SERVICE MANUAL

维 修 手 册

客户/品牌	机种名
AOC	**e950SWda**

本手册适用于主板 **715G4502-Scalar IC NT68660**，

具 **DVI** 接口，内置音频放大**+**喇叭

变更说明

版本	发布日期	变更说明	对外机种名	对内机种名
A00	Jul-16-2011	Initial Release	AOCe950SWda	T8BMN26CAGA1DNJ
A01	Sep-16-2011	Add 机种名	AOCe950SWda	T8BMN26BAGA1DNJ T8B2N26CAGA1DNJ T8B2N26BAGA1DNJ

目　　录

1.显示器特性

1.1 技术参数

Monitor	Model	AOC e950SWda*
LCD Panel	Driving system	TFT Color LCD
	Active Display Area	18.5” 409.8mm (W)×230.4mm(H)
	Pixel Pitch	0.3 mm×0.3mm
	Max. Resolution	1366 x 768@60Hz
	Display Colors	16.7M Colors
Input	Video	R,G,B Analog Interface，75ohm,0.7V
		DVI digital interface, 0.15-1.2V
	Separate Sync.	H/V TTL
	H-Frequency	30kHz—81kHz
	V-Frequency	56Hz--75Hz
	Audio	Line in Audio
Connector		D-Sub 15pin / DVI 24pin
		Ø3.5 Audio Line in
Dot Clock		210MHz-
Speaker		Built-in speaker 内置喇叭 2×2W
Plug & Play		VESA DDC2B DDC/CI
Power Consumption	ON Mode	<25W
	Power Saving Mode	<1W
	Switch OFF	<0.5W
Power Source		90~264VAC,47~63Hz, 1.5A Max supply current
Environmental Considerations		Operating Temp: 0° to 40°C Storage Temp.: -20° to 60°C Operating Humidity : 8% to 80%
Dimensions(including stand)		444.0(W)x345.5(H)x170.0 (D)mm
Weight (N. W.):		3.0kg
Safety		FCC B CE mark CCC IEC950CB etc.

1.2 工厂预设模式

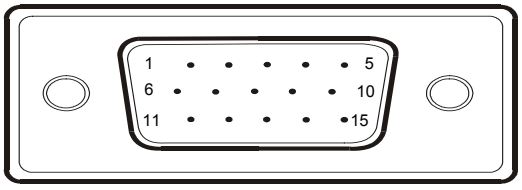
标准	分辨率	行频	场频
Dos-模式	720 × 400	31.47kHz	70Hz
VGA	640 × 480	31.47kHz	60Hz
	640 × 480	31.47kHz	67Hz
	640 × 480	31.47kHz	72Hz
	640 × 480	37.50kHz	75Hz
SVGA	800 × 600	37.879kHz	56Hz
	800 × 600	37.879kHz	60Hz
	800 × 600	46.875kHz	72Hz
	800 × 600	46.875kHz	75Hz
	832 × 624	49.725kHz	75Hz
XGA	1024 × 768	48.363kHz	60Hz
	1024 × 768	56.476kHz	70Hz
	1024 × 768	60.02kHz	75Hz
SXGA	1280 × 720	44.77kHz	59.85Hz
WXGA	1360×768	47.712 kHz	60.0 Hz
WXGA	1366×768	47.712 kHz	59.79 Hz

1.3 本机特点

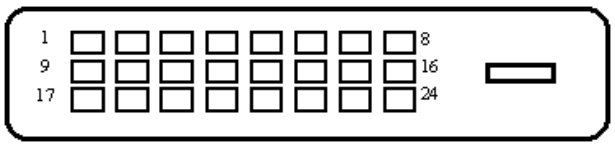
- 18.5”W LCD， LED 背光，最大分辨率 1366 x 768/60Hz，
- 输入信号接口 VGA+DVI，
- 动态对比度 20M:1，5 个用户模式，新型 OSD 界面；16 种语言菜单；
- 具有外接音频输入接口
- 增加内置喇叭 2×2W；

1.4 接口说明

VGA connector

Pin No.	Description	Pin No.	Description
1.	Red Input	9.	+5VDC
2.	Green Input	10.	GND
3.	Blue Input	11.	GND
4.	GND	12.	SDA- DDC-Serial Data
5.	Connection detect	13.	H Sync
6.	Red GND	14.	V Sync
7.	Green GND	15.	SCL- DDC-Serial Clock
8.	Blue GND		
VGA Connector layout			

DVI Connector

Pin No.	Description	Pin No.	Description
1.	TMDS Data 2-	13.	TMDS Data 3+
2.	TMDS Data 2+	14.	+5V Power
3.	TMDS Data 2/4 Shied	15.	Ground (for +5V)
4.	TMDS Data 4-	16.	Hot Plug Detect
5.	TMDS Data 4+	17.	TMDS Data 0+
6.	DDC Clock	18.	TMDS Data 0-
7.	DDC Data	19.	TMDS Data 0/5 Shield
8.	N.C.	20.	TMDS Data 5-
9.	TMDS Data 1-	21.	TMDS Data 5+
10.	TMDS Data 1+	22.	TMDS Clock Shield
11.	TMDS Data 1/3 Shield	23.	TMDS Clock+
12.	TMDS Data 3-	24.	TMDS Clock-
DVI Connector layout			

1.5 面板特性

Item	Specification	Unit
Active Area	409.8 (H) × 230.4(V) (18.5" diagonal)	mm
Bezel Opening Area	413.4 (H) x 234 (V)	mm
Driver Element	a-si TFT active matrix	-
Pixel Number	1366 x R.G.B. x 768	pixel
Pixel Pitch	0.3 (H) x 0.3 (V)	mm
Pixel Arrangement	RGB vertical stripe	-
Display Colors	16.7M	color
Transmissive Mode	Normally White	-
Surface Treatment	3H hard coating, Haze 25%	-
Module Power Consumption	12.5	Watt

机械特性

Item		Min.	Typ.	Max.	Unit
Module Size	Horizontal(H)	429.9	430.4	430.9	mm
	Vertical(V)	254.2	254.7	255.2	mm
	Depth(D)	-	11.1	11.6	mm
Weight		-	1530	1580	g

极限参数

Item	Symbol	Value		Unit
		Min.	Max.	
Storage Temperature	T_{ST}	-20	+60	ºC
Operating Ambient Temperature	T_{OP}	0	+50	ºC
Shock (Non-Operating)	S_{NOP}	-	50	G
Vibration (Non-Operating)	V_{NOP}	-	1.5	G

Item	Symbol	Value		Unit
		Min.	Max.	
Power Supply Voltage	Vcc	-0.3	+6	V

Item	Symbol	Value			Unit
		Min.	Typ.	Max.	
Light bar DC forward current	I_F	---	240	252	mA
Light bar Peak pulse current	I_P	---	---	400	
LED Reverse voltage	Vr	---	---	5	V

电气特性

Ta = 25± 2 ºC

Parameter		Symbol	Value			Unit	Note
			Min.	Typ.	Max.		
Power Supply Voltage		Vcc	4.5	5	5.5	V	-
Ripple Voltage		V_{RP}	-	--	300	mV	-
Power on Rush Current		I_{RUSH}	-	--	3	A	(2)
Power Supply Current	White	Lcc	-	0.41	0.54	A	(3)a
	Black		-	0.57	0.76	A	(3)b
	Vertical Stripe		-	0.6	0.8	A	(3)c
Power consumption		Plcd	-	3.0	4.0	Watt	(4)
LVDS differential input voltage		Vid	200	-	600	mV	
LVDS common input voltage		Vic	-	1.2	-	V	
Logic High input voltage		VIH	2.0	-	2.7	V	
Logic Low input voltage		VIL	-	-	0.5	V	

Symbol	Parameter	Min.	Typ.	Max.	Unit	Note
I_{LB}	Light bar Operation Current	--	240	252	[mA]	Operating with fixed driving current
V_{LB}	Light bar Operation Voltage (for reference)	34.8	39.6	43.2	[Volt]	
P_{LB}	BLU Power Consumption (for reference)	--	9.5	10.9	[Watt]	
I_{FP}	LED Peak forward current	--	--	400	[mA]	Pulse Width ≦10 msec and Duty ≦ 1/10
L_{BL}	LED Life Time	--	30000	--	Hrs	

1.6 面板连接器

CN1：LVDS 连接器

Pin#	Signal Name	Pin#	Signal Name
1	NC	2	NC
3	NC	4	GND
5	RXIN0-	6	RXIN0+
7	GND	8	RXIN1-
9	RXIN1+	10	GND
11	RXIN2-	12	RXIN2+
13	GND	14	RXCLKIN-
15	RXCLKIN+	16	GND
17	RXIN3-	18	RXIN3+
19	GND	20	NC
21	NC	22	NC
23	GND	24	GND
25	GND	26	VCC
27	VCC	28	VCC
29	VCC	30	VCC

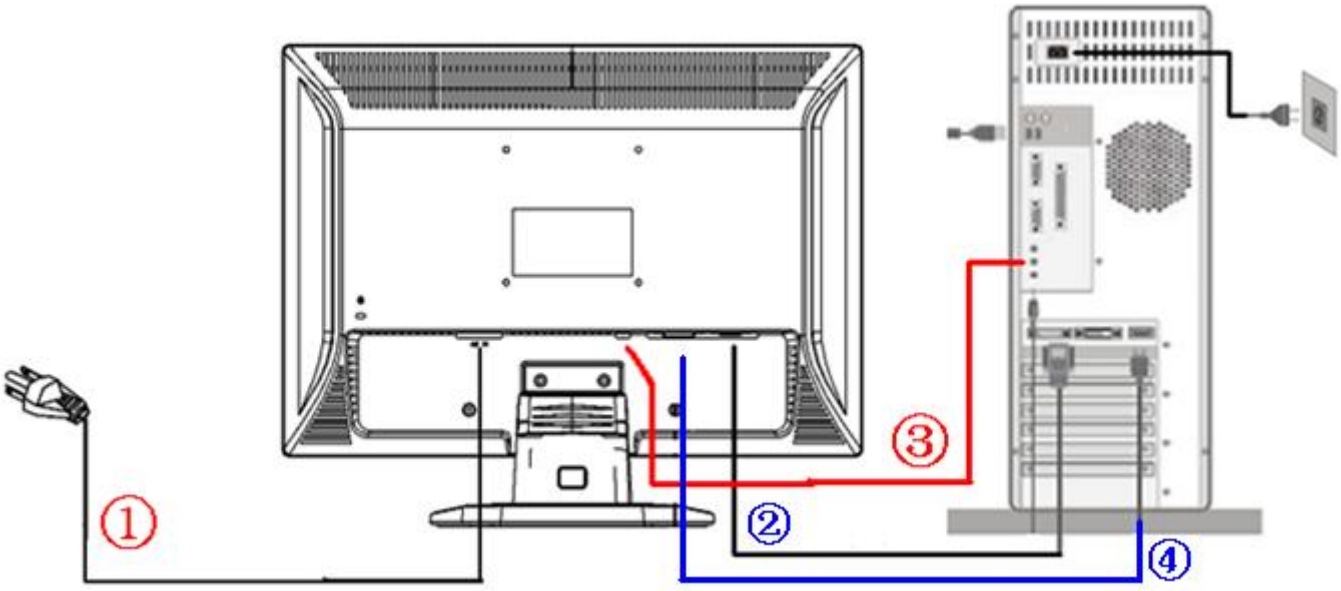
CN2：LED 背光连接器

Pin No.	Input	Color	Function
1	Hot1	White	High Voltage
2	Cold1	Black	Low Voltage

2.操作说明

2.1 连接显示器

- 将 VGA 信号线②或 DVI 线④连接到计算机- PC 显卡输出端，音频线③ 连接到 PC 声卡输出端 。
- 接好电源线①。



- 功能按键位于前面板下方。按电源开关即可开关显示器。通过调节这些功能键可得到您需要的画面。

2.2 控制按钮

	Icon	Control	Description
1	⏻	Power Button	Power ON/OFF,and power indicator(Blue and Orange).
2	MENU	Menu /Enter/OK	Active main menu while no OSD display,enter next level on main menu or sub menu status, or enter last level on adjustment bar.Continued pressing 10 seconds will lock menu or un-lock menu.
3	AUTO	Signal source Auto Adjustment Exit	If there is no any OSD, it is the Signal source switch, Pressed till 2 seconds, will enable auto configuration.
			Exit current OSD return to last level.
4	+	Decrease + adjusting	OSD, it will increase current value of bar, or move to last item of menu.
			If there is no any OSD,adjusted volume
5	−	Increase - adjusting	OSD, it will decrease current value of bar, or move to next item of menu.
			If there is no any OSD,Direct access to display mode

前面板控制

电源开关：

按此键开/关显示器的电源,并显示机器所处的状态。

电源指示灯

绿色或蓝色— 开机状态；橙色或红色— 待机状态

菜单键MENU/选择：

激活OSD菜单或功能调整确认。

“- +”左右选择：快捷键方式，**-，** 可以切换情景模式，**+，** 可以调节喇叭音量 ；

在OSD状态，按左右键可以选择所需要的菜单项.

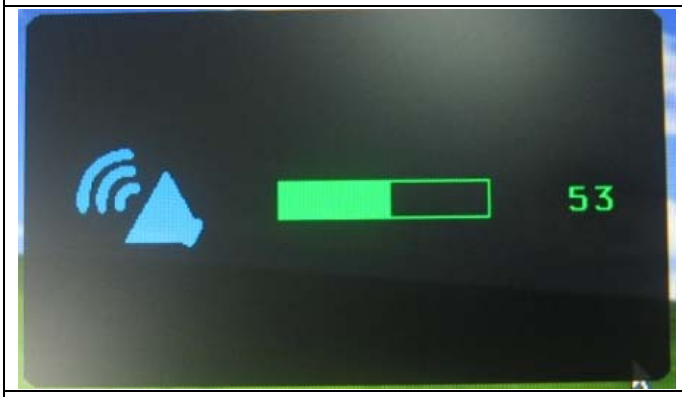
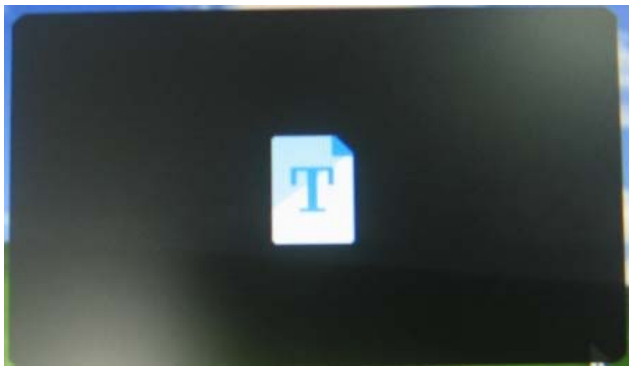
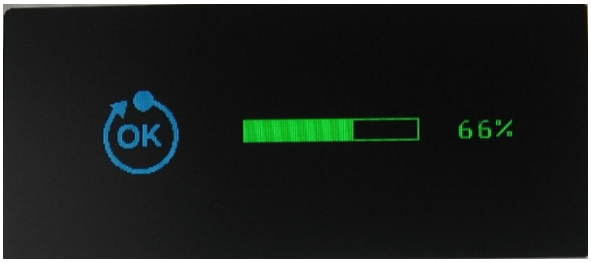
自动调节键/退出：

当OSD菜单为关闭状态时，轻按此键，进行信号源输入切换。按住此钮两秒以上，以激活自动调整功能。当OSD菜单为开启状态时，请按住此钮，以退出OSD菜单。

（自动调节功能将自动设置水平位置，垂直位置，时钟和相位）

OSD-锁定功能：

要锁定 OSD，请在显示器打开时按住 MENU 按钮，然后按电源按钮打开显示器。要解锁 OSD，请在显示器下一次打开时按住 MENU 按钮，然后按电源按钮打开显示器。

+	-
	
AUTO	Menu+power
 	

2.3 OSD 菜单调整

- 按 MENU 按钮激活 OSD 窗口。
- 按 < 或 > 浏览这些功能。 如果想要调整的功能突出显示，按 MENU 按钮激活它。如果所选的功能包含有子菜单，再按一下 < 或 > 可以浏览到子菜单功能。如果想要调整的功能突出显示，按 MENU 按钮激活它。
- 按 < 或 > 更改所选功能的设置。
- 要退出和保存，请选择退出功能。 如果您想调整其它任何功能，请重复步骤 2-3。

明亮度	调整数值	说明
亮 度	0-100	调整显示亮度
对比度	0-100	调整显示对比度
Eco Mode	标准	正常使用模式
	文本	文本应用模式
	网络	网络应用模式
	游戏	游戏应用模式
	电影	观赏电影应用模式
	运动	观赏户外运动模式
伽马	伽马 1	调整为伽马值 1
	伽马 2	调整为伽马值 2
	伽马 3	调整为伽马值 3
动态对比度	禁用	关闭动态对比度
	启用	开启动态对比度

图象设置		
时钟	0-100	调整图片时钟以降低垂直线噪声
聚焦	0-100	调整图片相位以降低水平线噪声
水平位置	0-100	调整图片的水平位置
垂直位置	0-100	调整图片的垂直位置

颜色调整		
暖色温		设置为暖色温
常规色		设置为常规色温

冷色温		设置为冷色温
sRGB		设置为 sRGB
使用者设定	微调 蓝	微调蓝色色温
	微调 绿	微调绿色色温
	微调 红	微调红色色温
	自定义黄	微调黄色色温
	自定义蓝	微调青色色温
	自定义红	微调粉红色色温

窗口增亮		
窗口尺寸	14-100	调整窗口尺寸大小
亮 度	0-100	调整窗口亮度
对比度	0-100	调整窗口增强对比度
色相	0-100	调整窗口色相
饱和度	0-100	调整窗口颜色饱和度
位置	水平位置	调整水平窗口位置
	垂直位置	调整垂直窗口位置
增亮	禁用/启用	开启或关闭增亮窗口

OSD 设置		
水平位置	0-100	调整 OSD 水平位置
垂直位置	0-100	调整 OSD 垂直位置
OSD 显示时间设定	5-100	调整 OSD 显示时间
语言		选择 OSD 语言

其它		
自动调整	是或者否	自动调整画面
重置	是或者否	恢复到出厂设置
退出/DDC-CI		打开/关闭 DDC-CI 支持
宽普切换		Full/4:3
Aspect Control		
显示信息		显示输入信号信息

3.机构拆解图示

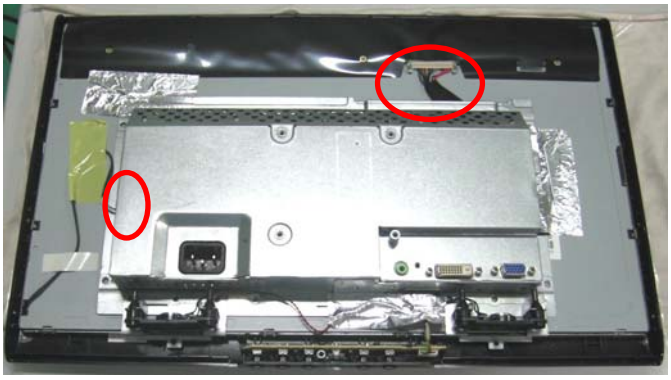
基本工具

Phillips screwdriver 十字螺丝起	
spacer screwdriver 六角起	
C/D Disassembly Tool 划片	
Gloves or soft cloth 手套/软布	
Prepare soft cloth and sponge as working platform 防静电平台	

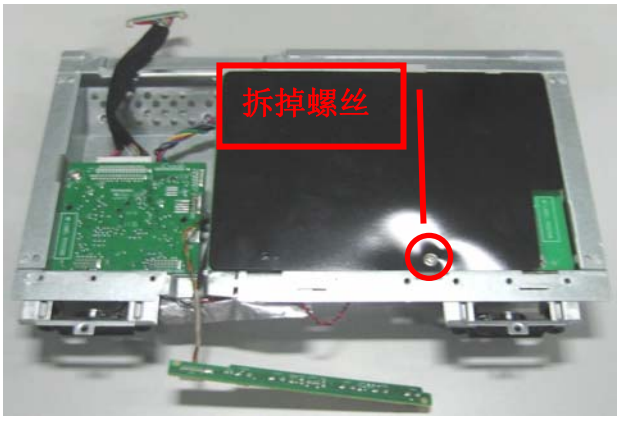
拆解示意图

拆掉螺丝，分开支架

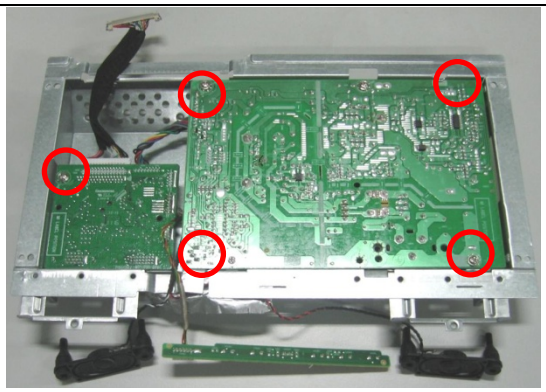
用软布防护，分离前框、后盖



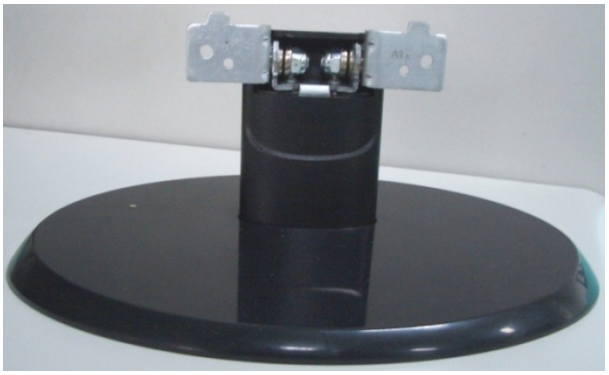
打开后盖后，拆掉 2 个连接器

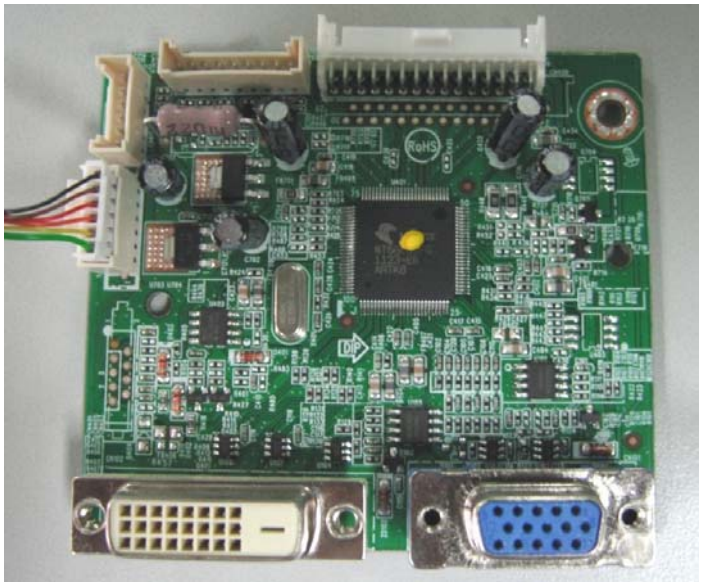


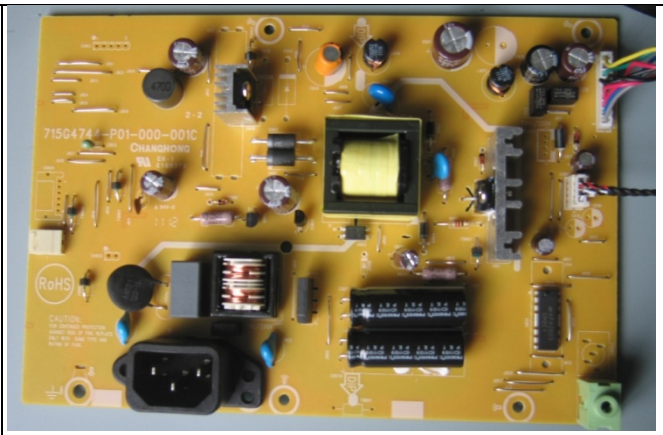
拆掉按键板，打开铁盘



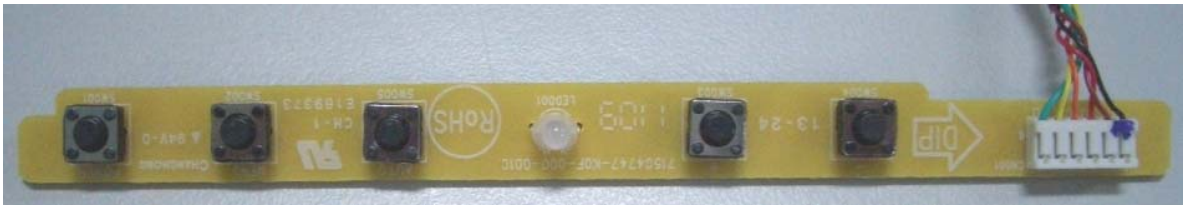
5 个 PCB 板螺丝

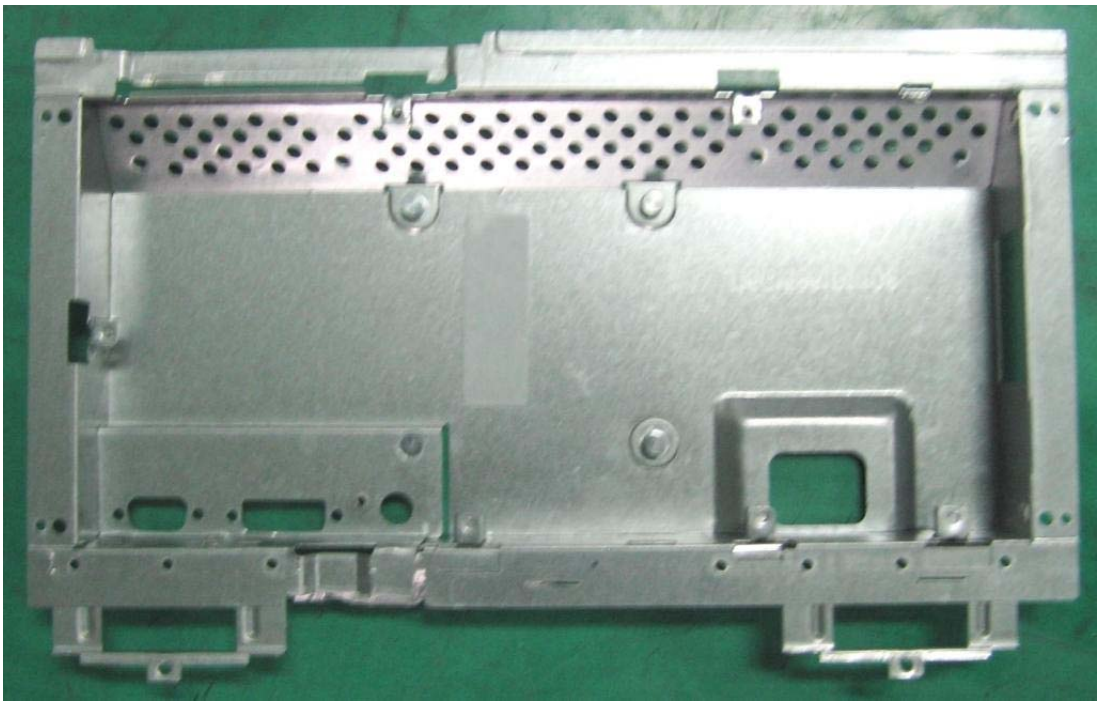






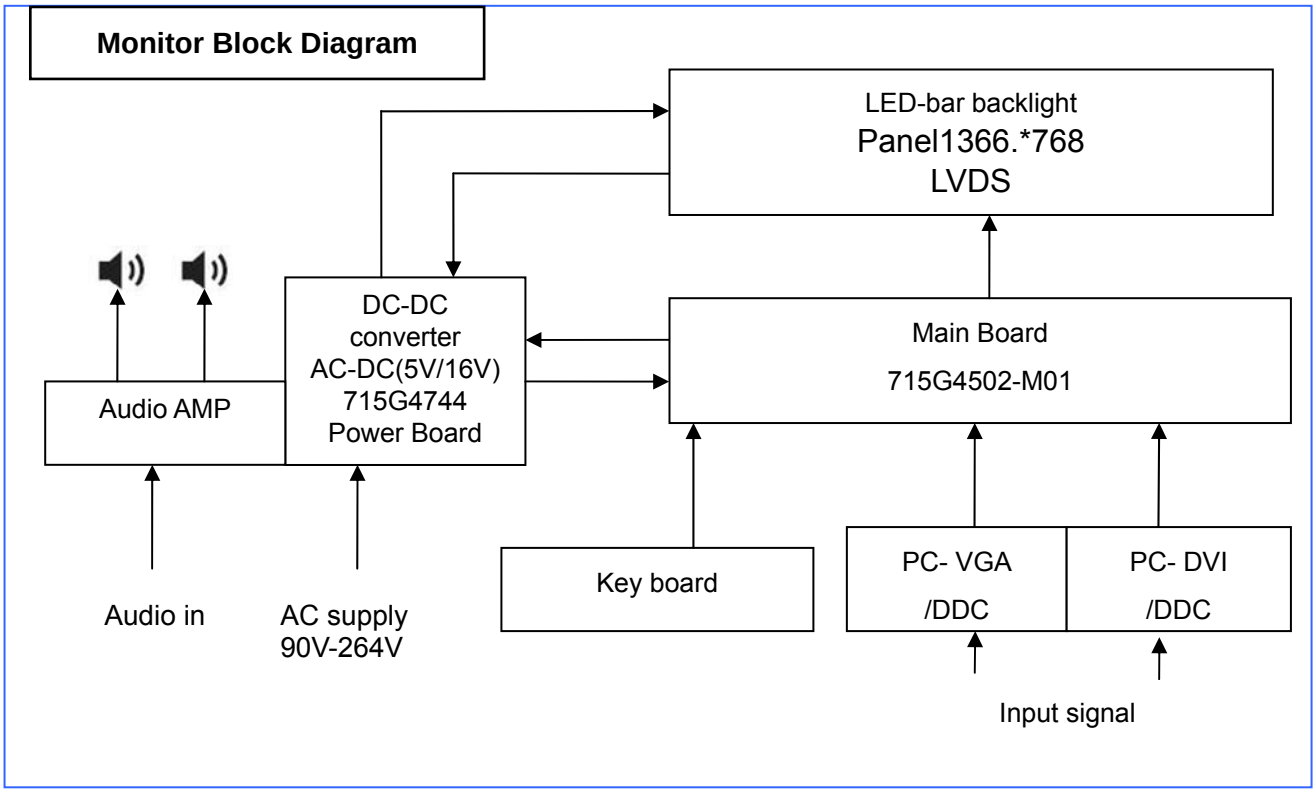
电源板（含音频放大部分）



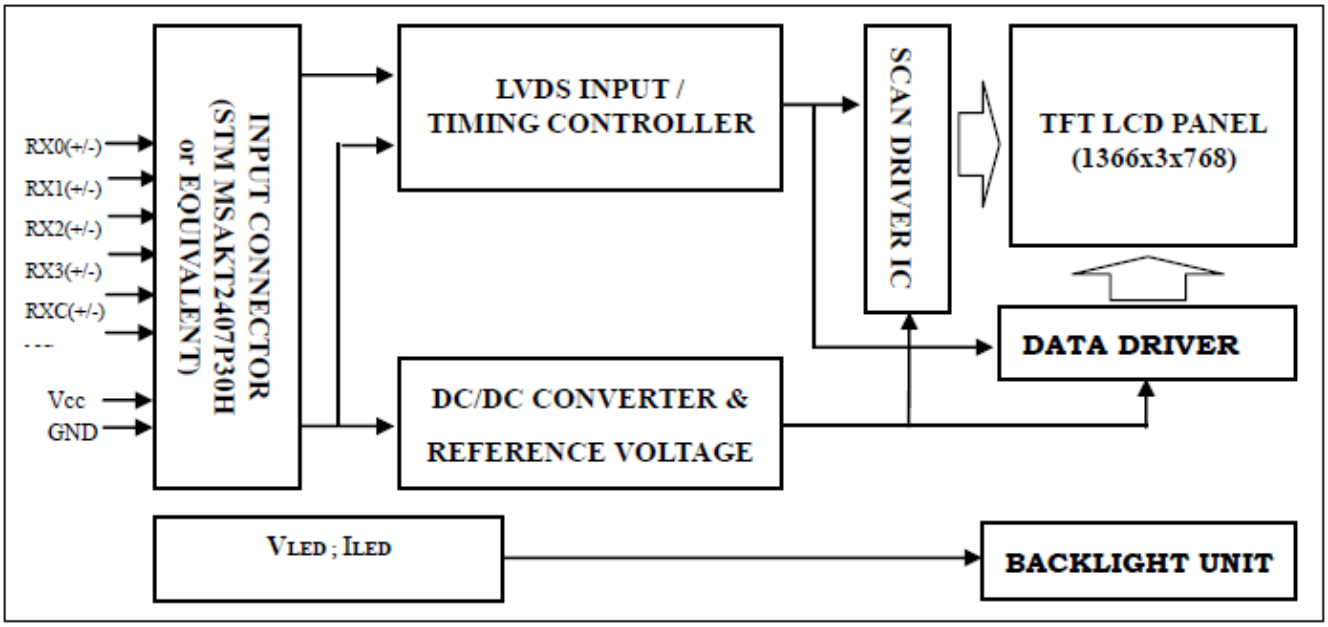


4.电气方框图

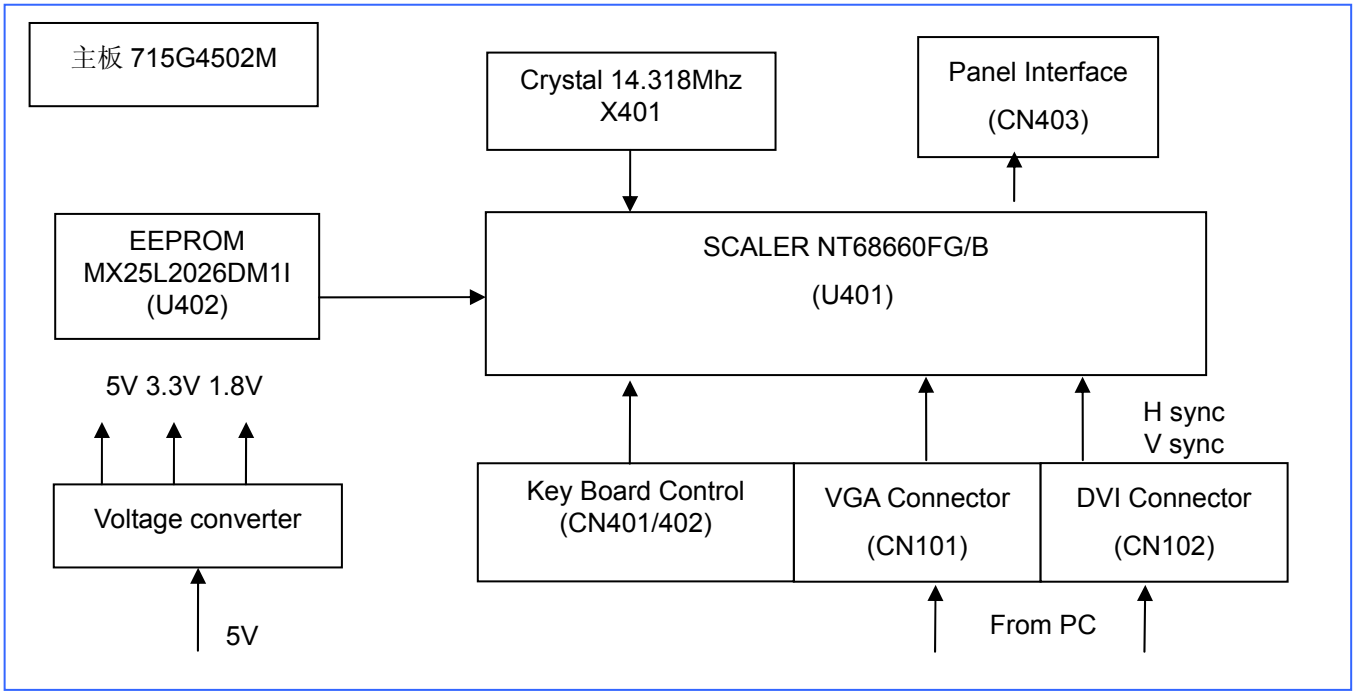
4.1 LCD 整机方框图



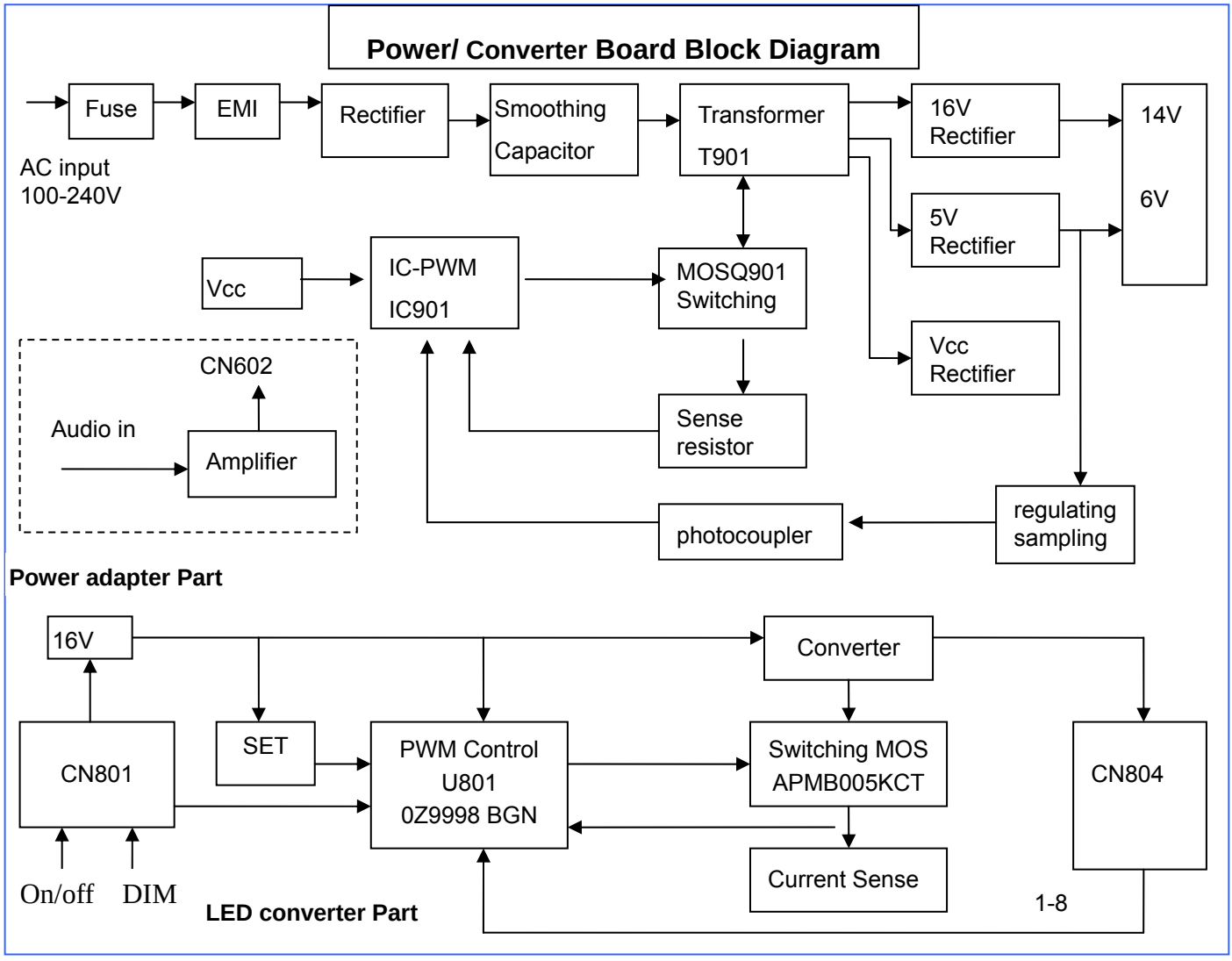
4.2 Panel 方框图



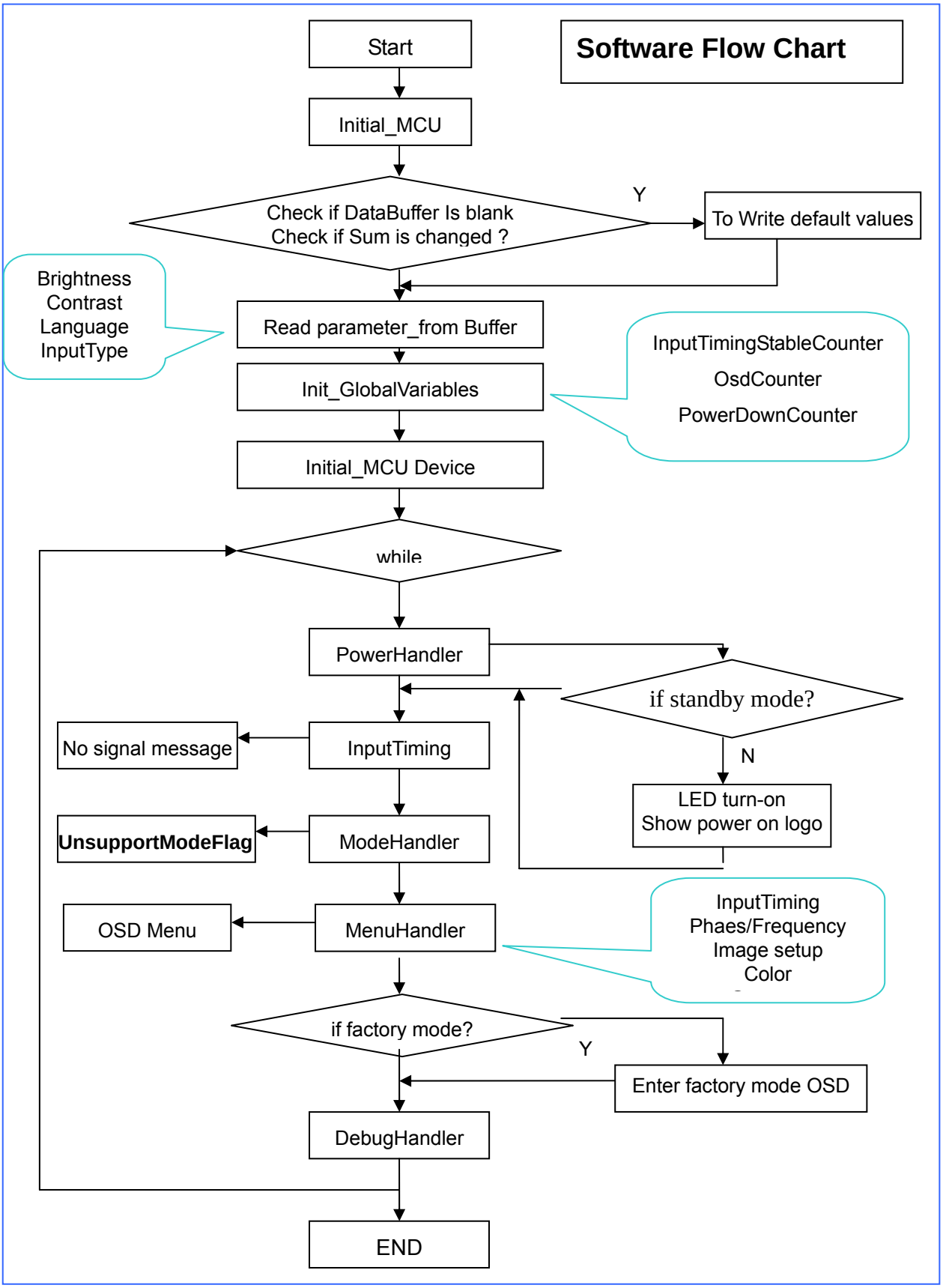
4.3 Main 主板方框图



4.4 Power 电源板方框图

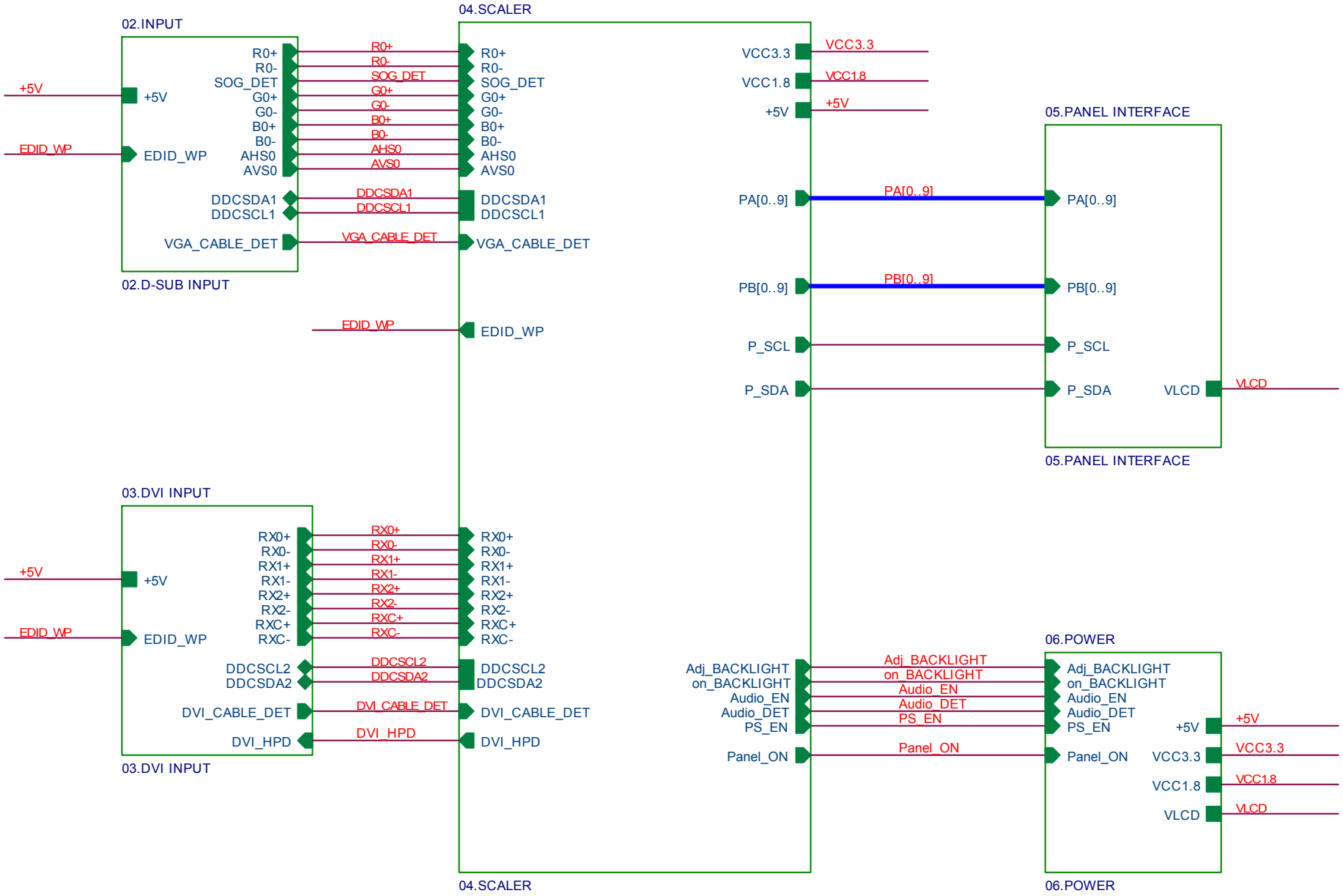


4.5 软体流程 Software Flow Chart

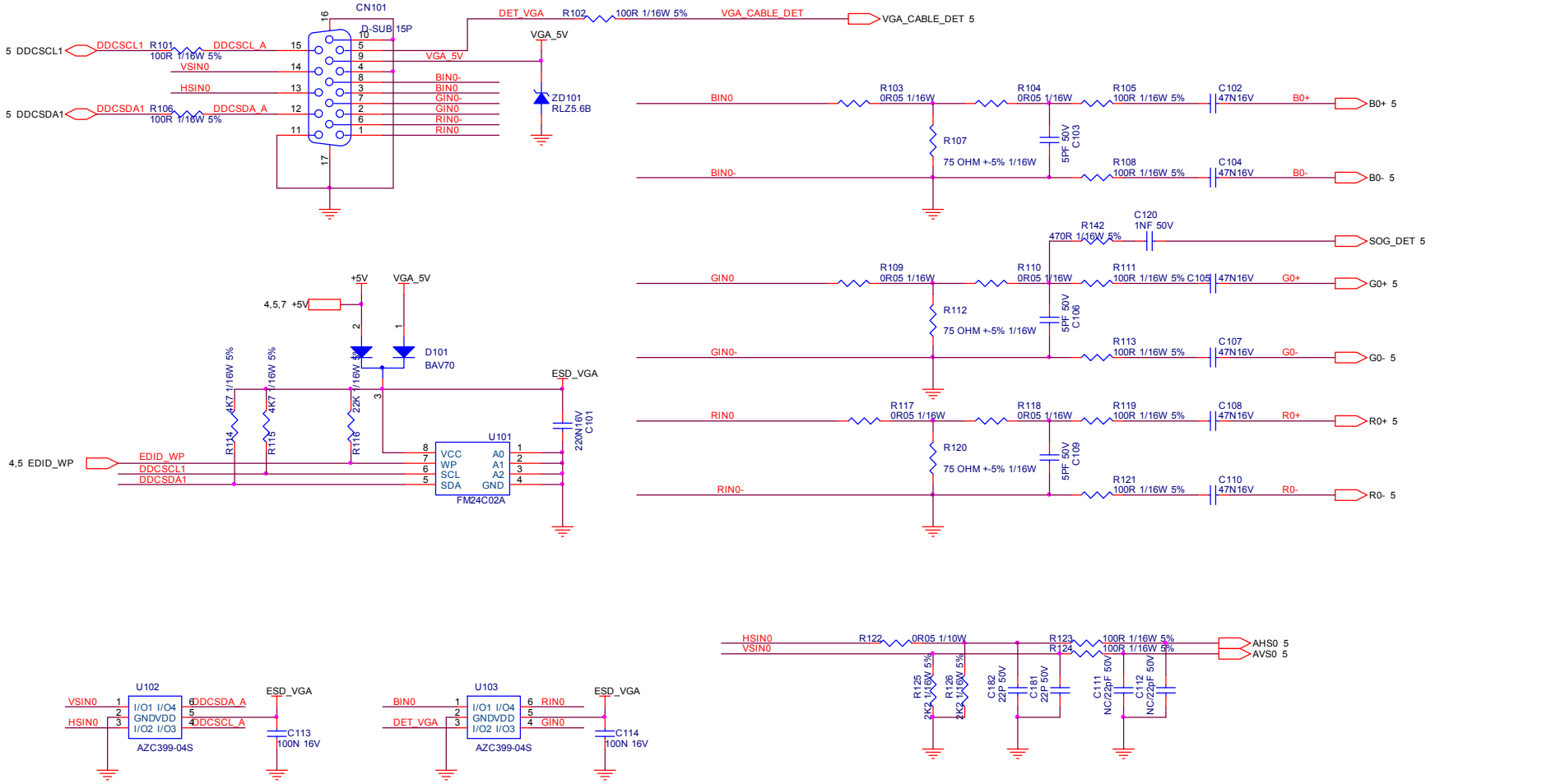


5.电原理图

5.1 主板 715G4502

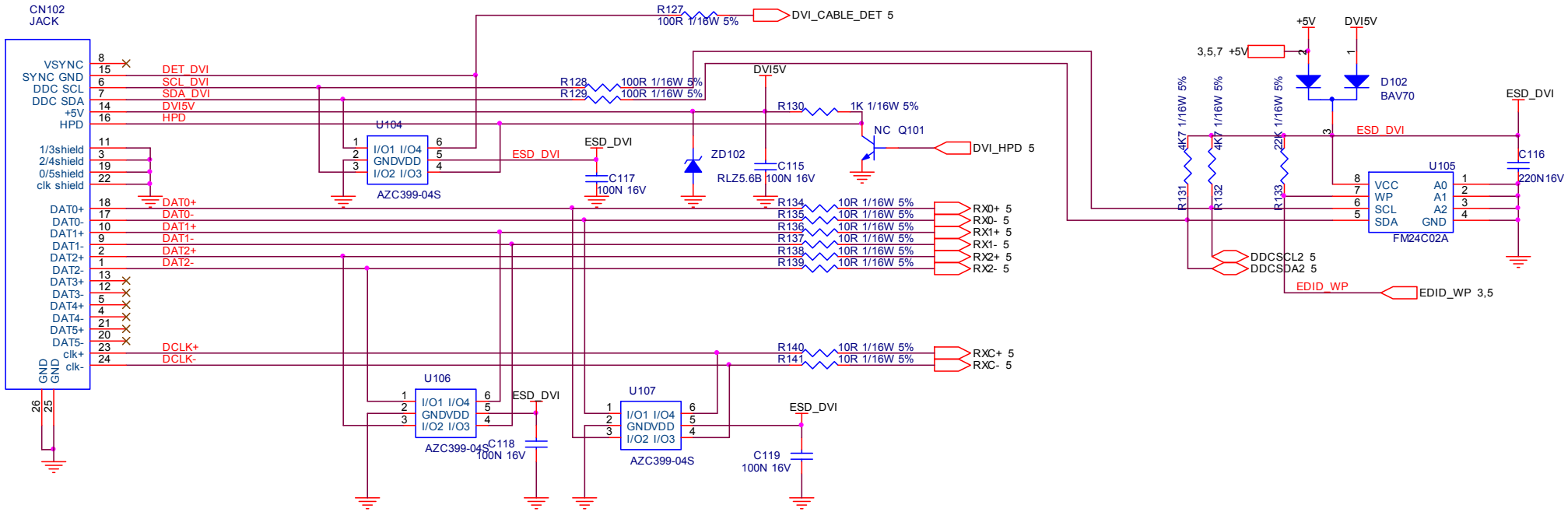


VGA input part



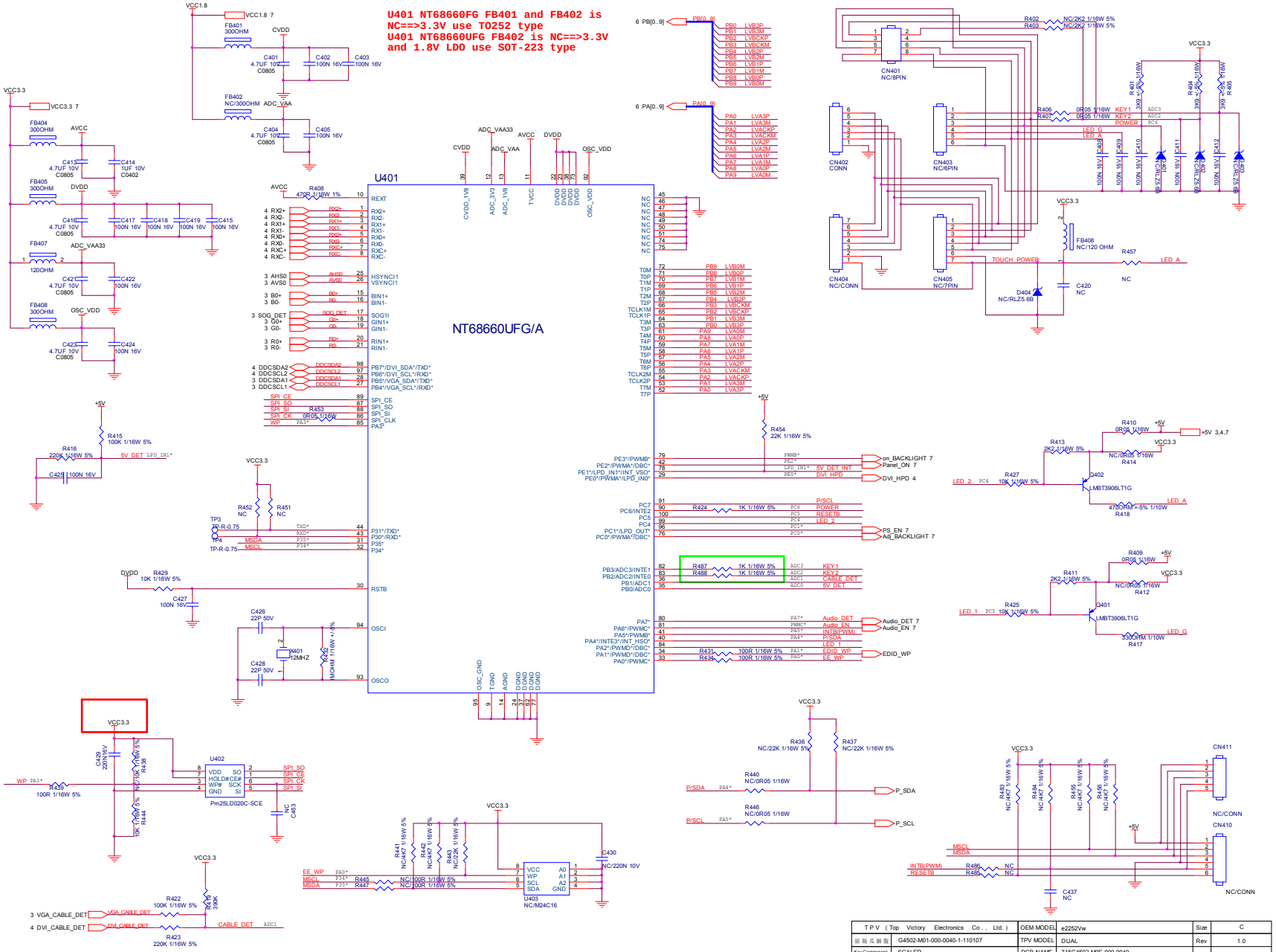
T P V （Top Victory Electronics Co . , Ltd. ）		OEM MODEL	e2252Vw	Size	B
結 隔 瓜 絹 腹	G4502-M01-000-0040-1-110107	TPV MODEL	DUAL	Rev	1.0
Key Component	D-SUB I/O	PCB NAME	715G4502-M01-000-0040	称爹	<称爹>
Date	Friday , January 07, 2011	Sheet	3 of 7		

DVI input

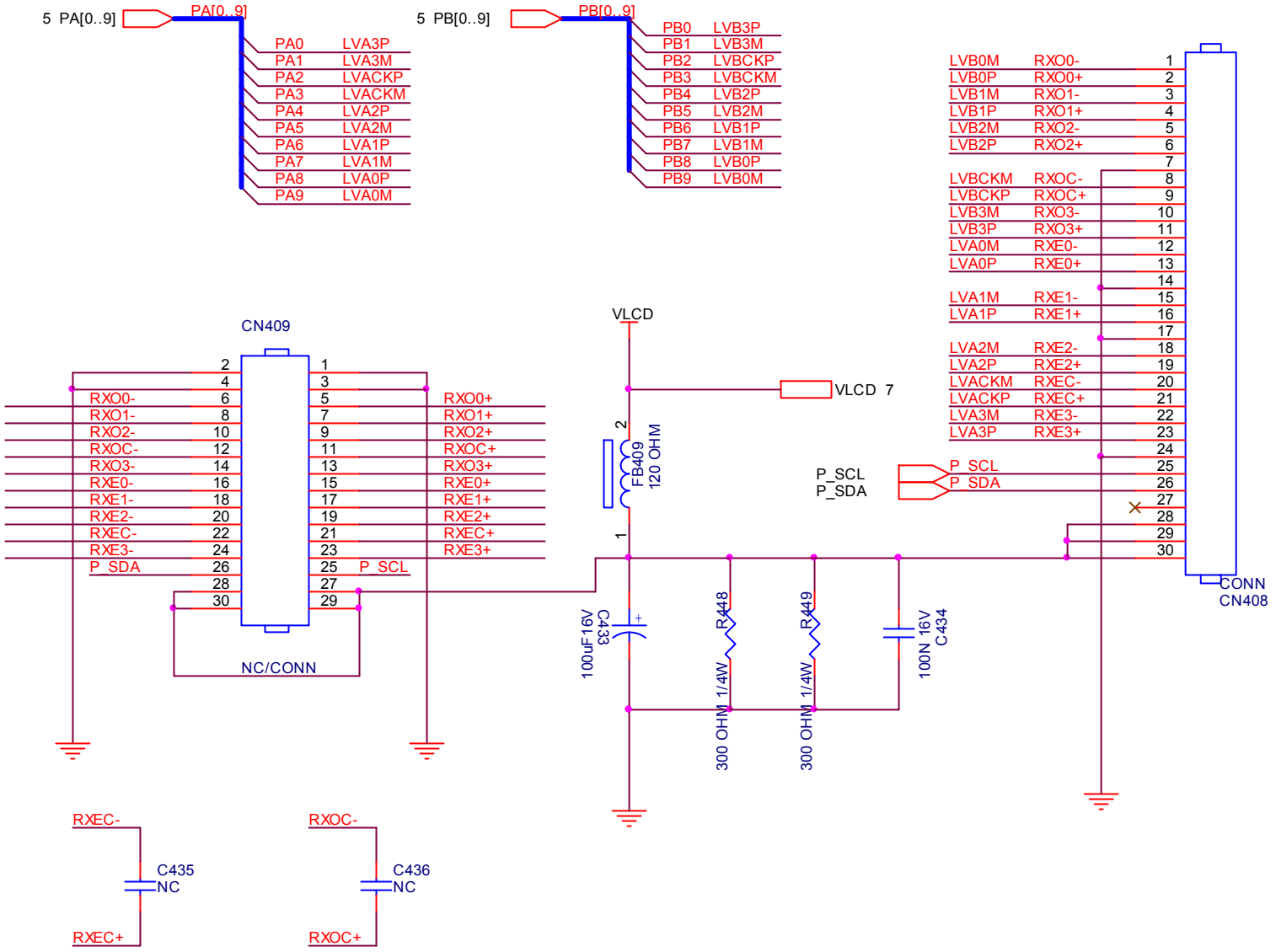


T P V (Top Victory Electronics Co . , Ltd.)		OEM MODEL	OTS	Size	B
結 隔 瓜 網 腹	G4502-M01-000-0040-1-110107	TPV MODEL	DUAL	Rev	1.0
Key Component	DVI	PCB NAME	715G4502-M01-000-0040	称爹	<称爹>
Date	Friday, January 07, 2011	Sheet	4 of 7		

MCU scalar NT68660 U401/U402

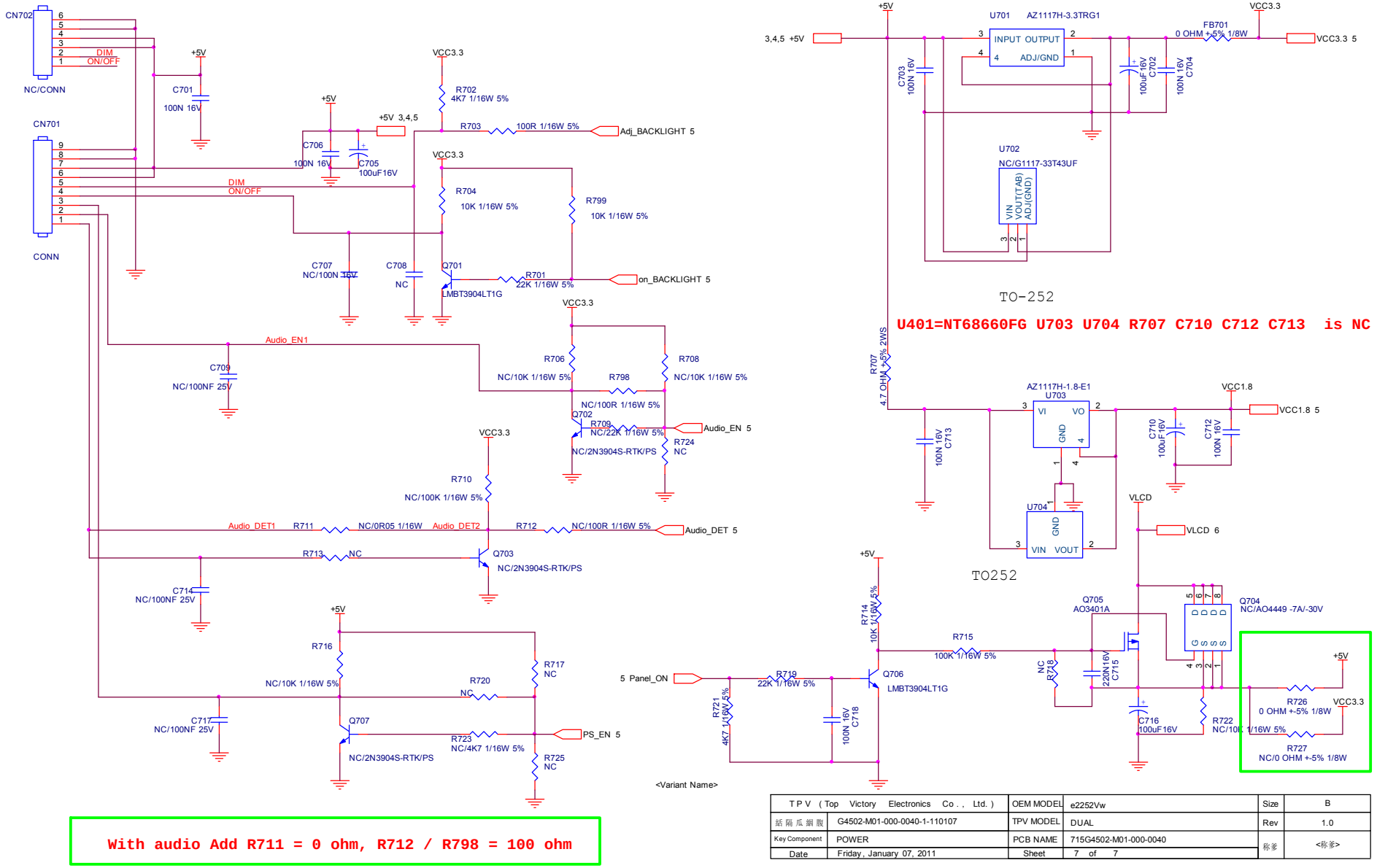


Output part



T P V (Top Victory Electronics Co . , Ltd.)		OEM MODEL	e2252Vw	Size	A
結 隔 瓜 綢 腹	G4502-M01-000-0040-1-110107	TPV MODEL	DUAL	Rev	1.0
Key Component	LVDS PANEL I/O	PCB NAME	715G4502-M01-000-0040	称爹	<称爹>
Date	Thursday , February 24, 2011	Sheet	6 of 7		

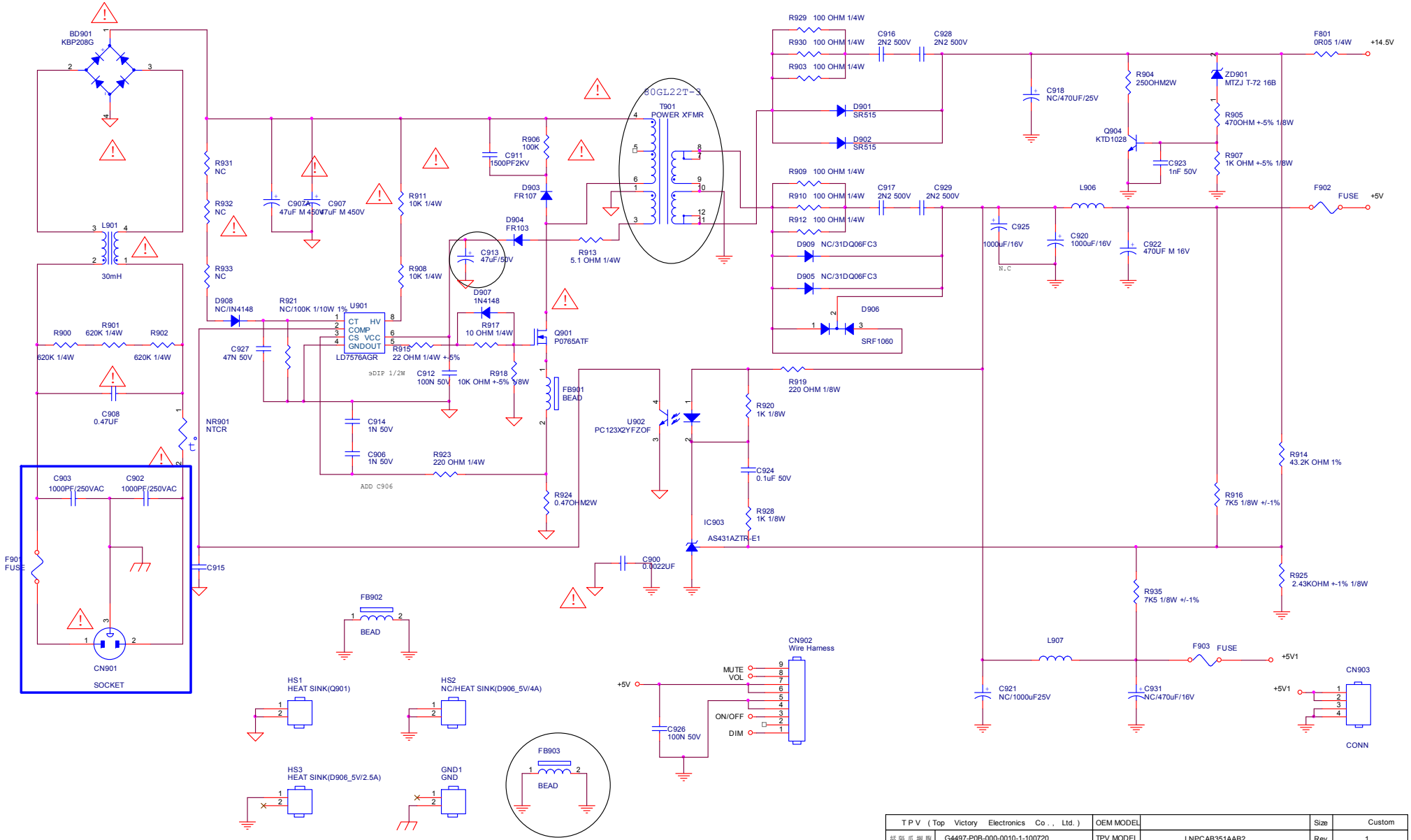
Power 5V +3.3V



T P V (Top Victory Electronics Co . , Ltd.)		OEM MODEL	e2252Vw	Size	B
結 隔 瓜 銅 腹	G4502-M01-000-0040-1-110107	TPV MODEL	DUAL	Rev	1.0
Key Component	POWER	PCB NAME	715G4502-M01-000-0040	称爹	<称爹>
Date	Friday, January 07, 2011	Sheet	7 of 7		

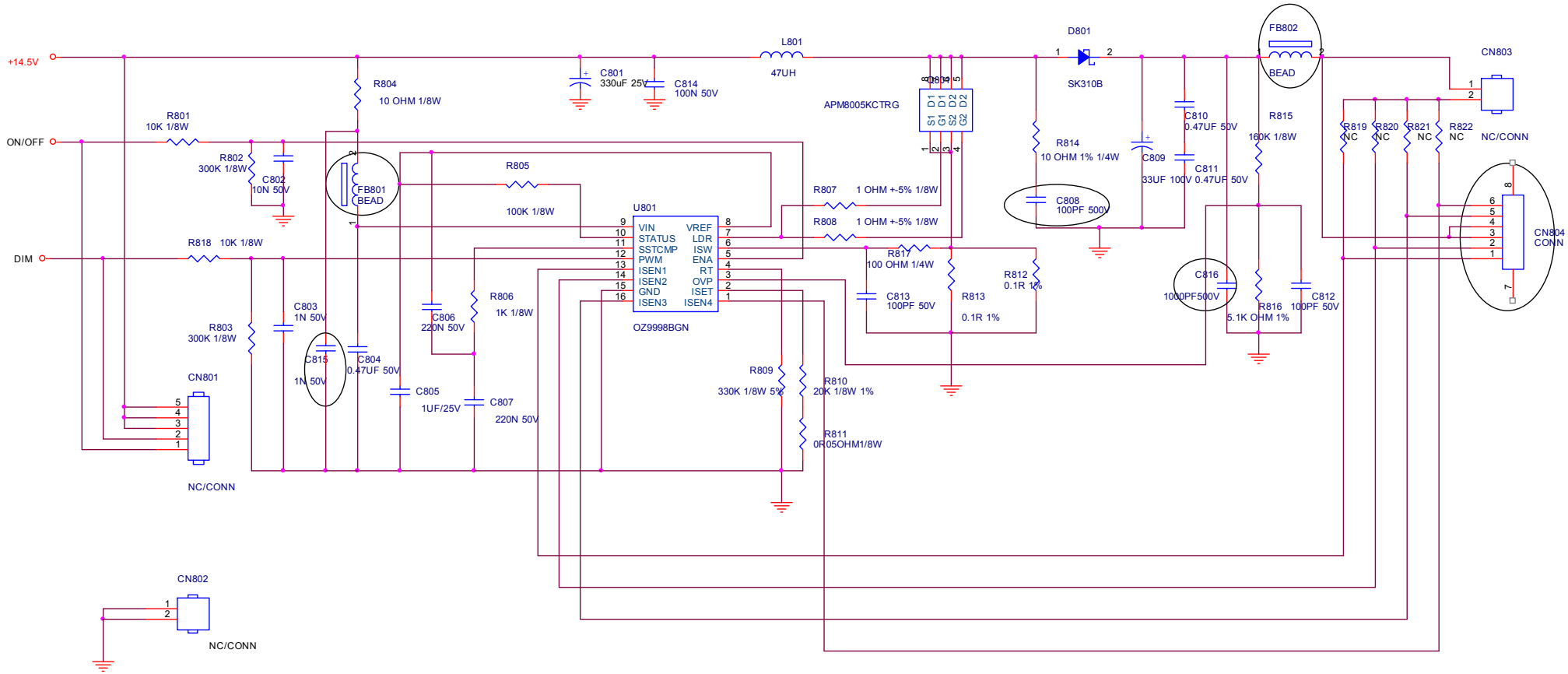
5.2 电源板 Power 715G4744

Power



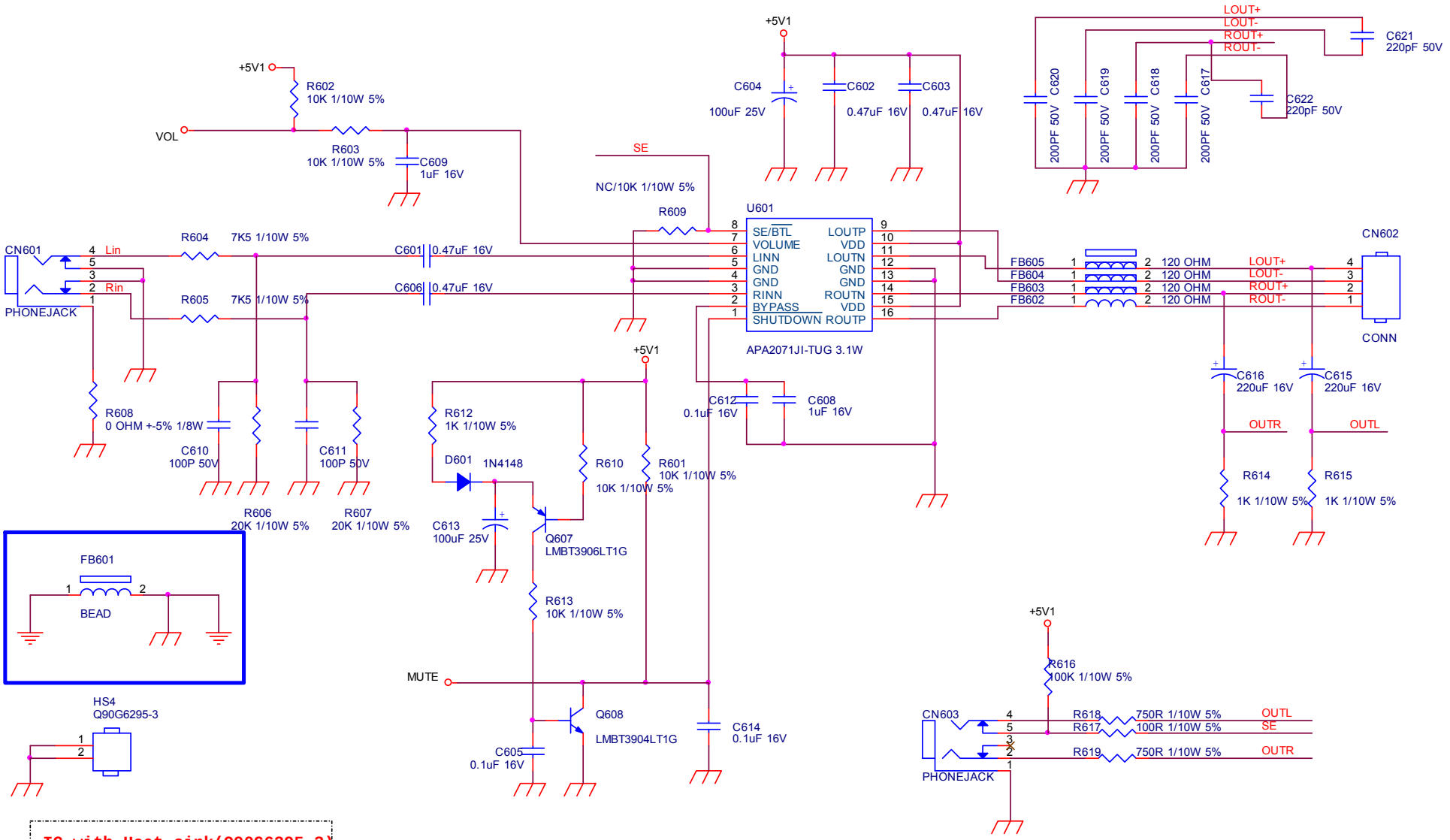
T P V （Top Victory Electronics Co . , Ltd. ）		OEM MODEL		Size	Custom
話 隔 瓜 蝎 腹	G4497-P0B-000-0010-1-100720	TPV MODEL	LNPCAB351AAB2	Rev	1
Key Component	01.POWER	PCB NAME	715G4497-P0B-000-0010	称爹	ODM MODEL
Date	Thursday, January 20, 2011	Sheet	1 of 3		

CONVERTER



T P V （Top Victory Electronics Co . , Ltd. ）		OEM MODEL		Size	Custom
結 隔 瓜 網 腹	G4497-P0B-000-0010-1-100720	TPV MODEL	LNPCAB351AAB2	Rev	1
Key Component	02.INVERTER	PCB NAME	715G4497-P0B-000-0010	称爹	ODM MODEL
Date	Thursday , January 20, 2011	Sheet	2 of 3		

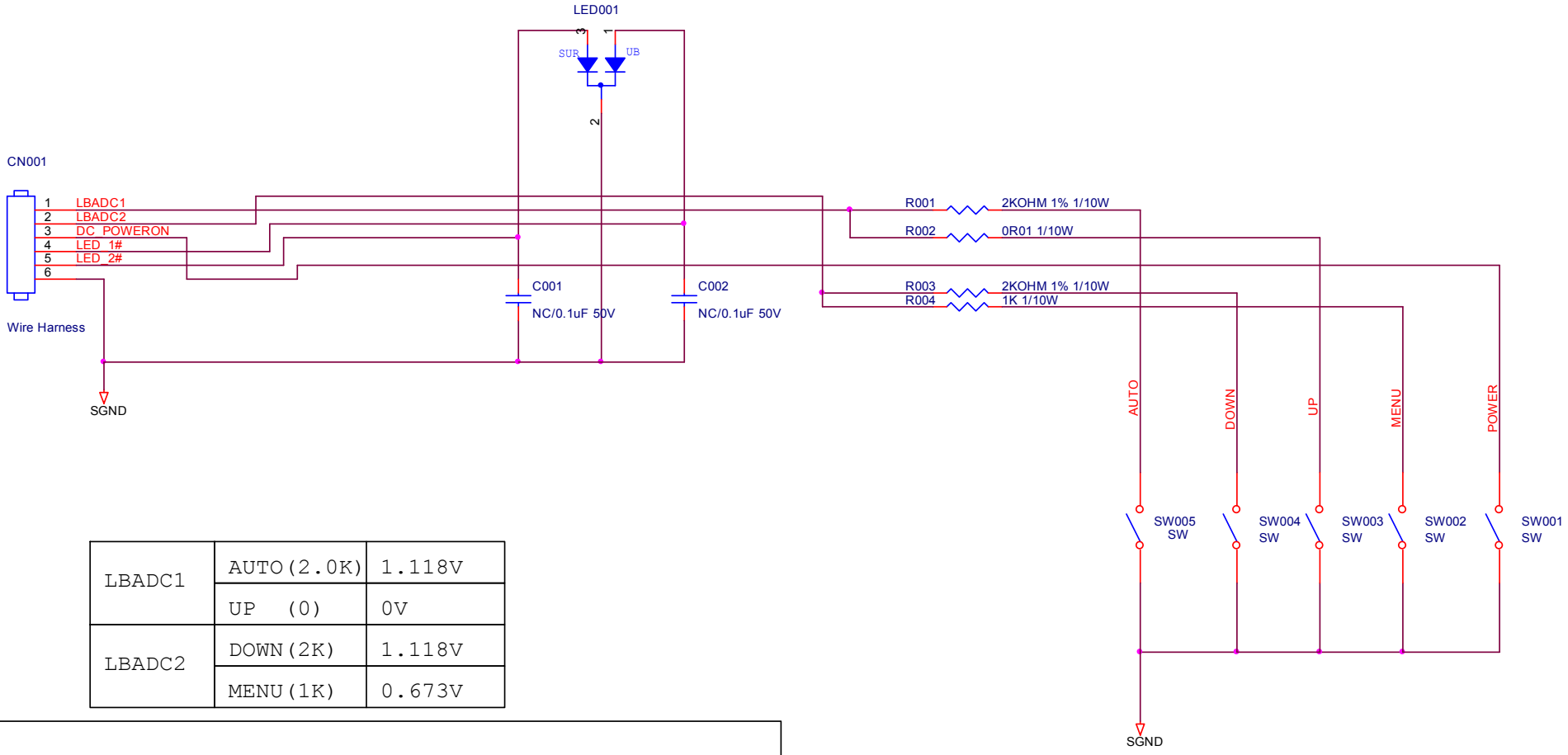
5.3 Audio part 音频部分



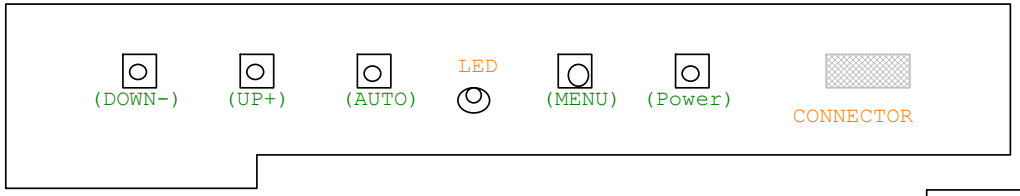
IC with Heat-sink(Q90G6295-3)

TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL	AOC 619vH	Size	A4
結構代號	G2824-2A-5-X-28-090212	TPV MODEL	PWPC9E41CAJO	Rev	1
Key Component	04.AUDIO	PCB NAME	715G2824-2A-5	称爹	ODM MODEL
Date	Thursday, January 20, 2011	Sheet	4 of 4		

5.4 按键板 key board 715G4747-k

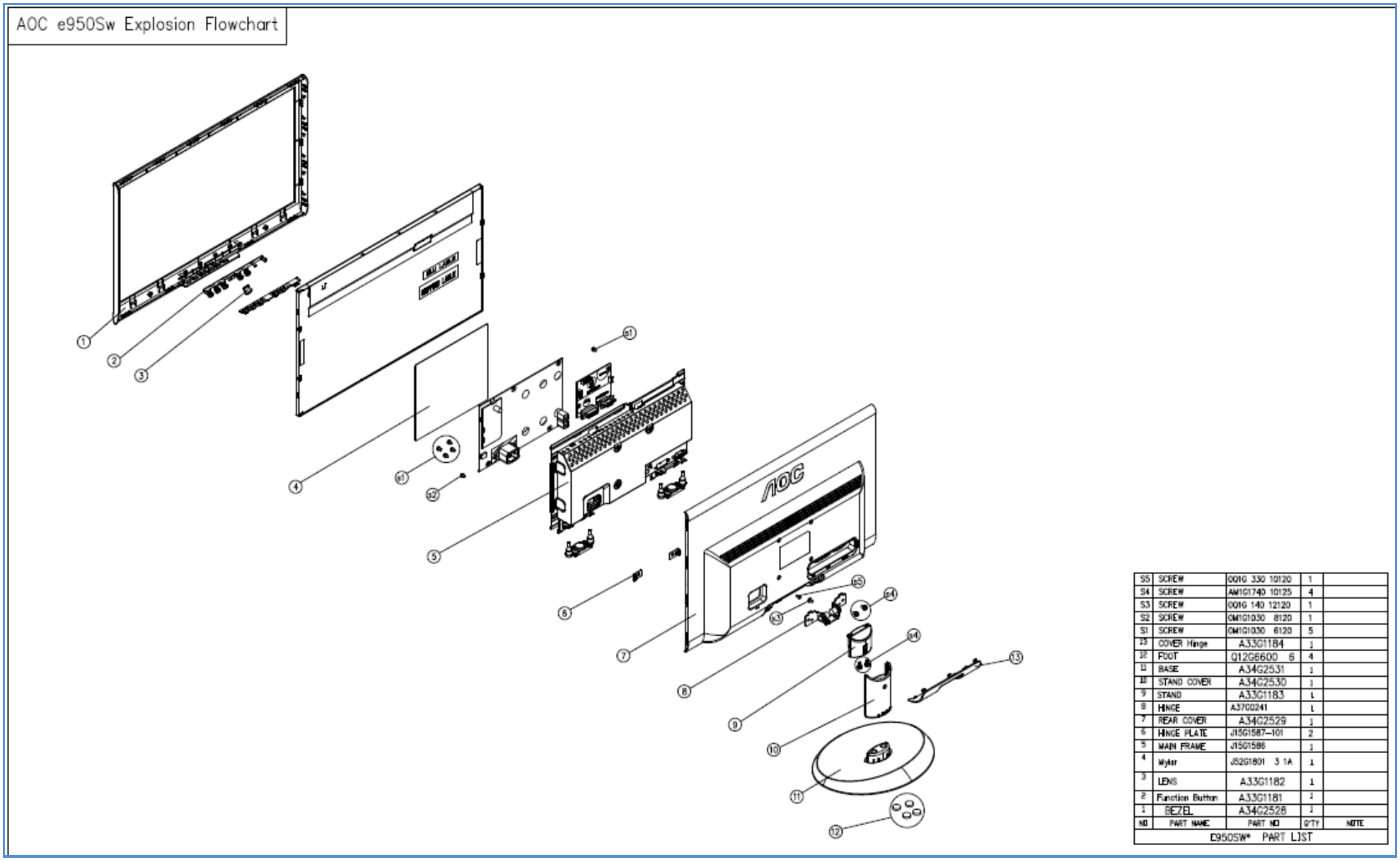


LBADC1	AUTO(2.0K)	1.118V
	UP (0)	0V
LBADC2	DOWN(2K)	1.118V
	MENU(1K)	0.673V



TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL	N/A	Size	B
結隔瓜綑腹	G4747-K0B-000-0040-101026	TPV MODEL	e950Sw	Rev	B
Key Component	2.0.key	PCB NAME	715G4747	称爹	<称爹>
Date	Friday, December 10, 2010	Sheet	2 of 2		

6.机构爆炸图



NO	PART NAME	PART NO	Q'TY	NOTE
S5	SCREW	0Q1G 330 10120	1	
S4	SCREW	AM1G1740 10125	4	
S3	SCREW	0Q1G 140 12120	1	
S2	SCREW	0M1G1030 8120	1	
S1	SCREW	0M1G1030 6120	5	
13	COVER Hinge	A33G1184	1	
12	FOOT	Q12G6600 6	4	
11	BASE	A34G2531	1	
10	STAND COVER	A34G2530	1	
9	STAND	A33G1183	1	
8	HINGE	A37G0241	1	
7	REAR COVER	A34G2529	1	
6	HINGE PLATE	J15G1587-101	2	
5	MAIN FRAME	J15G1586	1	
4	Mylar	J52G1801 3 1A	1	
3	LENS	A33G1182	1	
2	Function Button	A33G1181	1	
1	BEZEL	A34G2528	1	

E950SW* PART LIST

7.软体更新和 DDC 改写

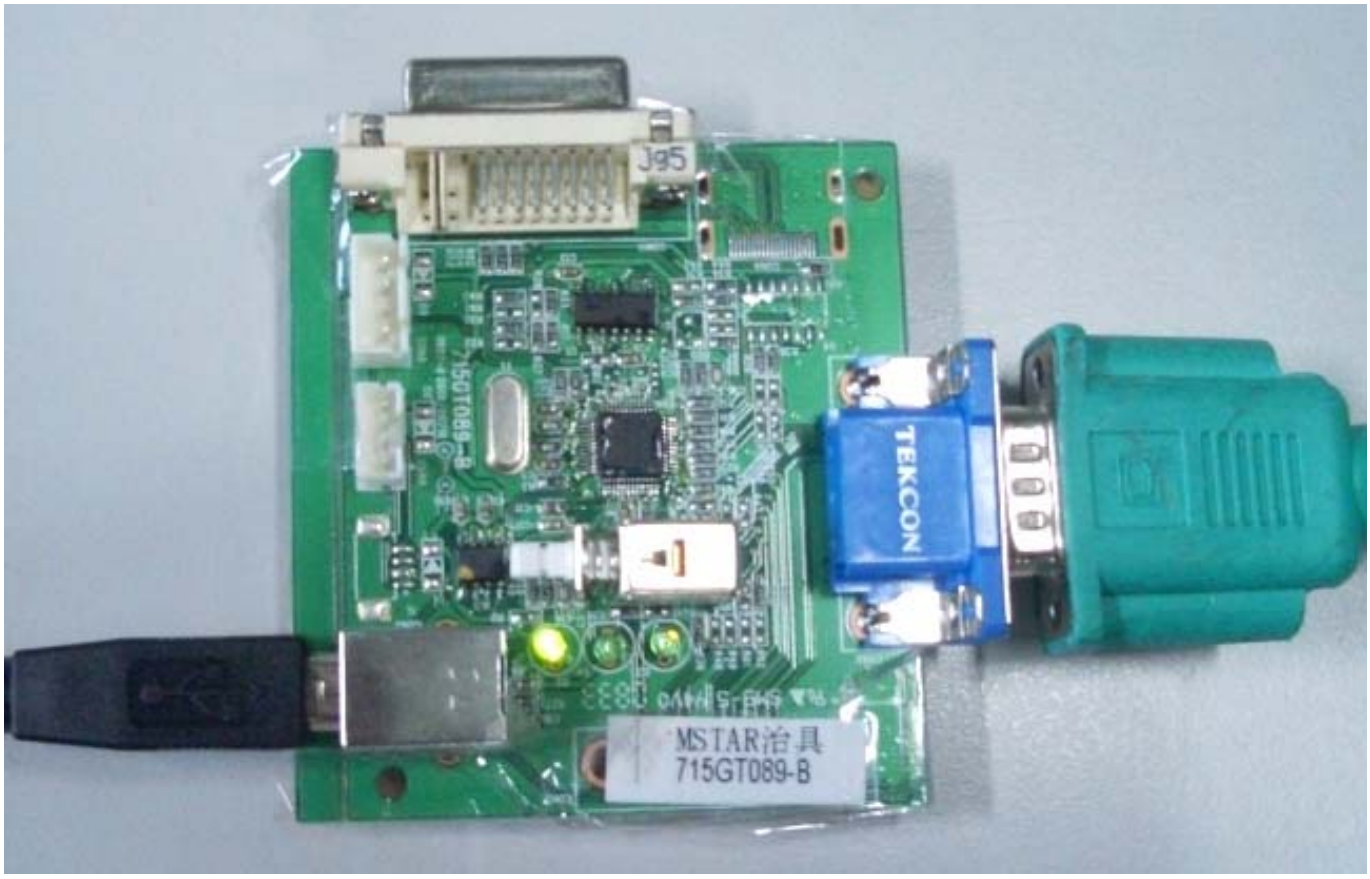
7.1 软体更新 SOP

本机信息：

	756GJBCB AA023	MCU ASS'Y CBPCBN2A1J4 G4502-M01
U402	056G2233501	FLASH MX25L2026DM1I-12G 2Mb SOP-8
SMTCB-U402	100GANM8000B11	E950Swd_Nt68660_Tpm185.hex
U401	056G 562368	SCALER NT68660FG/B TQFP-100

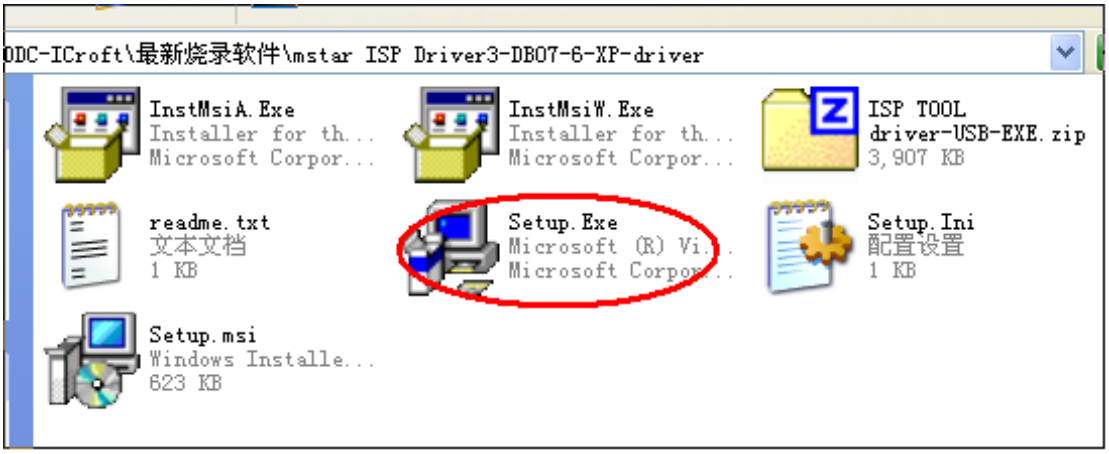
步骤 1：连接

1. 用 USB 连接线缆将软件改写工具(ISP 版 715GT089-B)连接到计算机 PC-USB 口，用 VGA15 芯线缆连接显示器，如下图所示：



步骤 2：驱动安装

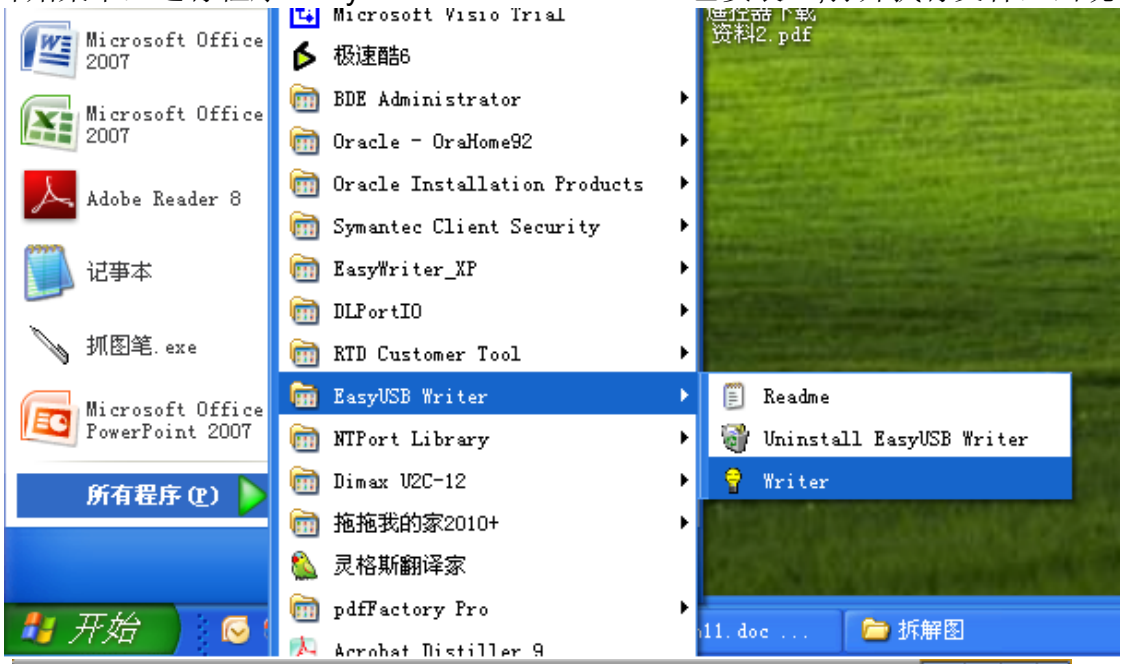
1.安装 USB 驱动： mstar ISP Driver3-DB07-6-XP-driver

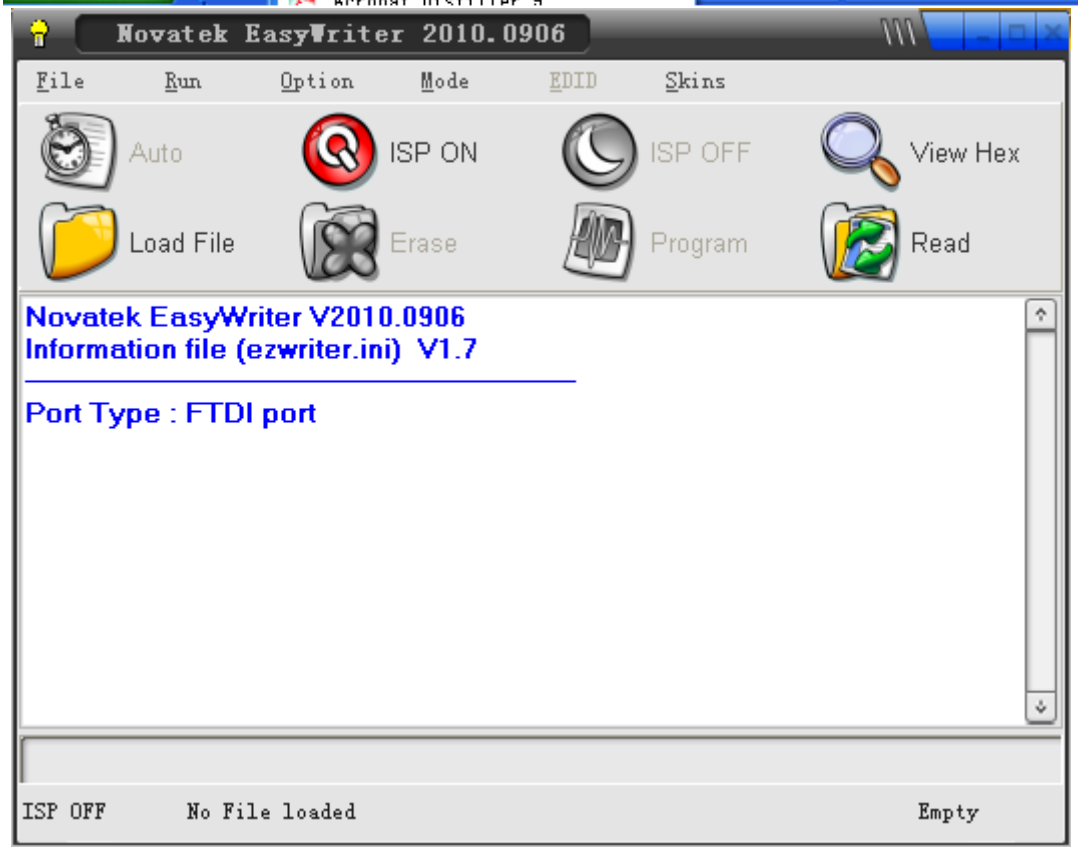


2.准备好 NOVATEK\EasyUSBWriter-V4.56 或者 20100906 ---ISP Tool 安装在 PC 机上：

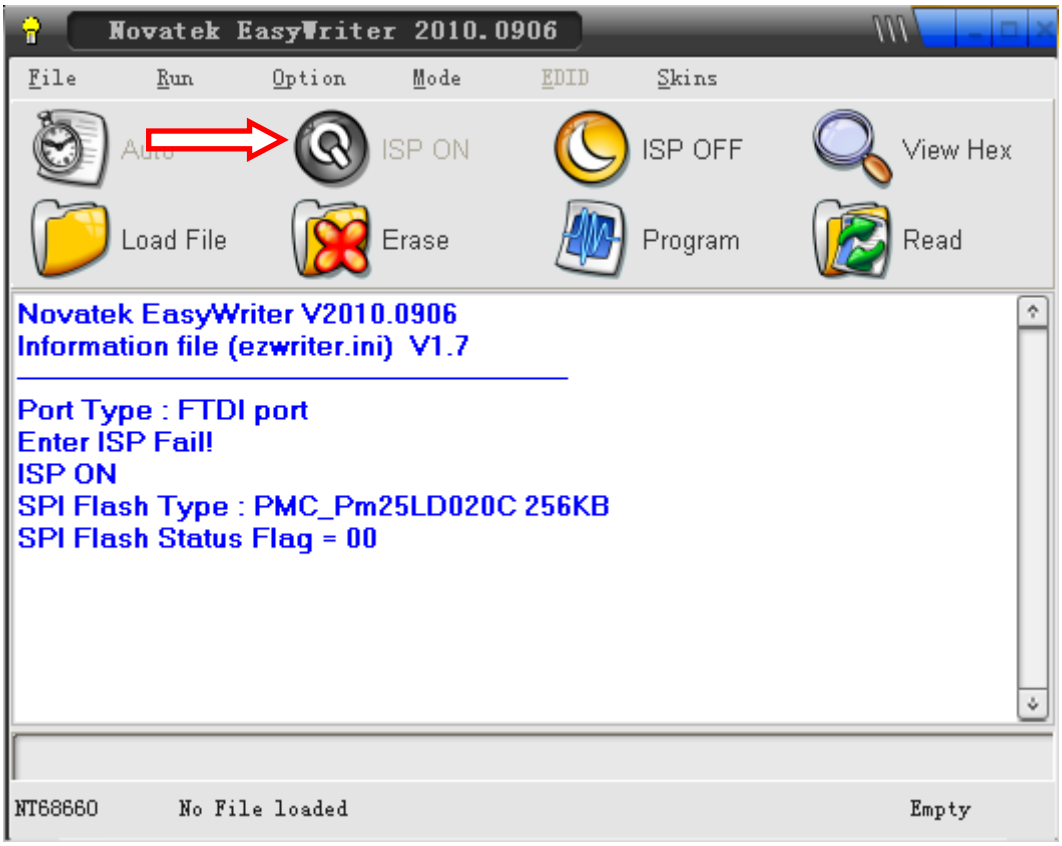
步骤 3：运行

1. 在 PC 开始菜单，运行程序 EasyUSB Writer ISP tool （已安装）,打开执行文件，出现下图：

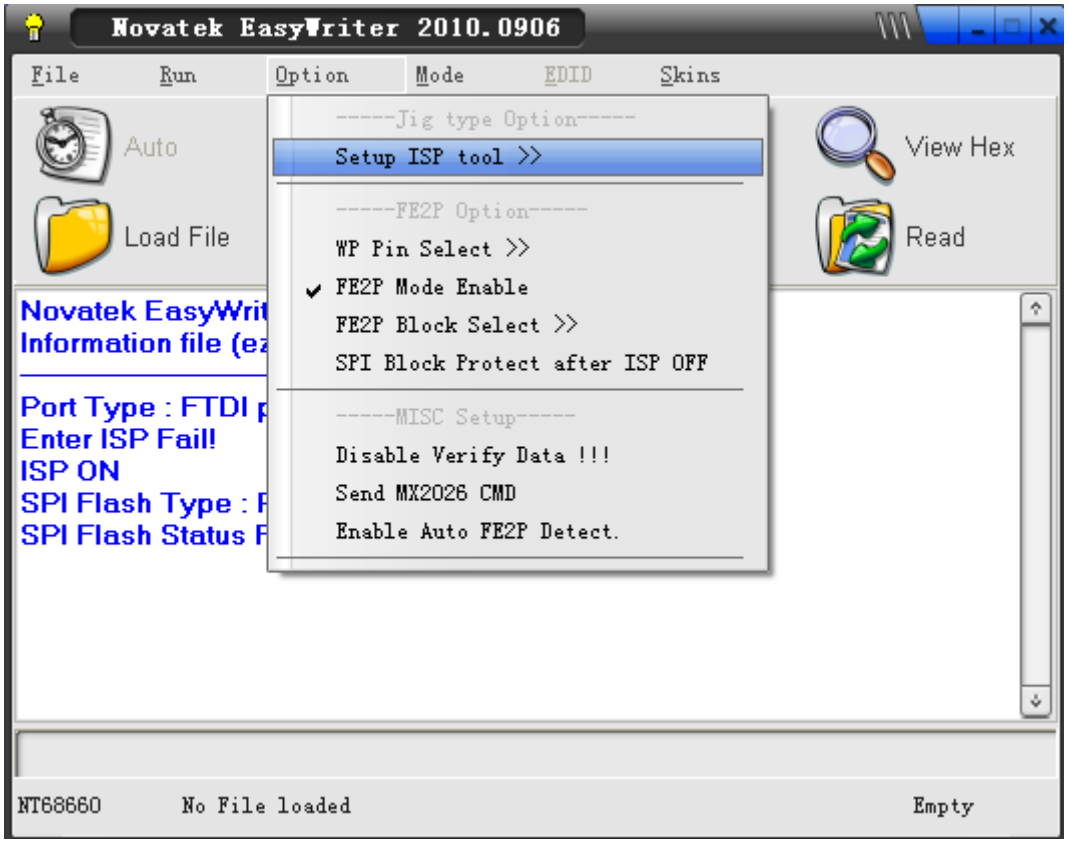


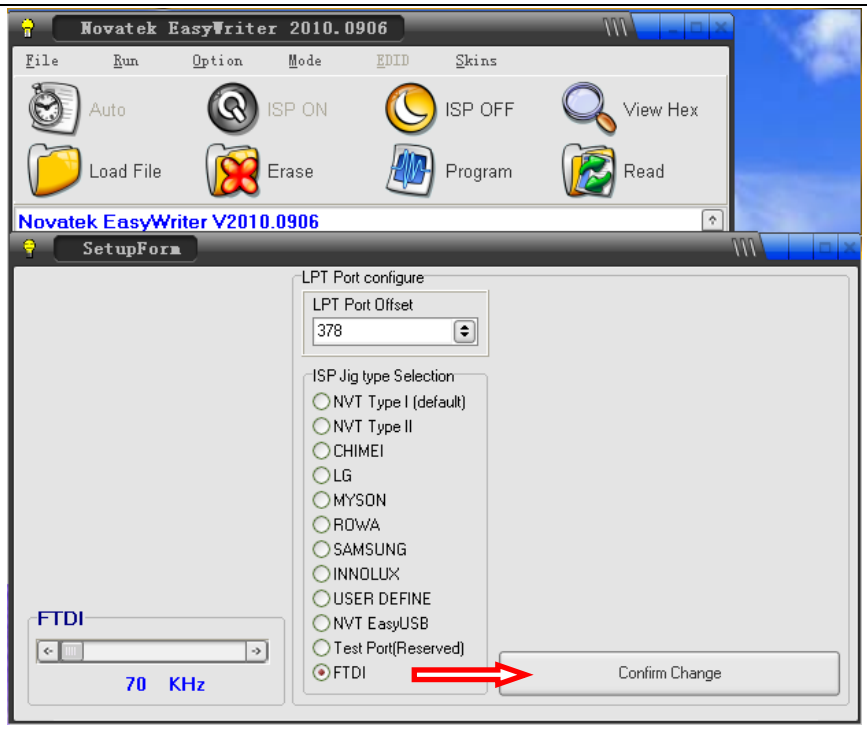


2. 点击“ISP ON”，出现下图：

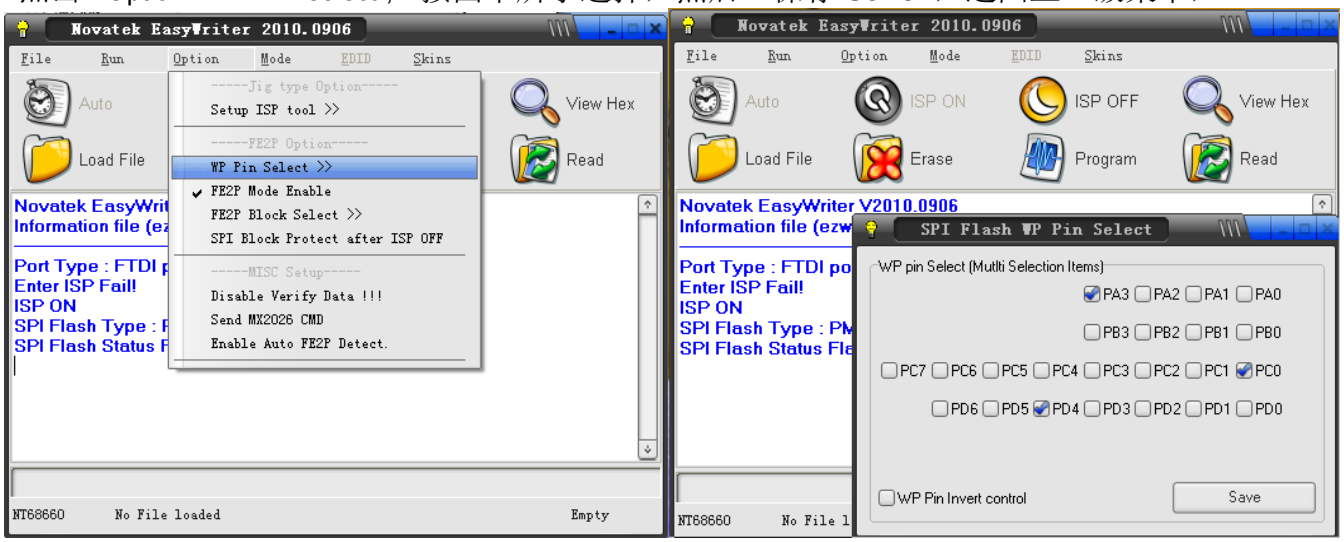


3.点击 ISP Option，出现对话框，选择 setup ISP tool>> ,出现下图，按图示勾选，点确认返回，（勾选 FE2P Mode 是为了保持原有的 HDCP 码，否则以后 DVI 输入时会有异常）

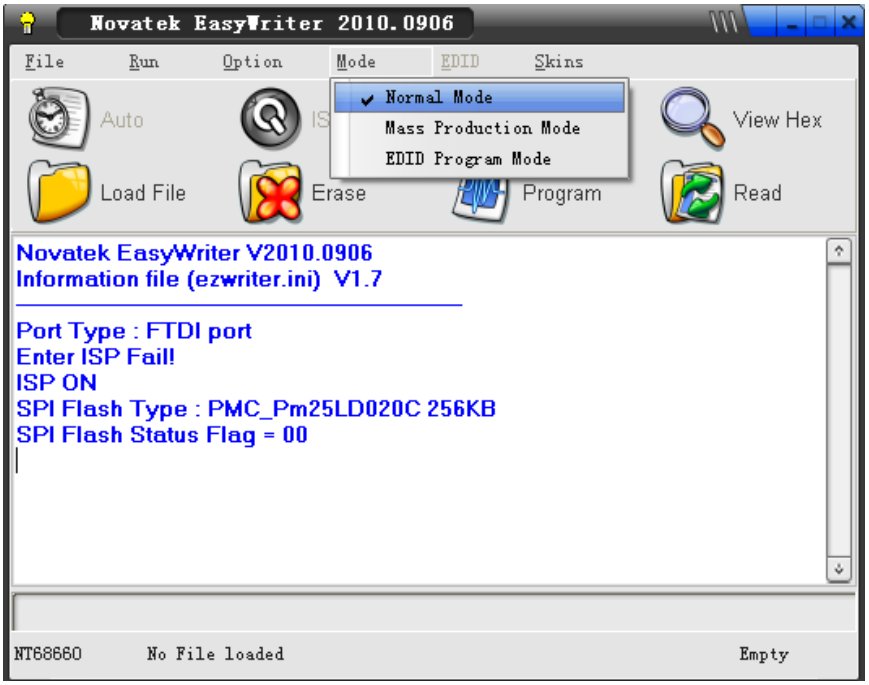




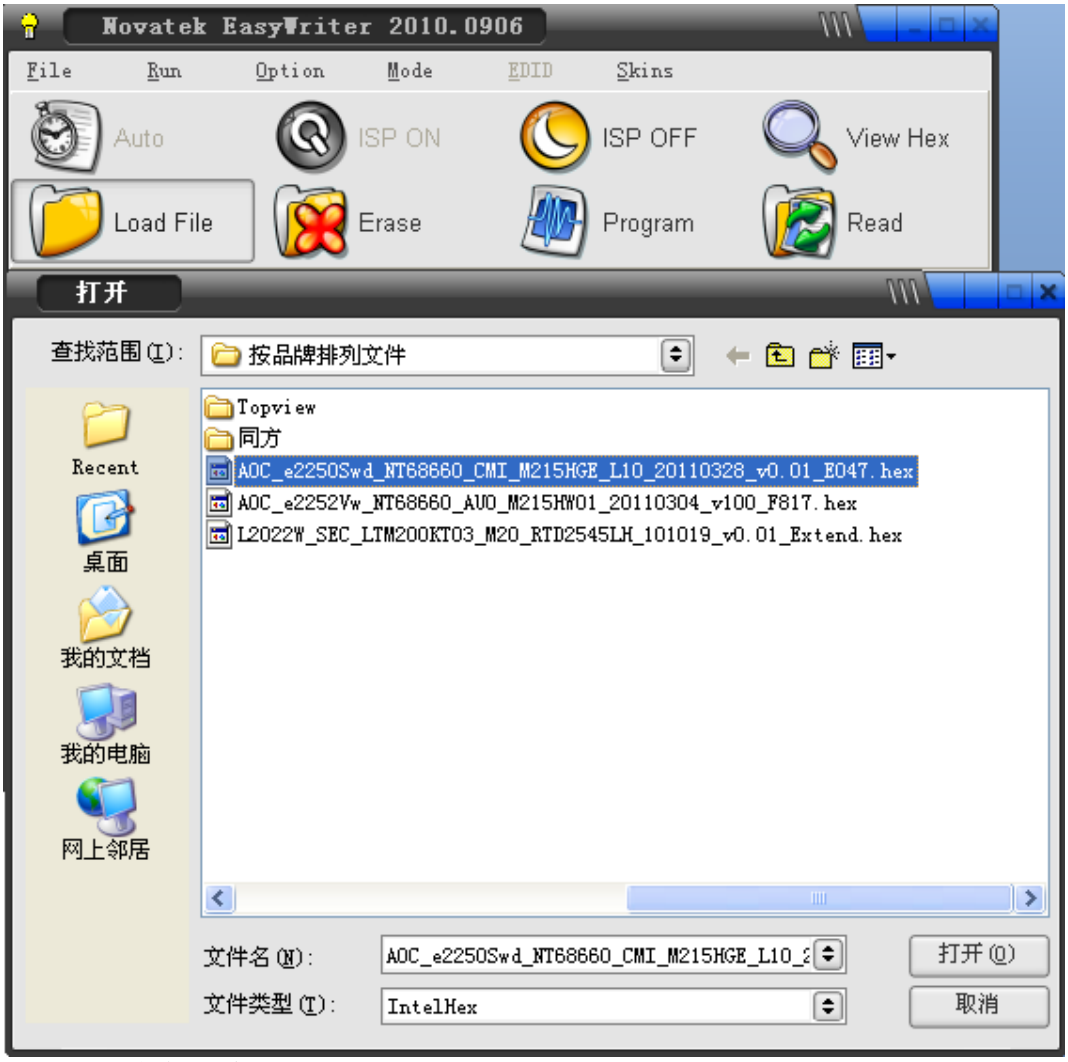
4.点击. "Option---WP Pin select"， 按图中所示选择，然后“保存 Save”，返回上一级菜单，



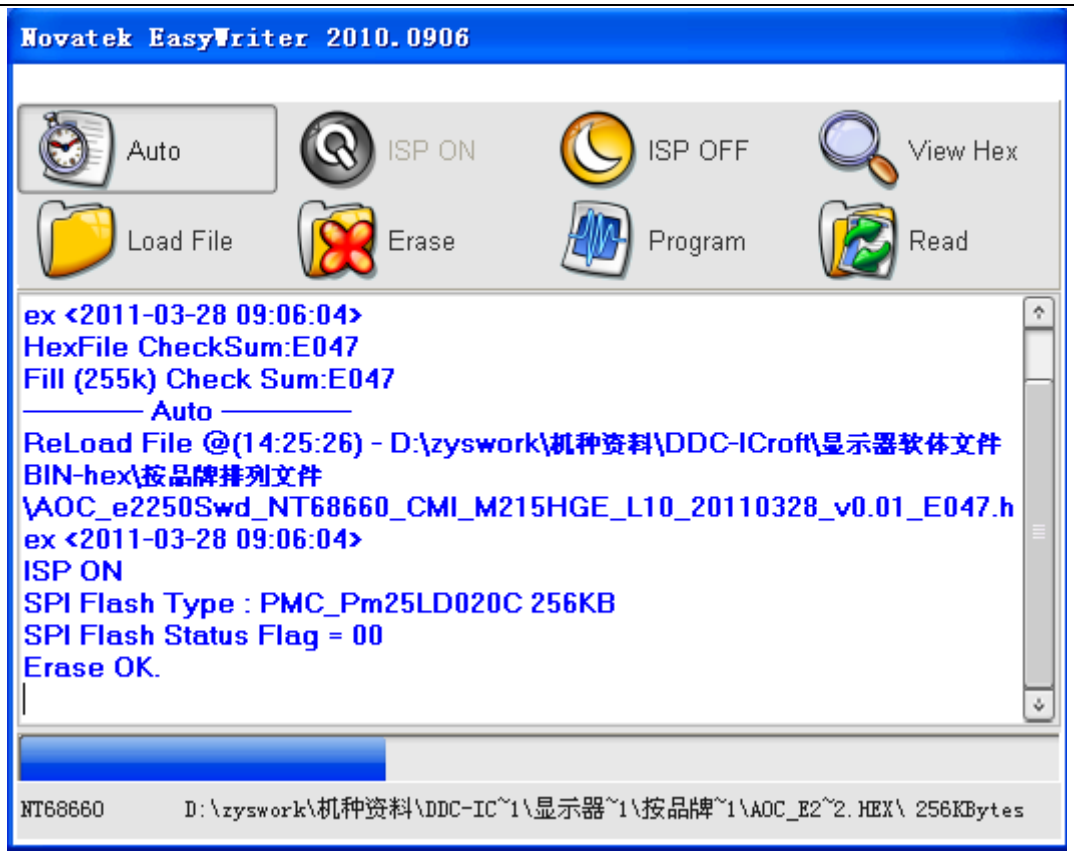
5.选择 “Mode”,勾选 “正常模式”， 如图所示：



6.点击 “Load File”,选择本机软体所在的路径 ，打开，参考下图：



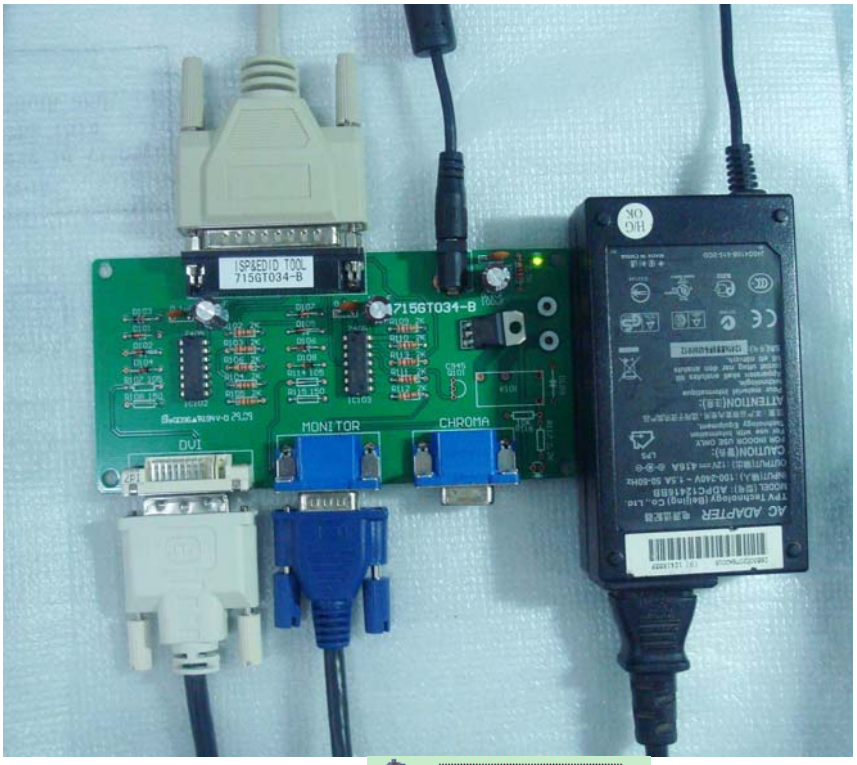
7.点击 “Auto”，软体自动编程，如图：

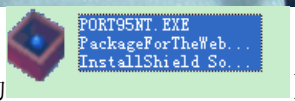


8. 软件自动改写程序，完成 OK 后，显示“End”。

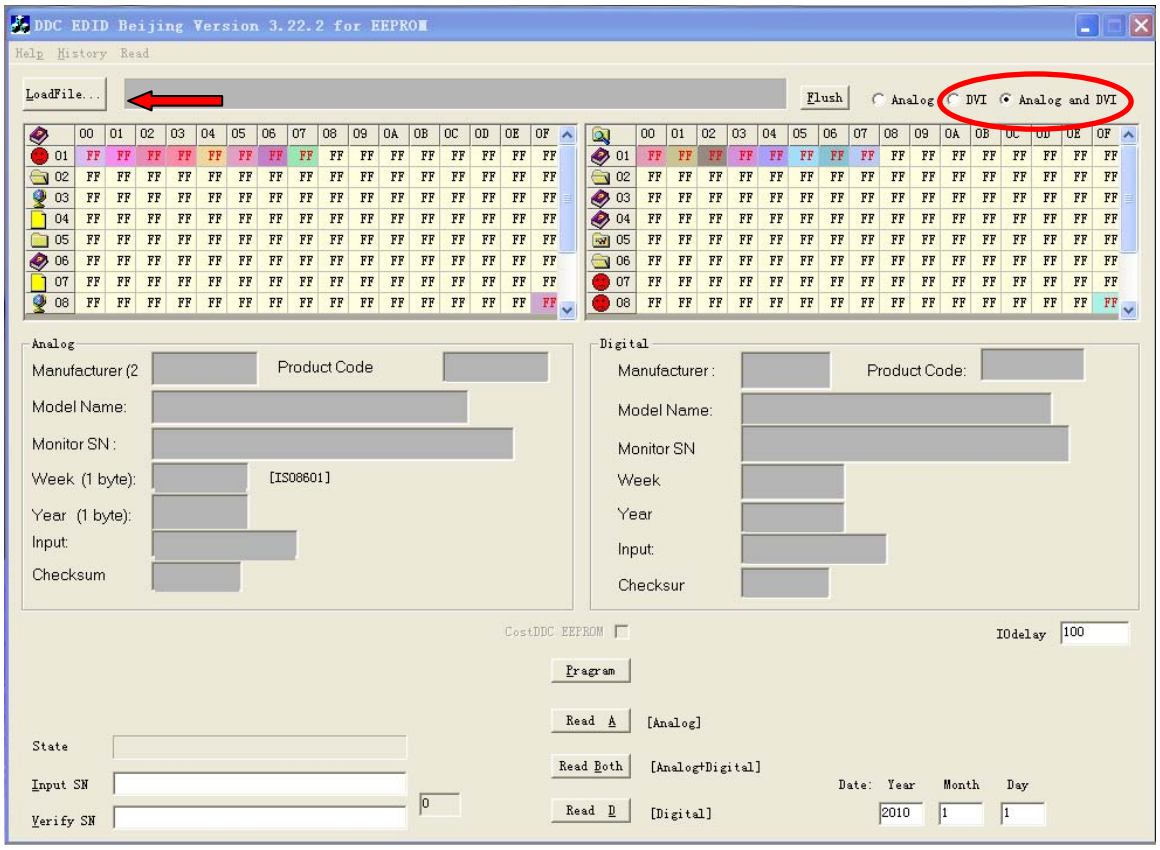
7.2 改写 DDC/EDID

1.连接工具---DDC Tool（715GT034-B+12V），连接打印线缆到 PC，DVI&VGA 线缆连接显示器，如图所示：

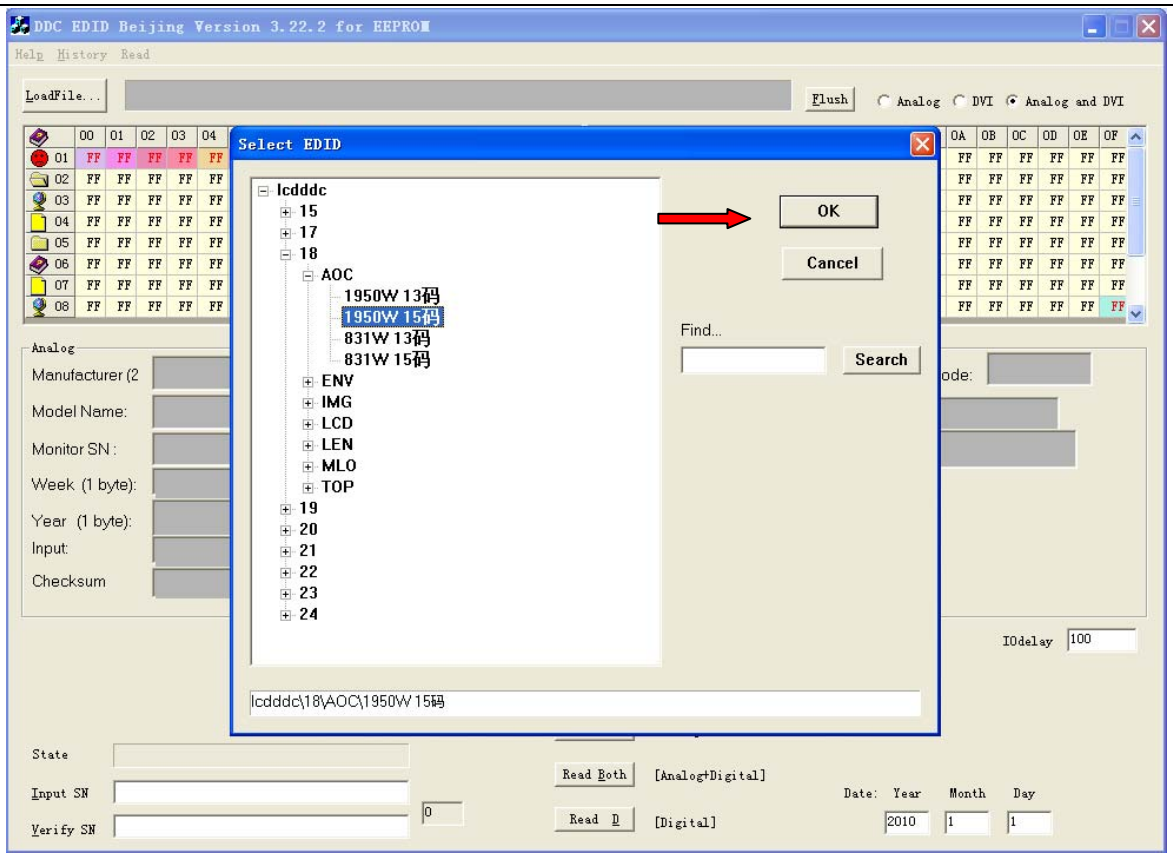


2.运行 DDC 软件，（PC 机 已经安装好打印口驱动 

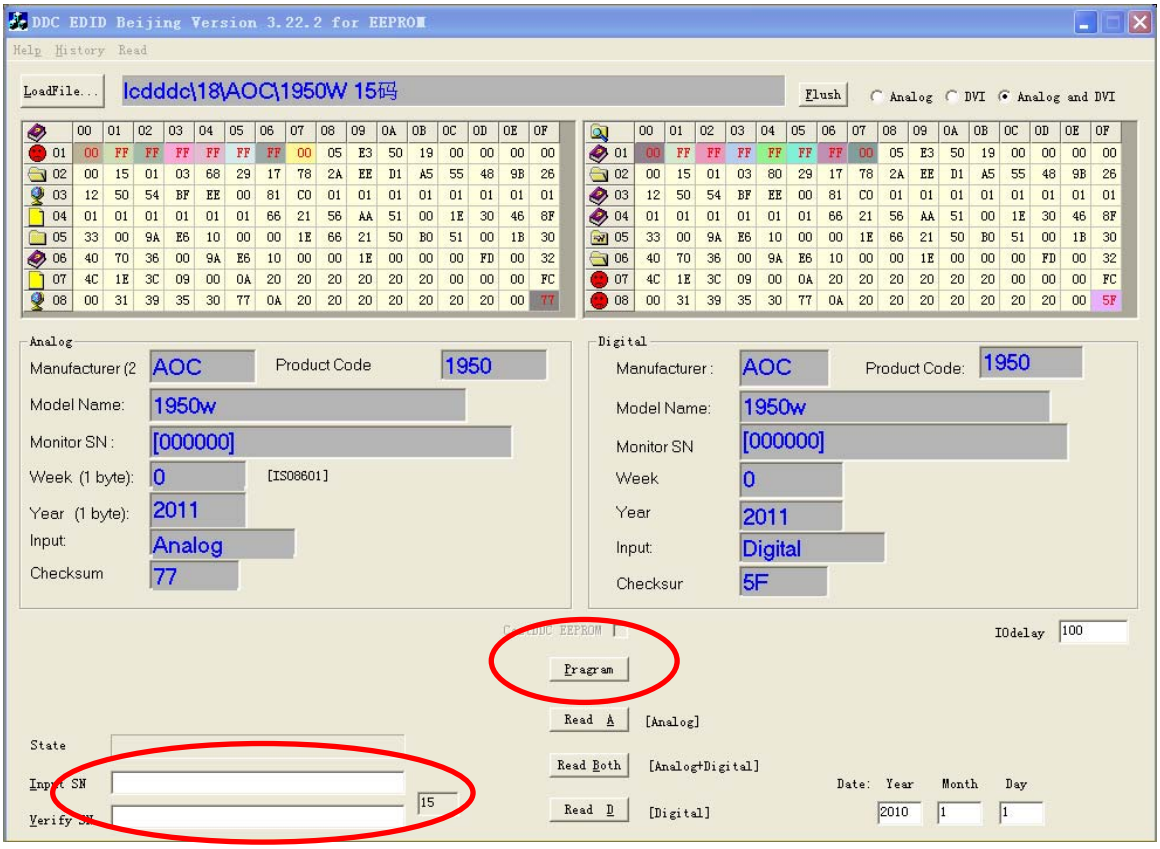
）选 VGA+DVI 接口。



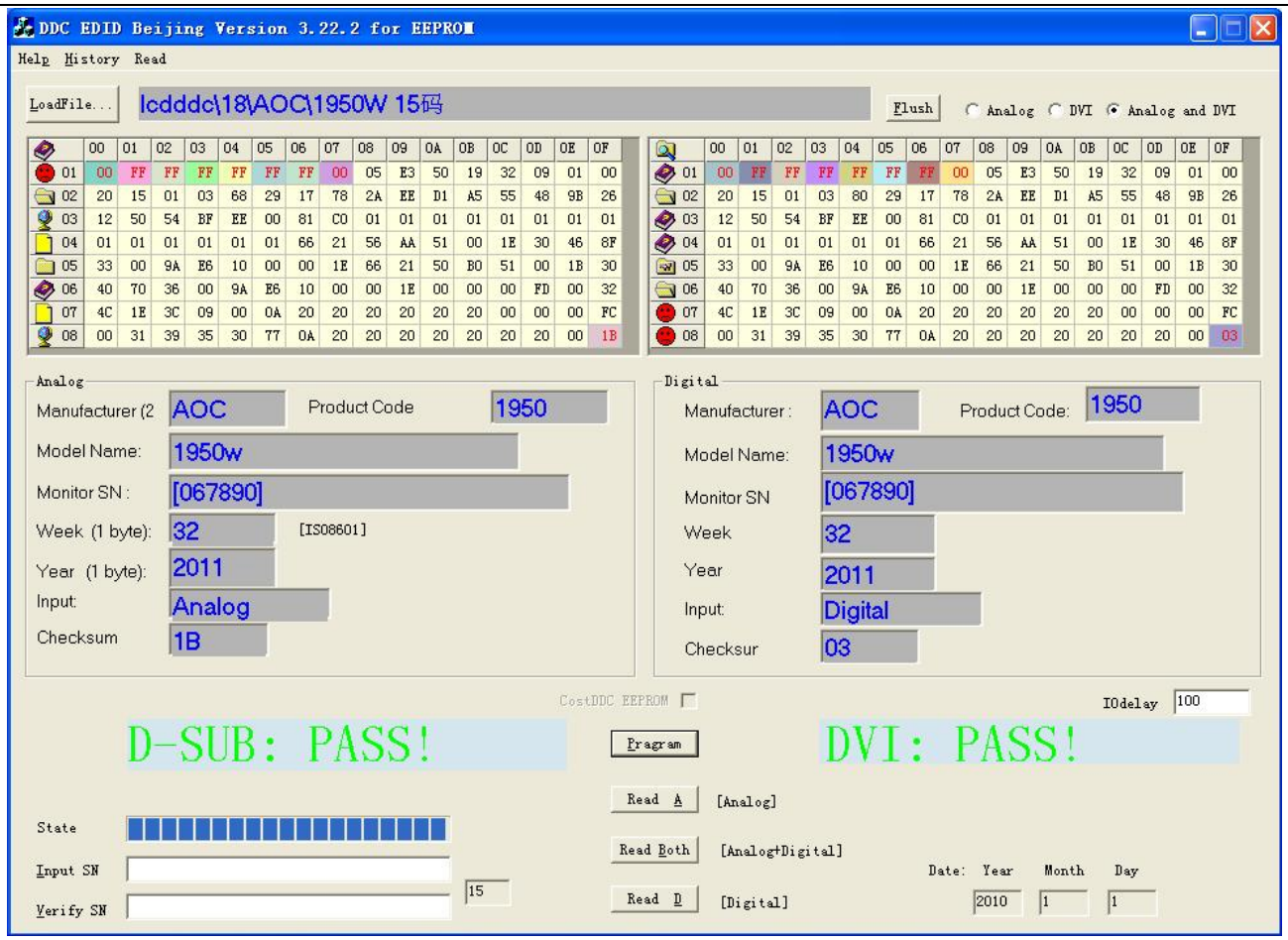
3.选择和本机匹配的 DDC 文件，在查找 DDC 文件时注意可能在 AOC-18 的路径，代码 1950



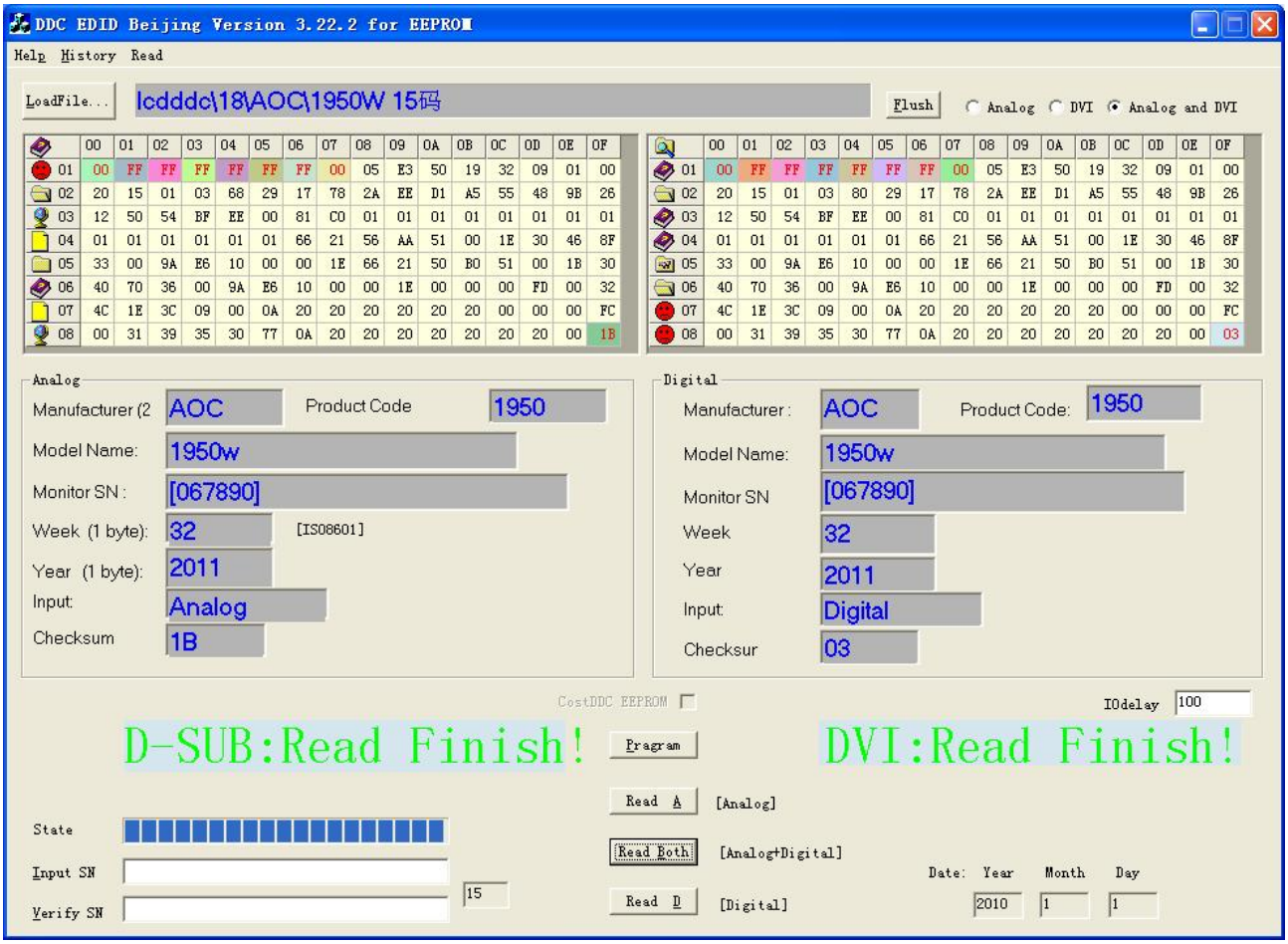
4.选择文件后，出现下图，输入二次机器序列号，注意本机是双接口 VGA+DVI，



5. 点击“Program”，DDC 自动改写，成功后，出现“PASS”。



6.读数据完成，即正常。要使 DVI+VGA 接口都正常方好。

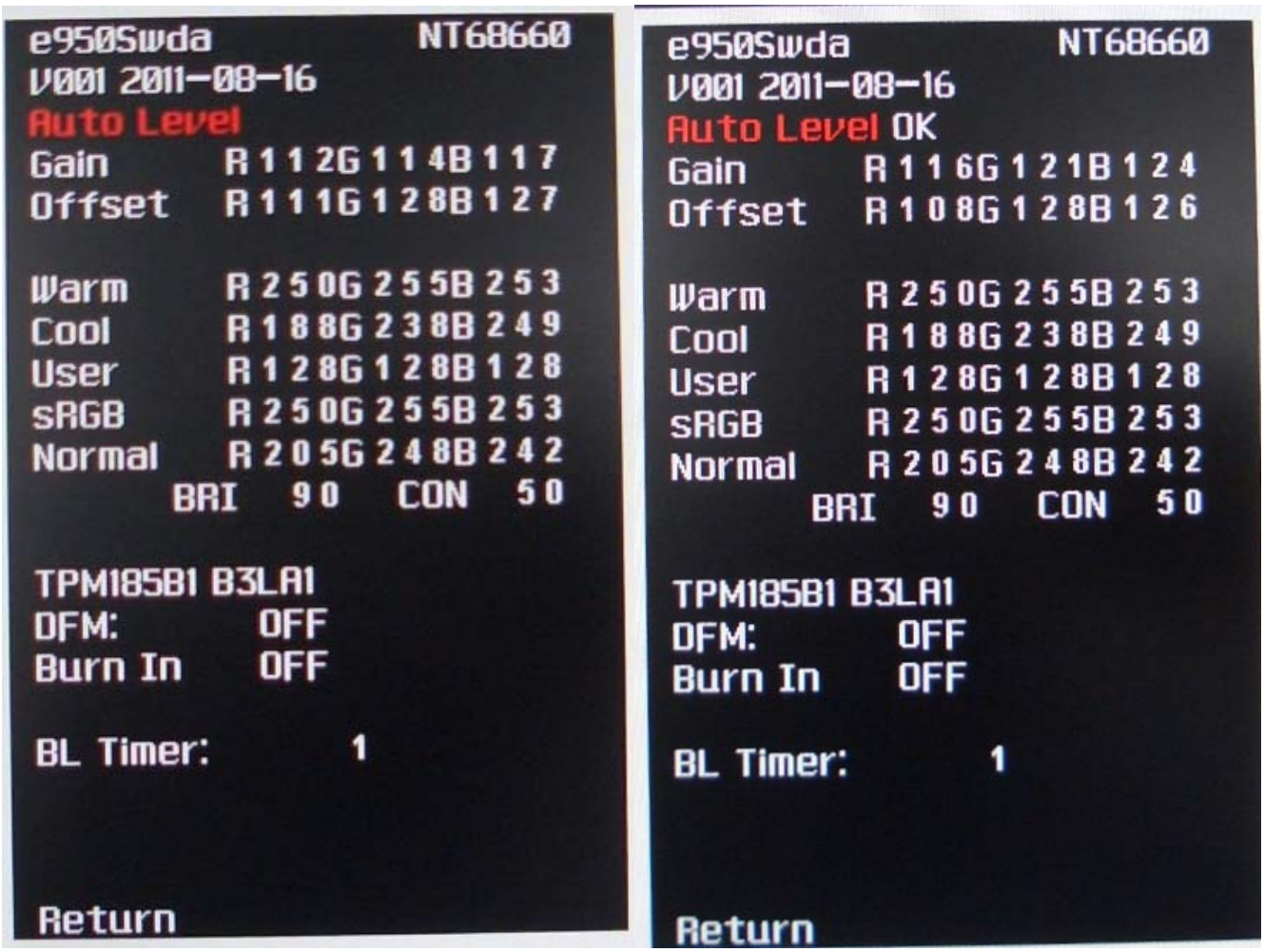


7.3.工厂模式调整

- 进入工厂模式方法：

机器应处于开机状态，拔掉输入电源线，然后按住Menu键，再接通电源线，放开”MENU”后，再按下”MENU”,工厂模式菜单将位于屏的左上角。

选中“F”，按下“MENU”,出现下图：



- 基本调整:

在黑白画面条件，选中“AUTO LEVEL”进行白平衡自动调整，出现OK则可。

调整完毕退出工厂模式菜单。

- 重置操作

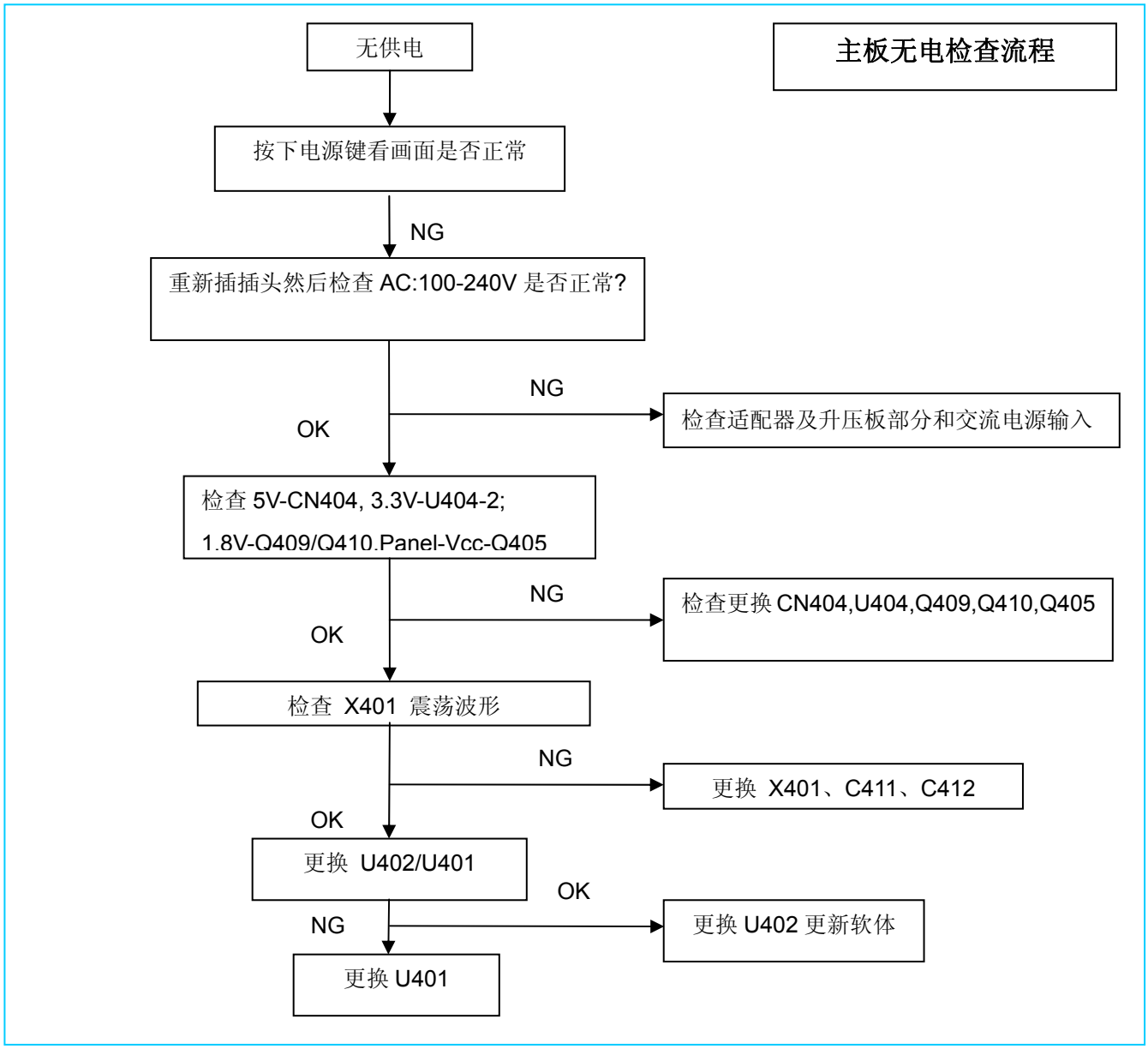
在改写了软体和 DDC 文件后，需要对显示器进行“重置”操作，恢复出厂状态：


其它
退出
明亮度
图像设置
颜色设置
窗口增亮
OSD 设置
输入选择
自动
自动调整
是
定时关机
00
图像比例
宽屏
DDC/CI
是
重置
否
分辨率 1920(H)x1080(V)
水平频率 67KHz
垂直频率 60Hz
其它
退出
明亮度
图像设置
颜色设置
窗口增亮
OSD 设置
输入选择
自动
自动调整
是
定时关机
00
图像比例
宽屏
DDC/CI
是
否
分辨率 1280(H)x1024(V)
水平频率 64KHz
垂直频率 60Hz

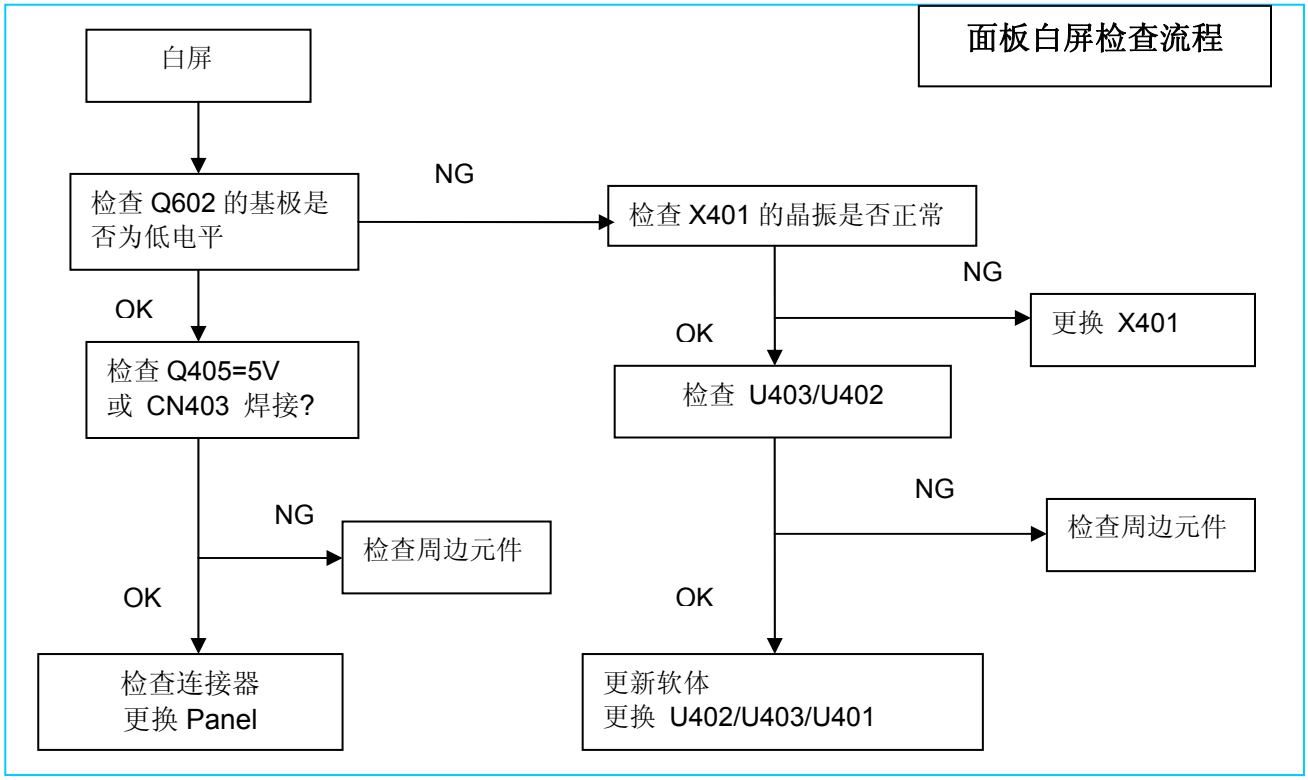
8.故障处理流程

8.1 主板

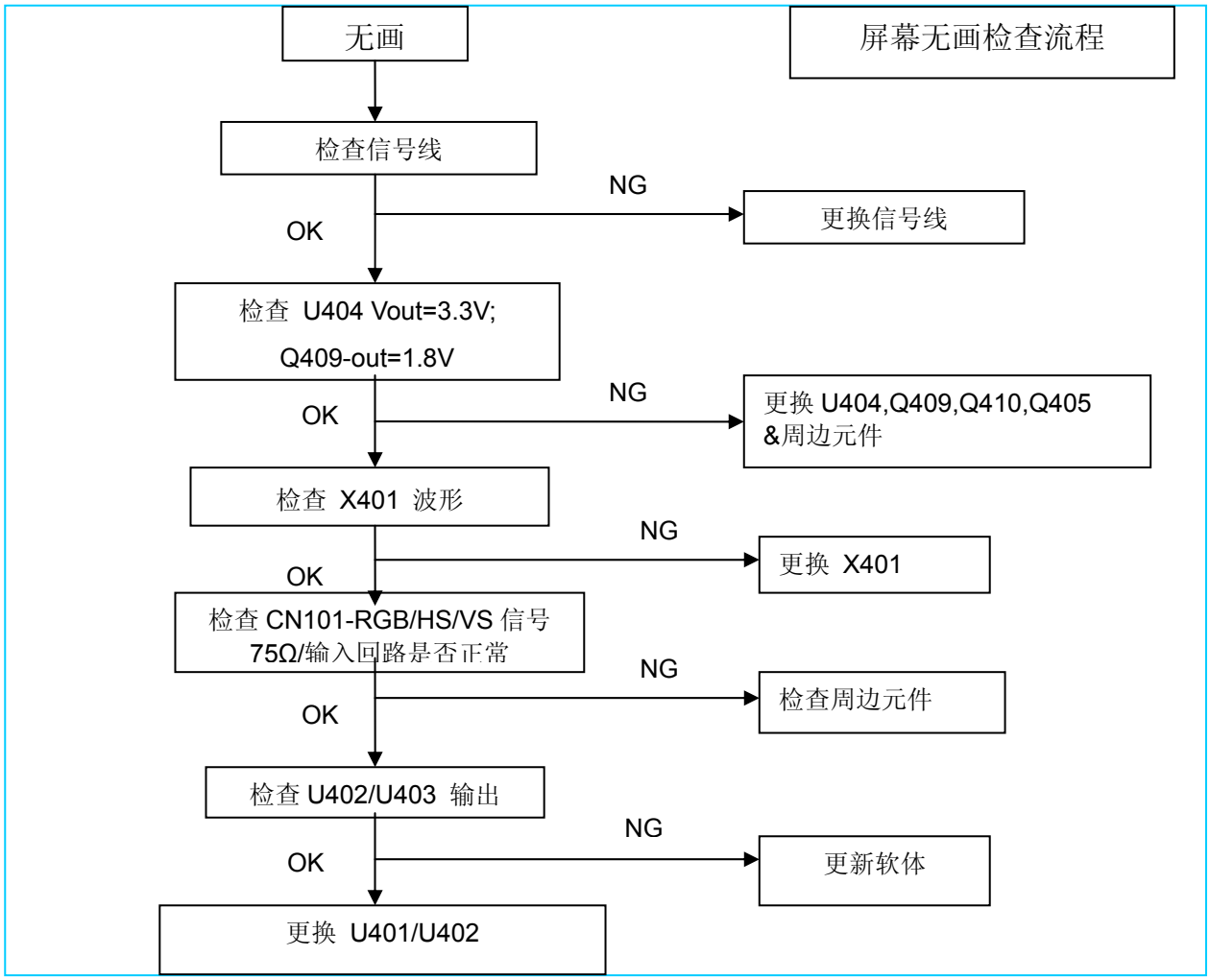
无供电



无画（LED 橙色）白屏

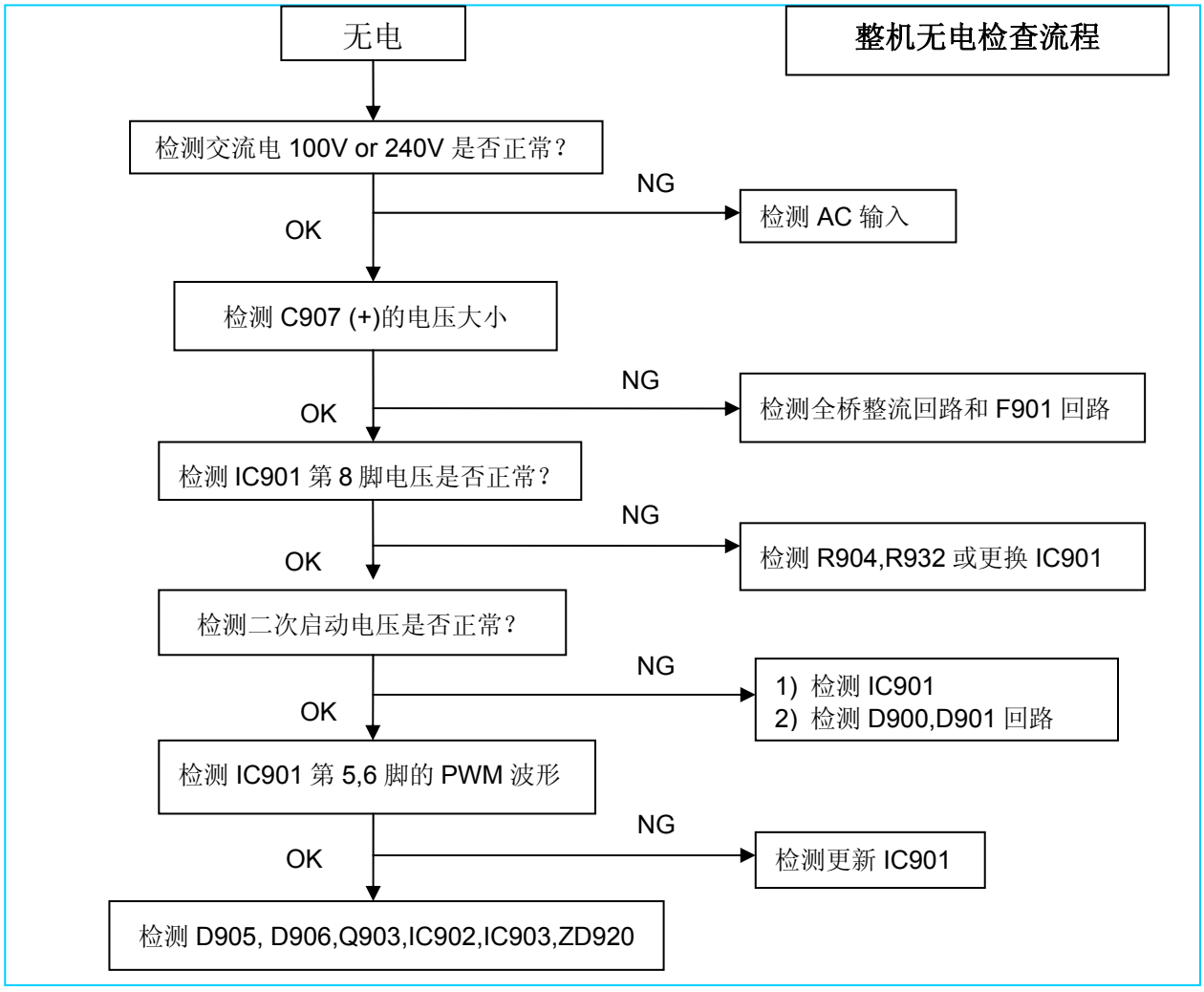


屏幕无画

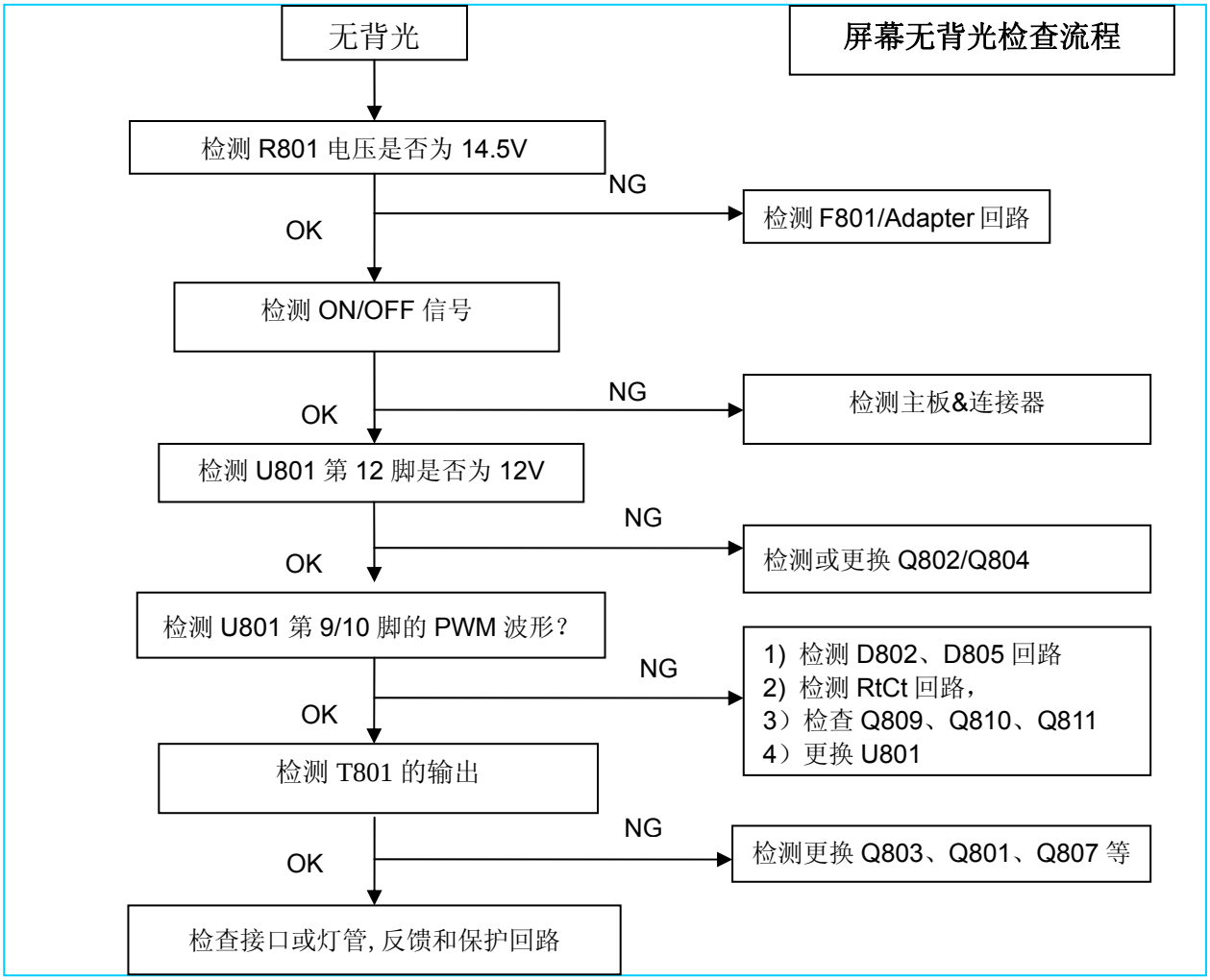


8.2 电源板

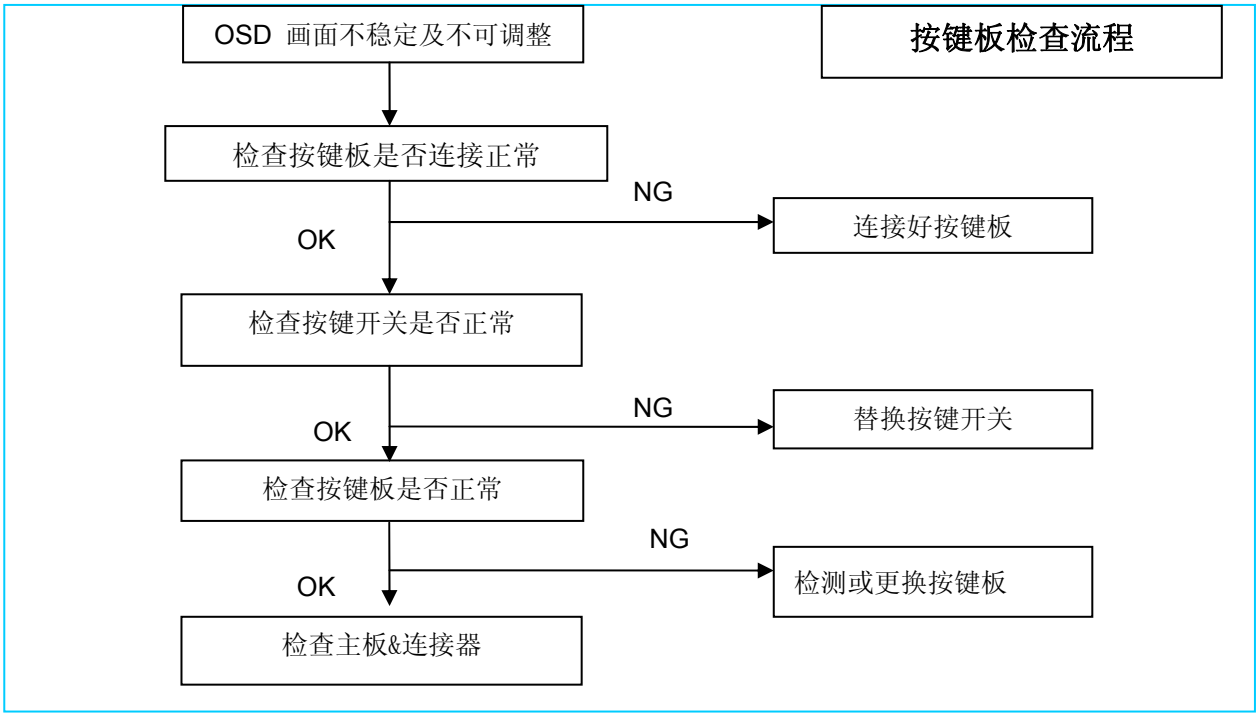
死机


整机无电检查流程
无电
检测交流电 100V or 240V 是否正常？
NG
检测 AC 输入
OK
检测 C907 (+)的电压大小
NG
检测全桥整流回路和 F901 回路
OK
检测 IC901 第 8 脚电压是否正常？
NG
检测 R904,R932 或更换 IC901
OK
检测二次启动电压是否正常？
NG
1) 检测 IC901
2) 检测 D900,D901 回路
OK
检测 IC901 第 5,6 脚的 PWM 波形
NG
检测更新 IC901
OK
检测 D905, D906,Q903,IC902,IC903,ZD920

屏幕无背光



8.3 按键板检查



9.料件清单 BOM

注意：以下料件信息仅供参考，如有变更，恕不另行通知，请到 http://cs.tpv.com.cn 获取最新信息。

9.1 Model：T8BMN26CAGA1DNJ

点位	组件号	对象描述	数量(CUn)
	040G 581 26704	SHIPPING LABEL	2nd source
	040G 58160811A	GREEN DOT LABEL	1
	040G 581689 4A	BARCODE LABEL FOR 1	3
	044G9003210	CORNER PAPER	1
	045G 88625 1A	PE BAG FOR CORNER PAPER	1
	052G 1210 A	Tasma aluminiowa	1
	052G 1211 B	Conductive Tape 85mm *40mm *0.09mm (单导)	2
E07801	078G025A553 VA	SPEAKER 4 OHM 2.5W 62*20 150+275	1
E08904	089G 17356G554	AUDIO CABLE 1800MM	1
E08902	089G 725HAA 2D	D-SUB CABLE 1500MM	1
E08903	089G1745HAA AC	DVI CABLE	1
E08901	089G402A15N HL	AC POWER CORD 1500mm	1
	0M1G1030 6120	SCREW 3x6	5
	0M1G1030 8120	SCREW	1
	0Q1G 140 12120	SCREW 4X12	1
	0Q1G 330 10120	SCREW FOR FP/RC 42-D003792	1
E750	750GBV185B3121N000	LCD TPM185B1-B3LA1 C3B FQ TPV	1
	756GJBCB AA023	MCU ASS'Y CBPCBN2A1J4 G4502-M01	
U402	056G2233501	FLASH MX25L2026DM1I-12G 2Mb SOP-8	
SMTCB-U402	100GANM8000B11	E950Swd_Nt68660_Tpm185.hex	
U401	056G 562368	SCALER NT68660FG/B TQFP-100	1
	A15G1587101	HINGE PLATE	2nd source
	A33G1181ABJ 2L	KNOB Function Button	2nd source
	A33G1182 1 1C	LENS Power	2nd source
	A33G1183ABJ 1L	STAND	1
	A33G1184ABJ 1L	COVER Hinge	1
	A34G2528AEDW1B7010	BEZEL FOR 50TH 18.5W	1
	A34G2529ABJ KB7012	REAR COVER	1
	A34G2530ABJ 1B7010	STAND COVER	1
	A34G2531AED 1B7010	BASE FOR 50TH 18.5W	1
	A37G0241011	HINGE 18.5	1
	AM1G1740 10125	SCREW	4
	CBPCBN2A1J4	CONVERSION G4502-M01-000-0040-DA-110526	1
CN402	033G3802 6B Y L	WAFER	1
CN701	033G3802 9B Y L	CONN 2.0 9P	1
	040G 45762412B	CBPC LABEL	1
R707	061G152M479 64 SY	RST MOFR 4.7 OHM +-5% 2WS FUTABA	1
CN101	088G 35315FVCL	D-SUB CONN V/T 15P BLUE H=10.4	1
CN102	088G 35424F VC	DVI CONN 24P V/T WITH SCREW	2nd source
CN102	088G 35424FVXH	DVI CONN V/T 24P WHITE	1
X401	093G 2251B J	CRYSTAL 12MHZ NXS12.000AC30F-KAB10	1
CN408	311GW200C30ABL	WAFER 2.0mm 2*15P	1
	AIGBN2A1J4	MAIN BOARD FOR AI	1
C705	067G 3051013PB	EC 105C 100uF M 16V 5*11mm	1
C710	067G 3051013PB	EC 105C 100uF M 16V 5*11mm	1
C716	067G 3051013PB	EC 105C 100uF M 16V 5*11mm	1
C433	067G 3051013PB	EC 105C 100uF M 16V 5*11mm	1
C702	067G 3051013PB	EC 105C 100uF M 16V 5*11mm	1
	SMTCBN2A1J4	MAIN BOARD FOR SMT	1

U703	056G 133 33AAC	LDO AZ1117H-1.8TRE1	1
U701	056G 563514	IC AZ1117H-3.3TRG1 1A/3.3V SOT223	1
U107	056G 662 48	ESD PROTECT AZC399-04S.R7G SOT23-6L	1
U106	056G 662 48	ESD PROTECT AZC399-04S.R7G SOT23-6L	1
U102	056G 662 48	ESD PROTECT AZC399-04S.R7G SOT23-6L	1
U103	056G 662 48	ESD PROTECT AZC399-04S.R7G SOT23-6L	1
U104	056G 662 48	ESD PROTECT AZC399-04S.R7G SOT23-6L	1
U101	056G1133531	EEPROM FM24C02A-SO-T-G 2K SOP-8	1
U105	056G1133531	EEPROM FM24C02A-SO-T-G 2K SOP-8	1
U402	056G2233501	FLASH MX25L2026DM1I-12G 2Mb SOP-8	1
Q401	057G 417517	Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC	1
Q402	057G 417517	Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC	1
Q701	057G 417518	TRA LMBT3904LT1G 200mA/40V SOT-23 LRC	1
Q706	057G 417518	TRA LMBT3904LT1G 200mA/40V SOT-23 LRC	1
Q705	057G 763940	MOSFET AO3401A SOT-23	1
R711	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R453	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R410	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R409	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R407	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R406	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R118	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R117	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R110	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R109	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R104	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R103	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R141	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R140	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R139	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R138	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R137	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R136	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R135	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R134	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R101	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R102	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R105	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R106	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R108	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R111	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R113	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R119	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R121	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R123	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R124	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R127	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R128	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R129	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R431	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R439	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R703	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R798	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1

R712	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R130	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R424	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R487	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R488	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R429	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R427	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R444	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R704	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R425	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R706	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R799	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R714	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R415	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R422	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R715	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R710	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R432	061G0402105 JT	RST CHIP R 1Mohm 1/16W +/-5% TZAI YUAN	1
R125	061G0402222 JT	RST CHIP 2K2 1/16W 5% TZAI YUAN	1
R126	061G0402222 JT	RST CHIP 2K2 1/16W 5% TZAI YUAN	1
R411	061G0402222 JT	RST CHIP 2K2 1/16W 5% TZAI YUAN	1
R413	061G0402222 JT	RST CHIP 2K2 1/16W 5% TZAI YUAN	1
R116	061G0402223 JT	RST CHIP 22K 1/16W 5% TZAI YUAN	1
R133	061G0402223 JT	RST CHIP 22K 1/16W 5% TZAI YUAN	1
R454	061G0402223 JT	RST CHIP 22K 1/16W 5% TZAI YUAN	1
R701	061G0402223 JT	RST CHIP 22K 1/16W 5% TZAI YUAN	1
R719	061G0402223 JT	RST CHIP 22K 1/16W 5% TZAI YUAN	1
R423	061G0402224 JT	RST CHIP 220K 1/16W 5% TZAI YUAN	1
R416	061G0402224 JT	RST CHIP 220K 1/16W 5% TZAI YUAN	1
R405	061G04023901FT	RST 0402 3.9K 1% 1/16W TZAI YUAN	1
R404	061G04023901FT	RST 0402 3.9K 1% 1/16W TZAI YUAN	1
R401	061G04023901FT	RST 0402 3.9K 1% 1/16W TZAI YUAN	1
R419	061G0402394 JY	RST CHIP R 390K +/-5% 1/16W YAGEO	1
R408	061G04024700FT	RST CHIP 470R 1/16W 1%	1
R142	061G0402471 JT	RST CHIP 470R 1/16W 5% TZAI YUAN	1
R114	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R115	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R131	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R132	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R702	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R721	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R107	061G0402750 JT	RST 0402 75R 5% 1/16W	1
R112	061G0402750 JT	RST 0402 75R 5% 1/16W	1
R120	061G0402750 JT	RST 0402 75R 5% 1/16W	1
R122	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R417	061G0603331 JT	RST 0603 330R 5% 1/10W	1
R418	061G0603471 JT	RST CHIPR 470OHM +-5% 1/10W TZAI YUAN	1
FB701	061G0805000 JT	RST 0805 0.05R MAX 1/8W	1
R726	061G0805000 JT	RST 0805 0.05R MAX 1/8W	1
R448	061G1206301 JT	RST CHIPR 300 OHM +-5% 1/4W TZAI YUAN	1
R449	061G1206301 JT	RST CHIPR 300 OHM +-5% 1/4W TZAI YUAN	1
C120	065G040210232K T	CAP CHIP 0402 1000pF 50V X7R	1
C405	065G040210412K Y	CAP 0402 100NF 10% 16V X7R	1
C403	065G040210412K Y	CAP 0402 100NF 10% 16V X7R	1

C402	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C119	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C427	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C425	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C424	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C422	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C419	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C418	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C417	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C415	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C412	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C411	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C410	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C409	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C408	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C704	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C706	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C712	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C713	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C718	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C701	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C703	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C434	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C118	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C117	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C115	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C114	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C113	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	1
C414	065G0402105A5K	Y	CAP 0402 1UF 10% 10V X5R	1
C181	065G040222031J	Y	CAP CHIP 0402 22P 50V NP0 +/-5%	1
C182	065G040222031J	Y	CAP CHIP 0402 22P 50V NP0 +/-5%	1
C426	065G040222031J	Y	CAP CHIP 0402 22P 50V NP0 +/-5%	1
C428	065G040222031J	Y	CAP CHIP 0402 22P 50V NP0 +/-5%	1
C101	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	1
C116	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	1
C429	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	1
C715	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	1
C110	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	1
C108	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	1
C107	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	1
C105	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	1
C104	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	1
C102	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	1
C109	065G040250931C	Y	CAP 0402 5PF 0.25pF 50V NP0	1
C106	065G040250931C	Y	CAP 0402 5PF 0.25pF 50V NP0	1
C103	065G040250931C	Y	CAP 0402 5PF 0.25pF 50V NP0	1
C401	065G0805475A2K	Y	CAP 0805 4U7 10V X7R +/-10%	1
C404	065G0805475A2K	Y	CAP 0805 4U7 10V X7R +/-10%	1
C413	065G0805475A2K	Y	CAP 0805 4U7 10V X7R +/-10%	1
C416	065G0805475A2K	Y	CAP 0805 4U7 10V X7R +/-10%	1
C421	065G0805475A2K	Y	CAP 0805 4U7 10V X7R +/-10%	1
C423	065G0805475A2K	Y	CAP 0805 4U7 10V X7R +/-10%	1
FB407	071G 56K121	M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB409	071G 56K121	M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1

FB401	071G 56V301 M	CHIP BEAD 0805 300R 25% 700mA	1
FB404	071G 56V301 M	CHIP BEAD 0805 300R 25% 700mA	1
FB405	071G 56V301 M	CHIP BEAD 0805 300R 25% 700mA	1
FB408	071G 56V301 M	CHIP BEAD 0805 300R 25% 700mA	1
D102	093G 64 42 P	BAV70 SOT23 BY PAN JIT	1
D101	093G 64 42 P	BAV70 SOT23 BY PAN JIT	1
D403	093G 39S 24 T	RLZ 5.6B LLDS	1
D402	093G 39S 24 T	RLZ 5.6B LLDS	1
ZD101	093G 39S 24 T	RLZ 5.6B LLDS	1
ZD102	093G 39S 24 T	RLZ 5.6B LLDS	1
D401	093G 39S 24 T	RLZ 5.6B LLDS	1
	715G4502M01000004C	MAIN PCB FR4 DS 80X72+1.6£¨mm£©	1
	H40G0002615 1A	e950Swa POP LABEL	1
	H44G8021101	EPS	1
	H44G8021201	EPS	1
	J07G 1 S106 X	WOODEN PALLET	1
	J15G1586101108	MAIN FRAME FOR 50TH 18.5W	1
	J40G 19T61577A	e950Sw ID LABEL 印度	2
	J40G000361552A	CARTON LABEL e950Swda 外销	1
	J41G78C1615 1A	warranty card-AP	1
	J44G6002 S152	paper plate	1
	J44G8X21615 5A	CARTON	1
	J45G 77 6	PE PACKING	0.31
	J45G9901609 3 N	EPE COVER	1
	J52G 1185A6A	MIDDLE TAPE FOR CARTON	70
	J52G 1185A6B	MIDDLE TAPE FOR CARTON	2nd source
	J52G1801 3 1A	MYLAR FOR UB	1
	J70G19C1615 3A	CD MANUAL e950Swda	1
	KEPCBJA5	KEY BOARD	1
LED001	081G 12 1F GP	LED Φ3mm 黄绿双色 GP32032M/G307-ZY-50-C	1
CN001	095G820H 6DE10	HARNESS 6P(SANW)-6P(2008) 120mm	1
	SMTKEPCBJA5	KEY BOARD FOR SMT	1
R002	061G0603000 FF	RST CHIPR MAX0R01 1/10W FENGHUA	1
R004	061G06031001FF	RST CHIPR 1 KOHM +-1% 1/10W FENGHUA	1
R001	061G06032001FF	RST CHIP 2KOHM 1% 1/10W FENGHUA	1
R003	061G06032001FF	RST CHIP 2KOHM 1% 1/10W FENGHUA	1
	AIKEPCBJA5	KEY BOARD FOR AI	1
SW005	077G603S AI CJ	TACT SWITCH AI 2PIN SEALED	2nd source
SW004	077G603S AI CJ	TACT SWITCH AI 2PIN SEALED	2nd source
SW003	077G603S AI CJ	TACT SWITCH AI 2PIN SEALED	2nd source
SW002	077G603S AI CJ	TACT SWITCH AI 2PIN SEALED	2nd source
SW001	077G603S AI CJ	TACT SWITCH AI 2PIN SEALED	2nd source
SW001	077G603S AI HJ	TACT SWITCH AI 2PIN SEALED	1
SW002	077G603S AI HJ	TACT SWITCH AI 2PIN SEALED	1
SW003	077G603S AI HJ	TACT SWITCH AI 2PIN SEALED	1
SW004	077G603S AI HJ	TACT SWITCH AI 2PIN SEALED	1
SW005	077G603S AI HJ	TACT SWITCH AI 2PIN SEALED	1
E715	715G4747K01000001C	KEY PCB FR1 SS 135*11*1.6mm	1
	PLPCA9361AHD5J	POWER G4744-P01-000-X-12-110323	1
GND1	009G6005 1	GROUND TERMINAL	1
CN602	033G3802 4B Y L	CONNECTOR 4P 2.0	1
CN803	033G8021 2E F	CONNECTOR	1
CN803	033G8021 2E L	INVERT CONN 3.5mm 2P	2nd source
	040G 45762412B	CBPC LABEL	2

U902	056G 139 9	IC EL817M(X) photocoupler DIP-4	2nd source
U902	056G 139 10	IC TLP781F photocoupler DIP-4	2nd source
U902	056G 139 3A	PC123Y22FZOF SHARP	1
U601	056G 616 85	AUDIO APA2603JI-TUG 3W DIP-16	1
C908	063G107K474 6S	0.47UF +-10%	1
C908	063G107K474 UM	CAP X2 470NF 10% 275V	2nd source
C902	065G305M1023PR	CAP Y2 1NF 20% 250V Y5U	2nd source
C903	065G305M1023PR	CAP Y2 1NF 20% 250V Y5U	2nd source
C902	065G305M1023WR	CAP Y2 1000PF 20% 250V Y5U	1
C903	065G305M1023WR	CAP Y2 1000PF 20% 250V Y5U	1
C900	065G306M2222BP	CAP Y1 2.2NF 20% 250V Y5P	1
C900	065G306M2222BW	CAP Y1 2200PF M 400VAC WANSHEGN	2nd source
C907A	067G 40Z47015H	EC 47UF 20% 450V 13*36	2nd source
C907	067G 40Z47015H	EC 47UF 20% 450V 13*36	2nd source
C907A	067G 40Z47015K	EC 47UF 20% 450V 12.5*35	1
C907	067G 40Z47015K	EC 47UF 20% 450V 12.5*35	1
C907	067G 40Z47015L	EC 47UF 20% 450V 12.5*35	2nd source
C907A	067G 40Z47015L	EC 47UF 20% 450V 12.5*35	2nd source
C809	067G 415330 9K	EC 33UF 20% 100V ED 8*12	1
C809	067G 415330 9L	EC 33UF 20% 100V RZW 8*11.5	2nd source
C921	067G 4156814KV	EC 680UF 20% 25V EP 12.5*12	1
C921	067G 4156814LV	EC 680UF 20% 25V RXK 12.5*12	2nd source
C801	067G215D3314KV	EC 330UF 20% 25V 10*12 4000 hr	1
C801	067G215D3314LV	LOW ESR EC 330uF 25V M 10*12.5mm	2nd source
C918	067G215D6814HV	EC 680uF 20% 25V 10*21mm	2nd source
C918	067G215D6814KV	EC 680UF 20% 25V 10*20	1
C918	067G215D6814LV	LOW ESR EC 680uF 25V M 10*20mm	2nd source
C922	067G215S4713KV	EC 470UF 20% 16V 10X13	1
C931	067G215S4713KV	EC 470UF 20% 16V 10X13	2nd source
C931	067G215S4713LV	LOW ESR EC 470uF 16V M 10*12.5mm	1
C922	067G215S4713LV	LOW ESR EC 470uF 16V M 10*12.5mm	2nd source
C613	067G305S1013HB	EC 100uF 16V 6.3*7mm	1
C604	067G305S1013HB	EC 100uF 16V 6.3*7mm	1
L901	073G 174 65 H2	LINE FILTER 30mH MIN	1
L901	073G 174 65 S2	LINE FILTER 30mH MIN	2nd source
L901	073G 174 65 X2	LINE FILTER 30mH MIN	2nd source
L906	073G 253191 H	IND CHOKE 1.1uH DADON	1
L907	073G 253191 H	IND CHOKE 1.1uH DADON	1
L906	073G 253191 L	CHOKE COIL 1.1uH CC-007802	2nd source
L801	073G 253214 H	CHOKE COIL 47UH 10% L470R HA	2nd source
L801	073G 253214 DN	CHOKE COIL 47UH 10% LZ.CC013.G01	1
CN901	087G 501 48 S	AC SOCKET 3PIN + 3 Hole	1
CN901	087G 501 48 DL	AC SOCKET 3PIN + 3 Hole	2nd source
CN601	088G302J5G1VCL	PHONE JACK V/T 5P GREEN H=15	1
D901	093G 60325	SCHOTTKY SB5150 5A 150V DO-201AD	2nd source
D902	093G 60325	SCHOTTKY SB5150 5A 150V DO-201AD	2nd source
D901	093G 60335	DIODE SR515 5A/150V DO-201AD	1
D902	093G 60335	DIODE SR515 5A/150V DO-201AD	1
CN902	095G 825 9D536	HARNESS 9P(SCN)-9P(2008) 80mm	2nd source
CN902	095G 825 9X536	HARNESS 9P(SCN)-9P(2008) 80mm	1
	705GHA57006	Q901 ASS"Y	1
	051G 200 1	OIL FOR DISAPPEAR	0.1
Q901	057G 667923	MOSFET SMK0765F 7A 650V TO-220FP	2nd source
Q901	057G 667941	MOSFET P0765ATF 7 650 TO-220F	1

HS1	090G6064 1	HEAT SINK	1
	0M1G 930 8120	SCREW 3x8	1
	705GHA93006	D906 ASS"Y	1
	051G 200 1	OIL FOR DISAPPEAR	0.1
D906	093G 52 63	DIODE FCQS10A065 10A/65V TO-220	2nd source
D906	093G 60507	SCHOTTKY SRF1060 C0 10A 60V ITO-220AB	1
	0M1G 930 6120	SCREW 3x6	1
HS3	Q90G6084 3	heat sink	1
	PLA9361AHD5SMTJ	POWER BOARD FOR SMT	1
U901	056G 379529	AC/DC CONVERTER IC LD7576AGR SOP-7	1
U801	056G 700 11	LED DRIVER OZ9998BGN-A1-0-TR SOP-16	1
Q607	057G 417517	Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC	1
Q608	057G 417518	TRA LMBT3904LT1G 200mA/40V SOT-23 LRC	1
Q801	057G 763 92	FET P8008HV 4A/80V SOP-8	1
Q801	057G 763947	MOSFET APM8005KCTRG SOP-8	2nd source
R609	061G06031002FF	RST CHIPR 10 KOHM +-1% 1/10W FENGHUA	1
R609	061G06031002FT	RST CHIP 10K 1/10W 1%	2nd source
R612	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	2nd source
R612	061G0603102 JT	RST CHIP 1K 1/10W 5% TZAI YUAN	1
R601	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	2nd source
R602	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	2nd source
R603	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	2nd source
R610	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	2nd source
R613	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	2nd source
R613	061G0603103 JT	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R610	061G0603103 JT	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R603	061G0603103 JT	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R602	061G0603103 JT	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R601	061G0603103 JT	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R605	061G0603223 JF	RST CHIPR 22KOHM 5% 1/10W FENGHUA	1
R604	061G0603223 JF	RST CHIPR 22KOHM 5% 1/10W FENGHUA	1
R604	061G0603223 JT	RST 0603 22K 5% 1/10W	2nd source
R605	061G0603223 JT	RST 0603 22K 5% 1/10W	2nd source
R606	061G0603333 JF	RST CHIPR 33KOHM 1/10W FENGHUA	2nd source
R607	061G0603333 JF	RST CHIPR 33KOHM 1/10W FENGHUA	2nd source
R606	061G0603333 JT	RST CHIP 33K 1/10W 5% TZAI YUAN	1
R607	061G0603333 JT	RST CHIP 33K 1/10W 5% TZAI YUAN	1
R811	061G0805000 JF	RST CHIPR 0 OHM +-5% 1/8W FENGHUA	1
R819	061G0805000 JF	RST CHIPR 0 OHM +-5% 1/8W FENGHUA	2nd source
RJ801	061G0805000 JF	RST CHIPR 0 OHM +-5% 1/8W FENGHUA	1
RJ601	061G0805000 JF	RST CHIPR 0 OHM +-5% 1/8W FENGHUA	2nd source
R820	061G0805000 JF	RST CHIPR 0 OHM +-5% 1/8W FENGHUA	2nd source
R821	061G0805000 JF	RST CHIPR 0 OHM +-5% 1/8W FENGHUA	2nd source
R822	061G0805000 JF	RST CHIPR 0 OHM +-5% 1/8W FENGHUA	2nd source
R821	061G0805000 JT	RST 0805 0.05R MAX 1/8W	1
R822	061G0805000 JT	RST 0805 0.05R MAX 1/8W	1
R811	061G0805000 JT	RST 0805 0.05R MAX 1/8W	2nd source
R819	061G0805000 JT	RST 0805 0.05R MAX 1/8W	1
R820	061G0805000 JT	RST 0805 0.05R MAX 1/8W	1
RJ601	061G0805000 JT	RST 0805 0.05R MAX 1/8W	1
R804	061G0805100 JF	RST CHIPR 10 OHM +-5% 1/8W FENGHUA	1
R804	061G0805100 JT	RST CHIP 10R 1/8W 5% TZAI YUAN	2nd source
R907	061G0805102 JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA	2nd source
R806	061G0805102 JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA	1

R907	061G0805102 JT	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	1
R806	061G0805102 JT	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	2nd source
R928	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R918	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R818	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R801	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R805	061G0805104 JT	RST CHIPR 100KOHM +- 5% 1/8W TZAI YUAN	1
R807	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	1
R808	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	1
R807	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	2nd source
R808	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	2nd source
R815	061G0805164 JF	RST 0805 160K 5% 1/8W	1
R815	061G0805164 JT	RST 0805 160K 5% 1/8W	2nd source
R810	061G08052002FF	RST CHIPR 20KOHM +-1% 1/8W FENGHUA	2nd source
R916	061G08052002FF	RST CHIPR 20KOHM +-1% 1/8W FENGHUA	2nd source
R935	061G08052002FF	RST CHIPR 20KOHM +-1% 1/8W FENGHUA	2nd source
R935	061G08052002FT	RST CHIP 20K 1/8W 1%	1
R916	061G08052002FT	RST CHIP 20K 1/8W 1%	1
R810	061G08052002FT	RST CHIP 20K 1/8W 1%	1
R920	061G0805202 JF	RST CHIPR 2KOHM +-5% 1/8W FENGHUA	1
R920	061G0805202 JT	RST CHIP 2K 1/8W 5% TZAI YUAN	2nd source
R919	061G0805221 JF	RST CHIPR 220 OHM +-5% 1/8W FENGHUA	1
R919	061G0805221 JT	RST CHIP 220R 1/8W 5% TZAI YUAN	2nd source
R803	061G0805304 JF	RST CHIPR 300KOHM +-5% 1/8W FENGHUA	1
R802	061G0805304 JF	RST CHIPR 300KOHM +-5% 1/8W FENGHUA	1
R803	061G0805304 JT	RST CHIP 300K 1/8W 5% TZAI YUAN	2nd source
R802	061G0805304 JT	RST CHIP 300K 1/8W 5% TZAI YUAN	2nd source
R809	061G08053303FF	RST CHIP 330K 1/8W 1%	2nd source
R809	061G08053303FT	RST CHIP 330K 1% 1/8W	1
R905	061G0805471 JF	RST CHIPR 470 OHM +-5% 1/8W FENGHUA	2nd source
R905	061G0805471 JT	RST CHIPR 470OHM +-5% 1/8W TZAI YUAN	1
R816	061G08055101FF	RST CHIPR 5.1KOHM +-1% 1/8W FENGHUA	2nd source
R816	061G08055101FT	RST CHIP 5K1 1/8W 1%	1
R925	061G08059101FF	RST CHIPR 9.1KOHM +-1% 1/8W FENGHUA	1
R925	061G08059101FT	RST CHIP 9K1 1/8W 1%	2nd source
RJ608	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	2nd source
RJ607	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	2nd source
RJ606	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	2nd source
RJ605	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	2nd source
RJ604	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	2nd source
RJ603	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	2nd source
RJ602	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	2nd source
F801	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	2nd source
RJ607	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	1
RJ606	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	1
RJ605	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	1
F801	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	1
RJ608	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	1
RJ602	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	1
RJ603	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	1
RJ604	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	1
R917	061G1206100 JF	RST CHIPR 10 OHM +-5% 1/4W FENGHUA	2nd source
R917	061G1206100 JT	RST CHIPR 10 OHM +-5% 1/4W TZAI YUAN	1
R814	061G12061009FF	RST CHIP 10 OHM 1% 1/4W FENGHUA	1

R814	061G12061009FT	RST CHIP R 10ohm 1/4W +/-1%	2nd source
R912	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R910	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R909	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R903	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R929	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R930	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	1
R908	061G1206103 JF	RST CHIPR 10KOHM +-5% 1/4W FENGHUA	2nd source
R911	061G1206103 JF	RST CHIPR 10KOHM +-5% 1/4W FENGHUA	1
R908	061G1206103 JT	RST CHIPR 10KOHM +-5% 1/4W TZAI YUAN	1
R911	061G1206103 JT	RST CHIPR 10KOHM +-5% 1/4W TZAI YUAN	2nd source
R913	061G1206109 JF	RST CHIPR 1 OHM +-5% 1/4W FENGHUA	2nd source
R913	061G1206109 JT	RST CHIPR 1 OHM +-5% 1/4W TZAI YUAN	1
R812	061G12062007FF	RST CHIPR 0.2 OHM +-1% 1/4W FENGHUA	2nd source
R813	061G12062007FF	RST CHIPR 0.2 OHM +-1% 1/4W FENGHUA	2nd source
R812	061G12062007FT	RST CHIPR 0.2 OHM +-1% 1/4W	1
R813	061G12062007FT	RST CHIPR 0.2 OHM +-1% 1/4W	1
R923	061G1206221 JF	RST CHIPR 220 OHM +-5% 1/4W FENGHUA	2nd source
R923	061G1206221 JT	RST CHIPR 220 OHM +-5% 1/4W TZAI YUAN	1
R902	061G1206624 JF	RST CHIPR 620KOHM +-5% 1/4W FENGHUA	1
R901	061G1206624 JF	RST CHIPR 620KOHM +-5% 1/4W FENGHUA	1
R900	061G1206624 JF	RST CHIPR 620KOHM +-5% 1/4W FENGHUA	1
R817	061G1206681 JT	RST CHIPR 680 OHM +-5% 1/4W TZAI YUAN	1
C614	065G060310412K M	MLCC 0603 CAP 0.1uF 16V X7R	1
C612	065G060310412K M	MLCC 0603 CAP 0.1uF 16V X7R	1
C605	065G060310412K M	MLCC 0603 CAP 0.1uF 16V X7R	1
C609	065G060310512K M	CAP 0603 1UF 10% 16V X7R	2nd source
C608	065G060310512K M	CAP 0603 1UF 10% 16V X7R	2nd source
C609	065G060310512K T	CAP 0603 1UF 10% 16V X7R	1
C608	065G060310512K T	CAP 0603 1UF 10% 16V X7R	1
C618	065G060320131J F	CAP 0603 200PF J 50V NP0	2nd source
C617	065G060320131J F	CAP 0603 200PF J 50V NP0	2nd source
C619	065G060320131J F	CAP 0603 200PF J 50V NP0	2nd source
C620	065G060320131J F	CAP 0603 200PF J 50V NP0	2nd source
C617	065G060320131J Y	CAP CHIP 0603 200PF J 50V NPO	1
C618	065G060320131J Y	CAP CHIP 0603 200PF J 50V NPO	1
C619	065G060320131J Y	CAP CHIP 0603 200PF J 50V NPO	1
C620	065G060320131J Y	CAP CHIP 0603 200PF J 50V NPO	1
C621	065G060320131J Y	CAP CHIP 0603 200PF J 50V NPO	1
C622	065G060320131J Y	CAP CHIP 0603 200PF J 50V NPO	1
C610	065G060347131J F	CAP CHIP 0603 470PF J 50V NPO	1
C611	065G060347131J F	CAP CHIP 0603 470PF J 50V NPO	1
C610	065G060347131J Y	CAP CHIP 0603 470P 50V NP0 +/-5%	2nd source
C611	065G060347131J Y	CAP CHIP 0603 470P 50V NP0 +/-5%	2nd source
C601	065G060347412K F	CAP 0603 470NF 10% 16V X7R	2nd source
C602	065G060347412K F	CAP 0603 470NF 10% 16V X7R	2nd source
C603	065G060347412K F	CAP 0603 470NF 10% 16V X7R	2nd source
C606	065G060347412K F	CAP 0603 470NF 10% 16V X7R	2nd source
C606	065G060347412K Y	CAP CHIP 0.47uF 16V +/-10% X7R	1
C603	065G060347412K Y	CAP CHIP 0.47uF 16V +/-10% X7R	1
C602	065G060347412K Y	CAP CHIP 0.47uF 16V +/-10% X7R	1
C601	065G060347412K Y	CAP CHIP 0.47uF 16V +/-10% X7R	1
C812	065G080510131J F	CAP CHIP 0805 100PF J 50V NPO	1
C812	065G080510131J Y	CAP CHIP 0805 100P 50V NP0 +/-5%	2nd source

C923	065G080510232K F	CAP 0805 1000PF 10% 50V X7R	1
C914	065G080510232K F	CAP 0805 1000PF 10% 50V X7R	2nd source
C906	065G080510232K F	CAP 0805 1000PF 10% 50V X7R	2nd source
C815	065G080510232K F	CAP 0805 1000PF 10% 50V X7R	2nd source
C803	065G080510232K F	CAP 0805 1000PF 10% 50V X7R	2nd source
C803	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	1
C815	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	1
C906	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	1
C914	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	1
C923	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	2nd source
C802	065G080510332K F	CAP 0805 10NF K 50V X7R	2nd source
C915	065G080510332K F	CAP 0805 10NF K 50V X7R	2nd source
C802	065G080510332K Y	CAP CHIP 0805 10N 50V X7R +/-10%	1
C915	065G080510332K Y	CAP CHIP 0805 10N 50V X7R +/-10%	1
C814	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R	1
C912	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R	2nd source
C924	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R	1
C926	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R	2nd source
C926	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%	1
C924	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%	2nd source
C912	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%	1
C814	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%	2nd source
C813	065G080522131J F	CAP CHIP 0805 220PF J 50V NPO	1
C813	065G080522131J Y	CAP CHIP 0805 220P 50V NP0 +/-5%	2nd source
C807	065G080522432K F	CAP 0805 220NF 10% 50V X7R	2nd source
C806	065G080522432K F	CAP 0805 220NF 10% 50V X7R	2nd source
C807	065G080522432K Y	CAP CHIP 0805 220N 50V X7R +/-10%	1
C806	065G080522432K Y	CAP CHIP 0805 220N 50V X7R +/-10%	1
C927	065G080547332K F	CAP CHIP 0805 47NF K 50V X7R	1
C927	065G080547332K Y	CAP CHIP 0805 47N 50V X7R +/-10%	2nd source
C811	065G080547432K A	CAP CHIP 0805 0.47UF K 50V X7R	2nd source
C810	065G080547432K A	CAP CHIP 0805 0.47UF K 50V X7R	2nd source
C804	065G080547432K A	CAP CHIP 0805 0.47UF K 50V X7R	2nd source
C811	065G080547432K T	CAP CHIP 0805 0.47UF K 50V X7R	1
C810	065G080547432K T	CAP CHIP 0805 0.47UF K 50V X7R	1
C804	065G080547432K T	CAP CHIP 0805 0.47UF K 50V X7R	1
C811	065G080547432K Y	CAP CHIP 0805 470N 50V X7R +/-10%	2nd source
C810	065G080547432K Y	CAP CHIP 0805 470N 50V X7R +/-10%	2nd source
C804	065G080547432K Y	CAP CHIP 0805 470N 50V X7R +/-10%	2nd source
C808	065G120610171J Y	CAP 1206 100PF 5% 500V NP0	1
C929	065G120622272K Y	CER 1206 2N2 500V X7R 10%	1
C928	065G120622272K Y	CER 1206 2N2 500V X7R 10%	1
C917	065G120622272K Y	CER 1206 2N2 500V X7R 10%	1
C916	065G120622272K Y	CER 1206 2N2 500V X7R 10%	1
C929	065G1206222B2K M	CAP 1206 2.2NF 10% 630V X7R	2nd source
C928	065G1206222B2K M	CAP 1206 2.2NF 10% 630V X7R	2nd source
C917	065G1206222B2K M	CAP 1206 2.2NF 10% 630V X7R	2nd source
C916	065G1206222B2K M	CAP 1206 2.2NF 10% 630V X7R	2nd source
FB603	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB602	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB604	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
FB605	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
R608	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	1
D801	093G 60S509 T	SCHOTTKY BR310 T/R 3A 100V SMB	2nd source

D801	093G 60S907 T	SCHOTTKY B3100B 3A 100V SMB	1
	PLA9361AHD5AIJ	POWER BOARD FOR AI	1
CN901	006G 31500	EYELET	3
	040G 45762420A	LABEL 25x6mm	1
IC903	056G 158 10 T	LDO IC AZ431AZ-AE1 TO-92 150MA 40V TO-92	1
IC903	056G 158 12	Shunt Regulator KIA431A-AT/P TO-92	2nd source
Q904	057G 530503 T	2SD1207T	1
Q904	057G 761 16	TRA KTD1028 KEC	2nd source
R915	061G 17222052T TZ	RST CFR 22R 5% 1/4W	1
R915	061G 17222052T XZ	RST CFR 22 OHM +-5% 1/4W XIANZHENG	2nd source
R906	061G152M10452T SY	RST MOFR 100KOHM +-5% 2WS FUTABA	1
R904	061G152M25152T SY	RST MOF 250R 5% 2W	1
R924	061G152M47852T HX	RST MOFR 0.47 OHM +-5% 2WS	2nd source
R924	061G152M47852T SY	RST MOFR 0.47 OHM +-5% 2WS FUTABA	1
C911	065G 2K152 2T6213	CAP CER 1.5NF 10% 2KV Y5P	2nd source
C911	065G 2K152 2T6921	CAP CER 1500pF K 2KV Y5P	1
C805	065G250K1052HT	CAP CER 1UF 10% 25V X7R	1
C816	065G517K102 2T6921	CAP CER 1000PF K 500V Y5P	1
C920	067G 2046812KT	CS CAP 680uF 10V 8*11 mm	1
C920	067G 2046812LT	CAP CS 680UF 20% 10V 8*11.5	2nd source
C913	067G215Y4707KT	EC 47uF 20% 50V 6.3*11mm EG	1
C913	067G215Y4707LT	LOW ESR EC 47uF 50V M 6.3*11mm	2nd source
J613	071G 55 9 T	BEAD 3.5*0.8*6.0mm 110R HF	1
J613	071G 55 9 X	CORE 3.5*0.8*6.0 110R 25% 3BDR3560-903A	2nd source
FB902	071G 55 29	FERRITE BEAD	1
FB903	071G 55 29	FERRITE BEAD	1
FB801	071G 55 29	FERRITE BEAD	1
FB802	071G 55 29	FERRITE BEAD	1
FB901	071G 55 29	FERRITE BEAD	1
FB902	071G 55 29 X	BEAD 3.5X2.2X0.8 45R 25% 3BDR3522-453A	2nd source
FB901	071G 55 29 X	BEAD 3.5X2.2X0.8 45R 25% 3BDR3522-453A	2nd source
FB802	071G 55 29 X	BEAD 3.5X2.2X0.8 45R 25% 3BDR3522-453A	2nd source
FB801	071G 55 29 X	BEAD 3.5X2.2X0.8 45R 25% 3BDR3522-453A	2nd source
FB903	071G 55 29 X	BEAD 3.5X2.2X0.8 45R 25% 3BDR3522-453A	2nd source
F903	084G 56 4 B	FUSE 4A 250V	1
F902	084G 56 4 B	FUSE 4A 250V	1
F901	084G 56 4 B	FUSE 4A 250V	1
F902	084G 56 4W	FUSE 4A 250V	2nd source
F901	084G 56 4W	FUSE 4A 250V	2nd source
ZD901	093G 3916352T	ZD TZX22B	2nd source
ZD901	093G 3916826T	GPMTZJ T-77 22B	2nd source
ZD901	093G 39A6852T	ZENER DIODES MTZJ22B DO-34	1
D904	093G 6026T52T	CTIFIER DIODE FR107	1
D903	093G 6026T52T	CTIFIER DIODE FR107	1
D904	093G 60964	RECTIFIER PS1010R T/B 1A 1000V DO-41	2nd source
D903	093G 60964	RECTIFIER PS1010R T/B 1A 1000V DO-41	2nd source
D907	093G 6452452T	SWITCHING 1N4148-B4006 0.2A 100V DO-35	1
D601	093G 6452452T	SWITCHING 1N4148-B4006 0.2A 100V DO-35	1
J813	095G 90 23	JUMPER WIRE	1
J812	095G 90 23	JUMPER WIRE	1
J811	095G 90 23	JUMPER WIRE	1
J810	095G 90 23	JUMPER WIRE	1
J809	095G 90 23	JUMPER WIRE	1

J808	095G 90 23	JUMPER WIRE	1
J807	095G 90 23	JUMPER WIRE	1
J806	095G 90 23	JUMPER WIRE	1
J805	095G 90 23	JUMPER WIRE	1
J804	095G 90 23	JUMPER WIRE	1
J803	095G 90 23	JUMPER WIRE	1
J802	095G 90 23	JUMPER WIRE	1
J814	095G 90 23	JUMPER WIRE	1
J902	095G 90 23	JUMPER WIRE	1
J901	095G 90 23	JUMPER WIRE	1
J815	095G 90 23	JUMPER WIRE	1
J907	095G 90 23	JUMPER WIRE	1
J909	095G 90 23	JUMPER WIRE	1
J910	095G 90 23	JUMPER WIRE	1
J921	095G 90 23	JUMPER WIRE	1
J908	095G 90 23	JUMPER WIRE	1
J903	095G 90 23	JUMPER WIRE	1
J904	095G 90 23	JUMPER WIRE	1
J905	095G 90 23	JUMPER WIRE	1
J906	095G 90 23	JUMPER WIRE	1
J601	095G 90 23	JUMPER WIRE	1
J602	095G 90 23	JUMPER WIRE	1
J603	095G 90 23	JUMPER WIRE	1
J604	095G 90 23	JUMPER WIRE	1
J605	095G 90 23	JUMPER WIRE	1
J606	095G 90 23	JUMPER WIRE	1
J607	095G 90 23	JUMPER WIRE	1
J608	095G 90 23	JUMPER WIRE	1
J609	095G 90 23	JUMPER WIRE	1
J610	095G 90 23	JUMPER WIRE	1
J611	095G 90 23	JUMPER WIRE	1
J612	095G 90 23	JUMPER WIRE	1
J801	095G 90 23	JUMPER WIRE	1
	715G4744P01000001C	PWR PCB FR1 SS 195*132*1.6MM	1
	Q51G 6 4509	GLUE_RTV	1
T901	S80GL22T3V3	Transformer Ass'Y	2nd source
NR901	061G 58120MEX	RST NTCR 12OHM +/-20% 4A XINGSHUN	1
T901	080GL22T 3 N3	X'FMR 490UH 7% 4UH YUVA-1656	1
T901	080GL22T 3 S3	X'FMR 490UH 7% 4UH BCK-ER28-22210	2nd source
BD901	093G 50460514	BRIDGE KBP306G-05 3A 800V KBP	2nd source
BD901	093G 50460515	BRIDGE KBP308G-C 3A 800V KBP	1
BD901	093G 50460 28	BRIDGE DIODE KBP208G LITEON	2nd source
C900	065G306M2223BW	CAP Y1 2.2NF 20% 250V Y5U	2nd source
	Q12G6600 6	FOOT	4
	Q52G6025 13155	MYLAR	1
E09501	S95G80183E51	HARNESS 30P-30P(2004) 160MM	1