

Service
Service
Service



Service Manual

Horizontal Frequency
30kHz-60kHz

TABLE OF CONTENTS

Description	Page	Description	Page
Table Of Contents.....	1	6. Schematic.....	14
Revision List.....	2	6.1 Main Board.....	14
1. Monitor Specification.....	3	6.2 Power Board.....	19
2. LCD Monitor Description.....	4	6.3 Audio Board.....	21
3. Operation Instruction.....	5	7. PCB Layout.....	23
3.1. General Instructions.....	5	7.1. Main Board.....	23
3.2. Control Button and Connectors.....	5	7.2. Power Board.....	26
3.3 Adjusting the Picture.....	5	7.3 Audio Board.....	29
4. Input/Output Specification.....	7	7.4. Key Board.....	29
4.1. Input Signal Connector.....	7	8. Maintainability.....	30
4.2. Factory Preset Display Modes.....	7	8.1.Equipments and Tools Requirement.....	30
4.3. Panel Specification.....	8	8.2.Trouble Shooting.....	31
5. Block Diagram.....	11	9. White-Balance, Luminance adjustment.....	37
5.1 Software Flow Chart.....	11	10. Monitor Exploded View.....	38
5.2.Main Board Block Diagram.....	13	11. BOM List.....	39

Safety Notice

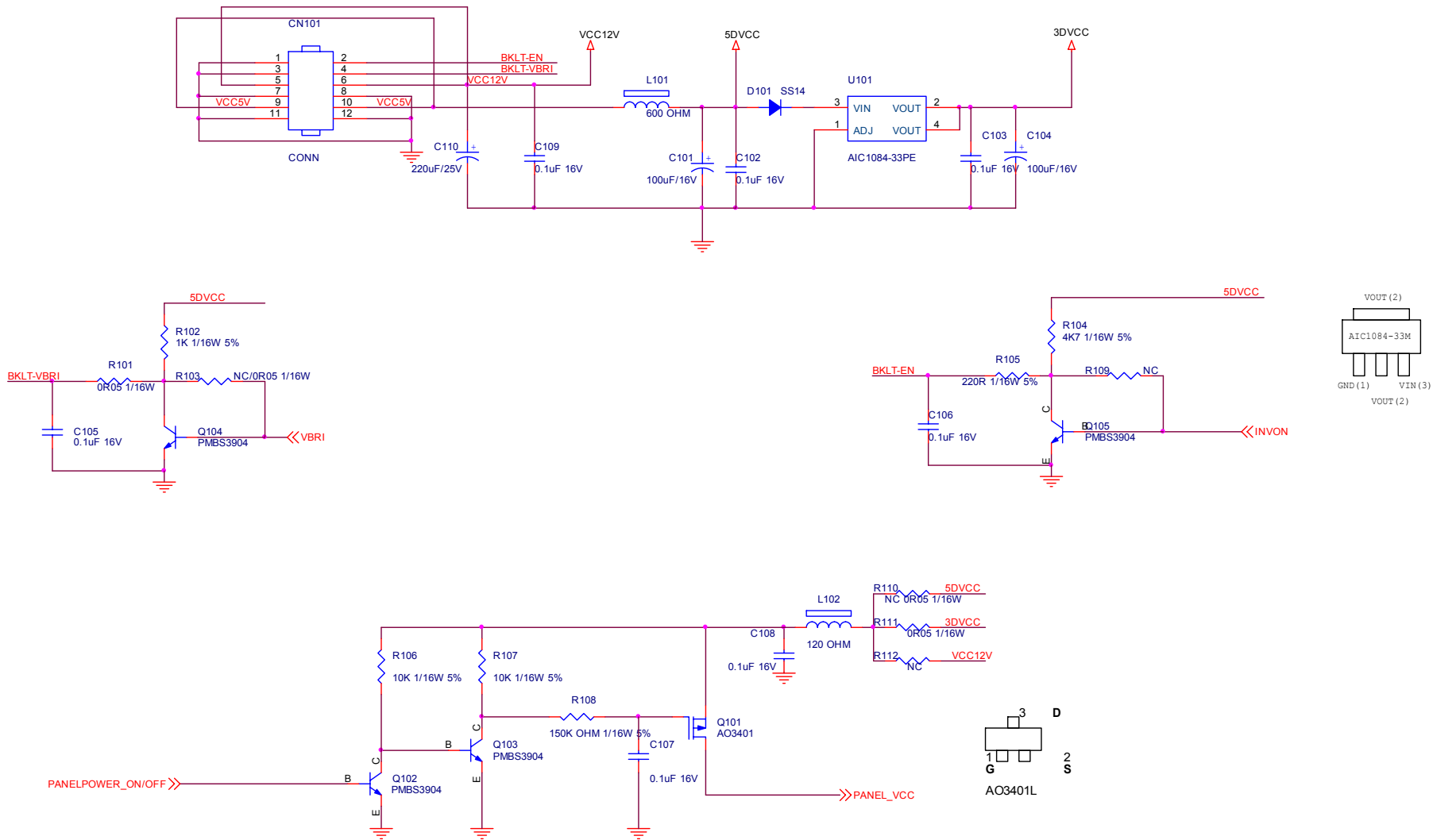
ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

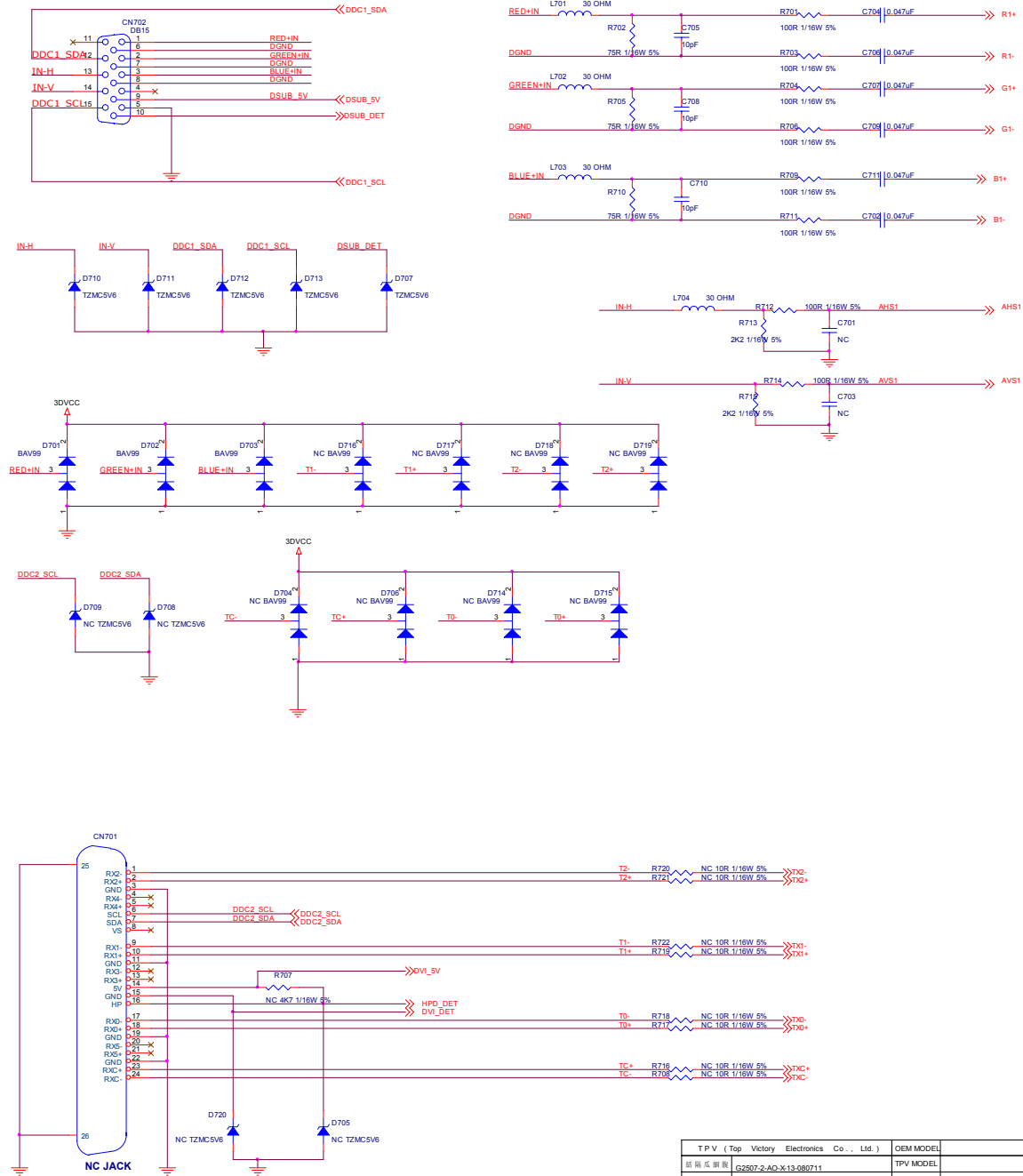
6. Schematic

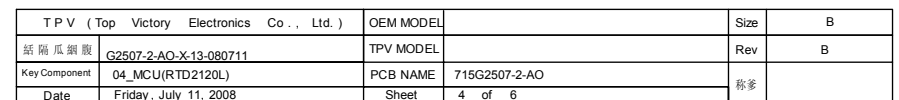
6.1 Main Board

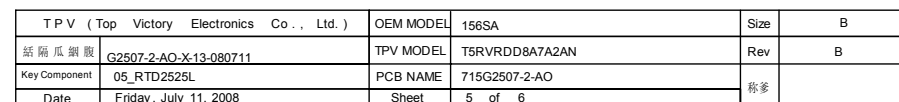
715G2507 2 AO

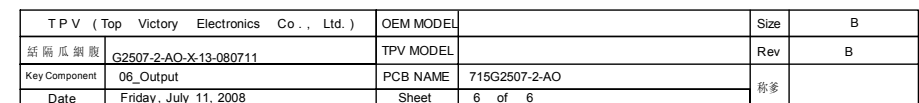


TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL		Size	B
结隔瓜铜腹	G2507-2-AO-X-13-080711	TPV MODEL	Rev	B
Key Component	02_Power	PCB NAME	715G2507-2-AO	称爹
Date	Friday, July 11, 2008	Sheet	2 of 6	



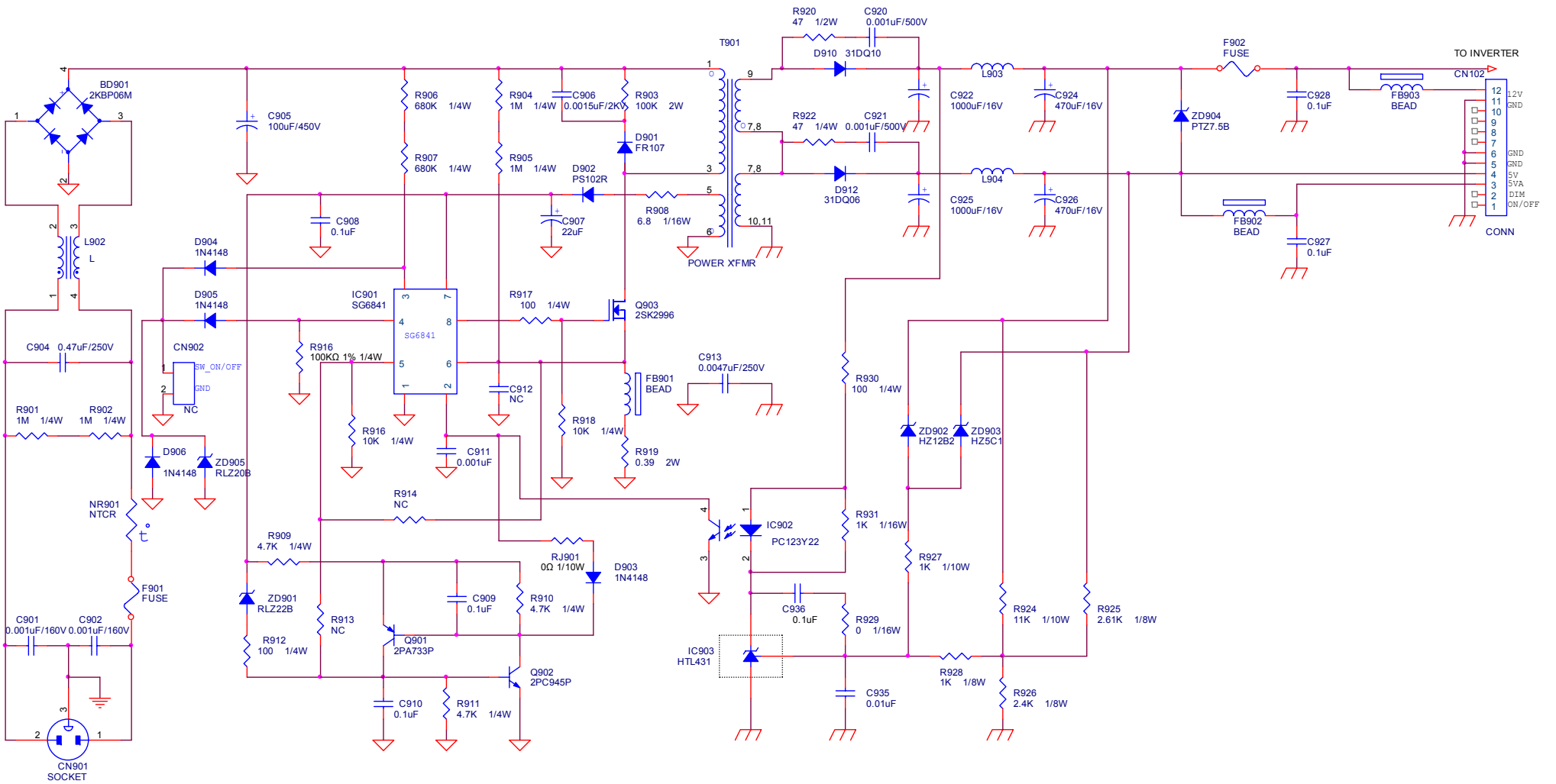




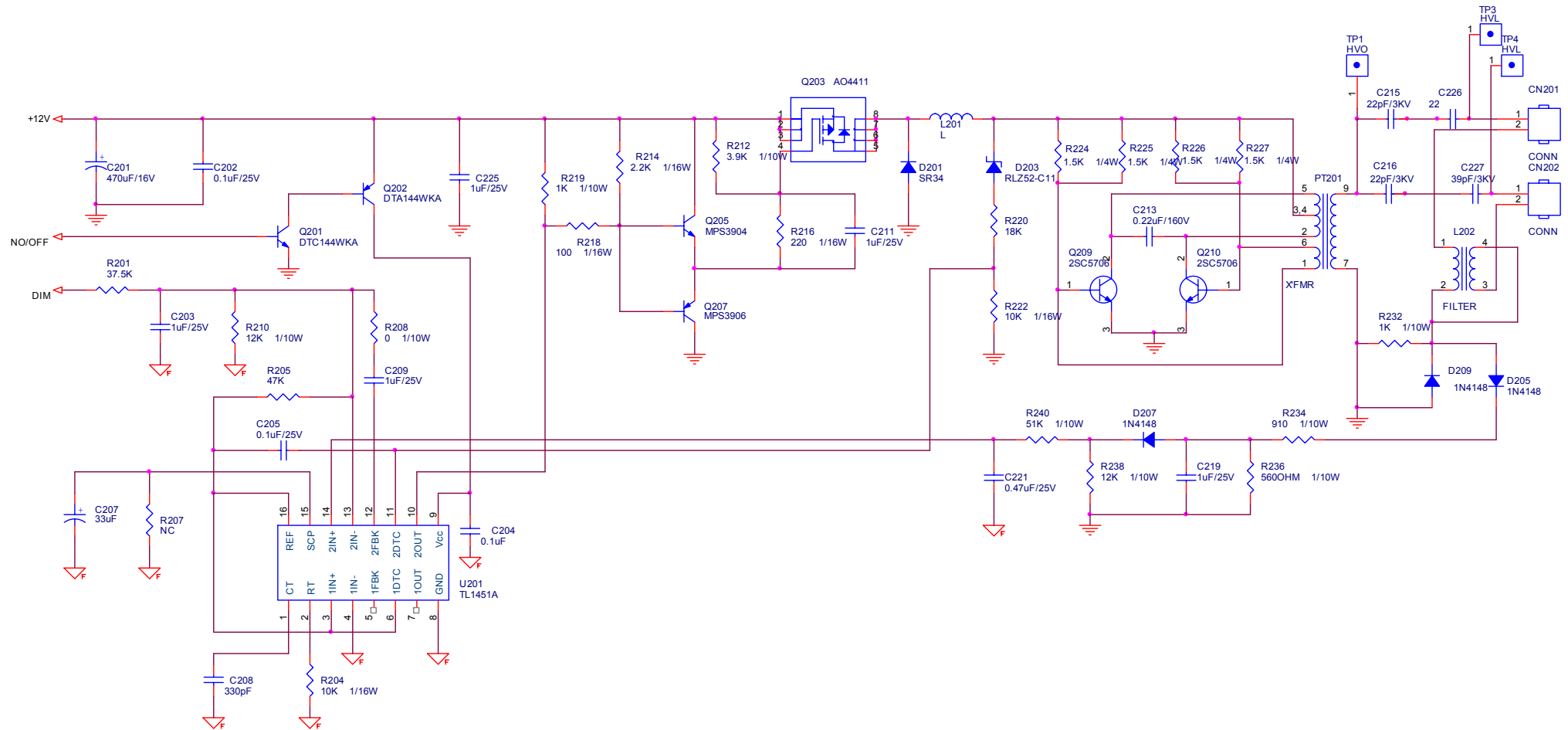



15" LCD Color Monitor
6.2 Power Board
715G1034 1 AO


Lenovo D153



TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL		Size	B
紙隔瓜網膜	G1034-1-AO-X-5-070814	TPV MODEL		Rev
Key Component	01.COVER	PCB NAME	715G1034-1-AO	1
Date	Wednesday, August 15, 2007	Sheet	2 of 3	修參



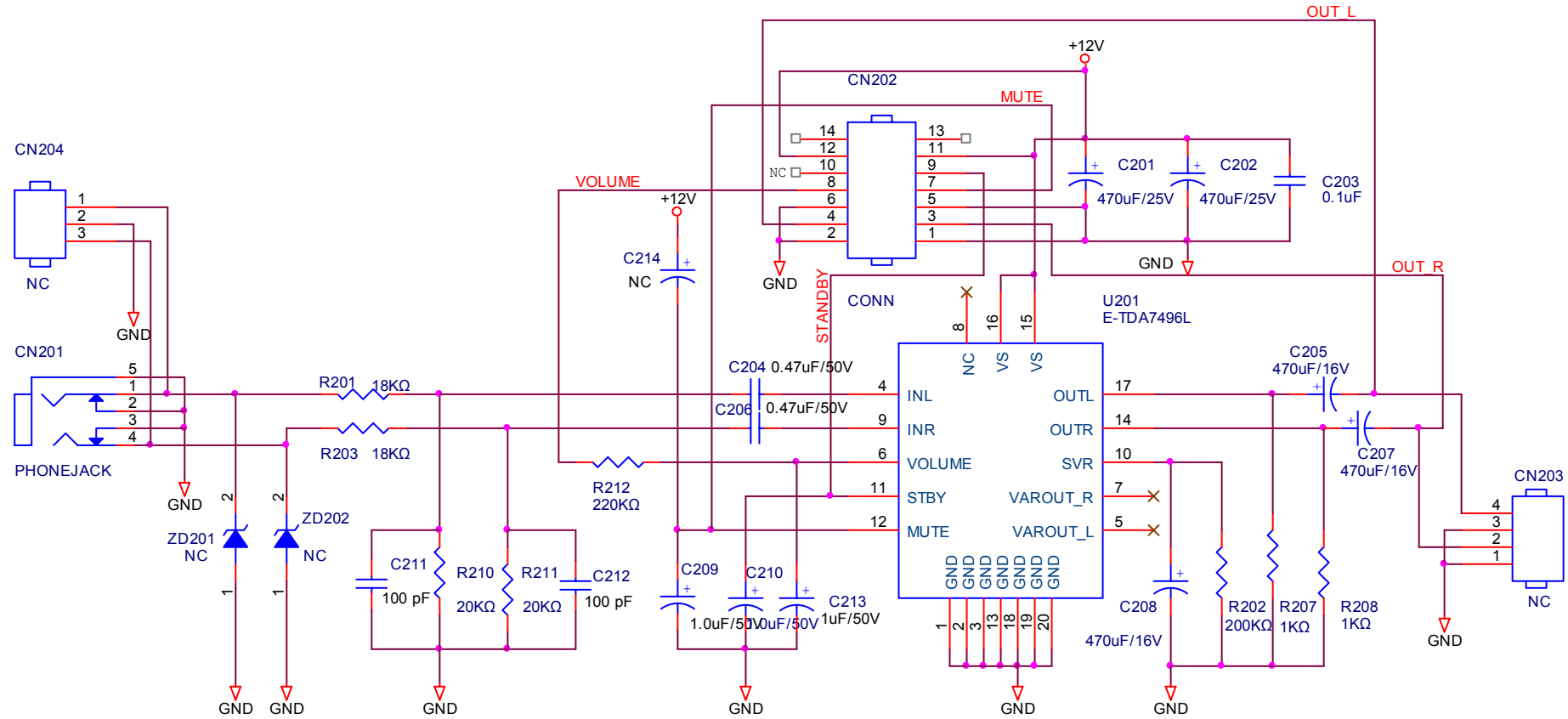
 is power GND

 is signal GND

TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL		Size	B
絲瓜瓜網膜	G1034-1-AO-X5-070814	TPV MODEL		Rev	1
Key Component	01.COVER	PCB NAME	715G1034-1-AO	稱爹	<稱爹>
Date	Tuesday, August 14, 2007	Sheet	3 of 3		

6.3 Audio Board

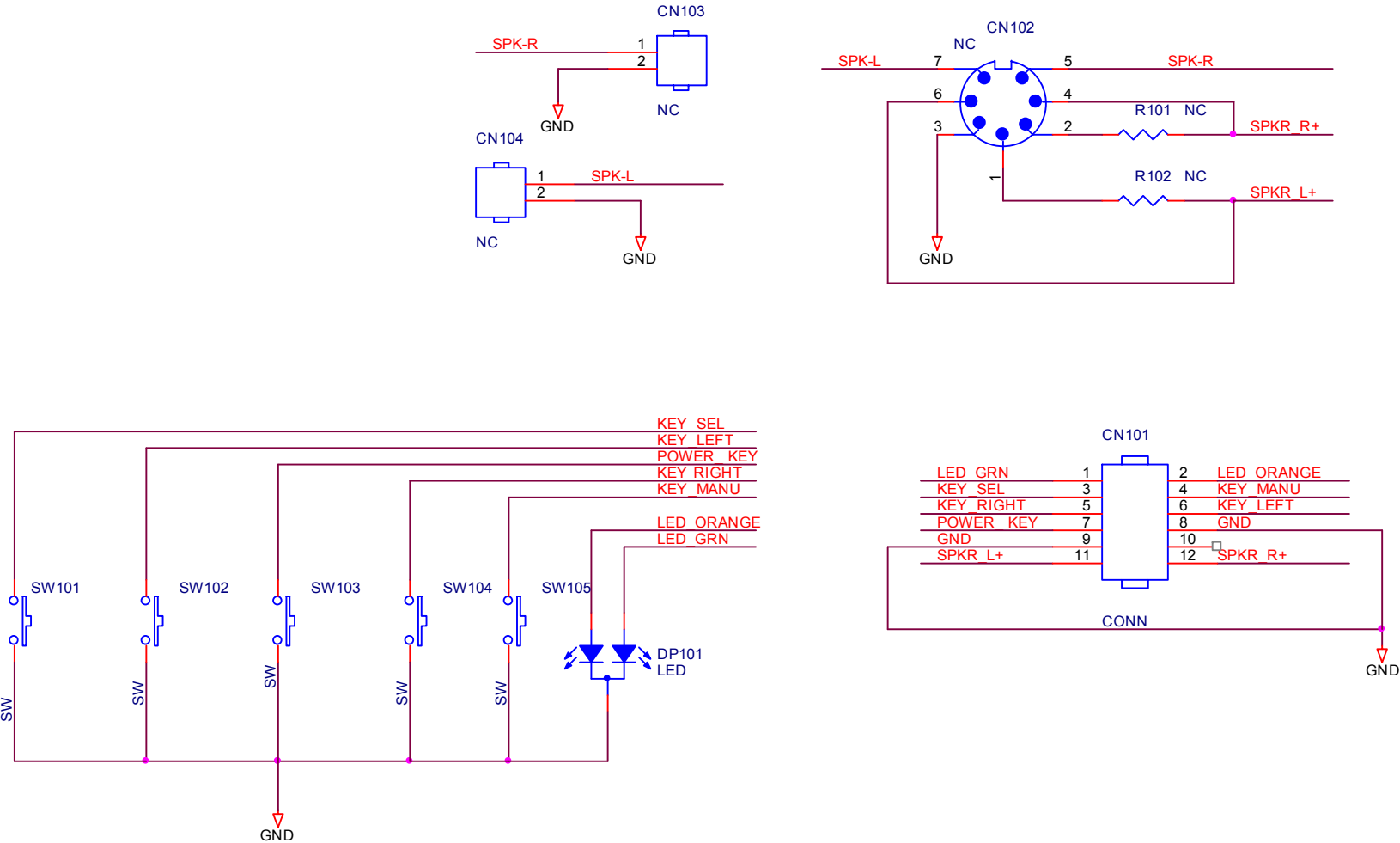
715G2709 1 2



TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL		Size	A
結隔瓜網腹	G2709-C-3-X-2-070626	TPV MODEL	Rev	C
Key Component	02.AUDIO BOARD	PCB NAME	715G2709-C-3	称爹
Date	Tuesday, June 26, 2007	Sheet	2 of 2	

6.4 Key Board

715G1244 3 2



AOC (Top Victory) Electronics Co., Ltd.		
Title		
02.KEYPAD		
Size	Document Number	Rev
	G1244-2-A-X-3-070323	A
Date:	Friday, March 23, 2007	Sheet 2 of 2