A	68PF 1608 50V 5% R/TP NP0
		C121	0CC100CK41A	10PF 1608 50V 5% R/TP NP0
		C122	0CC100CK41A	10PF 1608 50V 5% R/TP NP0
		C1500	0CC330CK41A	33PF 1608 50V 5% R/TP NP0
		C1501	0CC330CK41A	33PF 1608 50V 5% R/TP NP0
		C1502	0CC330CK41A	33PF 1608 50V 5% R/TP NP0
		C202	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C203	0CC221CK41A	220PF 1608 50V 5% R/TP NP0
		C204	0CC471CK41A	470PF 1608 50V 5% R/TP NP0
		C205	0CC471CK41A	470PF 1608 50V 5% R/TP NP0
		C207	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C209	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C21	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C210	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C211	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C214	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C217	0CC471CK41A	470PF 1608 50V 5% R/TP NP0
		C218	0CC471CK41A	470PF 1608 50V 5% R/TP NP0
		C22	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C220	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C222	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C223	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C224	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C24	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C343	0CC270CK41A	27PF 1608 50V 5% R/TP NP0
		C348	0CC270CK41A	27PF 1608 50V 5% R/TP NP0
		C353	0CC270CK41A	27PF 1608 50V 5% R/TP NP0
		C4003	0CC150CK41A	15PF 1608 50V 5% R/TP NP0
		C4007	0CC150CK41A	15PF 1608 50V 5% R/TP NP0
		C47	0CC220CK41A	22PF 1608 50V 5% R/TP NP0
		C48	0CC220CK41A	22PF 1608 50V 5% R/TP NP0
		C501	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C515	0CC330CK41A	33PF 1608 50V 5% R/TP NP0
		C516	0CC330CK41A	33PF 1608 50V 5% R/TP NP0
		C600	0CC220CK41A	22PF 1608 50V 5% R/TP NP0
		C601	0CC220CK41A	22PF 1608 50V 5% R/TP NP0
		C602	0CC220CK41A	22PF 1608 50V 5% R/TP NP0
		C603	0CC220CK41A	22PF 1608 50V 5% R/TP NP0
		C610	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C754	0CC471CK41A	470PF 1608 50V 5% R/TP NP0
		C85	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C1006	0CE106EK638	10UF KMG 50V 20% FM5 TP 5
		C1100	0CE106BF618	10UF KME TYPE 16V 20% FL TP

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C111	OCE475EK638	4.7UF KMG 50V 20% FM5 TP 5
		C1112	OCE108EF618	1000UF KMG 16V 20% FL TP 5
		C1113	OCE108EF618	1000UF KMG 16V 20% FL TP 5
		C1114	OCE108EF618	1000UF KMG 16V 20% FL TP 5
		C1115	OCE108EF618	1000UF KMG 16V 20% FL TP 5
		C112	OCE475EK638	4.7UF KMG 50V 20% FM5 TP 5
		C119	OCE106BF618	10UF KME TYPE 16V 20% FL TP
		C120	OCE106BF618	10UF KME TYPE 16V 20% FL TP
		C1202	OCE477EJ618	470UF KMG 35V 20% FL TP 5
		C123	OCE477EJ618	470UF KMG 35V 20% FL TP 5
		C124	OCE477EJ618	470UF KMG 35V 20% FL TP 5
		C1299	OCE477EJ618	470UF KMG 35V 20% FL TP 5
		C1304	OCE477EJ618	470UF KMG 35V 20% FL TP 5
		C131	OCE477EJ618	470UF KMG 35V 20% FL TP 5
		C132	OCE477EJ618	470UF KMG 35V 20% FL TP 5
		C133	OCE477EJ618	470UF KMG 35V 20% FL TP 5
		C134	OCE477EJ618	470UF KMG 35V 20% FL TP 5
		C100	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C1008	OCE227WF6DC	220UF MVK 16V 20% R/TP(SMD)
		C1503	OCE107WF6DC	100UF MVK 16V 20% R/TP(SMD)
		C1504	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C17	OCH8106J691	10UF 35V 20% 105STD (CYL) R
		C206	OCH8226F691	22UF 16V 20% 105STD (CYL) R
		C208	OCH8226F691	22UF 16V 20% 105STD (CYL) R
		C219	OCH8226F691	22UF 16V 20% 105STD (CYL) R
		C221	OCH8226F691	22UF 16V 20% 105STD (CYL) R
		C225	OCH8106J691	10UF 35V 20% 105STD (CYL) R
		C226	OCH8106J691	10UF 35V 20% 105STD (CYL) R
		C227	OCH8106J691	10UF 35V 20% 105STD (CYL) R
		C228	OCH8106J691	10UF 35V 20% 105STD (CYL) R
		C235	OCE107WF6DC	100UF MVK 16V 20% R/TP(SMD)
		C236	OCE107WF6DC	100UF MVK 16V 20% R/TP(SMD)
		C300	OCE107WF6DC	100UF MVK 16V 20% R/TP(SMD)
		C301	OCE107WF6DC	100UF MVK 16V 20% R/TP(SMD)
		C302	OCH8106F691	10UF 16V 20% 105STD (CYL) R
		C303	OCH8106F691	10UF 16V 20% 105STD (CYL) R
		C304	OCH8106F691	10UF 16V 20% 105STD (CYL) R
		C307	OCH8106F691	10UF 16V 20% 105STD (CYL) R
		C308	OCH8476H691	47UF 25V 20% 105STD (CYL) R
		C309	OCH8106F691	10UF 16V 20% 105STD (CYL) R
		C312	OCH8106F691	10UF 16V 20% 105STD (CYL) R
		C313	OCH8476H691	47UF 25V 20% 105STD (CYL) R
		C314	OCH8106F691	10UF 16V 20% 105STD (CYL) R
		C315	OCH8106F691	10UF 16V 20% 105STD (CYL) R
		C316	OCH8106F691	10UF 16V 20% 105STD (CYL) R
		C317	OCH8106F691	10UF 16V 20% 105STD (CYL) R
		C4001	OCH8106J691	10UF 35V 20% 105STD (CYL) R
		C4002	OCH8106J691	10UF 35V 20% 105STD (CYL) R
		C4008	OCH8106J691	10UF 35V 20% 105STD (CYL) R
		C4012	OCH8106J691	10UF 35V 20% 105STD (CYL) R
		C4013	OCH8106J691	10UF 35V 20% 105STD (CYL) R
		C4015	OCH8106J691	10UF 35V 20% 105STD (CYL) R
		C4022	OCH8106J691	10UF 35V 20% 105STD (CYL) R
		C4023	OCH8106J691	10UF 35V 20% 105STD (CYL) R
		C4024	OCE477WF6DC	470UF MVK 16V 20% SMD R/TP(
		C5	OCE475WJ6DC	4.7UF MVK 35V 20% R/TP(SMD)
		C502	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C503	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C52	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C520	OCH8106F691	10UF 16V 20% 105STD (CYL) R
		C525	OCH8106F691	10UF 16V 20% 105STD (CYL) R
		C54	OCH8476F691	47UF 16V 20% 105STD (CYL) R

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C543	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C55	OCH8476H691	47UF 25V 20% 105STD (CYL) R
		C560	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C566	OCH8106F691	10UF 16V 20% 105STD (CYL) R
		C604	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C605	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C607	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C62	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C63	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C703	OCE107WF6DC	100UF MVK 16V 20% R/TP(SMD)
		C805	OCE227WF6DC	220UF MVK 16V 20% R/TP(SMD)
		C806	OCE227WF6DC	220UF MVK 16V 20% R/TP(SMD)
		C807	OCE227WF6DC	220UF MVK 16V 20% R/TP(SMD)
		C814	OCE227WF6DC	220UF MVK 16V 20% R/TP(SMD)
		C815	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C857	OCE477WF6DC	470UF MVK 16V 20% SMD R/TP(
		C858	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C859	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C860	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C861	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C862	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C863	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C87	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C88	OCH8476H691	47UF 25V 20% 105STD (CYL) R
		C89	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C900	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C91	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C953	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C956	OCH8476H691	47UF 25V 20% 105STD (CYL) R-LPL
		C957	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C959	OCH8476F691	47UF 16V 20% 105STD (CYL) R
		C97	OCH8476H691	47UF 25V 20% 105STD (CYL) R
		C972	OCH8476H691	47UF 25V 20% 105STD (CYL) R

DIODEs

D100	ODRFC00288A	SS14 FAIR CHILD R/TP SMA 20
D101	ODRFC00288A	SS14 FAIR CHILD R/TP SMA 20
ZD1300	ODR340009AA	MBR340 TP FAIRCHILD NON 40
ZD1301	ODR340009AA	MBR340 TP FAIRCHILD NON 40
IC751	ODRSE00018B	"SRV05-4.TCT, SEMTECH R/TP S"
IC754	ODRSE00018B	"SRV05-4.TCT, SEMTECH R/TP S"
D107	ODS226009AA	KDS226 TP KEC - 80V - - 4NS
D711	ODD184009AA	KDS184 TP KEC - 85V - - - 3
D102	ODS181009AA	KDS181 TP KEC SOT-23 80V
D103	ODS181009AA	KDS181 TP KEC SOT-23 80V
D104	ODZ620009HB	UDZ S 6.2B TP ROHM SOD323 2
D105	ODZ620009HB	UDZ S 6.2B TP ROHM SOD323 2
D703	ODZ510009EE	UDZ S 5.1B TP ROHM-K SOD323
D704	ODZ510009EE	UDZ S 5.1B TP ROHM-K SOD323
ZD101	ODZ510009EE	UDZ S 5.1B TP ROHM-K SOD323
ZD215	ODZ510009EE	UDZ S 5.1B TP ROHM-K SOD323
ZD216	ODZ510009EE	UDZ S 5.1B TP ROHM-K SOD323
ZD217	ODZ510009EE	UDZ S 5.1B TP ROHM-K SOD323
ZD218	ODZ510009EE	UDZ S 5.1B TP ROHM-K SOD323
ZD219	ODZ510009EE	UDZ S 5.1B TP ROHM-K SOD323
ZD220	ODZ510009EE	UDZ S 5.1B TP ROHM-K SOD323
ZD222	ODZ510009EE	UDZ S 5.1B TP ROHM-K SOD323
D700	ODZ510009EE	UDZ S 5.1B TP ROHM-K SOD323
D701	ODZ510009EE	UDZ S 5.1B TP ROHM-K SOD323
D702	ODZ510009EE	UDZ S 5.1B TP ROHM-K SOD323
D705	ODZ510009EE	UDZ S 5.1B TP ROHM-K SOD323

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	
		D706	0DZ510009EE	UDZ S 5.1B TP ROHM-K SOD323	
		ZD203	0DZ510009EE	UDZ S 5.1B TP ROHM-K SOD323	
		ZD204	0DZ510009EE	UDZ S 5.1B TP ROHM-K SOD323	
		ZD205	0DZ510009EE	UDZ S 5.1B TP ROHM-K SOD323	
		ZD206	0DZ510009EE	UDZ S 5.1B TP ROHM-K SOD323	
		ZD207	0DZ510009EE	UDZ S 5.1B TP ROHM-K SOD323	
		ZD208	0DZ510009EE	UDZ S 5.1B TP ROHM-K SOD323	
		ZD210	0DZ510009EE	UDZ S 5.1B TP ROHM-K SOD323	
		ZD213	0DZ510009EE	UDZ S 5.1B TP ROHM-K SOD323	
		ZD214	0DZ510009EE	UDZ S 5.1B TP ROHM-K SOD323	
		ZD221	0DZ510009EE	UDZ S 5.1B TP ROHM-K SOD323	
		ZD5001	0DZ510009EE	UDZ S 5.1B TP ROHM-K SOD323	
		ZD5002	0DZ510009EE	UDZ S 5.1B TP ROHM-K SOD323	
		ZD5003	0DZ510009EE	UDZ S 5.1B TP ROHM-K SOD323	
		ZD851	0DZ510009EE	UDZ S 5.1B TP ROHM-K SOD323	
		ZD852	0DZ510009EE	UDZ S 5.1B TP ROHM-K SOD323	
		ZD901	0DR340009AA	MBRS340 TP FAIRCHILD NON 40-AUO	
		ZD1000	0DZ330009DF	MTZJ33B TP ROHM-K DO34 0.5W	
		ZD10	0DZ910009FE	UDZS 9.1B TP ROHM - - 9.1V	
IC					
		IC501	0IMMREB010A	"M12L64322A-6T ESMT 86P,TSOP"	
		IC749	0IMMRSG036A	"M24C02-WMN6T(P),LF SGS-THOM"	
		IC753	0IMMRSG036A	"M24C02-WMN6T(P),LF SGS-THOM"	
		IC907	0IMCRAL006A	"AT24C16AN-10SU-2.7,LF ATTEL"	
		IC918	0IMCRAL006A	"AT24C16AN-10SU-2.7,LF ATTEL"	
		IC100	0IMCRMZ002A	MP7720 MONOLITHIC POWER SYS	
		IC101	0IMCRMZ002A	MP7720 MONOLITHIC POWER SYS	
		IC500	0IMCRGN002D	"FLI2300BD-LF,PB FREE GENES!"	
		IC750	0IMCRSG010A	ST3232CDR SGS-THOMSON SOP16	
		IC850	0IMCRMI006B	"M52758FP,LF RENESAS 36P,SSO"	
		IC1	0IPRPMN003G	"VCT49X3F-F2,LF MICRONAS 144"	
		IC4002	0IPRPAK013A	"AK4525VF-E2,LF AKM 28P,VOSP"	
		IC4005	0IPRPPJR017A	"NNU26901E2 JRC 8P,EMP R/TP"	
		IC600	0IPRPM3002D	"MST9883C-LF-110 MSTAR 80P,L,"	
		IC800	0IPRPNP001A	"SM5301BS(ATSC DTV) NPC 28P,"	
		IC901	0IPRPGN014C	"GM5221H-BC-LF,PB FREE GENES"	
		IC904	0IPMG00063A	MP1593DN-LF-Z MONOLITHIC PO-AUO	
		IC1300	0IPMG00063A	MP1593DN-LF-Z MONOLITHIC PO	
		IC1301	0IPMG00063A	MP1593DN-LF-Z MONOLITHIC PO	
		IC2	0IPMGK2001B	AIC1117A-33PYTR(BS33) AIC 3	
		IC3	0IKE702700D	"KIA7027AF 3, SOT-89 TP RESE"	
		IC300	0IPMGKE039A	"KIA78D09F KEC 3P,DPAK R/TP"	
		IC4	0IPMGK2001B	AIC1117A-33PYTR(BS33) AIC 3	
		IC4007	0IPMG00107A	AZ1117H-2.5TR/E1 AAC 3PIN S	
		IC505	0IPMGSG020A	"LD1117DT18TR,LF SGS-THOMSON"	
		IC6	0IPMGSG018D	LD1086DT18TR-LF SGS-THOMSON	
		IC601	0IPMGK2001B	AIC1117A-33PYTR(BS33) AIC 3	
		IC604	0IPMGFA061A	"FAN1587AD33X FAIRCHILD 3P,D"	
		IC8	0IMCRFA015A	KA7805R FAIRCHILD 2P D-PAK	
		IC905	0IPMGFA061A	"FAN1587AD33X FAIRCHILD 3P,D"	
		IC906	0IPMGSG018D	LD1086DT18TR-LF SGS-THOMSON	
		IC103	0ISS780800J	"KA78M08R 3P,D-PAK TP VOL. R"	
		IC200	0ISA722200A	LA7222 (1280 AUDIO) - - -	
		IC2000	0ISTL00026A	"MC14066BDR2G,LF ON SEMI 14P"	
		IC4000	0ISTLFA108A	"NC7SV125P5X FAIRCHILD 5P,SC"	
		IC4003	0ISTLFA108A	"NC7SV125P5X FAIRCHILD 5P,SC"	
		IC4004	0ISTLFA108A	"NC7SV125P5X FAIRCHILD 5P,SC"	
		IC4006	0ISTL00021A	"SN74AHCT1G125DCKR,LF TEXAS"	
		IC702	0ISTL00031A	"MC74HC4066ADR2G,LF ON SEMI"	
		IC752	0IMCRTI001A	"SN74HCT157DR,LF TEXAS INST"	

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		L201	OLC1020101A	1UH 10% 2012 R/TC FI-B2012-
		L306	OLC1532101A	15UH 10% 3216 R/TC FI-C3216
		L307	OLC1532101A	15UH 10% 3216 R/TC FI-C3216
		L8	OLC1032101A	10UH 10% 3216 R/TC FI-C3216
		L9	OLC1032101A	10UH 10% 3216 R/TC FI-C3216
FET & TRANSISTOR				
		Q1000	OTR388109AA	KTC3881 CHIP TP KEC - -
		Q1101	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q1102	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q212	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q300	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q302	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q303	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q304	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q318	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q701	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q100	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q101	OTR150400BA	CHIP 2SA1504S(ASY) BK KEC -
		Q12	OTR150400BA	CHIP 2SA1504S(ASY) BK KEC -
		Q13	OTR150400BA	CHIP 2SA1504S(ASY) BK KEC -
		Q14	OTR150400BA	CHIP 2SA1504S(ASY) BK KEC -
		Q15	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q16	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q17	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q301	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q305	OTR150400BA	CHIP 2SA1504S(ASY) BK KEC -
		Q306	OTR150400BA	CHIP 2SA1504S(ASY) BK KEC -
		Q308	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q310	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q313	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q315	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q316	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q317	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q500	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -
		Q901	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC -LPL
		IC1101	OTF492509AA	SI4925DY TP TEMIC 30V 6.1A
		IC902	OTF492509AA	SI4925DY TP TEMIC 30V 6.1A-LPL
RESISTORs				
		RA600	ORRZVTA001A	MNR-14-E0A-J-101 R OHM 100
		RA601	ORRZVTA001A	MNR-14-E0A-J-101 R OHM 100
		RA602	ORRZVTA001A	MNR-14-E0A-J-101 R OHM 100
		RA603	ORRZVTA001A	MNR-14-E0A-J-101 R OHM 100
		RA604	ORRZVTA001A	MNR-14-E0A-J-101 R OHM 100
		RA605	ORRZVTA001A	MNR-14-E0A-J-101 R OHM 100
		C333	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		C338	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		C339	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R10	ORH3301D622	3.3K OHM 1 / 10 W 2012 5.00
		R1001	ORH0562D622	56 OHM 1 / 10 W 2012 5.00%
		R1002	ORH1501D622	1.5K OHM 1 / 10 W 2012 5.00
		R1003	ORH8200D622	820 OHM 1 / 10 W 2012 5.00%
		R1004	ORH3000D622	300 OHM 1 / 10 W 2012 5.00%
		R1005	ORH0682D622	68 OHM 1 / 10 W 2012 5.00%
		R1010	ORH7501D622	7.5K OHM 1 / 10 W 2012 5.00
		R1011	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R1012	ORH7502D622	75K OHM 1 / 10 W 2012 5.00%
		R1014	ORH1000D622	100 OHM 1 / 10 W 2012 5.00%
		R1026	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R338	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R339	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R342	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R343	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R348	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R349	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R352	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R353	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R354	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R355	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R363	ORH1001D622	1K OHM 1 / 10 W 2012 5.00%
		R367	ORH1001D622	1K OHM 1 / 10 W 2012 5.00%
		R373	ORH1001D622	1K OHM 1 / 10 W 2012 5.00%
		R377	ORH1001D622	1K OHM 1 / 10 W 2012 5.00%
		R379	ORH1001D622	1K OHM 1 / 10 W 2012 5.00%
		R381	ORH1001D622	1K OHM 1 / 10 W 2012 5.00%
		R383	ORH1001D622	1K OHM 1 / 10 W 2012 5.00%
		R394	ORH6800D622	680 OHM 1 / 10 W 5% D R/TP
		R395	ORH6800D622	680 OHM 1 / 10 W 5% D R/TP
		R4000	ORH1003D622	100K OHM 1 / 10 W 2012 5.00
		R4001	ORH1003D622	100K OHM 1 / 10 W 2012 5.00
		R4002	ORH4700D622	470 OHM 1 / 10 W 2012 5.00%
		R4003	ORH4700D622	470 OHM 1 / 10 W 2012 5.00%
		R4004	ORH0472D622	47 OHM 1 / 10 W 2012 5.00%
		R4008	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R4010	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R4012	ORH4700D622	470 OHM 1 / 10 W 2012 5.00%
		R4025	ORH0472D622	47 OHM 1 / 10 W 2012 5.00%
		R4026	ORH4700D622	470 OHM 1 / 10 W 2012 5.00%
		R44	ORH1000D622	100 OHM 1 / 10 W 2012 5.00%
		R45	ORH1000D622	100 OHM 1 / 10 W 2012 5.00%
		R46	ORH1001D622	1K OHM 1 / 10 W 2012 5.00%
		R5006	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R5008	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R5014	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R502	ORH3301D622	3.3K OHM 1 / 10 W 2012 5.00
		R505	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R506	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R516	ORH0222D622	22 OHM 1 / 10 W 2012 5.00%
		R517	ORH0222D622	22 OHM 1 / 10 W 2012 5.00%
		R519	ORH0222D622	22 OHM 1 / 10 W 2012 5.00%
		R520	ORH1800D622	180 OHM 1 / 10 W 2012 5.00%
		R527	ORH4701D622	4.7K OHM 1 / 10 W 2012 5.00
		R530	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R532	ORH0222D622	22 OHM 1 / 10 W 2012 5.00%
		R607	ORH1000D622	100 OHM 1 / 10 W 2012 5.00%
		R610	ORH2701D622	2.7K OHM 1 / 10 W 2012 5.00
		R700	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R703	ORH4701D622	4.7K OHM 1 / 10 W 2012 5.00
		R705	ORH4701D622	4.7K OHM 1 / 10 W 2012 5.00
		R712	ORH0752D622	75 OHM 1 / 10 W 2012 5.00%
		R713	ORH0752D622	75 OHM 1 / 10 W 2012 5.00%
		R715	ORH1202D622	12K OHM 1 / 10 W 2012 5.00%
		R716	ORH0752D622	75 OHM 1 / 10 W 2012 5.00%
		R719	ORH1502D622	15K OHM 1 / 10 W 2012 5.00%
		R725	ORH1000D622	100 OHM 1 / 10 W 2012 5.00%
		R726	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R729	ORH1000D622	100 OHM 1 / 10 W 2012 5.00%
		R730	ORH1000D622	100 OHM 1 / 10 W 2012 5.00%
		R732	ORH1001D622	1K OHM 1 / 10 W 2012 5.00%
		R737	ORH4701D622	4.7K OHM 1 / 10 W 2012 5.00
		R738	ORH4701D622	4.7K OHM 1 / 10 W 2012 5.00

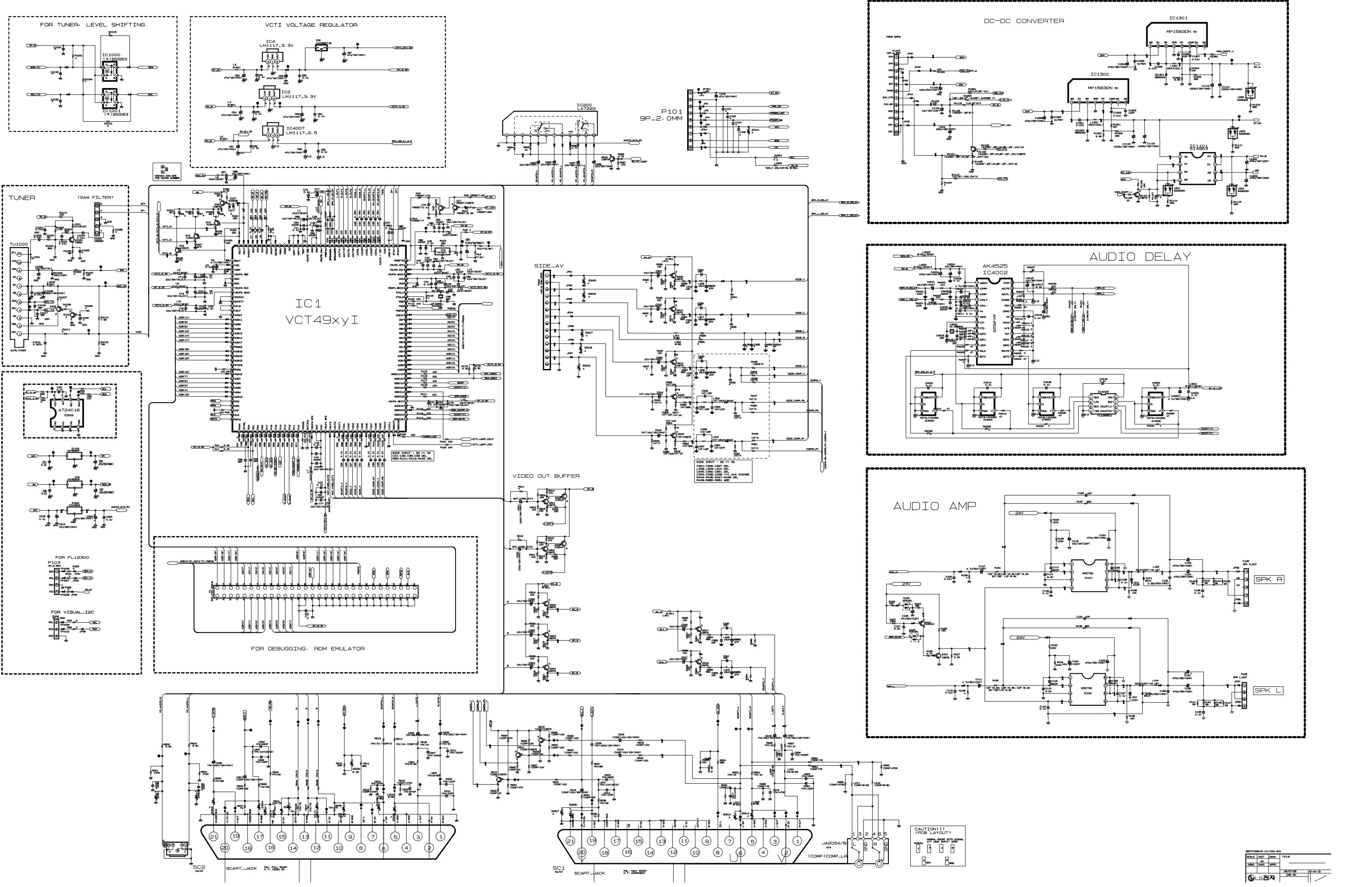
DATE: 2005. 09.19.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R752	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R753	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R755	ORH0102D622	10 OHM 1 / 10 W 2012 5.00%
		R756	ORH0102D622	10 OHM 1 / 10 W 2012 5.00%
		R760	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R761	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R802	ORH8200D622	820 OHM 1 / 10 W 2012 5.00%
		R803	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R805	ORH0752D622	75 OHM 1 / 10 W 2012 5.00%
		R806	ORH4700D622	470 OHM 1 / 10 W 2012 5.00%
		R809	ORH0102D622	10 OHM 1 / 10 W 2012 5.00%
		R83	ORH1000D622	100 OHM 1 / 10 W 2012 5.00%
		R85	ORH1000D622	100 OHM 1 / 10 W 2012 5.00%
		R850	ORH4701D622	4.7K OHM 1 / 10 W 2012 5.00
		R851	ORH4701D622	4.7K OHM 1 / 10 W 2012 5.00
		R854	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R87	ORH1000D622	100 OHM 1 / 10 W 2012 5.00%
		R89	ORH1000D622	100 OHM 1 / 10 W 2012 5.00%
		R903	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D-LPL
		R930	ORH3301D622	3.3K OHM 1 / 10 W 2012 5.00
		R931	ORH3301D622	3.3K OHM 1 / 10 W 2012 5.00
		R941	ORH1000D622	100 OHM 1 / 10 W 2012 5.00%
		R960	ORH1000D622	100 OHM 1 / 10 W 2012 5.00%
		R963	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%
		R964	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D
		R969	ORH1202D622	12K OHM 1 / 10 W 2012 5.00%-LPL
		R971	ORH1502D622	15K OHM 1 / 10 W 2012 5.00%-LPL
		R973	ORH1202D622	12K OHM 1 / 10 W 2012 5.00%-AUO
		R974	ORH4701D622	4.7K OHM 1 / 10 W 2012 5.00-LPL
		R976	ORH4701D622	4.7K OHM 1 / 10 W 2012 5.00-AUO
		R977	ORH4701D622	4.7K OHM 1 / 10 W 2012 5.00
		R978	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D-LPL
		R980	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D-AUO
		R981	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP-AUO
		R982	ORJ6801D477	6.8K OHM 1/10 W 1% 1608 R/T-AUO
		R983	ORH1002D622	10K OHM 1 / 10 W 2012 5.00%-AUO
		R984	ORJ2202D477	22K OHM 1/10 W 1% 1608 R/TP-AUO
		R998	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D-AUO
		R999	ORH0000D622	0 OHM 1 / 10 W 2012 5.00% D-LPL
		R100	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R1013	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R1015	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R102	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R1027	ORJ1202D677	12K OHM 1/10 W 5% 1608 R/TP
		R1028	ORJ2200D677	220 OHM 1/10 W 5% 1608 R/TP
		R108	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R109	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R110	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R1109	ORJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R111	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R112	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R113	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R114	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R115	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R116	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R117	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R120	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R121	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R122	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R123	ORJ2202D677	22K OHM 1/10 W 5% 1608 R/TP
		R124	ORJ1500D677	150 OHM 1/10 W 5% 1608 R/TP
		R125	ORJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R127	ORJ3301D677	3.3K OHM 1/10 W 5% 1608 R/T
		R130	ORJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R1300	ORJ6801D477	6.8K OHM 1/10 W 1% 1608 R/T
		R1302	ORJ2202D477	22K OHM 1/10 W 1% 1608 R/TP
		R1303	ORJ6801D477	6.8K OHM 1/10 W 1% 1608 R/T
		R1305	ORJ2202D477	22K OHM 1/10 W 1% 1608 R/TP
		R131	ORJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R136	ORJ8202D677	82K OHM 1/10 W 5% 1608 R/TP
		R137	ORJ8202D677	82K OHM 1/10 W 5% 1608 R/TP
		R138	ORJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R139	ORJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R15	ORJ4700D677	470 OHM 1/10 W 5% 1608 R/TP
		R1500	ORJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R152	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R153	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R155	ORJ2700D677	270 OHM 1/10 W 5% 1608 R/TP
		R157	ORJ2700D677	270 OHM 1/10 W 5% 1608 R/TP
		R159	ORJ2700D677	270 OHM 1/10 W 5% 1608 R/TP
		R16	ORJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R160	ORJ1500D677	150 OHM 1/10 W 5% 1608 R/TP
		R161	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R163	ORJ1500D677	150 OHM 1/10 W 5% 1608 R/TP
		R164	ORJ1500D677	150 OHM 1/10 W 5% 1608 R/TP
		R17	ORJ2202D677	22K OHM 1/10 W 5% 1608 R/TP
		R173	ORJ3301D677	3.3K OHM 1/10 W 5% 1608 R/T
		R175	ORJ3301D677	3.3K OHM 1/10 W 5% 1608 R/T
		R18	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R205	ORJ0682D677	68 OHM 1/10 W 5% 1608 R/TP
		R207	ORJ0752D677	75 OHM 1/10 W 5% 1608 R/TP
		R209	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R210	ORJ2402D677	24K OHM 1/10 W 5% 1608 R/TP
		R211	ORJ5602D477	56K OHM 1/10 W 1% 1608 R/TP
		R213	ORJ0752D677	75 OHM 1/10 W 5% 1608 R/TP
		R214	ORJ0752D677	75 OHM 1/10 W 5% 1608 R/TP
		R218	ORJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R220	ORJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R237	ORJ0682D677	68 OHM 1/10 W 5% 1608 R/TP
		R238	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R239	ORJ0752D677	75 OHM 1/10 W 5% 1608 R/TP
		R240	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R241	ORJ0752D677	75 OHM 1/10 W 5% 1608 R/TP
		R244	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R245	ORJ0752D677	75 OHM 1/10 W 5% 1608 R/TP
		R246	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R247	ORJ0752D677	75 OHM 1/10 W 5% 1608 R/TP
		R248	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R249	ORJ0752D677	75 OHM 1/10 W 5% 1608 R/TP
		R250	ORJ2402D677	24K OHM 1/10 W 5% 1608 R/TP
		R251	ORJ5602D477	56K OHM 1/10 W 1% 1608 R/TP
		R253	ORJ1501D677	1.5K OHM 1/10 W 5% 1608 R/T
		R254	ORJ1501D677	1.5K OHM 1/10 W 5% 1608 R/T
		R256	ORJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R257	ORJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R303	ORJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R317	ORJ2700D677	270 OHM 1/10 W 5% 1608 R/TP
		R319	ORJ2700D677	270 OHM 1/10 W 5% 1608 R/TP
		R321	ORJ2700D677	270 OHM 1/10 W 5% 1608 R/TP
		R323	ORJ1500D677	150 OHM 1/10 W 5% 1608 R/TP
		R326	ORJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R329	ORJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R34	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R35	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R356	ORJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R357	ORJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R358	ORJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R359	ORJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R385	ORJ6800D677	680 OHM 1/10 W 5% 1608 R/TP
		R387	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R390	ORJ6800D677	680 OHM 1/10 W 5% 1608 R/TP
		R392	ORJ6800D677	680 OHM 1/10 W 5% 1608 R/TP
		R393	ORJ6800D677	680 OHM 1/10 W 5% 1608 R/TP
		R4005	ORJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R4006	ORJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R4015	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R4016	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R4019	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R4020	ORJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R4022	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R4023	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R4024	ORJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R4027	ORJ3001D677	3K OHM 1/10 W 5% 1608 R/TP
		R4032	ORJ4700D677	470 OHM 1/10 W 5% 1608 R/TP
		R4033	ORJ4700D677	470 OHM 1/10 W 5% 1608 R/TP
		R449	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R450	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R451	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R47	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R48	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R50	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R500	ORJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R5002	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R5007	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R5009	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R501	ORJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R5013	ORJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R5015	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R5016	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R5017	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R5019	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R5020	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R5021	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R504	ORJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R51	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R515	ORJ4703D677	470K OHM 1/10 W 5% 1608 R/TP
		R52	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R521	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R522	ORJ0332D677	33 OHM 1/10 W 5% 1608 R/TP
		R523	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R524	ORJ0332D677	33 OHM 1/10 W 5% 1608 R/TP
		R525	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R526	ORJ0332D677	33 OHM 1/10 W 5% 1608 R/TP
		R528	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R529	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R53	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R533	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R534	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R54	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R55	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R56	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R57	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R58	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R59	ORJ1211D477	1.21K OHM 1/10 W 1% 1608 R/
		R60	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R600	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP

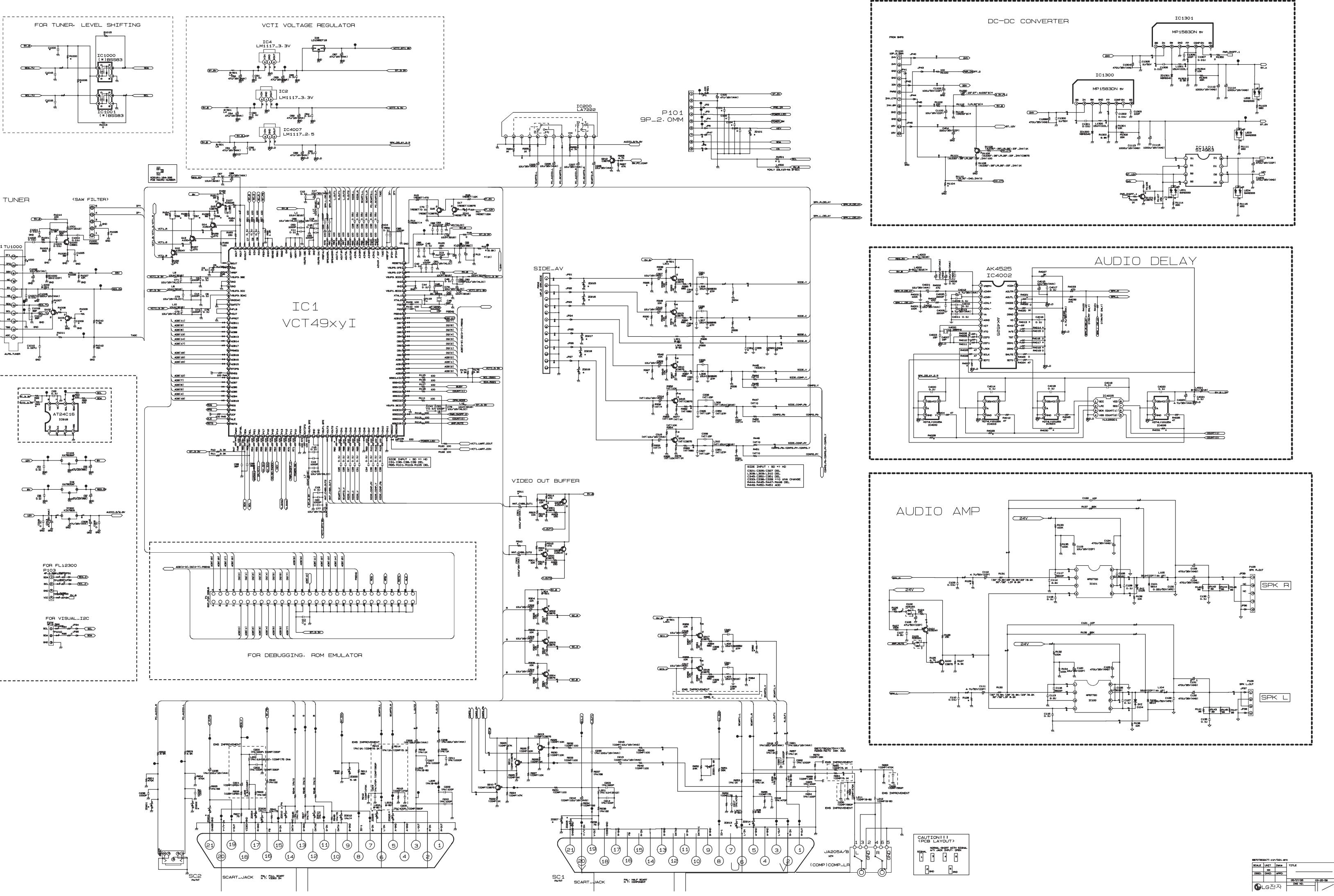
DATE: 2005. 09.19.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R601	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R602	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R603	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R604	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R606	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R608	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R609	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R62	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R64	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R66	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R68	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R70	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R701	ORJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R702	ORJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R706	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R71	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R711	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R717	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R718	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R72	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R720	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R721	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R722	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R727	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R728	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R73	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R731	ORJ4701D677	4.7K OHM 1/10 W 5% 1608 R/T
		R739	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R740	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R751	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R754	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R757	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R758	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R759	ORJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R79	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R800	ORJ0752D677	75 OHM 1/10 W 5% 1608 R/TP
		R801	ORJ0752D677	75 OHM 1/10 W 5% 1608 R/TP
		R807	ORJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R808	ORJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R81	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R852	ORJ4701D677	4.7K OHM 1/10 W 5% 1608 R/T
		R853	ORJ4701D677	4.7K OHM 1/10 W 5% 1608 R/T
		R855	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R856	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R86	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R88	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R90	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R901	ORJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R902	ORJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R904	ORJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R906	ORJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R908	ORJ0822D677	82 OHM 1/10 W 5% 1608 R/TP
		R909	ORJ0822D677	82 OHM 1/10 W 5% 1608 R/TP
		R910	ORJ0822D677	82 OHM 1/10 W 5% 1608 R/TP
		R913	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R914	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R915	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R916	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R917	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R918	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R919	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R92	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
DATE: 2005. 09.19.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R920	ORJ4990D477	499 OHM 1/10 W 1% 1608 R/TP
		R921	ORJ4990D477	499 OHM 1/10 W 1% 1608 R/TP
		R923	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R924	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R925	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R926	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R927	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R928	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R929	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R93	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R933	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R934	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R935	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R936	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R937	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R938	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R939	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R94	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R940	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R942	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R943	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R944	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R945	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R946	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R947	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R948	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R949	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R950	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R952	ORJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R953	ORJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R96	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R965	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R966	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R967	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R968	ORJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R970	ORJ1001D677	1K OHM 1/10 W 5% 1608 R/TP-LPL
		R972	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R975	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R98	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R99	ORJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
OTHERs				
		X4000	6202TTB001G	HC-49U SUNNY 12.288MHZ +/-
		X11	6202VDT002E	SX-1SMD SUNNY RADIAL 202500
		X500	6202VDT002J	SX-1 SUNNY 13.500000MHZ +/-
		X900	6202VDT002B	SX-1 SUNNY SC14.3MHZ +/- 30
		IC900	6620F00017A	CCSD-32T-SM WOYOUNG 32P PL
		TU1000	6700VS0003E	TAEW-G053D LGIT MULTI VS PA
IR BOARD				
		C1500	OCN1040K949	"0.1UF D 50V 80%, -20% F(Y5V)"
		L1500	OLA0102K119	10UH K 2.3*3.4 TP
		IR1500	6712000013A	TSOP4438SO1 VISHAY 38KHZ AN
CONTROL BOARD				
		L1700	OLA0102K119	10UH K 2.3*3.4 TP
		R1700	ORN8200F409	820 1/6W 1% TA52
		R1701	ORN6200F409	620 1/6W 1% TA52
		R1702	ORN5100F409	510 OHM 1/6 W 1.00% TA52

DATE: 2005. 09.19.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R1703	ORN4300F409	430 OHM 1/6 W 1.00% TA52
		R1704	ORN3300F409	330 1/6W 1% TA52
		R1705	ORN2700F409	270 1/6W 1% TA52
		R1706	ORN2701F409	2.7K OHM 1/6 W 1.00% TA52
		SW1700	140-313A	TACT 2LEAD 100G(TA) LG C&D
		SW1701	140-313A	TACT 2LEAD 100G(TA) LG C&D
		SW1702	140-313A	TACT 2LEAD 100G(TA) LG C&D
		SW1703	140-313A	TACT 2LEAD 100G(TA) LG C&D
		SW1704	140-313A	TACT 2LEAD 100G(TA) LG C&D
		SW1705	140-313A	TACT 2LEAD 100G(TA) LG C&D
		SW1706	140-313A	TACT 2LEAD 100G(TA) LG C&D
LED&P/SW BOARD				
		C1600	OCN1040K949	"0.1UF D 50V 80%,-20% F(Y5V)"
		L1600	OLA0102K119	10UH K 2.3*3.4 TP
		Q1601	OTR319809AA	KTC3198(KTC1815) KEC TP TO9
		Q1602	OTR319809AA	KTC3198(KTC1815) KEC TP TO9
		Q1603	OTR319809AA	KTC3198(KTC1815) KEC TP TO9
		R1600	ORD3301Q609	3.30K 1/4W(3.5% TA52
		R1601	ORD2701Q609	2.7K OHM 1/4 W(3.4) 5.00% T
		R1602	ORD2700Q609	270 1/4W(3.5% TA52
		R1603	ORD1001Q609	1K OHM 1/4 W(3.4) 5.00% TA5
		R1604	ORD1001Q609	1K OHM 1/4 W(3.4) 5.00% TA5
		R1605	ORD1001Q609	1K OHM 1/4 W(3.4) 5.00% TA5
		R1606	ORD1500Q609	150 1/4W(3.5% TA52
		SW1600	140-313A	TACT 2LEAD 100G(TA) LG C&D
		LED1600	ODLBE0128AA	BRIGHT LED ELECTRONICS BL-B
SIDE A/V BOARD				
		C2006	OCN4710K519	470PF D 50V 10% B(Y5P) TA52
		C2007	OCN4710K519	470PF D 50V 10% B(Y5P) TA52
		R2001	ORD0752Q609	75 1/4W(3.5% TA52
		R2002	ORD0752Q609	75 1/4W(3.5% TA52
		R2003	ORD0752Q609	75 1/4W(3.5% TA52
		R2004	ORD0752Q609	75 1/4W(3.5% TA52
		R2005	ORD0752Q609	75 1/4W(3.5% TA52
		R2006	ORD4703Q609	470K 1/4W(3.5% TA52
		R2007	ORD4703Q609	470K 1/4W(3.5% TA52

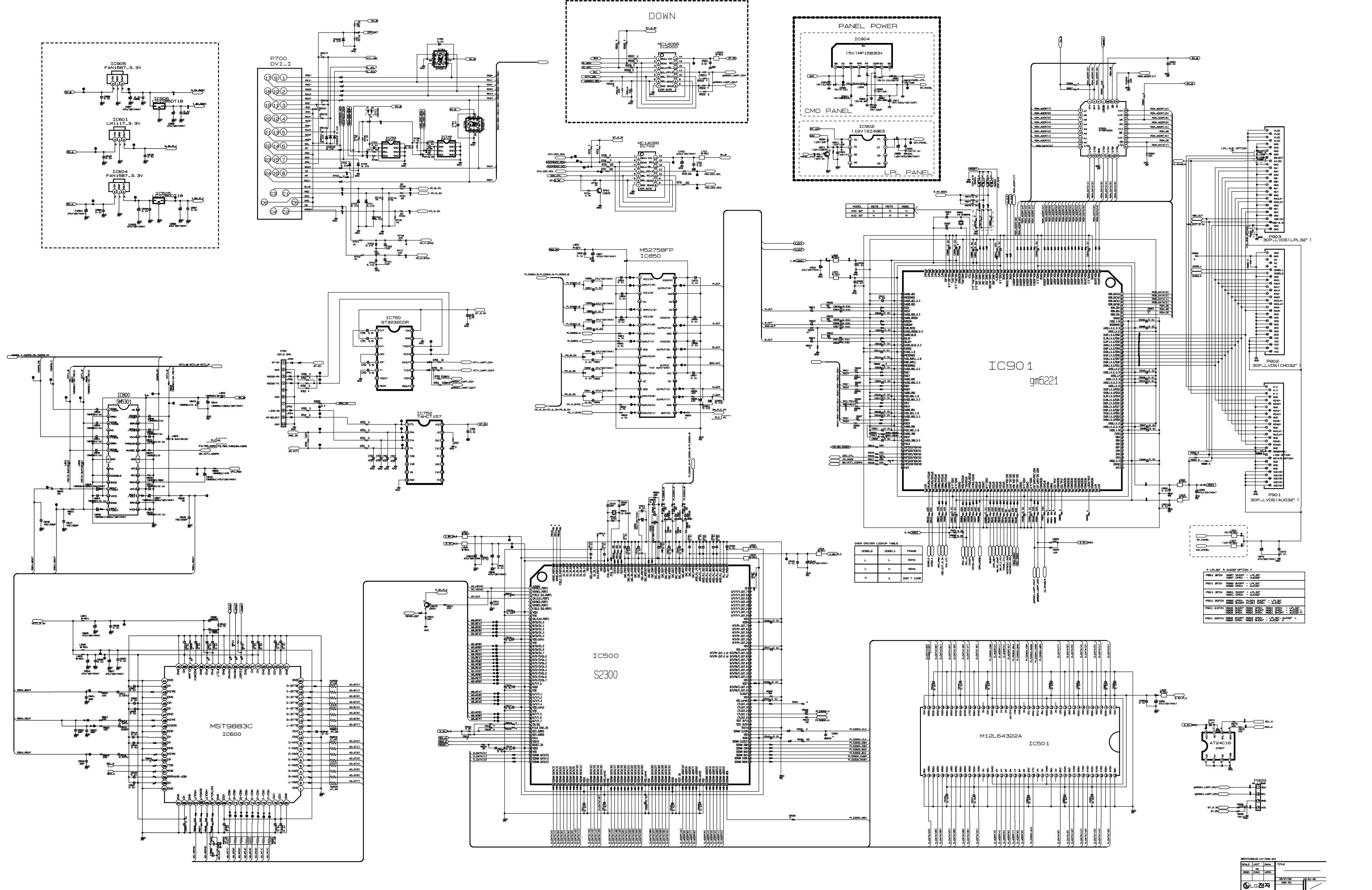
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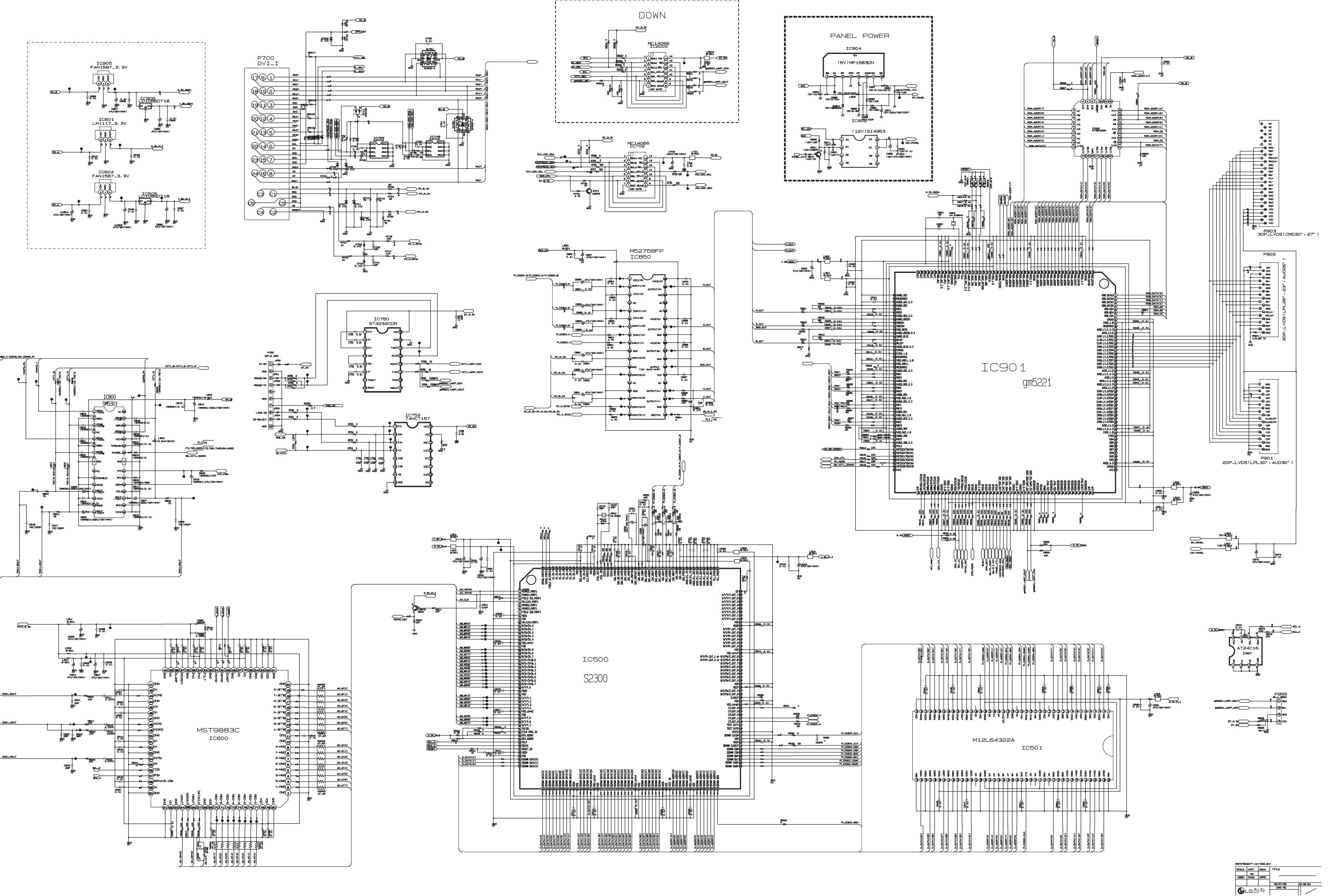
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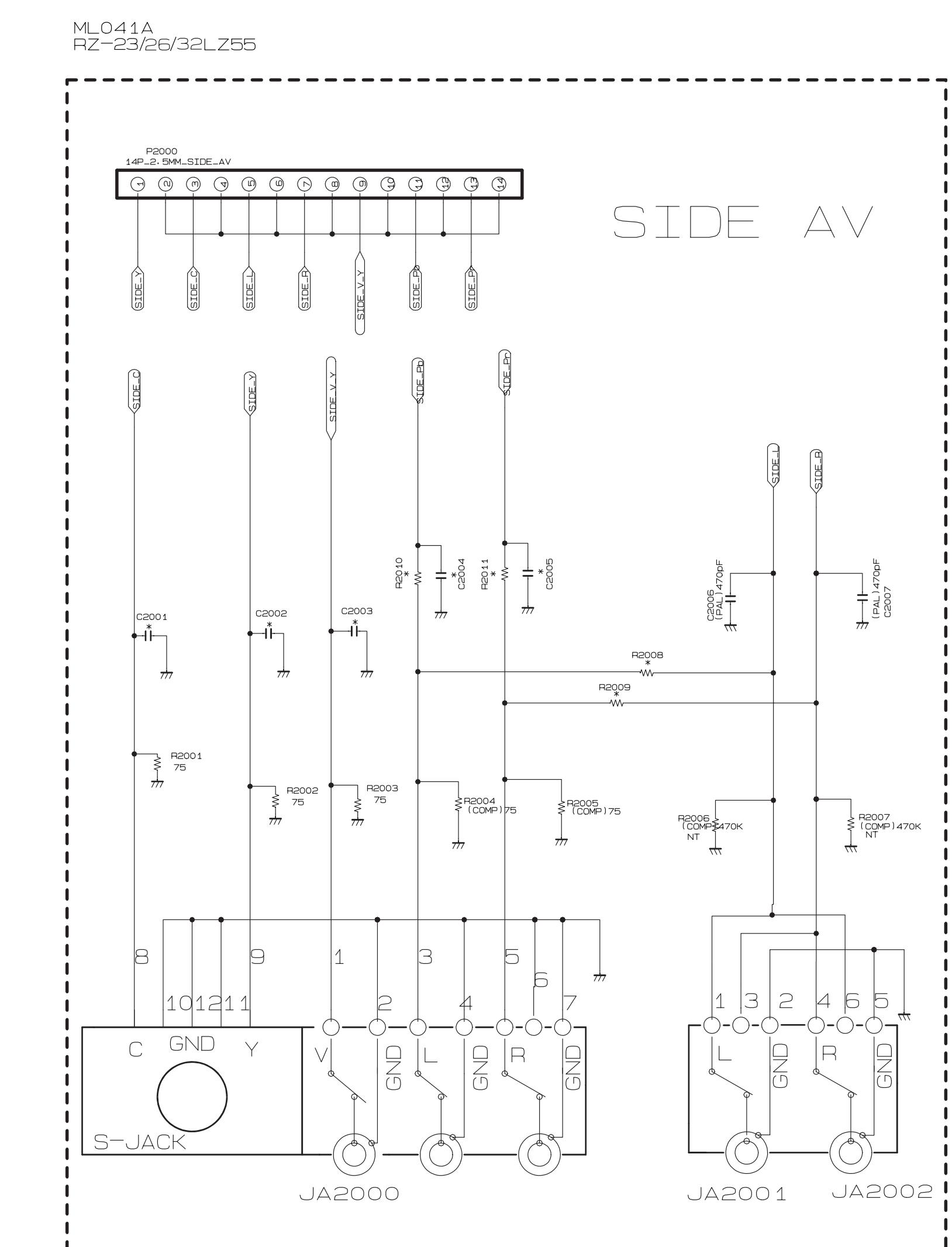
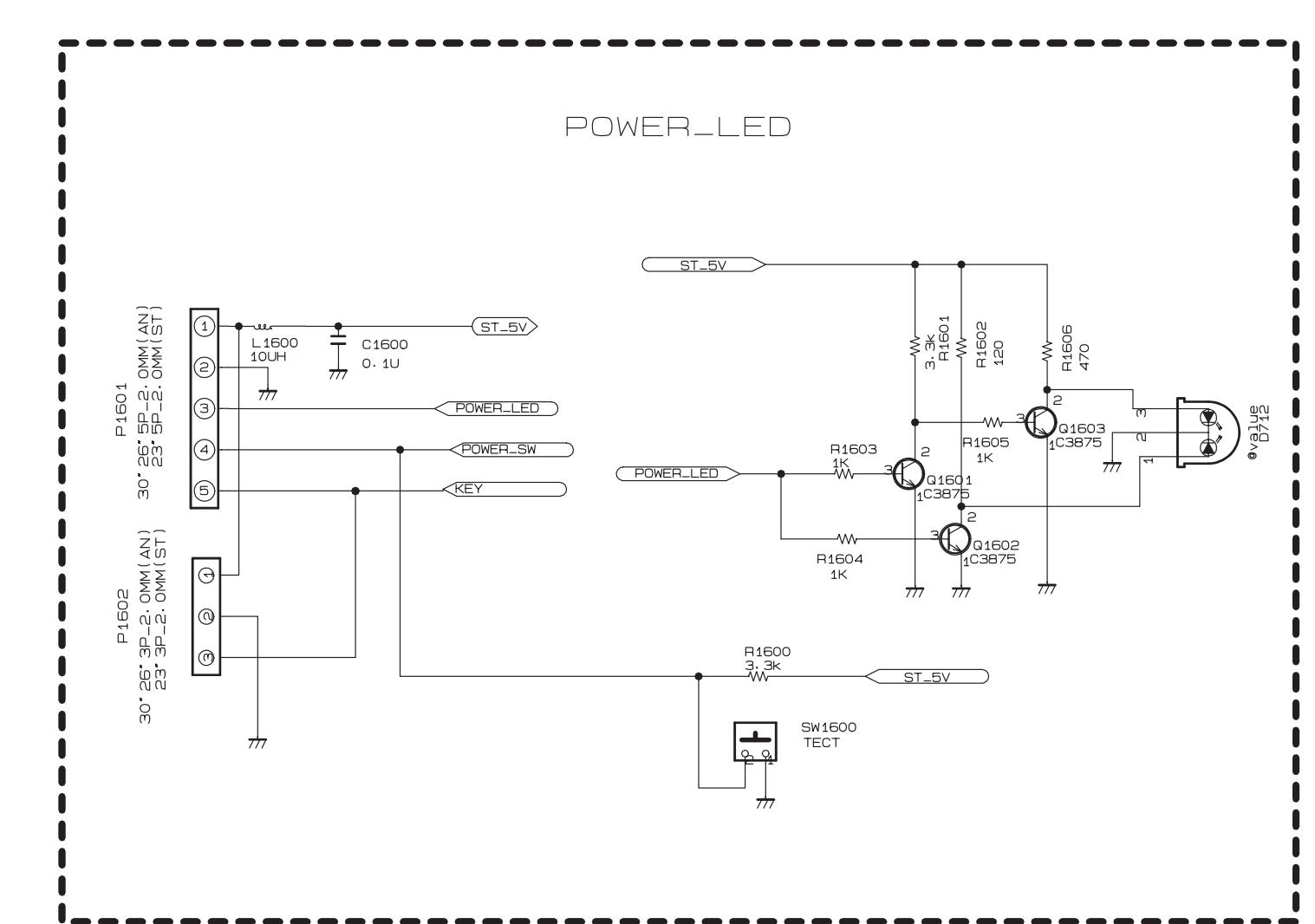
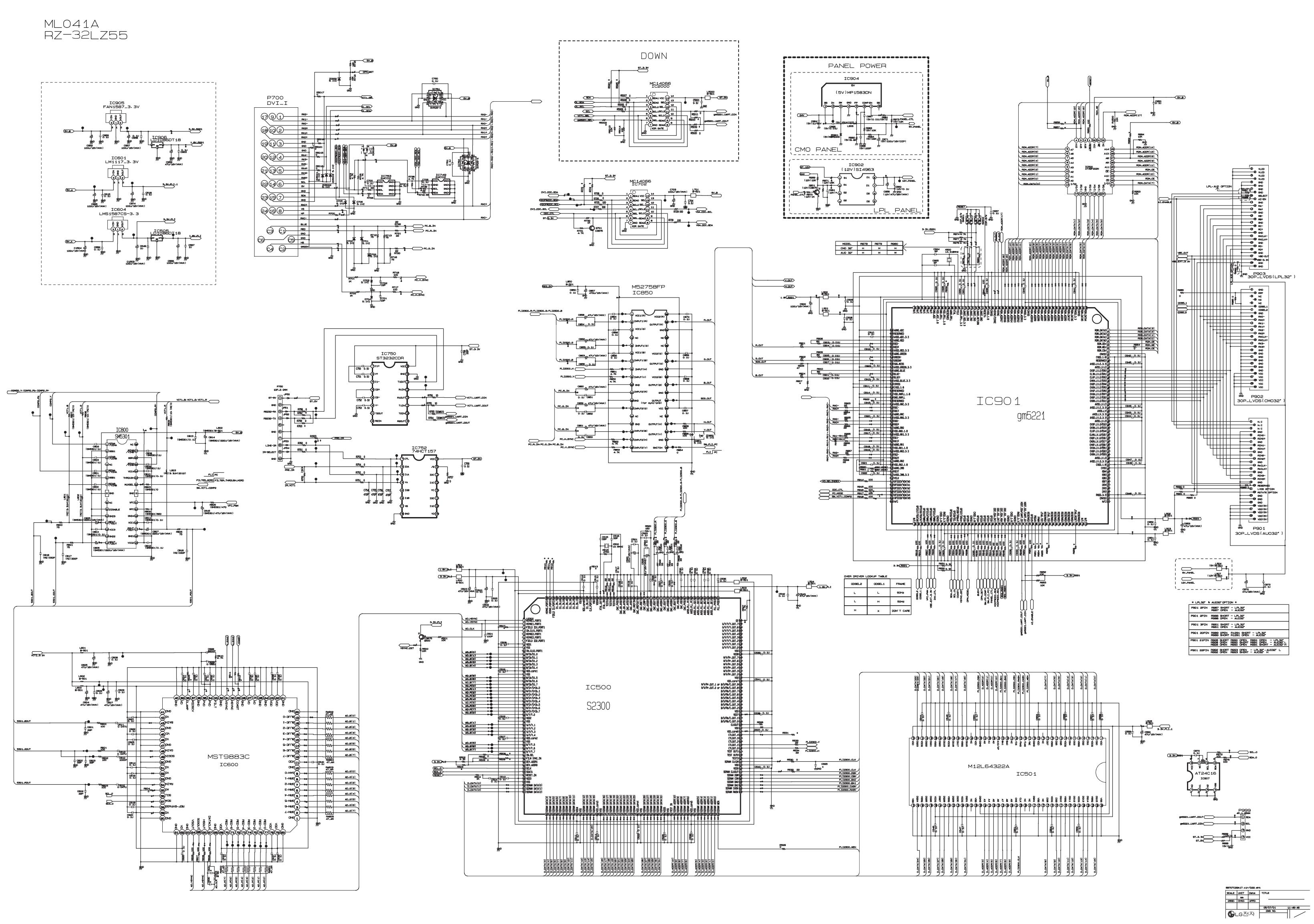
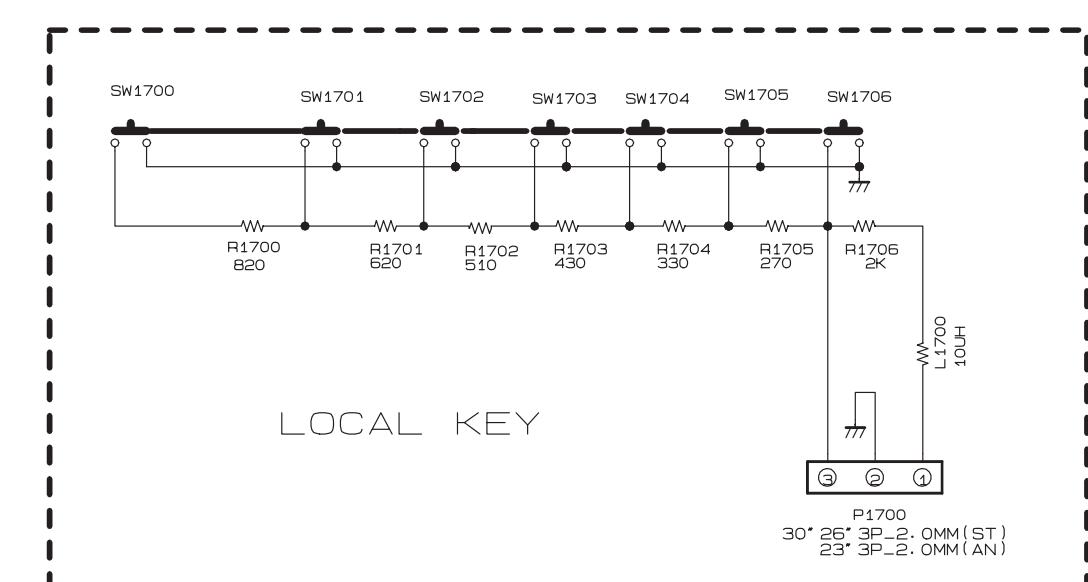
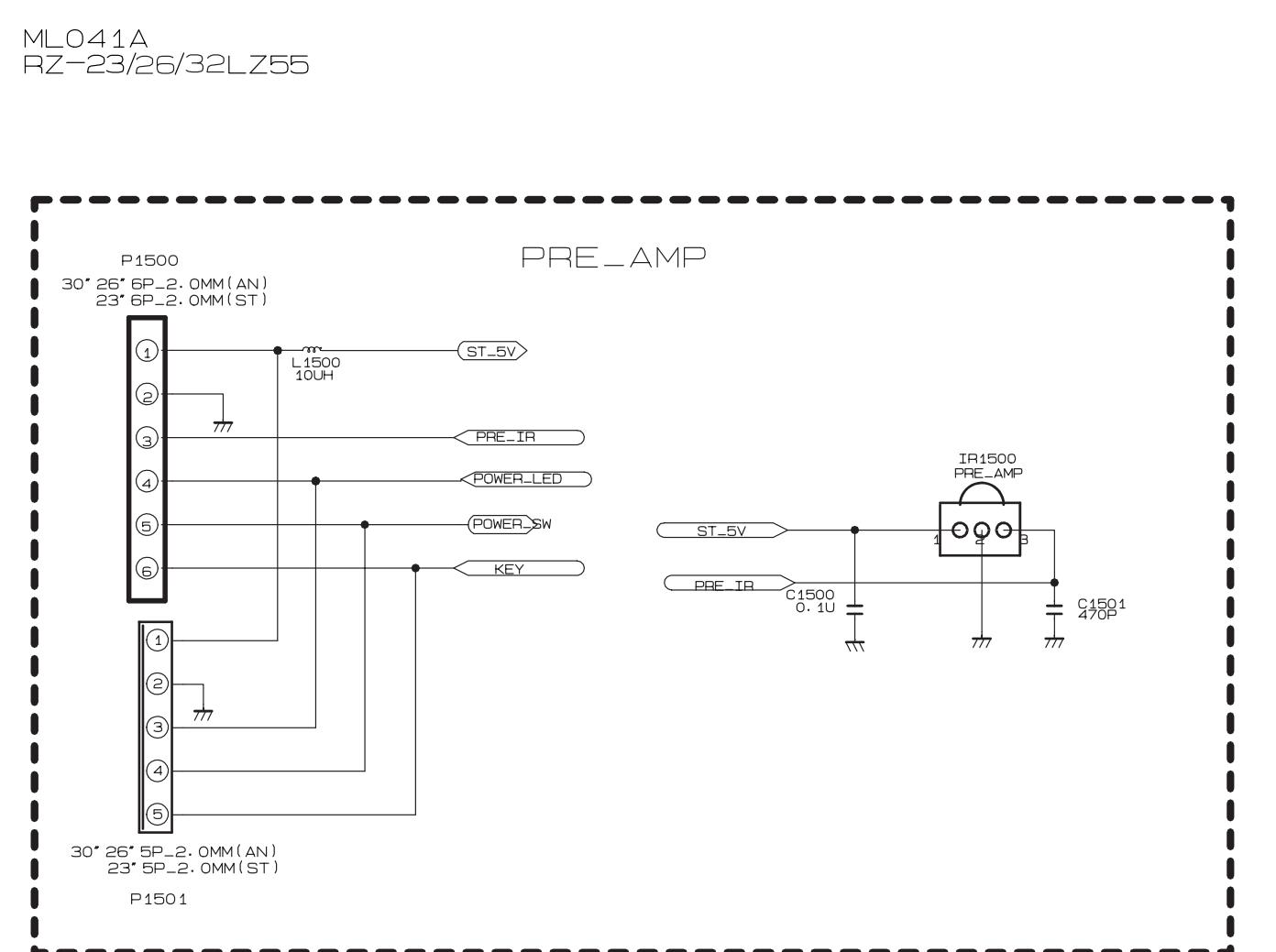
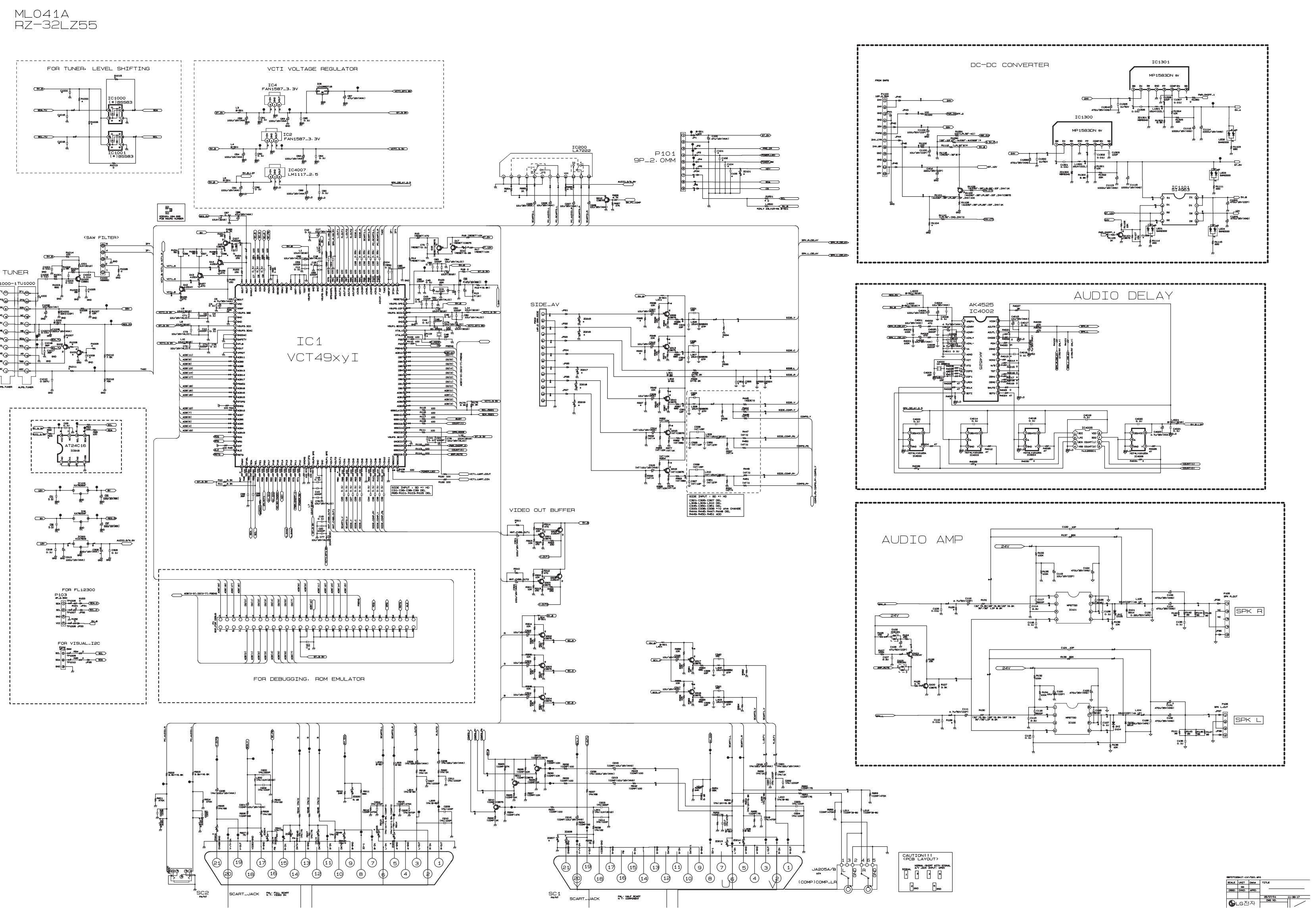


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