User's Guide Specification

담 당	관 리 자
KIM YUN-JIN 03.09.04	Smile Son 03.09.04

1. Model Description

MODEL	LHX73L/LHX93L	BRAND	SONY	Part No.	3828TSO059L
SUFFIX	AUEUB/AFEUB	Product Name	SDM-HX73, SDM-HX93		

2. Printing Specification

1. Trim Size (Format) : 215mm x 280 mm

2. Printing Colors
• Cover : Gray
• Inside : Blac

3. Stock (Paper)
• Cover : Uncoated paper 150 g/㎡
• Inside : Uncoated paper 100 g/㎡

4. Printing Method :
5. Bindery : Saddle stitch
6. Language : English
7. Number of pages : 39(Including blank 2pages)

3. Special Instructions

(1) Origin Notification
* LGEDI : Printed in Indonesia
* LGESP : Printed in Brazil
* LGENT : Printed in China
* LGEWA : Printed in U.K.
* LGEMX : Printed in Mexico
* LGEIL : Printed in India

4. Changes

REV. NO.	MM/DD/YY	SIGNATURE	CHANGE NO.	CHANGE CONTENTS
△8				
△7				
△6				
△5				
△4				
△3				
△2				
△1				

Pagination sheet

P/NO.3828TS0059L
Total pages : 39pages

Front Cover	Front cover inside	English	English	English	English	English	English	English	English
	2	3	**4**	**5**	…….	…..	**36**	**37**	

Blank page	Rear Cover Inside	Rear Cover
(Blank)	**(Blank)**	

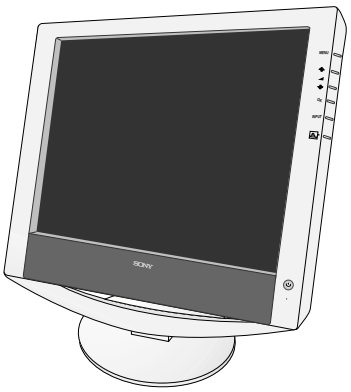
COLOR MONITOR
SERVICE MANUAL

CHASSIS NO. : CL-53

MODEL: SDM-HX73, SDM-HX93

CAUTION

BEFORE SERVICING THE UNIT,
READ THE **SAFETY PRECAUTIONS** IN THIS MANUAL.



CONTENTS

SPECIFICATIONS

1. LCD CHARACTERISTICS

Type	: TFT Color LCD Module
Size	: 17 inch**(SDM-HX73)**
	19 inch**(SDM-HX93)**
Pixel Pitch	: 0.264 (H) x 0.264 (V)**(SDM-HX73)**
	0.294 (H) x 0.294 (V)**(SDM-HX93)**
Color Depth	: 262K colors**(SDM-HX73)**
	16.7M colors**(SDM-HX93)**
Electrical Interface	: LVDS
Surface Treatment	: Haze 25%, Hard-coating(2H)
Operating Mode	: Normally White
Backlight Unit	: 4 CCFL **(SDM-HX73)**
	6 CCFL **(SDM-HX93)**

2. OPTICAL CHARACTERISTICS

2-1. Viewing Angle by Contrast Ratio ≥ 10

(SDM-HX73)

Left : -60° min., -70°(Typ) Right : +60° min., +70°(Typ)
Top :+60° min., +70°(Typ) Bottom : -60°min., -70°(Typ)

(SDM-HX93)

Left : -85° min. Right : +85° min.
Top :+85° min. Bottom : -85°min.

2-2. Luminance : 320(min), 370(Typ) **(SDM-HX73)**
: 310(min), 360(Typ) **(SDM-HX93)**

2-3. Contrast Ratio : 250(min), 450(Typ) **(SDM-HX73)**
: 400(min), 600(Typ) **(SDM-HX93)**

3. SIGNAL (Refer to the Timing Chart)

3-1. Sync Signal

• Type : Separate Sync,
Composite Sync, Digital

3-2. Video Input Signal

1) Type	: R, G, B Analog
2) Voltage Level	: 0~0.71 V
a) Color 0, 0	: 0 Vp-p
b) Color 7, 0	: 0.467 Vp-p
c) Color 15, 0	: 0.714 Vp-p
3) Input Impedance	: 75 Ω

3-3. Operating Frequency

Horizontal	: 28 ~ 80kHz (Digital: ~64kHz)
Vertical	: 48 ~ 75Hz (Digital: 60Hz)

4. Max. Resolution

Analog	: 1280 x 1024 / 75Hz
Digital	: 1280 x 1024 / 60Hz

5. POWER SUPPLY

5-1. Power : AC 100~240V, 50/60Hz , 1.0A

5-2. Power Consumption

MODE	H/V SYNC	VIDEO	POWER CONSUMPTION	LED COLOR
POWER ON (NORMAL)	ON/ON	ACTIVE	less than 50W**(SDM-HX73)**	GREEN
	ON/ON	ACTIVE	less than 60W**(SDM-HX93)**	
STAND-BY	OFF/ON	OFF	less than 1W	AMBER
SUSPEND	ON/OFF	OFF	less than 1W	AMBER
DPMS OFF	OFF/OFF	OFF	less than 1W	AMBER
POWER S/W OFF	-	-	less then 1W**(SDM-HX73)** - ***AUO Module***	
	-	-	less then 1W**(SDM-HX93)**	

6. ENVIRONMENT

6-1. Operating Temperature: 0°C~50°C
6-2. Relative Humidity : 5%~95% (Non-condensing)
6-3. MTBF : 50,000 Hours(Min)

7. DIMENSIONS (with TILT/SWIVEL)

(SDM-HX73)

Width	: 413.8 mm (16.3")
Depth	: 232.0 mm (9.13")
Height	: 418.3 mm (16.47")

(SDM-HX93)

Width	: 466.5 mm (18.37")
Depth	: 265.0 mm (10.43")
Height	: 468.0 mm (18.43")

8. WEIGHT (with TILT/SWIVEL)

(SDM-HX73)

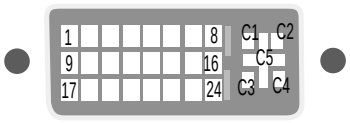
Net. Weight	: 6.5kg (14.33 lbs)
Gross Weight	: 9.0kg (19.84 lbs)

(SDM-HX93)

Net. Weight	: 8.5 kg (18.74 lbs)
Gross Weight	: 11.5kg (25.36 lbs)

Signal Connector Pin Assignment

• DVI-D Connector (Digital/Analog)



Pin	Signal (DVI-I)	Pin	Signal (DVI-I)
1	T. M. D. S. Data2-	16	Hot Plug Detect
2	T. M. D. S. Data2+	17	T. M. D. S. Data0-
3	T. M. D. S. Data2/4 Shield	18	T. M. D. S. Data0+
4	T. M. D. S. Data4-	19	T. M. D. S. Data0/5 Shield
5	T. M. D. S. Data4+	20	T. M. D. S. Data5-
6	DDC Clock	21	T. M. D. S. Data5+
7	DDC Data	22	T. M. D. S. Clock Shield
8	Analog Vertical Sync.	23	T. M. D. S. Clock+
9	T. M. D. S. Data1-	24	T. M. D. S. Clock-
10	T. M. D. S. Data1+	C1	Analog Red
11	T. M. D. S. Data1/3 Shield	C2	Analog Green
12	T. M. D. S. Data3-	C3	Analog Blue
13	T. M. D. S. Data3+	C4	Analog H. Sync.
14	+5V Power	C5	Analog Ground
15	Ground (return for +5V, H. Sync. and V. Sync.)		

T. M. D. S. (Transition Minimized Differential Signaling)

PRECAUTION

WARNING FOR THE SAFETY-RELATED COMPONENT.

- There are some special components used in LCD monitor that are important for safety. ***These parts are marked ⚠on the schematic diagram and the replacement parts list.*** It is essential that these critical parts should be replaced with the manufacturer's specified parts to prevent electric shock, fire or other hazard.
- Do not modify original design without obtaining written permission from manufacturer or you will void the original parts and labor guarantee.

TAKE CARE DURING HANDLING THE LCD MODULE WITH BACKLIGHT UNIT.

- Must mount the module using mounting holes arranged in four corners.
- Do not press on the panel, edge of the frame strongly or electric shock as this will result in damage to the screen.
- Do not scratch or press on the panel with any sharp objects, such as pencil or pen as this may result in damage to the panel.
- Protect the module from the ESD as it may damage the electronic circuit (C-MOS).
- Make certain that treatment person's body are grounded through wrist band.
- Do not leave the module in high temperature and in areas of high humidity for a long time.
- The module not be exposed to the direct sunlight.
- Avoid contact with water as it may a short circuit within the module.
- If the surface of panel become dirty, please wipe it off with a softmaterial. (Cleaning with a dirty or rough cloth may damage the panel.)

⚠ CAUTION

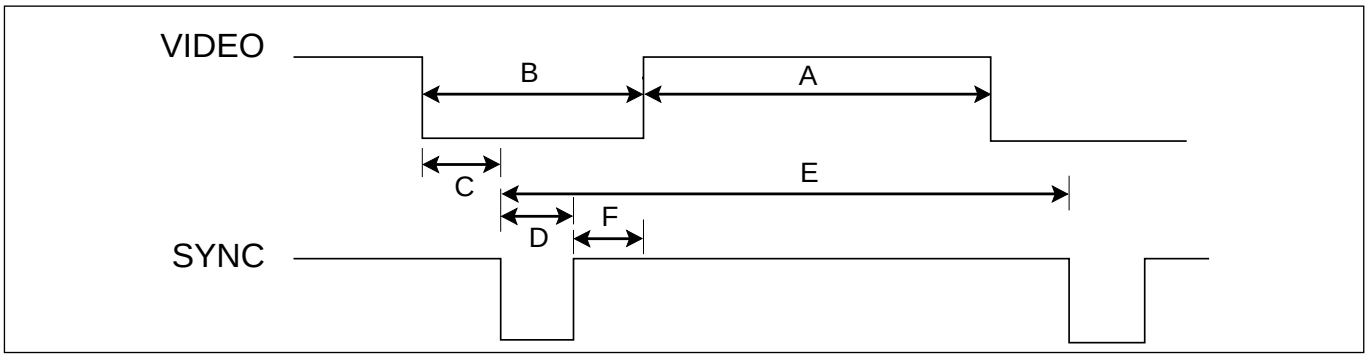
Please use only a plastic screwdriver to protect yourself from shock hazard during service operation.

⚠ WARNING

BE CAREFUL ELECTRIC SHOCK !

- If you want to replace with the new backlight (CCFL) or inverter circuit, must disconnect the AC adapter because high voltage appears at inverter circuit about 650Vrms.
- Handle with care wires or connectors of the inverter circuit. If the wires are pressed cause short and may burn or take fire.

TIMING CHART

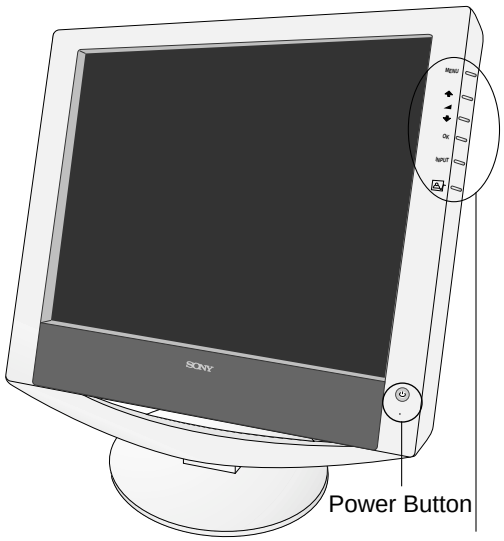


<< Dot Clock **(MHz),** Horizontal Frequency **(kHz)**, Vertical Frequency **(Hz)**, Horizontal etc... **(µs)**, Vertical etc... **(ms) >>**

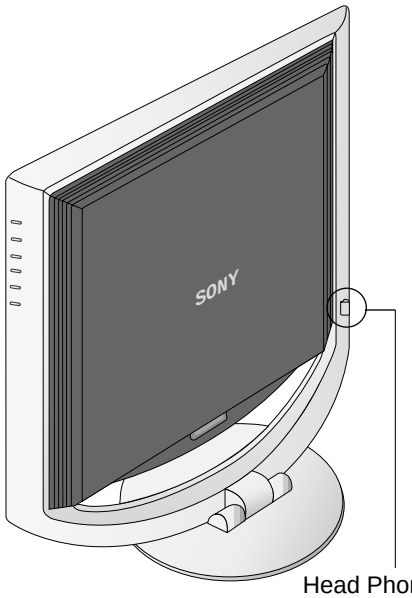
Mode	H/V Sort	Sync Polarity	Dot Clock	Frequency	Total Period (E)	Video Active Time (A)	Front Porch (C)	Sync Duration (D)	Back Porch (F)	Blanking time (B)	Resolution
1	H	–	28.350	31.500	900	720	180	108	54	18	**720x400**
	V	+		70.156Hz	449	400	49	3	34	12	**70Hz**
2	H	–	25.175	31.469	800	640	160	96	48	16	**640x480**
	V	–		59.940Hz	525	480	45	2	33	10	**60Hz**
3	H	–	30.240	35.00	864	640	224	64	96	64	**640x480**
	V	–		66.667Hz	525	480	45	3	39	3	**65Hz**
4	H	–	31.500	37.50	840	640	200	64	120	16	**640x480**
	V	–		75.0Hz	500	480	20	3	16	1	**75Hz**
5	H	–	31.505	35.162	896	720	176	40	102	34	**720x480**
	V	–		59.901Hz	587	480	107	2	93	12	**60Hz**
6	H	+-	36.000	35.156	1024	800	224	72	128	24	**800x600**
	V	+		56.250Hz	625	600	25	2	22	1	**56Hz**
7	H	+	40.000	37.879	1056	800	256	128	88	40	**800x600**
	V	+		60.317Hz	628	600	28	4	23	1	**60Hz**
8	H	+	50.000	48.077	1040	800	240	120	64	56	**800x600**
	V	+		72.188Hz	666	600	66	6	23	37	**72Hz**
9	H	+	49.500	46.875	1056	800	256	80	160	16	**800x600**
	V	+		75.0Hz	625	600	25	3	21	1	**75Hz**
10	H	–	57.285	49.727	1152	832	320	64	224	32	**832x624 (MAC16") 75Hz**
	V	–		74.553Hz	667	624	43	3	37	3	
11	H	–	65.000	48.363	1344	1024	320	136	160	24	**1024x768**
	V	–		60.004Hz	806	768	38	6	29	3	**60Hz**
12	H	–	75.000	56.476	1328	1024	304	136	144	24	**1024x768**
	V	–		70.069Hz	806	768	38	6	29	3	**70Hz**
13	H	+	78.750	60.023	1312	1024	288	96	176	16	**1024x768**
	V	+		75.029Hz	800	768	32	3	28	1	**75Hz**
14	H	–	80.000	60.241	1328	1024	304	96	176	32	**1024x768 (MAC19) 75Hz**
	V	–		74.927Hz	804	768	36	3	30	3	
15	H	+	108.000	67.500	1600	1152	448	128	256	64	**1152x864**
	V	+		75.000Hz	900	864	36	3	32	1	**75Hz**
16	H	–	100.000	68.681	1456	1152	304	128	144	32	**1152x870 (MAC21) 75Hz**
	V	–		75.062Hz	915	870	45	3	39	3	
17	H	–	92.940	61.795	1504	1152	352	128	194	30	**1152x900**
	V	–		65.950Hz	937	900	37	4	31	2	**66Hz**
18	H	–	105.590	71.732	1472	1152	320	96	208	16	**1152x900**
	V	–		76.068Hz	943	900	43	8	33	2	**75Hz**
19	H	+	46.200	31.216	1480	1170	310	129	144	37	**1170x584**
	V	+		50.026Hz	624	584	40	3	34	3	**50Hz**
20	H	+	108.000	60.000	1800	1280	520	112	312	96	**1280x960**
	V	+		60.000Hz	1000	960	40	3	36	1	**60Hz**
21	H	+	108.000	63.981	1688	1280	48	112	248	408	**1280x1024**
	V	+		60.020Hz	1066	1024	42	3	38	1	**60Hz**
22	H	+	135.000	79.976	1688	1280	408	144	248	16	**1280x1024**
	V	+		75.025Hz	1066	1024	42	3	38	1	**75Hz**

OPERATING INSTRUCTIONS

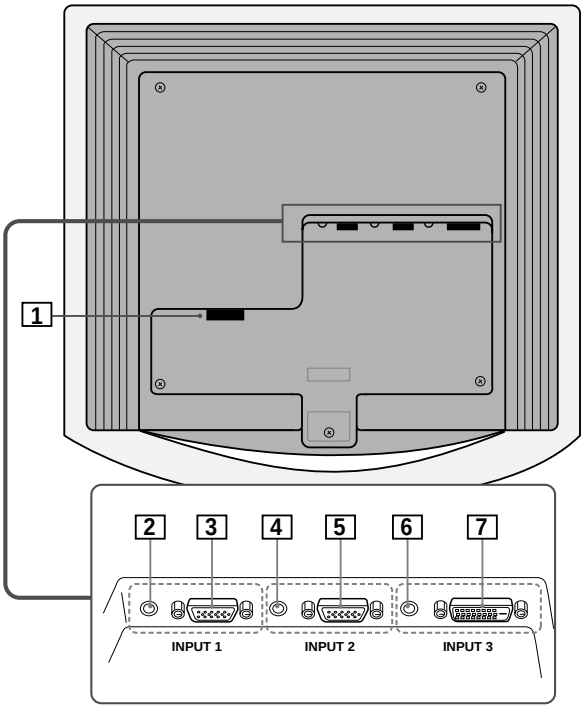
FRONT VIEW



SIDE VIEW



REAR VIEW



1. AC IN connector
This connector connects the power cord(suplied).

2. Audio input jack for INPUT1
This jack inputs audio signals when connected to the audio output jack of a computer or other audio epuipment connected to INPUT1.

3. HD15 input connector(anlog RGB) for INPUT1
This connector inputs analog RGB video signals (0.700Vp-p, positive)and sync signals.

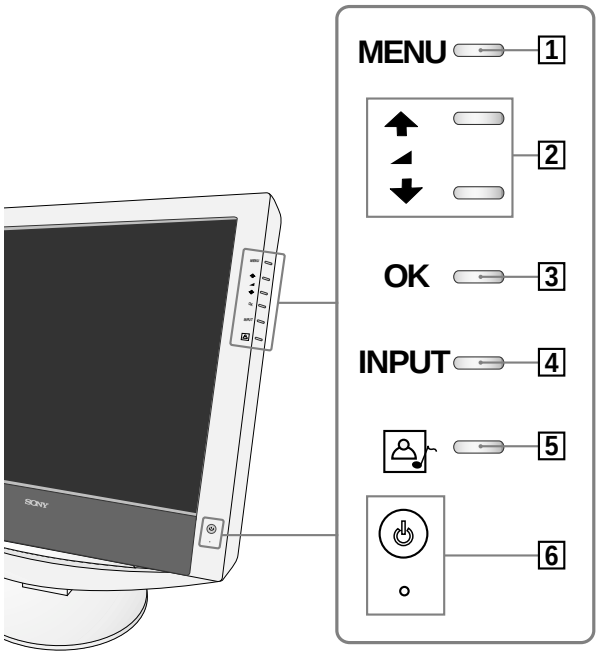
4. Audio input jack for INPUT2
This jack inputs audio signals when connected to the audio output jack of a computer or other audio epuipment connected to INPUT2.

5. HD15 input connector(anlog RGB) for INPUT2
This connector inputs analog RGB video signals (0.700Vp-p, positive)and sync signals.

6. Audio input jack for INPUT3
This jack inputs audio signals when connected to the audio output jack of a computer or other audio epuipment connected to INPUT3.

7. DVI-D input connector(digital RGB) for INPUT3
This connectot inputs digital RGB video signals that comply with DVI Rev.1.0.

Front Control Panel



1. MENU Button

This button turns the menu screen on and off.

2. ⇧/⇩ and ◿ (volume control) Buttons

These buttons are used to select the menu items and make adjustments, and also display the “Volume” menu to control the volume.

3. OK Button

This button activecfes the selected menu item and adjustments made using the ⇧/⇩ buttons(**2**).

4. INPUT Button

This button switches the video input signal between INPUT1, INPUT2 and INPUT3 when two computers are connected to the monitor.

5. Button

Use these buttons to choose or adjust items in the On Screen Display.

- MOVIE: For viewing movies
- PC: For viewing PC
- GAME: For viewing GAME
- AUTO: For viewing AUTO

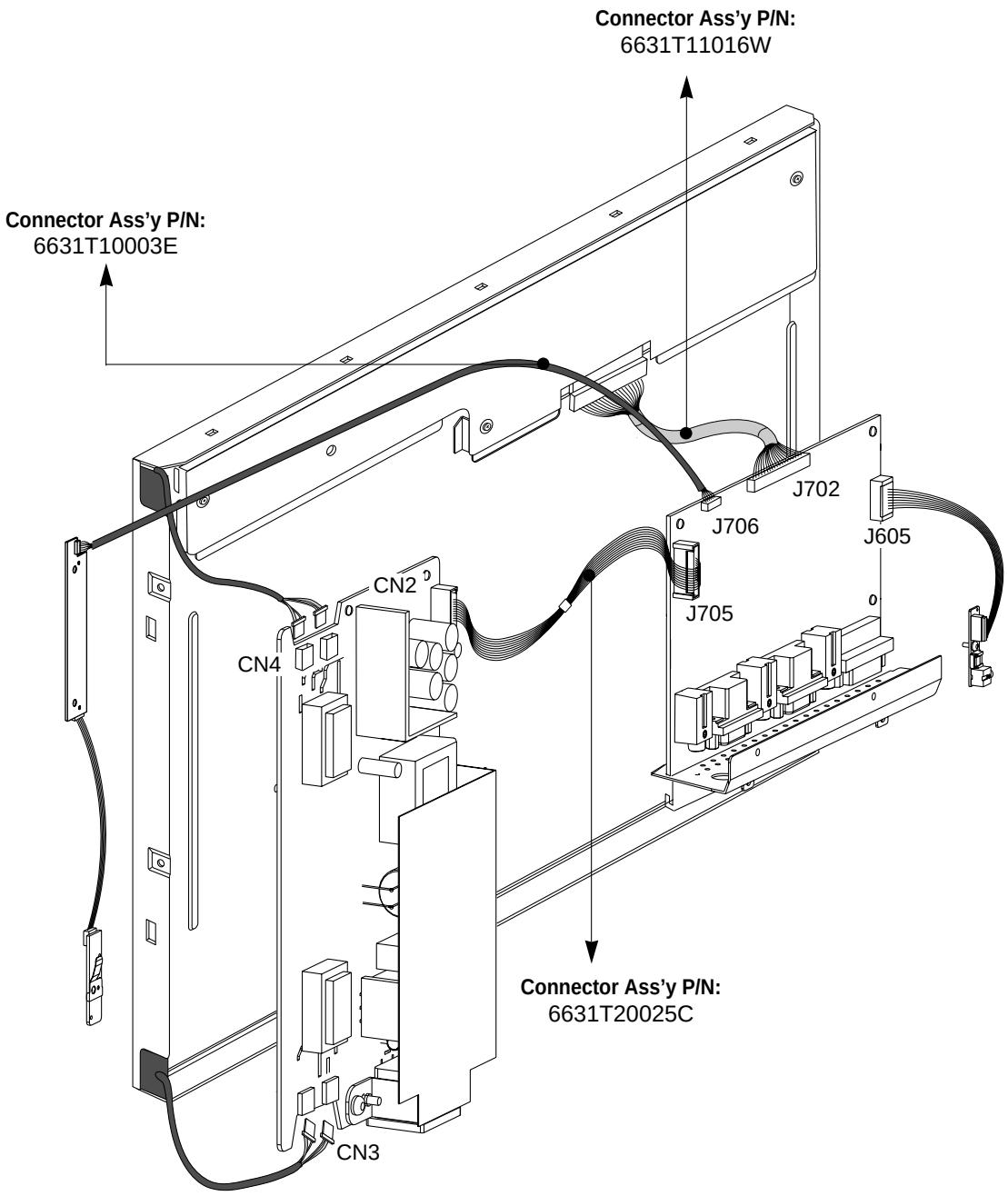
Establish brightness and light and darkness, color price in Menu according to environmental condition.(MOVIE/PC/GAME).

6. ⏻ (Power) switch and ⏻ (power) indicator

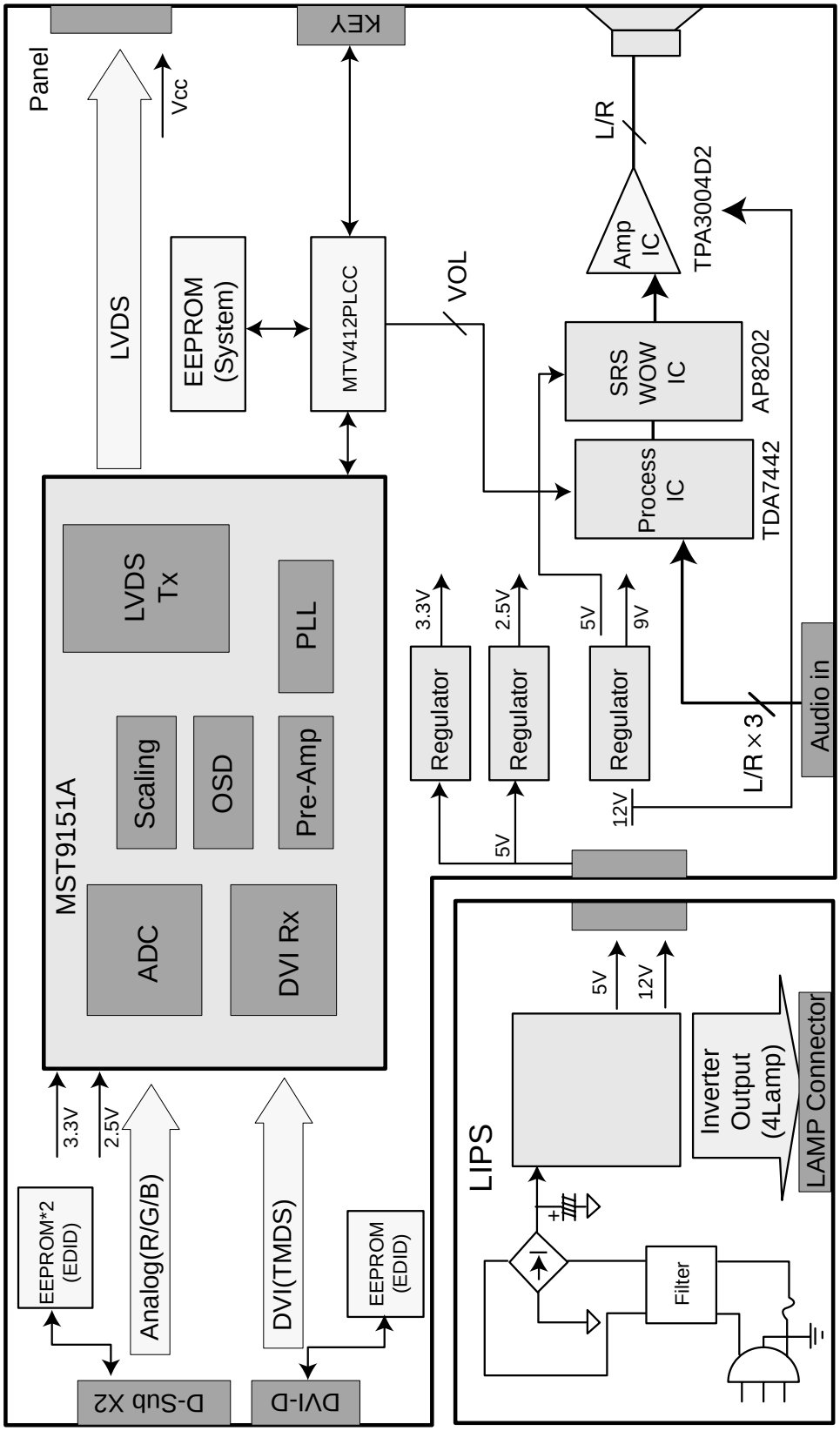
This switch turns the monitor on when the power indicator lights up in Green. To turn the monitor off, press this switch again.

If the power indicator does not light up, press the MAIN POWER switch.

WIRING DIAGRAM



BLOCK DIAGRAM



DESCRIPTION OF BLOCK DIAGRAM

1. Video Controller Part & Display Data Transmitter Part.

This part amplifies the level of video signal for the digital conversion and converts from the analog video signal to the digital video signal using a pixel clock.
The pixel clock for each mode is generated by the PLL.
The range of the pixel clock is from 25MHz to 135MHz.
This part consists of the Scaler, LVDS Tx, TMDS Rx, Reset IC.
The Scaler gets the video signals which were converted analog to digital, interpolates input to 1280 x 1024 resolution signal and outputs 8-bit R, G, B signal to transmitter.
Especially pre-amp / ADC / Video controller/ Transmitter are merged to one chip 'MST9151A' by MST.
This part transmit digital signal from the Scaler to the receiver of module.

2. Power Part

This part consists of the one 3.3V and one 2.5 regulators to convert power which is provided 5V by LIPS Board.
In particular, 5V is provided for LCD Panel. There is also 12V which is for Audio power.
Also, 5V is converted 3.3V and 2.5V by regulator. Converted power is provided for IC in the main board.

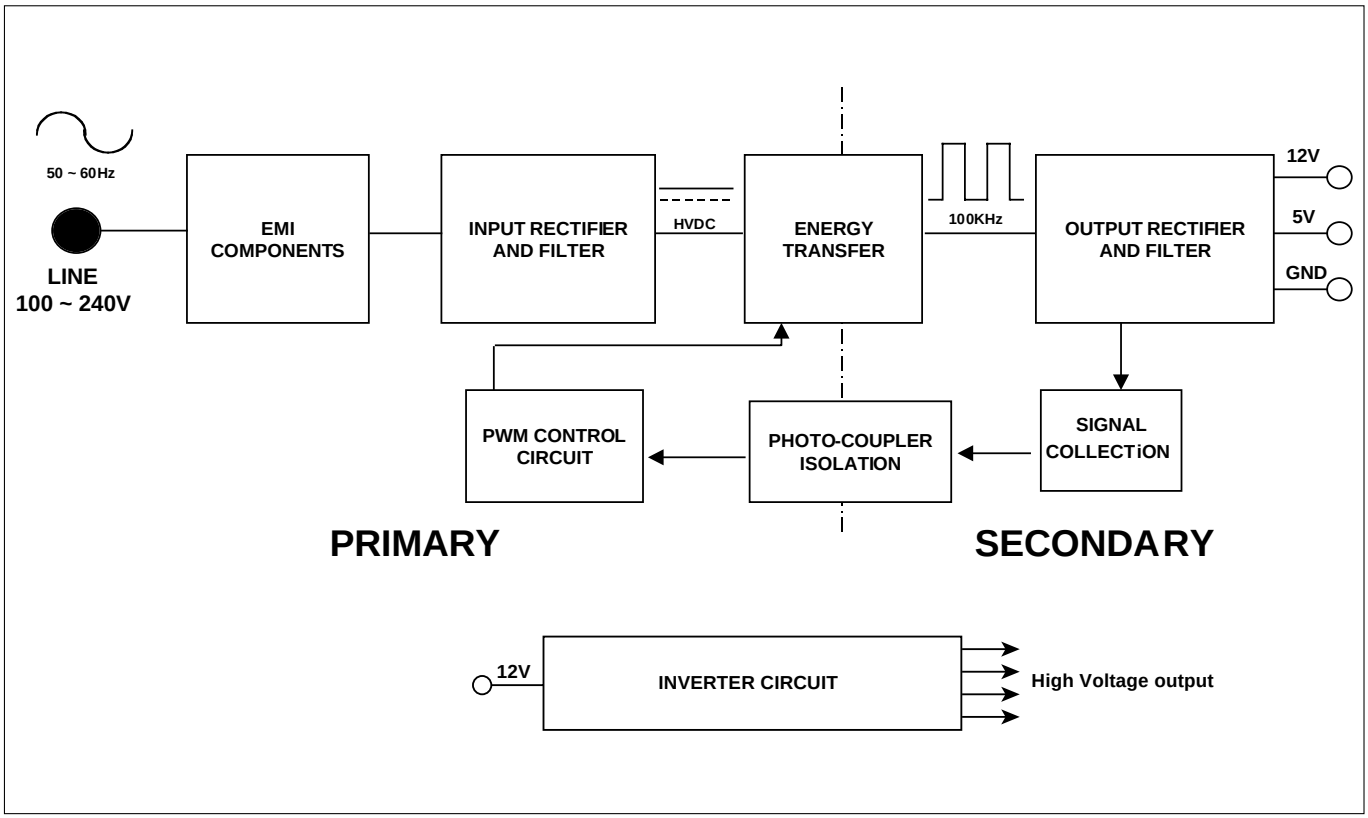
3. System Controller (Microprocessor) Circuit

1) Microprocessor (U501) distinguishes polarity and frequency by calculating horizontal and vertical sync input from signal source.
2) Microprocessor (U501) carries out power control by sending power-down trigger signal to each IC.
3) Microprocessor (U501) communicates with EEPROM (704), and MST9151A (U201) through IIC or 8 bit bus line. It is enable to control and communicate each devices.
4) Microprocessor (U501) let User adjust screen by OSD function.

4. Audio Part

This circuit supports speaker output of 3W+3W(Right, Left).
There is processor IC for audio input selection and volume control.
The SRS WOW IC is AP8202 which support SRS WOW function. (Focus, Bass, SRS 3D).
The Main amp(TPA3004D2) IC amplifies input audio signal up to 3W.
The speaker unit is 16ohm impedance.

LIPS Board Block Diagram



Operation description_LIPS

1. EMI components.

This part contains of EMI components to comply with global marketing EMI standards like FCC,VCCI CISPR, the circuit included a line-filter, across line capacitor and of course the primary protection fuse.

2. Input rectifier and filter.

This part function is for transfer the input AC voltage to a DC voltage through a bridge rectifier and a bulk capacitor.

3. Energy Transfer.

This part function is for transfer the primary energy to secondary through a power transformer.

4. Output rectifier and filter.

This part function is to make a pulse width modulation control and to provide the driver signal to power switch,to adjust the duty cycle during different AC input and output loading condition to achieve the dc output stabilized, and also the over power protection is also monitor by this part.

5. Photo-Coupler isolation.

This part function is to feed back the dc output changing status through a photo transistor to primary controller to achieve the stabilized dc output voltage.

6. Signal collection.

This part function is to collect the any change from the dc output and feed back to the primary through photo transistor

7. Inverter

The inverter converts from DC12V to AC 700V and operate back-light lamp of module.

ADJUSTMENT

1. Procedures of how to go to service mode.

1) Enter the service mode of this unit by turning on the power while pressing and holding the "↓" key simultaneously.
2) Press "MENU" key----MAINTAIN.
3) Press "OK" key to enter the service menu.
4) Select the desired function.
5) Press the "MENU" key to exit OSD.
6) Turn off the power and then turn on it again. The monitor then enters the normal mode.
   To enter the service again, repeat the procedure described above.

Note

W/B readjustment is required after the panel, board and microcomputer are replaced. However, be sure to perform aging for more than 30 minutes for RGB reset before W/B adjustment.

2. Setup

1) Prepare timing and pattern data for a signal generator according to the Sony timing specifications.
2) Connect a monitor video cable to the signal generator.
3) Put Color Analyzer(ex. CA-110) 50cm away from the monitor, specify it vertically in the center of the display, and adjust the focus to the optimum level using an eyepiece.
4) Put the monitor and Color Analyzer(ex. CA-110) in a light-shielded room.
5) Set up [SERVICE MODE] of the monitor.

3. Operation

Data is manually set to improve the productivity. The brightness, contrast, and backlight are set to 50, 70 and 100 respectively. After that, the default data of the color temperature to be adjusted is set.

4. Warm up time

Warm up for 30 minutes before performing any adjustment.

5. Adjustment for White Balance

a. Display SMPTE at SXGA/60Hz(Input level 0.73V).
b. Set up [SERVICE MODE].
c. Click "INITIAL EEPROM" and again setup Service Mode.
d. Click "WHITE BALANCE" and then select “AUTO”.

6. 9300K color adjustment

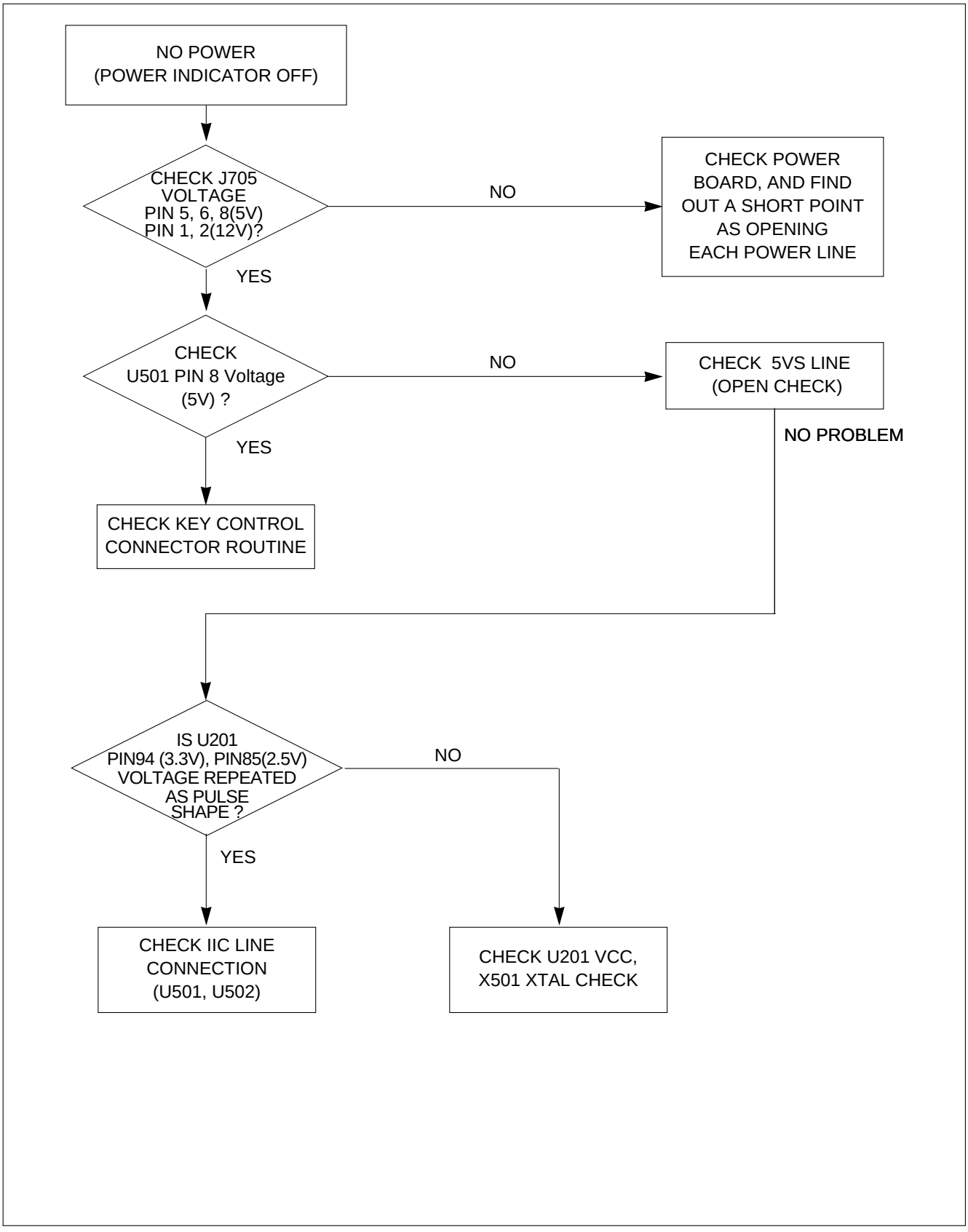
a. Select "9300K" in "COLOR TEMP" and enter.
b. Use a 35%(89Gray) IRE white video field in the primary mode.
c. Adjust "SUB CONTRAST " to secure the color temperature.
d. Press "MENU" key to exit adjust mode.

7. 6500K color adjustment

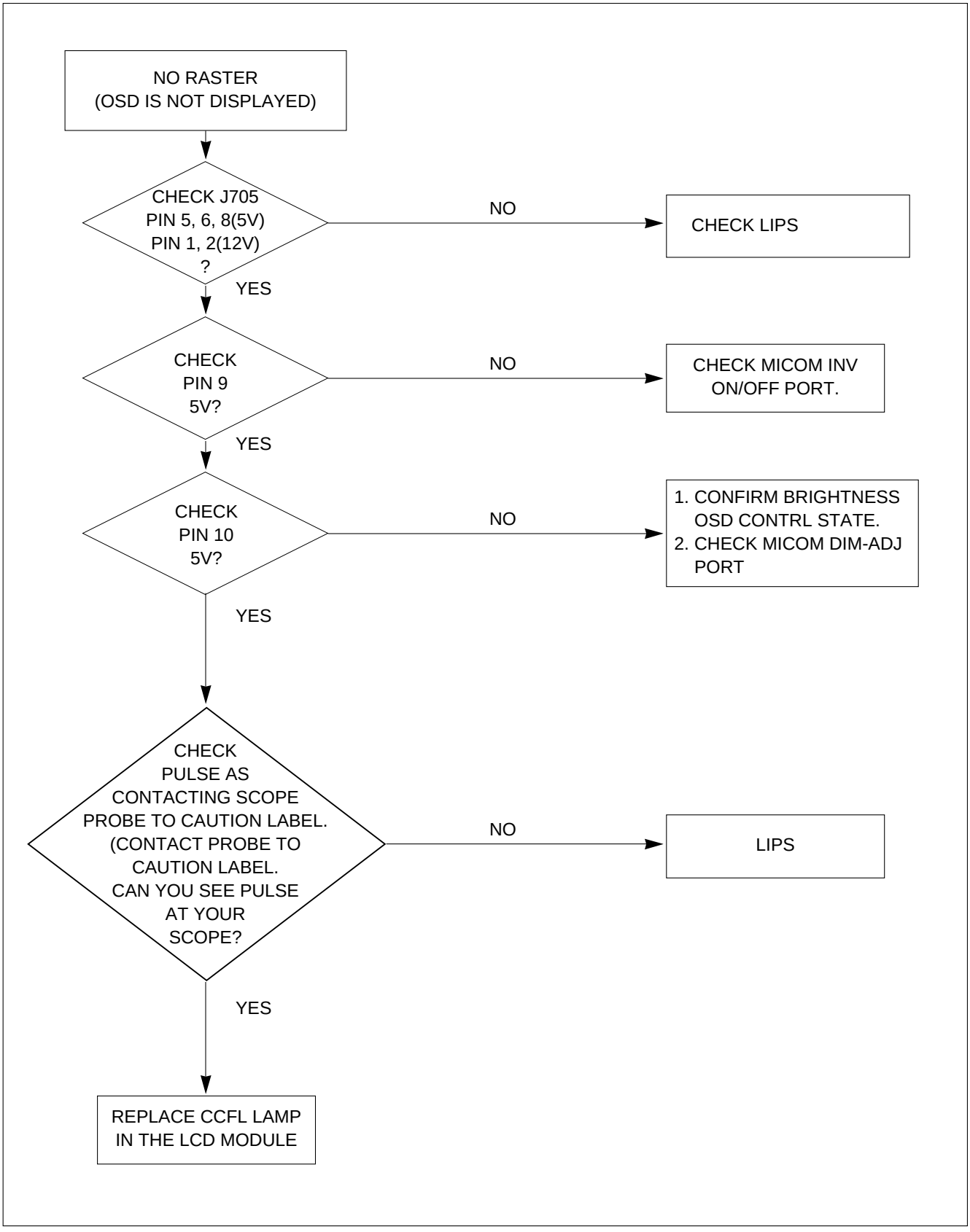
a. Select "6500K" in "COLOR TEMP" and enter.
b. Repeat the adjustment procedure as steps b to d at 9300K.

TROUBLESHOOTING GUIDE

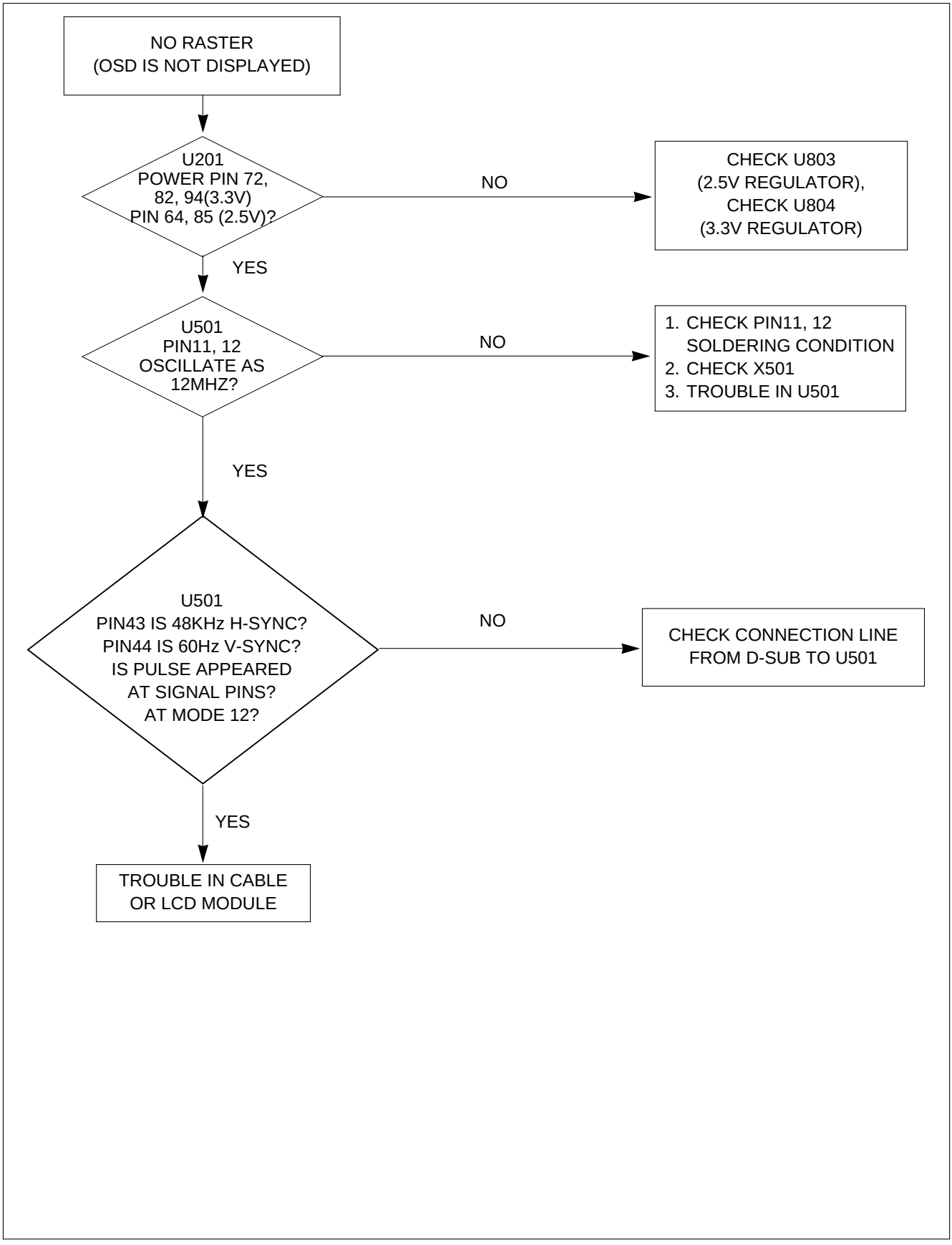
1. NO POWER



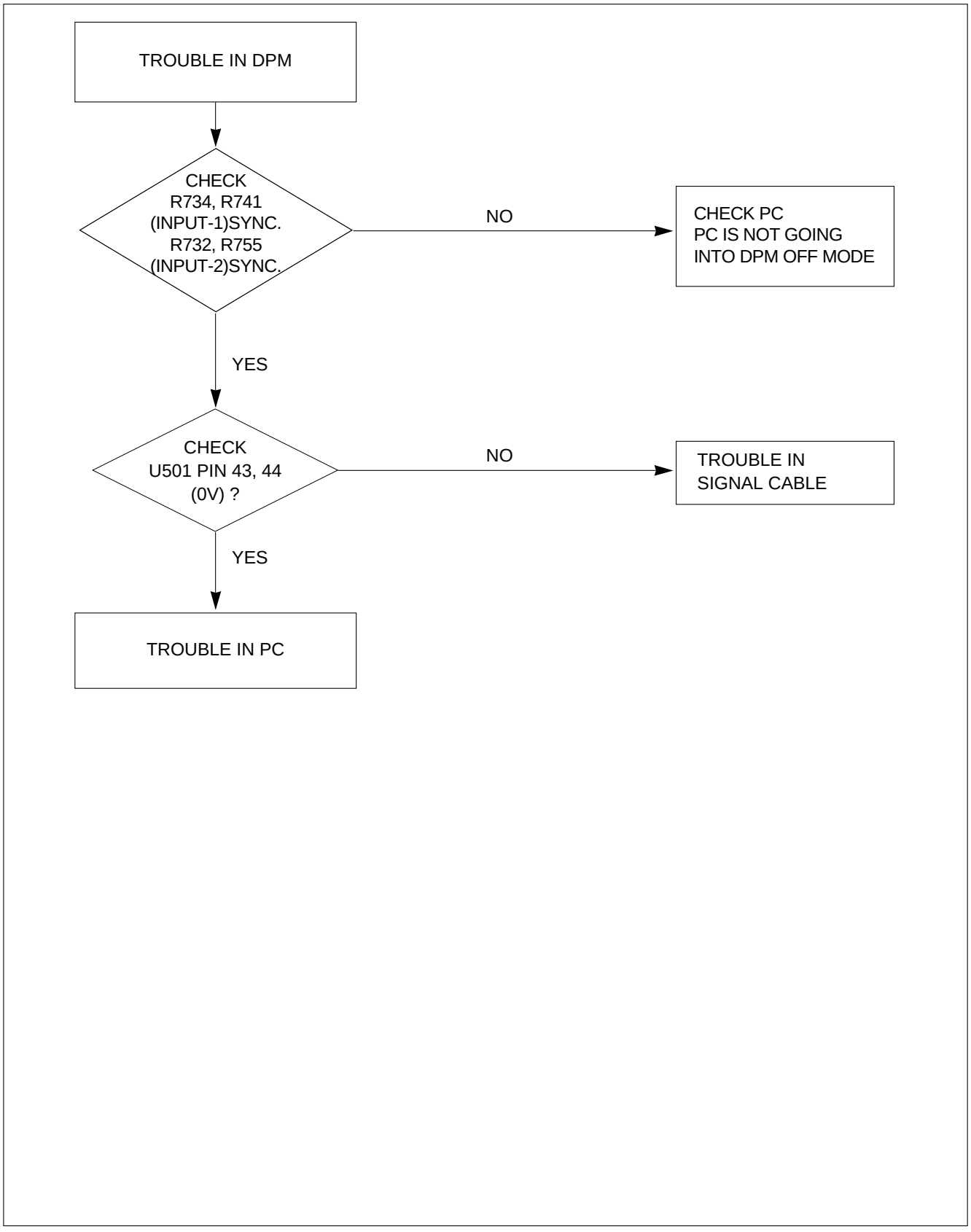
2. NO RASTER (OSD IS NOT DISPLAYED) – LIPS



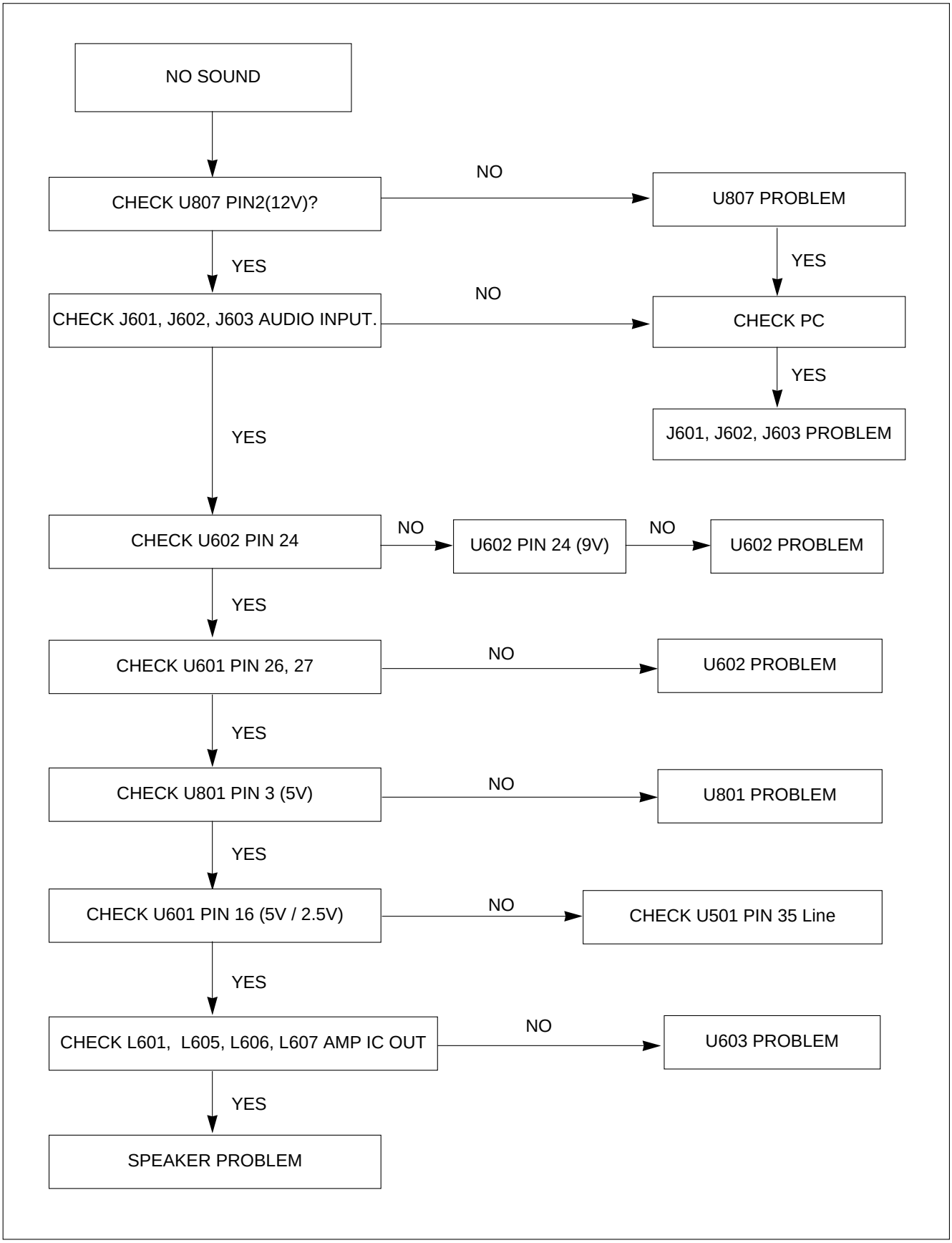
3. NO RASTER (OSD IS NOT DISPLAYED) – MST9151A



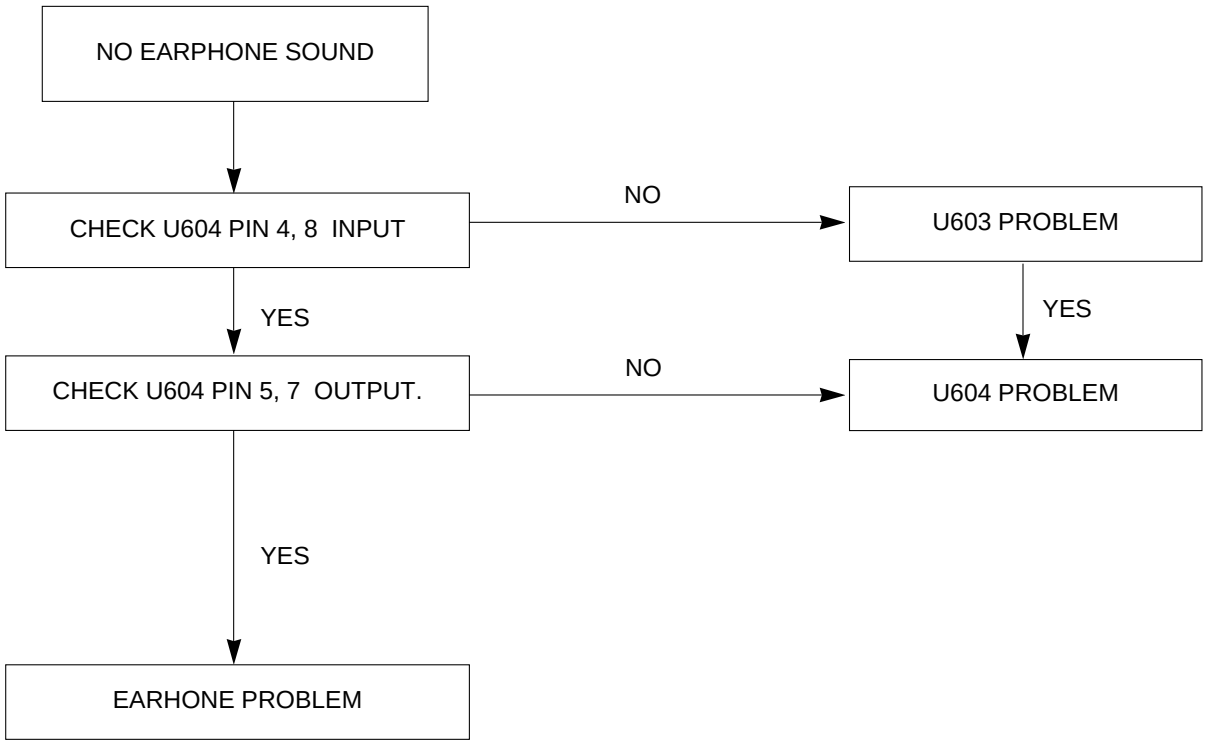
4. TROUBLE IN DPM



5. NO SOUND

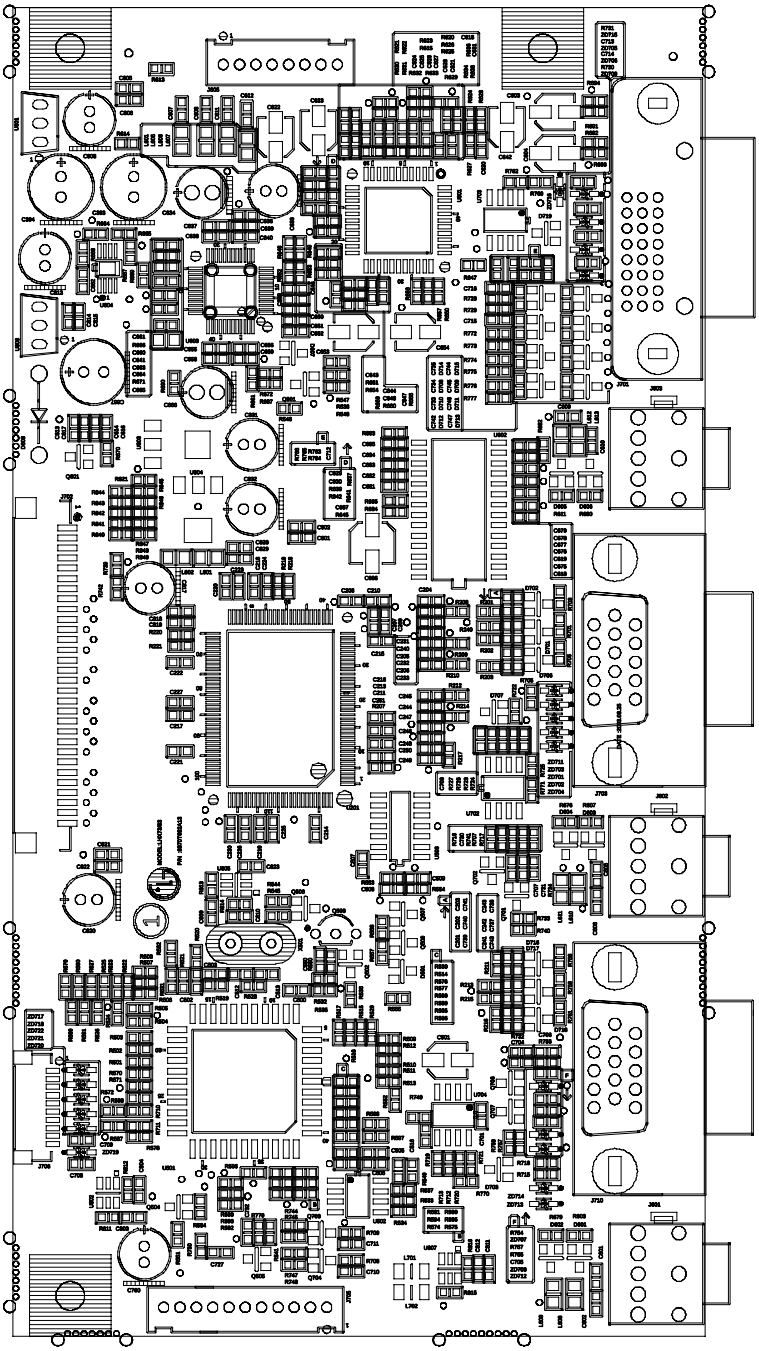

NO SOUND
CHECK U807 PIN2(12V)?
NO
U807 PROBLEM
YES
YES
CHECK J601, J602, J603 AUDIO INPUT.
NO
CHECK PC
YES
J601, J602, J603 PROBLEM
YES
CHECK U602 PIN 24
NO
U602 PIN 24 (9V)
NO
U602 PROBLEM
YES
CHECK U601 PIN 26, 27
NO
U602 PROBLEM
YES
CHECK U801 PIN 3 (5V)
NO
U801 PROBLEM
YES
CHECK U601 PIN 16 (5V / 2.5V)
NO
CHECK U501 PIN 35 Line
YES
CHECK L601, L605, L606, L607 AMP IC OUT
NO
U603 PROBLEM
YES
SPEAKER PROBLEM

6. NO EARPHONE SOUND

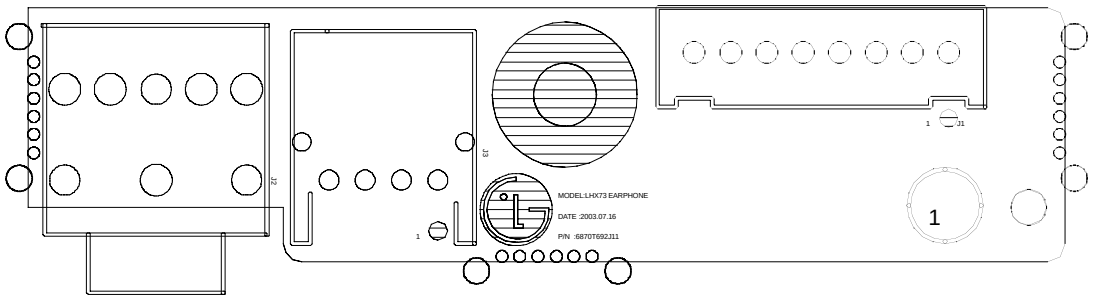


PRINTED CIRCUIT BOARD

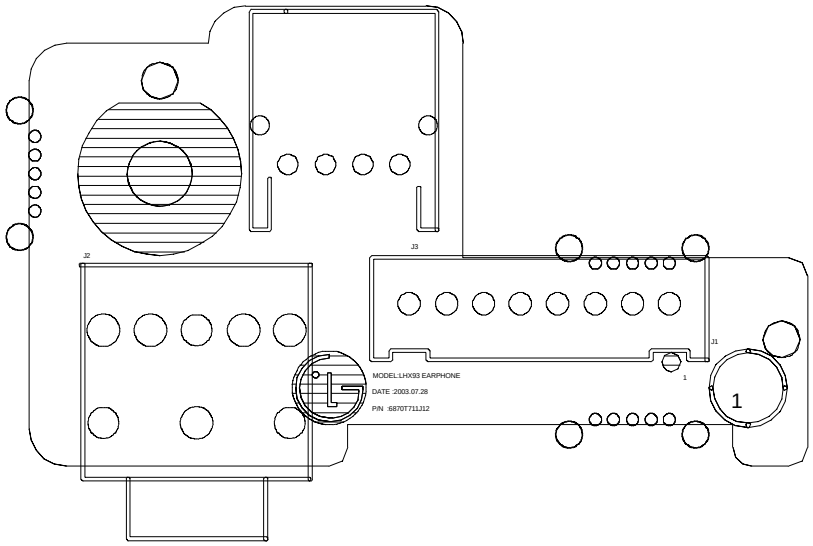
1. MAIN BOARD (Component Side)



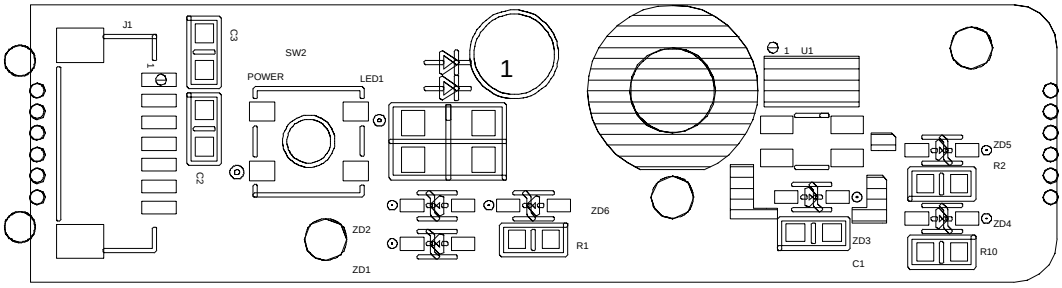
2.EARPHONE BOARD - LHX73L (Component Side)



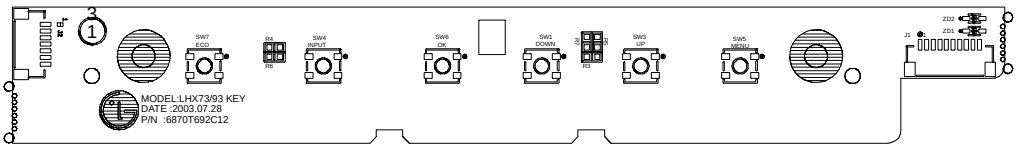
3.EARPHONE BOARD - LHX93L (Component Side)



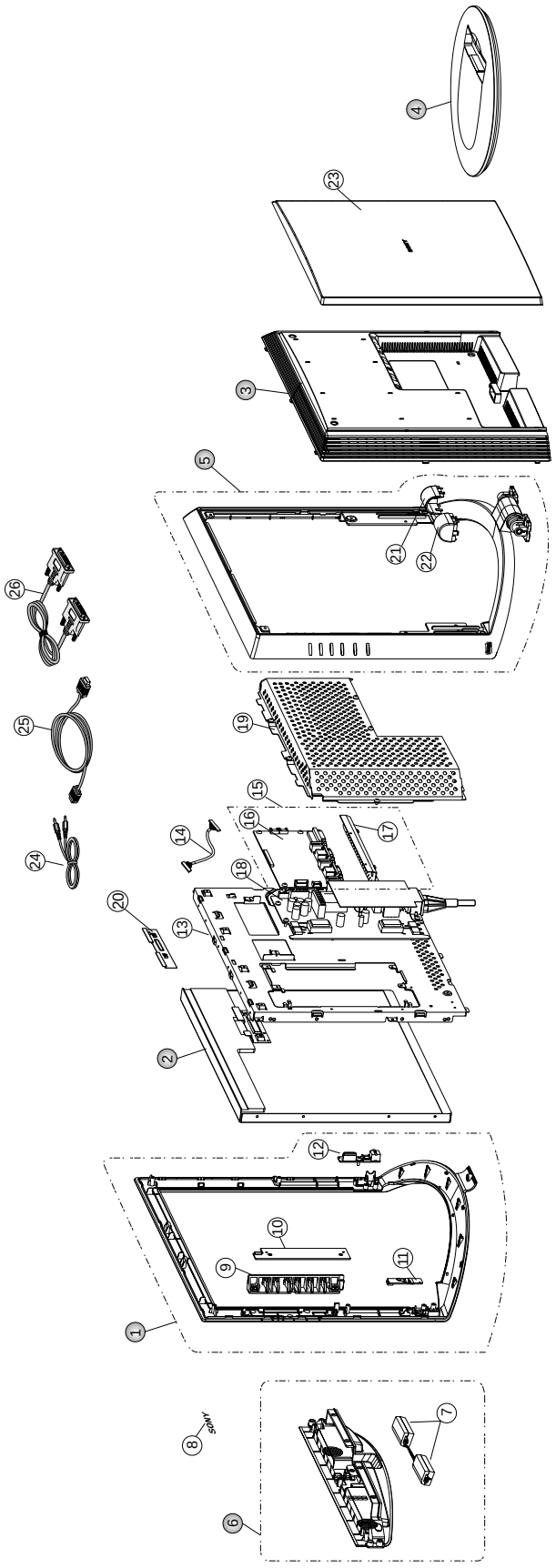
4. LED CONTROL BOARD (Component Side)



5. CONTROL BOARD



EXPLODED VIEW



EXPLODED VIEW PARTS LIST

Ref. No.	LG Part No.	Sony Part No.	Description
1	3091TKL089A	X40423381	CABINET ASSEMBLY, LHX73L SONY 3090TKL080 **BLACK(SDM-HX73)**
	3091TKL089B	X40422721	CABINET ASSEMBLY, LHX73L SONY 3090TKL080A **SILVER(SDM-HX73)**
	3091TKL088A	X40422671	CABINET ASSEMBLY, LHX93L SONY 3090TKL081 **BK(SDM-HX93)**
	3091TKL088B	X40423411	CABINET ASSEMBLY, LHX93L SONY 3090TKL081 **SILVER(SDM-HX93)**
2	6304FAU010A	180548611	LCD(LIQUID CRYSTAL DISPLAY), M170EN06 AU TFT COLOR 400NIT**(SDM-HX73)**
	6304FFT003A	180548511	LCD(LIQUID CRYSTAL DISPLAY), FLC48SXC8V-05 FUJITSU TFT COLOR LVDS 8BIT 450NIT**(SDM-HX93)**
3	3809TKL061A	409862511	BACK COVER ASSEMBLY, LHX73L 3808TKL063 **BLACK(SDM-HX73)**
	3809TKL061B	409862501	BACK COVER ASSEMBLY, LHX73L 3808TKL063A **SILVER(SDM-HX73)**
	3809TKL060A	409860211	BACK COVER ASSEMBLY, LHX93L 3808TKL064 **BK**-SONY**(SDM-HX93)**
	3809TKL060B	409860201	BACK COVER ASSEMBLY, LHX93L 3808TKL064 **GRAY**-SONY**(SDM-HX93)**
4	3043TKK138A	X40423371	TILT SWIVEL ASSEMBLY, LHX73L 3550TKK410 SONY **BLACK(SDM-HX73)**
	3043TKK138B	X40422711	TILT SWIVEL ASSEMBLY, LHX73L 3550TKK410 SONY **SILVER(SDM-HX73)**
	3043TKK137A	X40423401	TILT SWIVEL ASSEMBLY, LHX93L 3550TKK415 **BK**-SONY**(SDM-HX93)**
	3043TKK137B	X40422661	TILT SWIVEL ASSEMBLY, LHX93L 3550TKK415 **GRAY**-SONY**(SDM-HX93)**
5	3551TKK502A	409863111	COVER ASSEMBLY, LHX73L TOTAL 3550TKK408 MIDDLE **BLACK(SDM-HX73)**
	3551TKK502B	409863101	COVER ASSEMBLY, LHX73L TOTAL 3550TKK408 MIDDLE **SILVER(SDM-HX73)**
	3551TKK501A	409860811	COVER ASSEMBLY, LHX93L TOTAL 3550TKK414 MIDDLE **BK** SONY**(SDM-HX93)**
	3551TKK501B	409860801	COVER ASSEMBLY, LHX93L TOTAL 3550TKK414 MIDDLE **SILVER** SONY**(SDM-HX93)**
6	3551TKS046A	X40423391	COVER ASSEMBLY, LHX73L SPEAKER 350TKS062 FRONT **BLACK(SDM-HX73)**
	3551TKS046B	X40422731	COVER ASSEMBLY, LHX73L FRONT 3550TKS062 **SILVER(SDM-HX73)**
	3551TKS045A	X40423421	COVER ASSEMBLY, LHX93L SPEAKER 3550TKS064 FRONT **BK(SDM-HX93)**
	3551TKS045B	X40422681	COVER ASSEMBLY, LHX93L SPEAKER 3550TKS064 -**SILVER(SDM-HX93)**
7	6401TZZ035A	182565511	SPEAKER ASSEMBLY, LOX73L/LOX93L K030B050,3W,16OHM,4PIN
8	3846TKK058C	-	MARK, PIECE SONY HX (3-704-176-91)
9	4940TKT189A	409863501	KNOB, TACT CONTROL LHX73L**(SDM-HX73)**
	4940TKT190A	409861001	KNOB, TACT CONTROL**(SDM-HX93)**
10	6871TST422A	A1410344A	PWB(PCB) ASSEMBLY,SUB, LHX73L/93L CONTROL TOTAL SONY CL-53
11	6871TST424A	A1410346A	PWB(PCB) ASSEMBLY,SUB, LHX73L HEADPHONE TOTAL SONY CL-53**(SDM-HX73)**
	6871TST421A	A1410348A	PWB(PCB) ASSEMBLY,SUB, LHX93L HEADPHONE TOTAL SONY CL-53**(SDM-HX93)**
12	6871TST423A	A1410345A	PWB(PCB) ASSEMBLY,SUB, LHX73L/93L LED & P/SW TOTAL SONY CL-53**(SDM-HX73)**
	6871TST420A		PWB(PCB) ASSEMBLY,SUB, LHX93L LED & P/SW TOTAL SONY CL-53**(SDM-HX93)**
13	4950TKS248B	-	METAL, FRAME HX73 **AUO(SDM-HX73)**
	4951TKS120A		METAL ASSEMBLY, FRAME LHX93L SONY**(SDM-HX93)**
14	6631T11016W	190027571	CONNECTOR ASSE AMBLY, 30P-30P H-H 200MM UL20276 AUG30 LOX73L/LOX93L
15	3313TL7022B	-	MAIN TOTAL ASSEMBLY, LHX73L (AUO) SONY CL-53**(SDM-HX73)**
	3313TL9006A		MAIN TOTAL ASSEMBLY, LHX93L SONY CL-53**(SDM-HX93)**
16	6871TMT456B	A1410342A	PWB(PCB) ASSEMBLY,MAIN, LHX73L AURDB SONY CL-53 TOTAL**(SDM-HX73)*AUO Module***
	6871TMT455A	A1410342A	PWB(PCB) ASSEMBLY,MAIN, LHX93L AFRDB SONY CL-53 TOTAL**(SDM-HX93)**
17	4950TKK645A	-	METAL, PLATE SIGNAL LHX73L**(SDM-HX73)**
	4950TKK648A		METAL, PLATE BLK SIGNAL**(SDM-HX93)**
18	6871TPT251B	A1410343A	PWB(PCB) ASSEMBLY,POWER, 17" SONY STEP UP HOME POWER TOTAL SSE LIPS FOR AUO**(SDM-HX73)**
	6871TPT252A	A1410347A	PWB(PCB) ASSEMBLY,POWER, 19"SONY STEP UP HOME POWER TOTAL SSE LIPS FOR FUJITSU(6LAMP)**(SDM-HX93)**
19	4950TKS249A	-	METAL, REAR SHIELD**(SDM-HX73)**
	4950TKK647A		METAL, REAR SHIELD**(SDM-HX93)**
20	4950TKK487A	-	METAL, FIX CONNECTOR-AU SIDE LS71K**(SDM-HX73)**
	4950TKK651A		METAL, PLATE CABLE FIX**(SDM-HX93)**
21	3550TKK411A	LHX73L 409864211 LHX93L 409861611	COVER, LHX73/93 L HINGE RIGHT-**BK**
	3550TKK411B	LHX73L 409864201 LHX93L 409861601	COVER, LHX73/93 L HINGE RIGHT-**SILVER**
22	3550TKK417A	LHX73L 409864111 LHX93L 409861511	COVER, LHX73/93L HINGE LEFT-**BK**
	3550TKK417B	LHX73L 409864101 LHX93L 409861501	COVER, LHX73/93L HINGE LEFT-**SILVER**
23	3550TKK409A	409862611	COVER, LHX73L BACK DOOR **BLACK(SDM-HX73)**
	3550TKK409B	409862601	COVER, LHX73L BACK DOOR **SILVER(SDM-HX73)**
	3550TKK412A	409860311	COVER, LHX93L PIECE DOOR-**BK(SDM-HX93)**
	3550TKK412B	409860301	COVER, LHX93L PIECE DOOR -**GRAY(SDM-HX93)**
24	6852TAZ006P	182775911	CORD,A/V, KCA-ST-3-0010 UL2851 AWG28 1870MM BLACK(9930) KSD BLACK-BLACK
25	6850TD9004G	182775711	CABLE,D-SUB, UL20276-9C(5.8MM) DT 1800MM BLACK(9930) SONY DM
26	6866TDV004Q	182775811	CABLE,DVI, UL20276 AWG30 DT 1800MM BLACK(9930) HX73 DM

REPLACEMENT PARTS LIST

CAUTION: BEFORE REPLACING ANY OF THESE COMPONENTS,
READ CAREFULLY THE **SAFETY PRECAUTIONS** IN THIS MANUAL.
* NOTE : **S** SAFETY Mark ⚠
AL ALTERNATIVE PARTS

DATE: 2003. 8. 25.

*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		MAIN BOARD		
		CAPACITORS		
		C204	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C205	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C206	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C207	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C208	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C209	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C210	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C211	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C213	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C214	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C215	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C216	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C217	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C218	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C219	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C220	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C221	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C222	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C223	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C224	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C225	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C226	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C227	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C230	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C231	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C232	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C233	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C240	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C244	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C245	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C246	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C247	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C248	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C249	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C250	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C251	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C393	0CZZTAT005G	RJ4-16V221MF3#-T36 ELNA 16V
		C394	0CZZTAT005G	RJ4-16V221MF3#-T36 ELNA 16V
		C500	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C501	0CZZTAT008B	RVS-16V100MU-R ELNA 16V 10UF
		C502	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C503	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C505	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C506	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C507	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C508	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C509	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C512	0CC180CK41A	18PF 1608 50V 5% R/TP NP0
		C513	0CC100CK41A	10PF 1608 50V 5% R/TP NP0
		C516	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C601	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C602	0CK105CD56A	1UF 1608 10V 10% R/TP X7R

DATE: 2003. 8. 25.

*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C603	0CZZTAT008B	RVS-16V100MU-R ELNA 16V 10UF
		C604	0CZZTAT008B	RVS-16V100MU-R ELNA 16V 10UF
		C605	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C606	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C607	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C608	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C609	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C610	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C611	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C612	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C613	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C614	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C615	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C616	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C617	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C618	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C619	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C620	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C621	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C622	0CZZTAT008B	RVS-16V100MU-R ELNA 16V 10UF
		C623	0CZZTAT008A	RVS-35V4R7MU-R ELNA 35V 4.7U
		C624	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C625	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C626	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C627	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C628	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C629	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C630	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C631	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C633	0CZZTAT005B	RJ4-16V101MX ELNA 16V 100UF
		C634	0CZZTAT005H	RJ4-50V470ME3#-T36 ELNA 50V
		C636	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C637	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C638	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C639	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C640	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C641	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C642	0CZZTAT008B	RVS-16V100MU-R ELNA 16V 10UF
		C643	0CC220CK41A	22PF 1608 50V 5% R/TP NP0
		C644	0CC220CK41A	22PF 1608 50V 5% R/TP NP0
		C646	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C647	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C648	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C649	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C650	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C651	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C652	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C653	0CZZTAT008B	RVS-16V100MU-R ELNA 16V 10UF
		C654	0CZZTAT008B	RVS-16V100MU-R ELNA 16V 10UF
		C655	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C656	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C658	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C659	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C660	0CC221CK41A	220PF 1608 50V 5% R/TP NP0

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C661	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C662	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C663	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C664	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C665	0CK105DK94A	1UF 2012 50V 80%,-20% R/TP F
		C666	0CZZTAT005H	RJ4-50V470ME3#-T36 ELNA 50V
		C667	0CZZTAT005C	RJ4-25V101MX ELNA 25V 100UF
		C675	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C676	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C677	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C678	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C679	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C681	0CK562CK51A	5600PF 1608 50V 10% R/TP B(Y
		C682	0CK562CK51A	5600PF 1608 50V 10% R/TP B(Y
		C683	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C684	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C685	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C686	0CZZTAT008C	RVS-16V220MU-R ELNA 16V 22UF
		C687	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C701	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C703	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C704	0CC680CK41A	68PF 1608 50V 5% R/TP NP0
		C705	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C706	0CC680CK41A	68PF 1608 50V 5% R/TP NP0
		C707	0CC680CK41A	68PF 1608 50V 5% R/TP NP0
		C708	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C709	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C710	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C711	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C712	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C713	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C714	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C727	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C730	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
		C731	0CC680CK41A	68PF 1608 50V 5% R/TP NP0
		C732	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C733	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C734	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C735	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C737	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C738	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C739	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C740	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C741	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C742	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C743	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C744	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C745	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C746	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C747	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C760	0CZZTAT005B	RJ4-16V101MX ELNA 16V 100UF
		C801	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C802	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C803	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C804	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C805	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C806	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C808	0CZZTAT005B	RJ4-16V101MX ELNA 16V 100UF
		C809	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C810	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0
		C811	0CK105CD56A	1UF 1608 10V 10% R/TP X7R
		C812	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0

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		C813	0CZZTAT005B	RJ4-16V101MX ELNA 16V 100UF
		C814	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C815	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C817	0CZZTAT005B	RJ4-16V101MX ELNA 16V 100UF
		C818	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C819	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C820	0CZZTAT005B	RJ4-16V101MX ELNA 16V 100UF
		C821	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C822	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C823	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C828	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C829	0CK103CK51A	0.01UF 1608 50V 10% R/TP B(Y
		C831	0CZZTAT005B	RJ4-16V101MX ELNA 16V 100UF
		C832	0CZZTAT005B	RJ4-16V101MX ELNA 16V 100UF
		DIODEs		
		D501	0DD184009AA	KDS184 TP KEC - 85V - - - 30
		D601	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D602	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D603	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D604	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D605	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D606	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D607	0DD184009AA	KDS184 TP KEC - 85V - - - 30
		D608	0DRTW00089A	SRT14(1021) TIWAN SEMI TP NO
		D701	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D702	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D703	0DD184009AA	KDS184 TP KEC - 85V - - - 30
		D706	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D707	0DD184009AA	KDS184 TP KEC - 85V - - - 30
		D708	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D709	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D710	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D711	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D712	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D713	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D714	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D715	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D716	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D717	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D718	0DS226009AA	KDS226 TP KEC SOT-23 80V 30
		D719	0DD184009AA	KDS184 TP KEC - 85V - - - 30
		ZD701	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD702	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD703	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD704	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD705	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD706	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD707	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD708	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD709	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD711	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD712	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD713	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD714	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD715	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD716	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD717	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD718	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD719	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD720	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32

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		ZD721	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD722	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
	ICs			
		U201	0IPRPM3010A	MST9151A DUAL DVI-I PARALLEL
		U501	0IZZTSZ291A	MYSON 44P PLCC ST OTP LHX73 ***(SDM-LH73)***
		U501	0IZZTSZ292A	MYSON 44P PLCC ST OTP LHX93L ***(SDM-LH93)***
		U502	0IMMRSS040C	S524A60X51(SCT0) SAMSUNG ELE
		U503	0IPH740800H	74F08D 14P,SOIC TP QUAD 2-IN
		U601	0IPRPPZ001A	AP8202Q ASP 44P,QFP R/TP SRS
		U602	0IPRPSG012A	TDA7442D SGS-THOMSON 28 SOP
		U603	0IPRPTI036A	TPA3004D2PHPR TEXAS INSTRUME
		U604	0IPRPTI034A	TPA6110 TEXAS INSTRUMENT 8P,
		U702	0ICS240213A	CAT24WC02J-TE13 8P SOP TP 2K
		U703	0ICS240213A	CAT24WC02J-TE13 8P SOP TP 2K
		U704	0ICS240213A	CAT24WC02J-TE13 8P SOP TP 2K
		U801	0IKE780500X	KIA78L05BP T0-92L TP 5V REGU
		U802	0TFVI80023A	VISHAY SI3865DV R/TP TSOP-6
		U803	0IPMGNS001D	LM1117MPX-2.5 NATIONAL SEMIC
		U804	0IPMGNS001E	LM1117MPX-3.3 NATIONAL SEMIC
		U805	0TFVI80023A	VISHAY SI3865DV R/TP TSOP-6
		U807	0TFFC80009A	FAIRCHILD FDC6326L R/TP SOT-
		U808	0IKE780900H	KIA78L09BP(AT) 3P 9V,150MA -
	COIL&COREs			
		L601	6210TCE0016	HH-1T2012-251 CERATEC R/TP 2
		L605	6210TCE0016	HH-1T2012-251 CERATEC R/TP 2
		L606	6210TCE0016	HH-1T2012-251 CERATEC R/TP 2
		L607	6210TCE0016	HH-1T2012-251 CERATEC R/TP 2
		L701	6210TCE0017	HH-1M3216-121JT CERATEC R/TP
		L702	6210TCE0017	HH-1M3216-121JT CERATEC R/TP
		L801	6210TCE001S	HU-1M2012-121 CERATECH 2012M
		L802	6210TCE001S	HU-1M2012-121 CERATECH 2012M
	TRANSISTOR			
		Q501	0TR390609FA	KST3906-MTF TP SAMSUNG SOT2
		Q502	0TR390409AE	FAIRCHILD KST3904(LGEMTF) TP
		Q503	0IKE704200H	KIA7042AP TO-92 TP 4.2 VOLT
		Q504	0TR390409AE	FAIRCHILD KST3904(LGEMTF) TP
		Q505	0TR390409AE	FAIRCHILD KST3904(LGEMTF) TP
		Q506	0TR390409AE	FAIRCHILD KST3904(LGEMTF) TP
		Q507	0TR390409AE	FAIRCHILD KST3904(LGEMTF) TP
		Q509	0TR390409AE	FAIRCHILD KST3904(LGEMTF) TP
		Q601	0TR390409AE	FAIRCHILD KST3904(LGEMTF) TP
		Q701	0TR390409AE	FAIRCHILD KST3904(LGEMTF) TP
		Q702	0TR390409AE	FAIRCHILD KST3904(LGEMTF) TP
		Q703	0TR390609FA	KST3906-MTF TP SAMSUNG SOT2
		Q704	0TR390609FA	KST3906-MTF TP SAMSUNG SOT2
		Q706	0TR390409AE	FAIRCHILD KST3904(LGEMTF) TP
		Q707	0TR390409AE	FAIRCHILD KST3904(LGEMTF) TP
	RESISTORs			
		R201	0RJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R202	0RJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R203	0RJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R207	0RJ3900D677	390 OHM 1/10 W 5% 1608 R/TP
		R208	0RJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R209	0RJ0472D677	47 OHM 1/10 W 5% 1608 R/TP

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		R210	0RJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R211	0RJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R212	0RJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R213	0RJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R214	0RJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R215	0RJ3900D677	390 OHM 1/10 W 5% 1608 R/TP
		R216	0RJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R217	0RJ0472D677	47 OHM 1/10 W 5% 1608 R/TP
		R220	0RJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R240	0RJ3900D677	390 OHM 1/10 W 5% 1608 R/TP
		R501	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R502	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R503	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R504	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R505	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R507	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R508	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R509	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R510	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R511	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R512	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R514	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R515	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R516	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R517	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R519	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R520	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R521	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R522	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R523	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R524	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R525	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R526	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R527	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R531	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R532	0RJ3301D677	3.3K OHM 1/10 W 5% 1608 R/TP
		R533	0RJ0332D677	33 OHM 1/10 W 5% 1608 R/TP
		R534	0RJ0332D677	33 OHM 1/10 W 5% 1608 R/TP
		R535	0RJ3301D677	3.3K OHM 1/10 W 5% 1608 R/TP
		R536	0RJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R538	0RJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R541	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R544	0RJ4700D677	470 OHM 1/10 W 5% 1608 R/TP
		R545	0RJ4700D677	470 OHM 1/10 W 5% 1608 R/TP
		R546	0RJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R547	0RJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R548	0RJ2202D677	22K OHM 1/10 W 5% 1608 R/TP
		R549	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R551	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R552	0RJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R553	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R554	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R555	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R557	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R558	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R570	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R571	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R572	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R574	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R575	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R576	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R577	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP

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		R578	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R579	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R582	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R584	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R585	0RJ0332D677	33 OHM 1/10 W 5% 1608 R/TP
		R586	0RJ0332D677	33 OHM 1/10 W 5% 1608 R/TP
		R587	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R588	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R589	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R590	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R591	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R593	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R594	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R595	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R596	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R597	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R603	6210TCE001H	HB-1T2012-301JT CERATEC 2012
		R607	6210TCE001H	HB-1T2012-301JT CERATEC 2012
		R611	6210TCE001H	HB-1T2012-301JT CERATEC 2012
		R613	0RJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R614	0RJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R615	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R620	0RJ2201D677	2200 OHM 1/10 W 5% 1608 R/TP
		R621	0RJ3001D677	3K OHM 1/10 W 5% 1608 R/TP
		R622	0RJ2201D677	2200 OHM 1/10 W 5% 1608 R/TP
		R623	0RJ2202D677	22K OHM 1/10 W 5% 1608 R/TP
		R624	0RJ2201D677	2200 OHM 1/10 W 5% 1608 R/TP
		R625	0RJ1801D677	1.8K OHM 1/10 W 5% 1608 R/TP
		R626	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R627	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R628	0RJ1801D677	1.8K OHM 1/10 W 5% 1608 R/TP
		R629	0RJ6202D677	62K OHM 1/10 W 5% 1608 R/TP
		R630	0RJ1802D677	18K OHM 1/10 W 5% 1608 R/TP
		R631	0RJ1602D677	16K OHM 1/10 W 5% 1608 R/TP
		R632	0RJ3302D677	33K OHM 1/10 W 5% 1608 R/TP
		R633	0RJ4302D677	43K OHM 1/10 W 5% 1608 R/TP
		R634	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R636	0RJ8201D677	8.2K OHM 1/10 W 5% 1608 R/TP
		R637	0RJ1602D677	16K OHM 1/10 W 5% 1608 R/TP
		R638	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R639	0RJ1602D677	16K OHM 1/10 W 5% 1608 R/TP
		R641	0RJ2002D677	20000 OHM 1/10 W 5% 1608 R/T
		R642	0RJ8201D677	8.2K OHM 1/10 W 5% 1608 R/TP
		R645	0RJ5102D677	51K OHM 1/10 W 5% 1608 R/TP
		R647	0RJ7501D677	7.5K OHM 1/10 W 5% 1608 R/TP
		R648	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R649	0RJ4702D677	47000 OHM 1/10 W 5% 1608 R/T
		R650	0RJ5101D677	5.1K OHM 1/10 W 5% 1608 R/TP
		R651	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R652	0RJ6802D677	68K OHM 1/10 W 5% 1608 R/TP
		R653	0RJ1802D677	18K OHM 1/10 W 5% 1608 R/TP
		R654	0RJ3002D677	30000 OHM 1/10 W 5% 1608 R/T
		R655	0RJ1502D677	15K OHM 1/10 W 5% 1608 R/TP
		R659	0RJ5102D677	51K OHM 1/10 W 5% 1608 R/TP
		R660	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R661	0RJ3302D677	33K OHM 1/10 W 5% 1608 R/TP
		R664	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R665	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R666	0RJ1003D677	100K OHM 1/10 W 5% 1608 R/TP
		R667	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R668	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP
		R669	0RJ1002D677	10K OHM 1/10 W 5% 1608 R/TP

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		R670	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R671	0RJ1003D677	100K OHM 1/10 W 5% 1608 R/TP
		R672	0RJ2202D677	22K OHM 1/10 W 5% 1608 R/TP
		R676	6210TCE001H	HB-1T2012-301JT CERATEC 2012
		R679	6210TCE001H	HB-1T2012-301JT CERATEC 2012
		R680	6210TCE001H	HB-1T2012-301JT CERATEC 2012
		R682	0RJ5601D477	5.6K OHM 1/10 W 1% 1608 R/TP
		R683	0RJ5601D477	5.6K OHM 1/10 W 1% 1608 R/TP
		R684	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R685	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R691	0RJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R692	0RJ0000D677	0 OHM 1/10 W 5% 1608 R/TP
		R701	0RJ0752D677	75 OHM 1/10 W 5% 1608 R/TP
		R703	0RJ0752D677	75 OHM 1/10 W 5% 1608 R/TP
		R705	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R706	0RJ0752D677	75 OHM 1/10 W 5% 1608 R/TP
		R707	0RJ0682D677	68 OHM 1/10 W 5% 1608 R/TP
		R708	0RJ2200D677	220 OHM 1/10 W 5% 1608 R/TP
		R709	0RJ1211D477	1.21K OHM 1/10 W 1% 1608 R/T
		R710	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R711	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R712	0RJ0332D677	33 OHM 1/10 W 5% 1608 R/TP
		R713	0RJ0332D677	33 OHM 1/10 W 5% 1608 R/TP
		R715	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R716	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R717	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R718	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R720	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R721	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R722	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R723	0RJ0332D677	33 OHM 1/10 W 5% 1608 R/TP
		R724	0RJ0332D677	33 OHM 1/10 W 5% 1608 R/TP
		R726	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R727	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R728	0RJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R729	0RJ0222D677	22 OHM 1/10 W 5% 1608 R/TP
		R730	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R731	0RJ4700D677	470 OHM 1/10 W 5% 1608 R/TP
		R732	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R733	0RJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R734	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R739	0RJ0000D677	0 OHM 1/10 W 5% 1608 R/TP ***(SDM-HX93)***
		R740	0RJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R741	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R744	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R745	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R747	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R748	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R749	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R750	0RJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R754	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R755	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R756	0RJ0682D677	68 OHM 1/10 W 5% 1608 R/TP
		R757	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R758	0RJ0752D677	75 OHM 1/10 W 5% 1608 R/TP
		R759	0RJ0752D677	75 OHM 1/10 W 5% 1608 R/TP
		R761	0RJ0752D677	75 OHM 1/10 W 5% 1608 R/TP
		R763	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R764	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R765	0RJ0332D677	33 OHM 1/10 W 5% 1608 R/TP
		R766	0RJ0332D677	33 OHM 1/10 W 5% 1608 R/TP
		R767	0RJ1001D677	1K OHM 1/10 W 5% 1608 R/TP

DATE: 2003. 8. 25.

*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R768	0RJ1001D677	1K OHM 1/10 W 5% 1608 R/TP
		R769	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R770	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R771	0RJ4701D677	4.7K OHM 1/10 W 5% 1608 R/TP
		R772	0RJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R773	0RJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R774	0RJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R775	0RJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R776	0RJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R777	0RJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R811	0RJ2202D677	22K OHM 1/10 W 5% 1608 R/TP
		R812	0RJ2001D677	2K OHM 1/10 W 5% 1608 R/TP
		R813	0RJ2202D677	22K OHM 1/10 W 5% 1608 R/TP
		R814	0RJ5600D677	560 OHM 1/10 W 5% 1608 R/TP
		R815	0RJ2202D677	22K OHM 1/10 W 5% 1608 R/TP
		R816	0RJ2201D677	2200 OHM 1/10 W 5% 1608 R/TP
		R840	0RJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R841	0RJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R842	0RJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R843	0RJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R844	0RJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R845	0RJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R846	0RJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R847	0RJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R848	0RJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
		R849	0RJ0102D677	10 OHM 1/10 W 5% 1608 R/TP
	OTHERs			
		X501	6212AA2004A	HC-49U TXC 12.0MHZ +/- 30 PP
	SOUND BOARD			
		C1	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C2	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		C3	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
		J1	6630VK08908	B08B-PASK JST 8P 2.0MM LOCK
		J1	6602T10001D	SM10B-SRSS-TB JST 10P 1.0MM
		J1	6602T10001H	SM07B-SRSS-TB JST 7P 1.0MM R
		J2	6612F00001E	DJ-S360GN KSD STEREO GREEN R
		J2	6602T10001H	SM07B-SRSS-TB JST 7P 1.0MM R
		J3	6630VK09004	S04B-PASK-2 JST 4P 2.0MM LOC
		LED1	0DLLT0208AA	LITEON LTST-C155KGJSKT R/TP
		R1	0RJ4700D677	470 OHM 1/10 W 5% 1608 R/TP
		R10	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R2	0RJ1000D677	100 OHM 1/10 W 5% 1608 R/TP
		R3	0RJ1501D677	1.5K OHM 1/10 W 5% 1608 R/TP
		R4	0RJ1501D677	1.5K OHM 1/10 W 5% 1608 R/TP
		R5	0RJ3301D677	3.3K OHM 1/10 W 5% 1608 R/TP
		R6	0RJ3301D677	3.3K OHM 1/10 W 5% 1608 R/TP
		R7	0RJ9101D677	9.1K OHM 1/10 W 5% 1608 R/TP
		SW1	6600R000002	SKQRAAE010 J-ALPS 12V DC 50M
		SW2	6600R000002	SKQRAAE010 J-ALPS 12V DC 50M
		SW3	6600R000002	SKQRAAE010 J-ALPS 12V DC 50M
		SW4	6600R000002	SKQRAAE010 J-ALPS 12V DC 50M
		SW5	6600R000002	SKQRAAE010 J-ALPS 12V DC 50M
		SW6	6600R000002	SKQRAAE010 J-ALPS 12V DC 50M
		SW7	6600R000002	SKQRAAE010 J-ALPS 12V DC 50M
		U1	0IPRPTX001A	TSL2550T TAOS 4P, TRAY LIGHT
		ZD1	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD1	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD2	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32

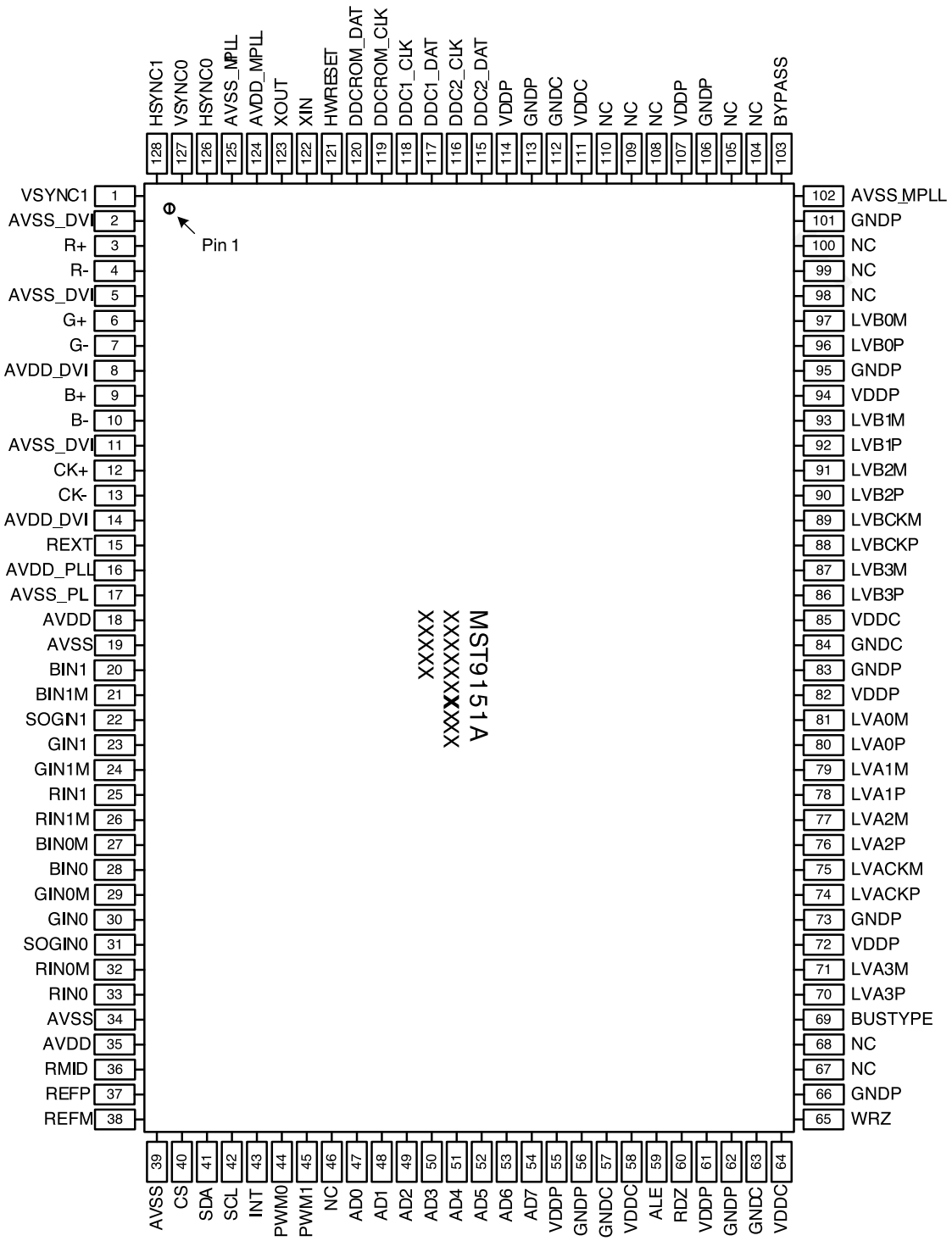
DATE: 2003. 8. 25.

*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		ZD2	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD3	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD4	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD5	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32
		ZD6	0DZ560009GB	BZT52C5V6S DIODES R/TP SOD32

PIN CONFIGURATION

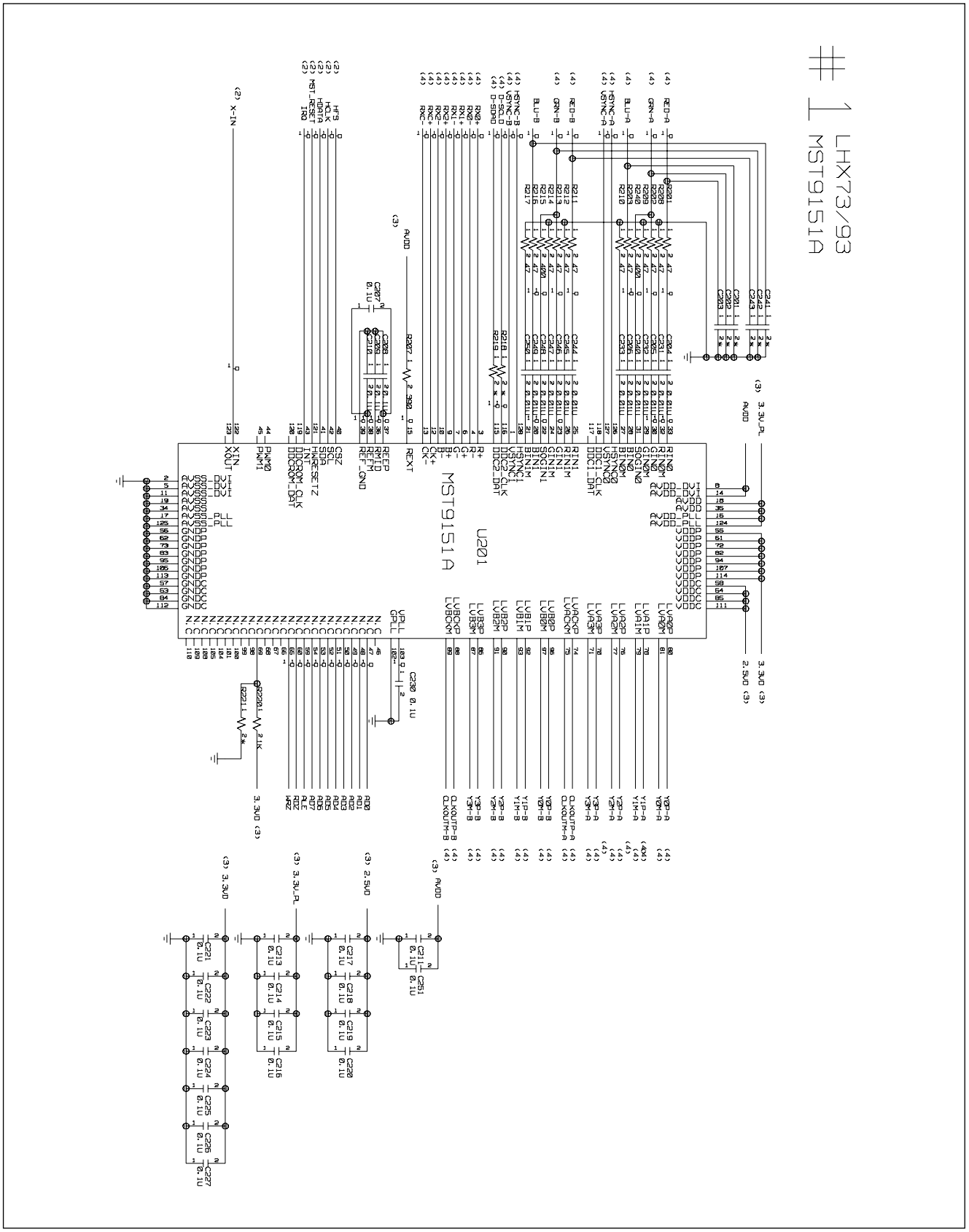
MST9151A DUAL DVI-PARALLEL

PIN DIAGRAM

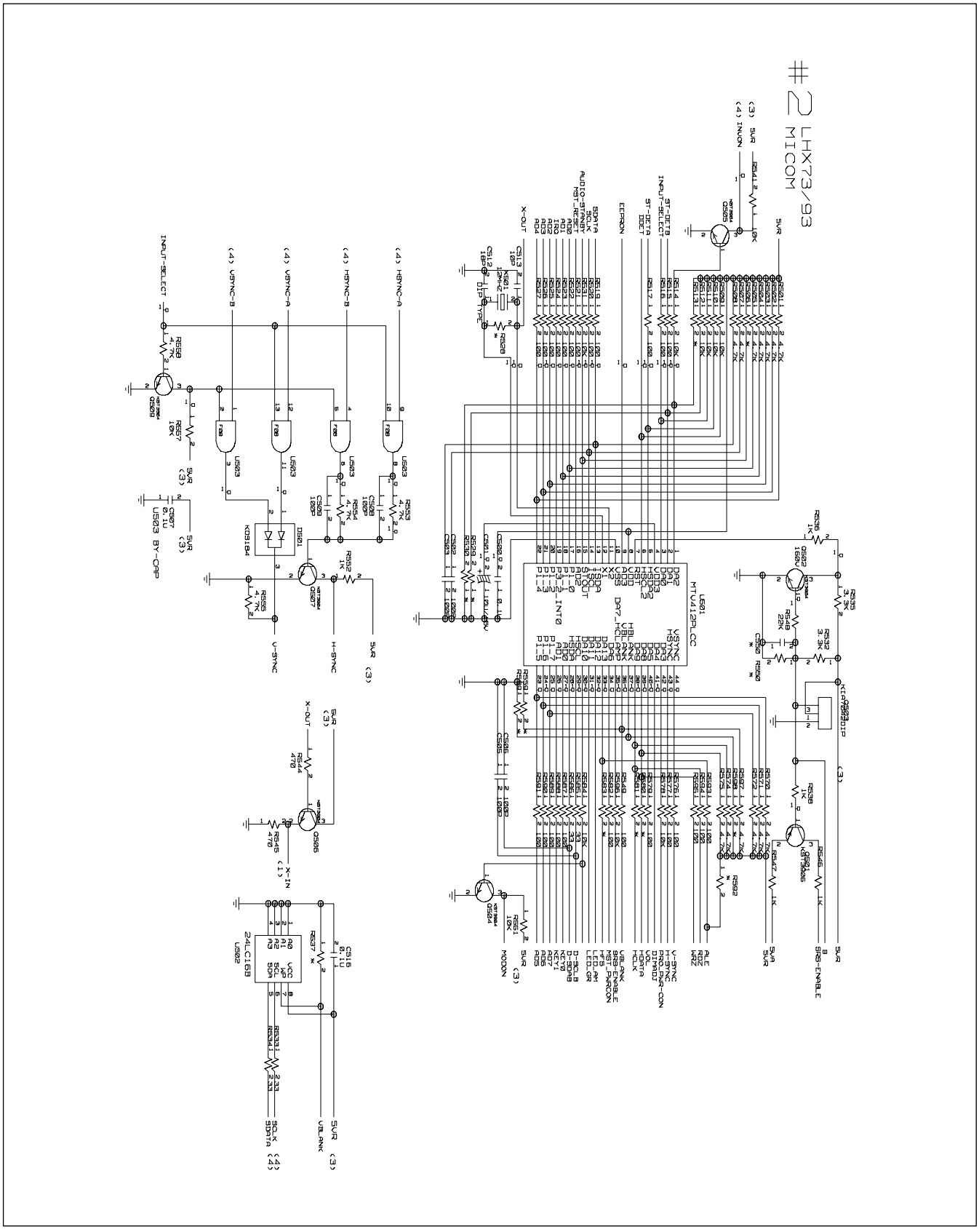


SCHEMATIC DIAGRAM

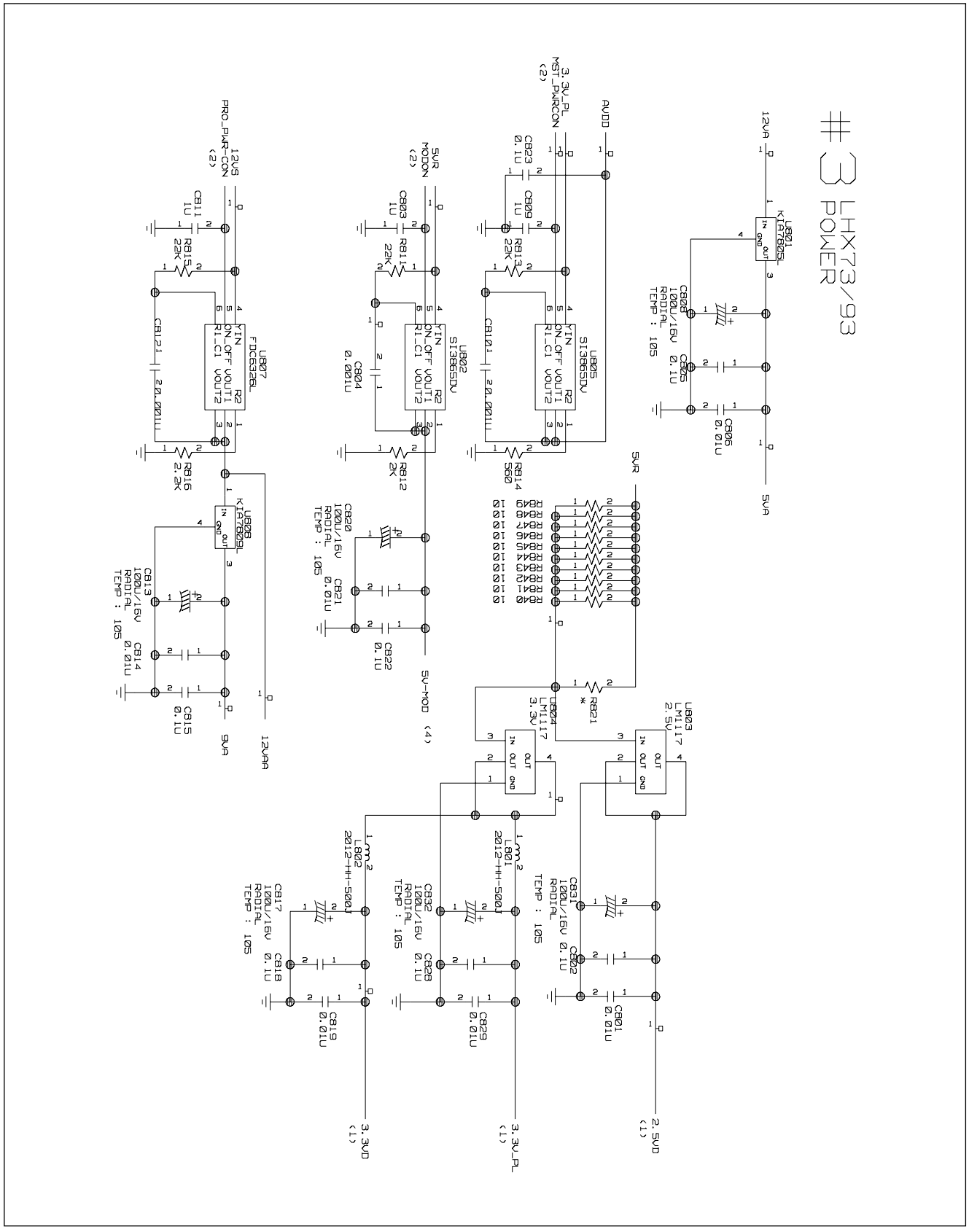
1. MST9151



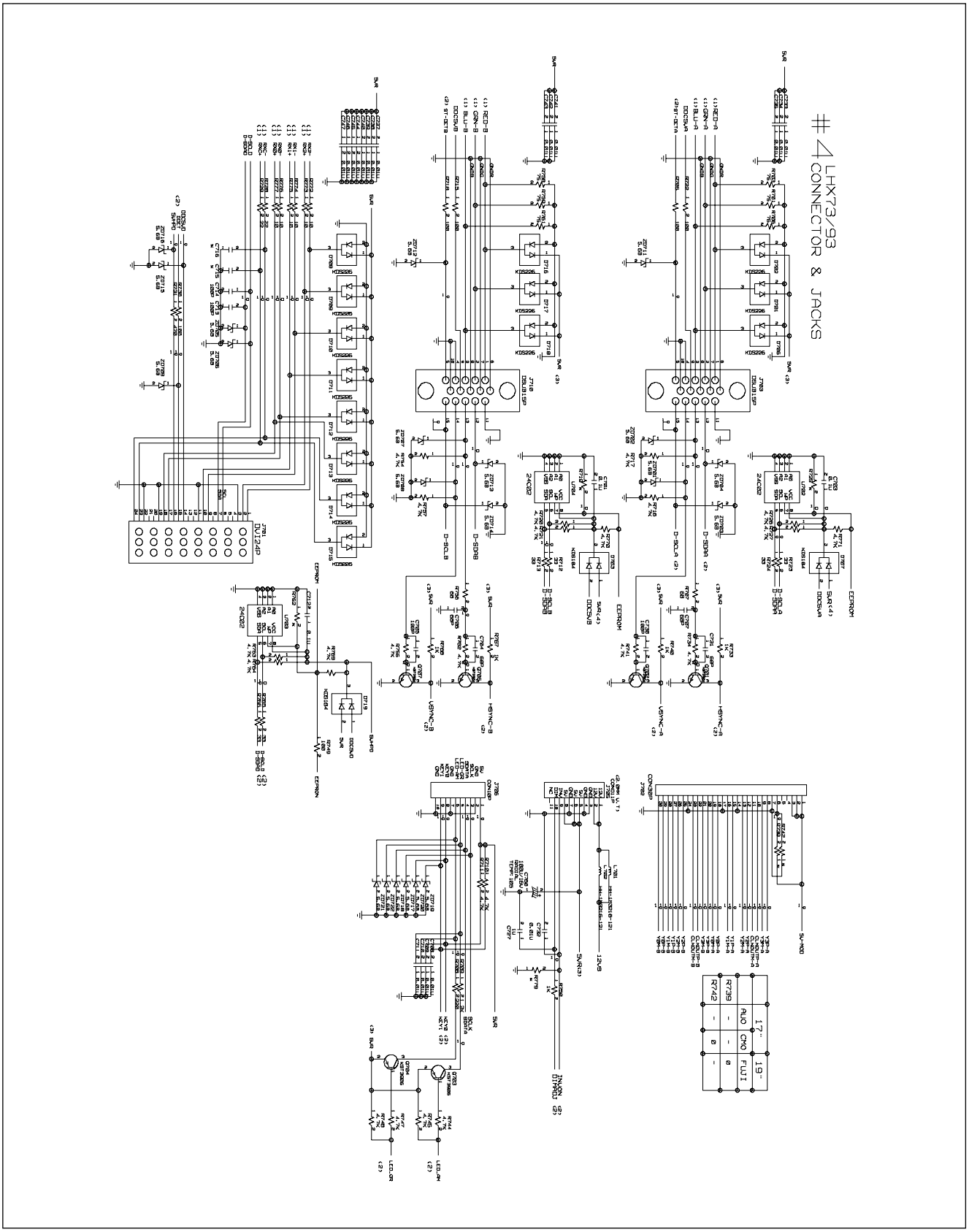
2. MICOM



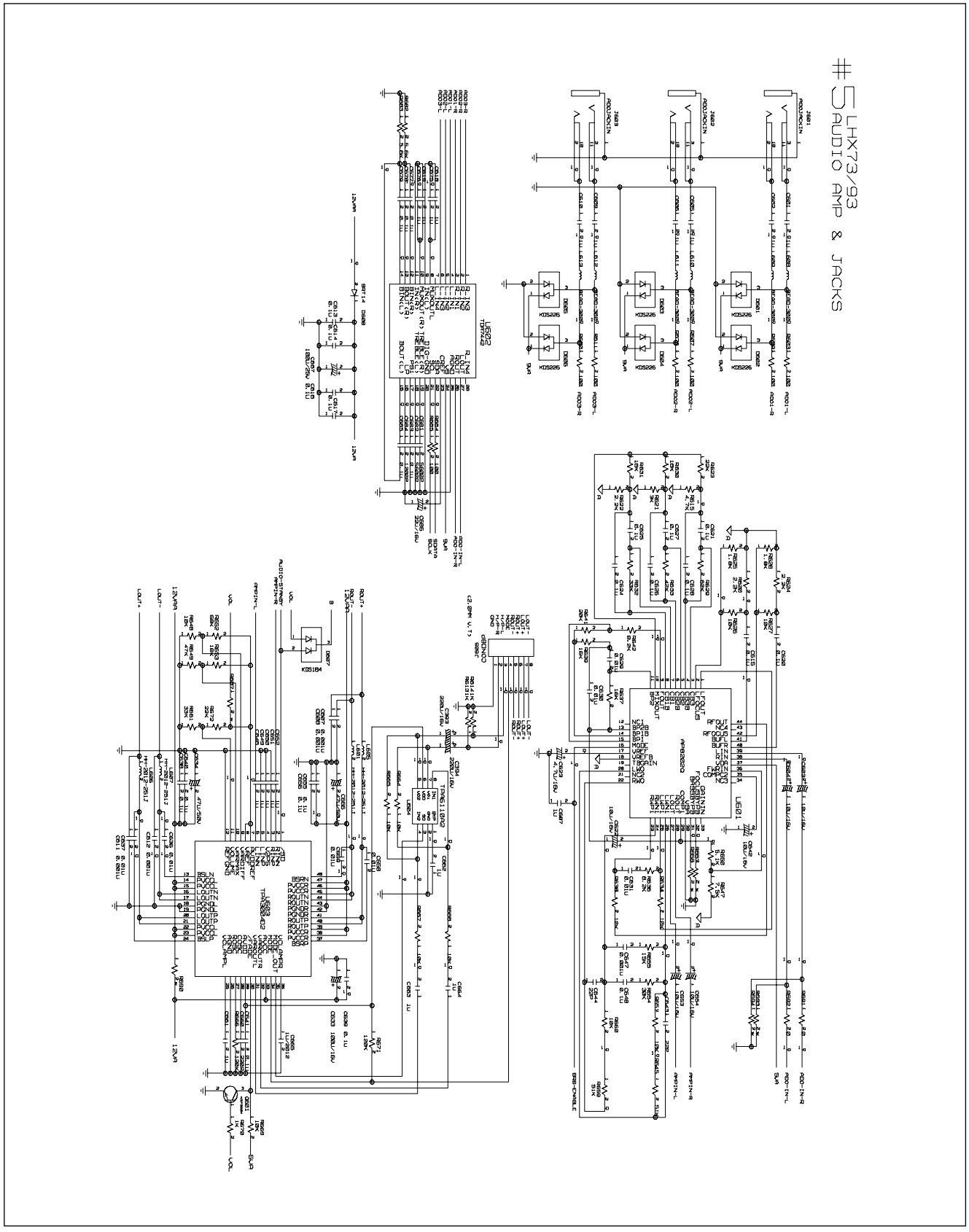
3. POWER


#3 LHX73/93 POWER
12VA
U801 KIA7805L
C808 100U/16V RADIAL TEMP : 105
C805 0.1U
C806 0.01U
5VA
AVDD
3.3V_PL <2>
MST_PWRCON
C823 0.1U
C809 1U
R813 22K
C8101 20.001U
U805 SI3865DV
R814 560
5VR
SVR MODON <2>
C803 1U
R811 22K
C804 0.001U
U802 SI3865DV
R812 2K
C820 100U/16V RADIAL TEMP : 105
C821 0.01U
C822 0.1U
5V-MOD <4>
PRO_PWR-CON <2>
12V5
C811 1U
R815 22K
C8121 20.001U
U807 FDC632L
R816 2.2K
U808 KIA7805L
C813 100U/16V RADIAL TEMP : 105
C814 0.01U
C815 0.1U
5VA
12VAA
R821 *
U804 LM1117 3.3V
U803 LM1117 2.5V
C831 100U/16V RADIAL
C802 0.1U
C801 0.01U
2.5VD <1>
1.0M2 L802 2012-HH-500J
C817 100U/16V RADIAL TEMP : 105
C818 0.1U
C819 0.01U
3.3VD <1>
1.0M2 L801 2012-HH-500J
C832 100U/16V RADIAL TEMP : 105
C828 0.1U
C829 0.01U
3.3V_PL <1>

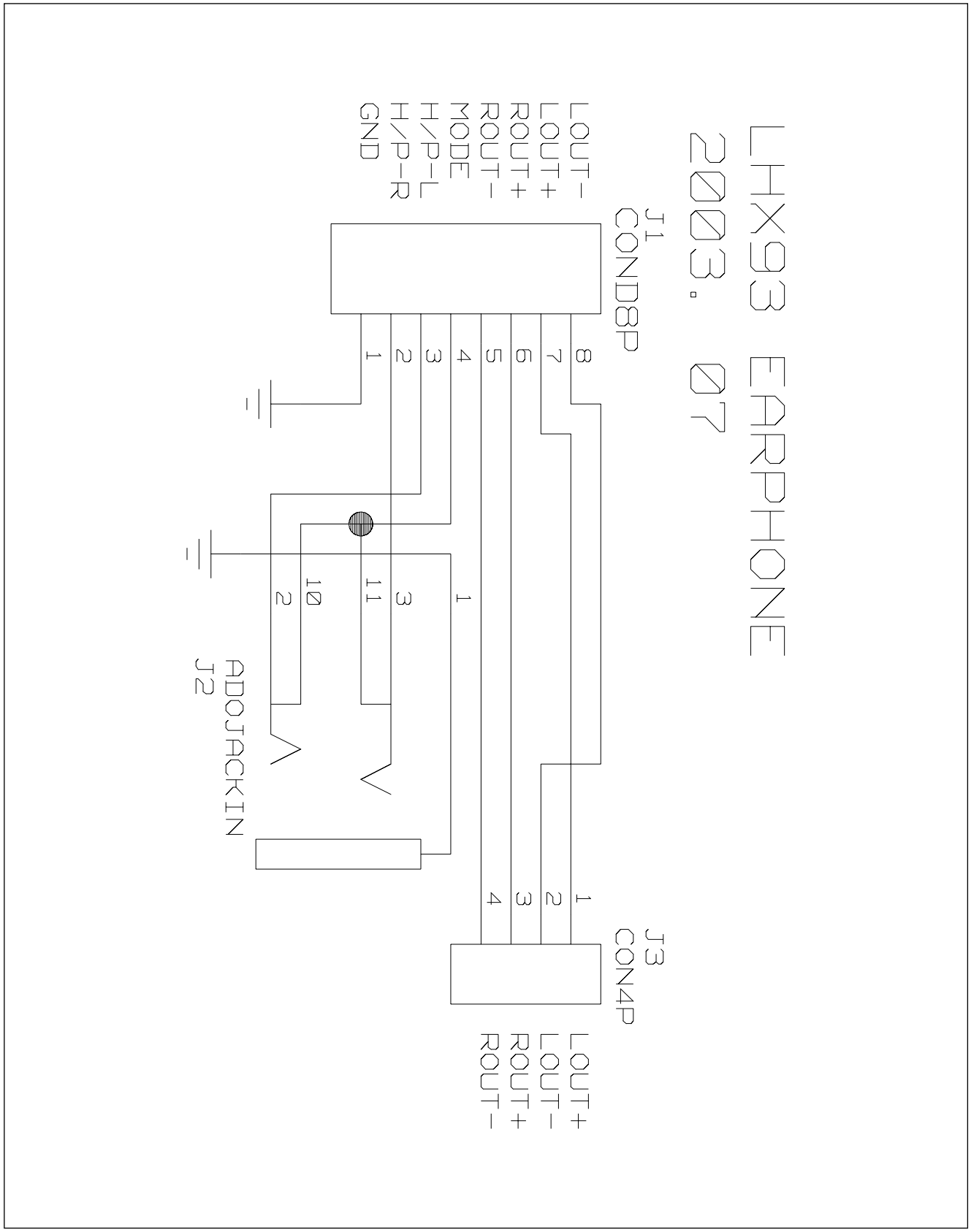
4. CONNECTOR & JACKS



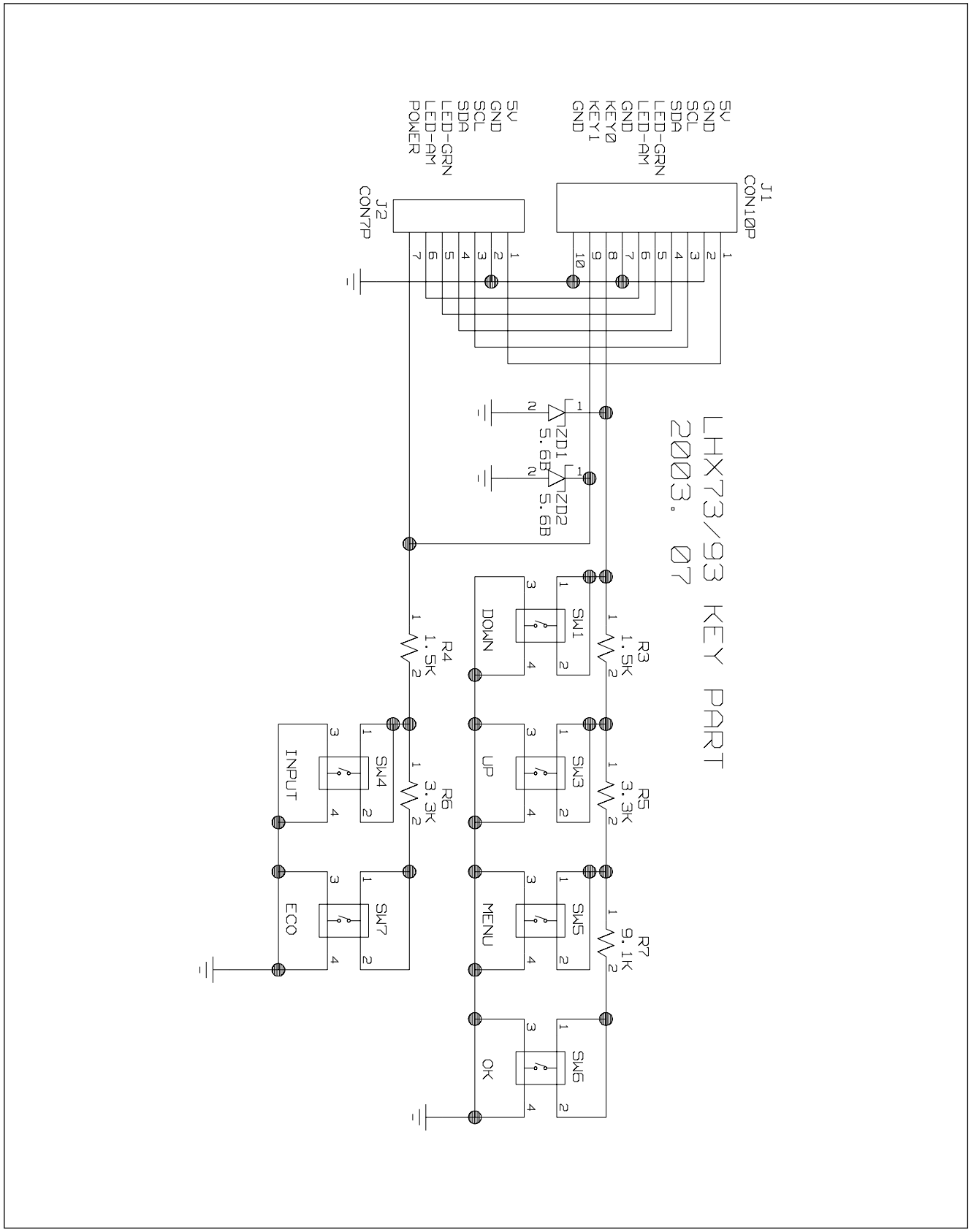
5. AUDIO AMP & JACKS



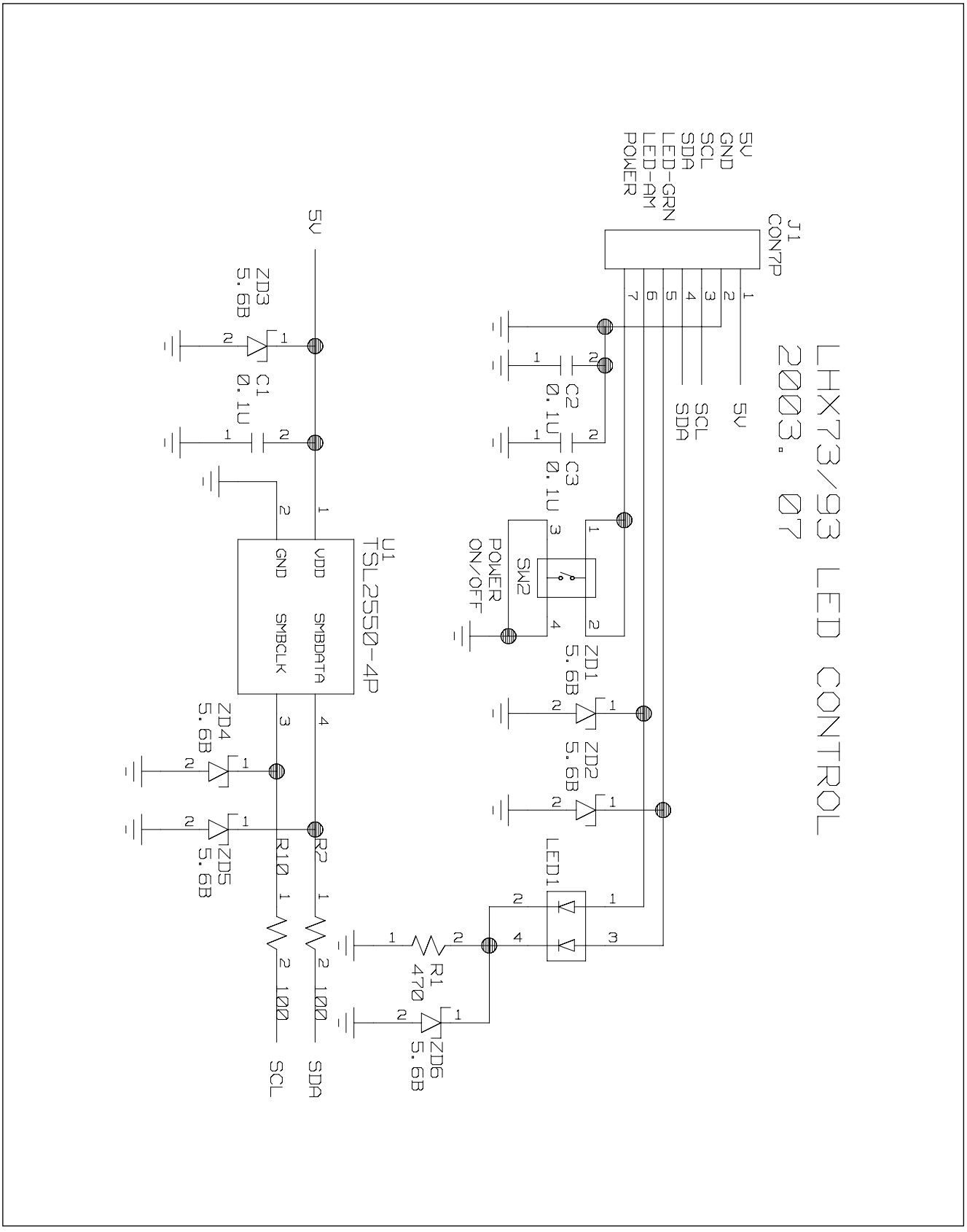
6. EARPHONE


LHX93 EARPHONE
2003. 07
J1
CON8P
LOUT-
LOUT+
ROUT+
ROUT-
MODE
H/P-L
H/P-R
GND
1
2
3
4
5
6
7
8
J3
CON4P
LOUT+
LOUT-
ROUT+
ROUT-
ADOJACKIN
J2
10
11

7. KEY


LHX73/93 KEY PART
2003. 07
J1
CON10P
5V
GND
SCL
SDA
LED-GRN
LED-AM
GND
KEY0
KEY1
GND
J2
CON7P
5V
GND
SCL
SDA
LED-GRN
LED-AM
POWER
ZD1
5.6B
ZD2
5.6B
SW1
SW3
SW5
SW6
SW4
SW7
DOWN
UP
MENU
OK
INPUT
ECO
R3
1.5K
R4
1.5K
R5
3.3K
R6
3.3K
R7
9.1K

8. LED CONTROL



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