

# 新规格物料 认可书 / 取消认可书

编制日期: 2018-04-27

序号:

物料名称: <u>三合一机芯板</u>	适用机型: <u>28D1610</u>
供应商: <u>CVT</u>	属于: <input type="checkbox"/> 战略部品 <input type="checkbox"/> 方案部品 <input type="checkbox"/> 通用部品
供应商代码: _____	送样部门: _____ 送样人员: _____ 送样日期: _____

<b>认可原因:</b> <input checked="" type="checkbox"/> 新物料 <input type="checkbox"/> 降低成本 <input type="checkbox"/> 技术指标改善 <input type="checkbox"/> 更换供应商 <input type="checkbox"/> 试产用途 试产时间: _____ 试产数量: _____	<b>供应商确认状态:</b> <input type="checkbox"/> 已确认 <input type="checkbox"/> 未确认 (供应商未确认时, 应填写下列各项:) 供应商评审人员: _____ 评审时间: _____ 确认供应商批准人员: _____ 批准时间: _____
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**认可意见及资料:**

- 该物料:
  - 认可
  - 有条件认可, 数量为 \_\_\_\_\_ 件
  - 不认可
- 有效日期: \_\_\_\_\_
- 附送资料:  说明书  纸质图纸  
 电子版图纸 (yfls@tcl.com)  
 用于环保产品, 附部品原材料清单, 禁用物质检测报告
- 附送样板:  有样板  无样板, 到货后补样板

**取消认可意见及资料:**

- 产品升级, 向下兼容, 则原有物料编号消;
- 新品淘汰, 不再使用;
- 降低成本, 不再使用;
- 供应商停产;
- 不符合标准化要求取消。

**机芯配置说明:**

软件版本: 无

硬件相同料号: 仅在 02-SFV63A-C007000 基础上更改ID号, 其它不变

ID号 (必填): 113

供应商机芯名 (必填): TP.MS3463S.PB782

TCL机芯名 (必填): 3MS463LC7EU.03

配屏信息 (必填): 4A-LD2805-CS1GTA

背光参数 (必填): 60V-70V/300mA\*1

销往地区: 俄罗斯

品牌 (客户LOGO): SHIVAKI

机芯条码贴在正/反面: 同基础 02-SFV63A-C007000

电源部分是否要绝缘片: 同基础 02-SFV63A-C007000

机芯配置备注: 同基础 02-SFV63A-C007000

**测试内容说明:**

- 51 PIN FFC座是否使用标准化  
46-FFC15W-51SG: /
- 32 寸HD机芯是否兼容 30pin 0.5MM插座  
P/N: 46-FFC15W-30SG设计: /
- Mini AV Input/Output 转接线是否标准化  
P/N: 41-UK0150-0KK02: 是
- TCL 提供的物料名称与物编: 主 IC: 13-MN3463-00B4A
- 是否按YF-HW-004<<机芯接口设计标准>>设计: 同基础02-SFV63A-C007000  
\*测试内容备注: \_\_\_\_\_

测试人:

硬件工程师: 何传萃 软件工程师: \_\_\_\_\_ 电源工程师: 无

保密等级：机密

## SPECIFICATION

### 产品规格书

产品型号：**TP.MS3463S.PB782**

销售区域：欧洲

产品形态：TV+POWER+LED

产品类型：基本型|DVB

文档编码：17011860

**60V-72V/300mA X1路**

Approved by Shiyuan		
Checked by 审核	Rechecked by 复审	Approved by 批准
 数字签名者: lilinjie DN: cn=lilinjie, o=CVTE, ou=power, email=lilinjie@CVTE.C OM, c=CN-中国 日期: 2017.01.18 17:45:41 +08'00'	 2017.01.18 17:58:36 +08'00'	 2017.01.18 17:58:54 +08'00'

Please send the original back to us after you have approved and signed.

客户承认签章后敬请寄回正本一份。

Approved by customer		
Comments 确认意见	Approved by 批准签字	Company's seal 盖章
Customer's Name:		

## REVISION HISTORY

VERSION	DATE	BOARD ID	PAGE	DESCRIPTION	AUTHOR
V0	2017.01.18	TP.MS3463S.PB782 D16037	All	First issue.	Mio

# Content

1. STANDARD CONFIGURATION (标准配置) .....	1
2. FEATURES (特性说明) .....	1
2.1 TV SYSTEM (TV 制式) .....	2
2.2 MULTIMEDIA PLAYBACK FORMAT (USB 多媒体格式播放列表) .....	2
3. INTERFACE DEFINITION (接口定义) .....	4
4. ELECTRICAL CHARACTERISTICS (电气特性) .....	8
4.1 INPUT ELECTRICAL SPECIFICATIONS (输入特性) .....	9
4.2 Harmonic (谐波要求) .....	9
4.3 Output Electrical Specifications (输出特性) .....	9
4.4 Electrical characteristics of constant current driver (恒流驱动器电气特性) ...	10
4.5 Input rise time (输出上升时间) .....	10
4.6 Output boot delay (输出开机延时) .....	10
4.7 Output retention time (输出保持时间) .....	10
4.8 Output overshoot (输出超调) .....	10
4.9 Output dynamic response (输出动态响应) .....	10
4.10 Output Protection (输出保护) .....	11
5. FUSE PROTECTION (保险丝保护) .....	11
6. INTERNATIONAL STANDARDS (国际标准) .....	11
6.1 SAFETY (安规) .....	11
6.2 HI-POT AND INSULATION RESISTANCE (耐压性能和绝缘阻抗) .....	11
7. CONFIGURATION & GENERAL PRECAUTIONS (使用注意事项) .....	12
8. MOUNT PRECAUTIONS (组装注意事项) .....	13
9. MECHANICAL DIMENSION (结构尺寸图) .....	14

## 1. STANDARD CONFIGURATION (标准配置)

下表为我们主推的标准配置:

<b>标准配置</b>	欧洲, 不带 <b>DVB-S2</b> , 2路 <b>HDMI</b> , 不带 <b>MHL</b> , 1路 <b>USB</b> , 不带 <b>RJ45</b> , 同轴端子
<b>FUNCTIONS</b>	【PB782_E9】无 RJ-45,VGA,无 CVBS OUT,SCART,无 DVB-S/S2,COAX, HDMI#1,HDMI#2,(Mini)CVBS/AUDIO IN,(Mini)YPbPr,EARPHONE OUT,USB
<b>FRONT VIEW</b>	
<b>SIDE VIEW</b>	

## 2. FEATURES (特性说明)

<b>MAIN CHIPSET</b> 主芯片	MSD3463GSA-004A-TCL 海外-客供		
<b>OSD LANGUAGE</b> OSD 语言	Europe	English, French, German, Italian, Spanish, Portuguese (optional)	
<b>PANEL 面板</b>	Panel Type	TFT LCD	
	Panel Size	24-32 寸	
	Interface	Single/Dual LVDS	
	Max Resolution	1366*768	
<b>VIDEO INPUT</b> 视频输入	TV(Details in 3.1)	ATV(PAL, SECAM,NTSC)/DTV(DVB-T/C/T2)	
	PC-RGB	Format	Up to 1920×1080@60Hz
		Video System	PAL, SECAM,NTSC
	CVBS	Video level	1.0 Vp-p±10%
		Component	480i, 480p,576i,576p, 720p, 1080i, 1080p
	HDMI	480i, 480p,576i,576p, 720p, 1080i, 1080p	
		*CEC, *ARC(HDMI 1)	
		HDMI Version	1.4a
HDCP Version		1.4	
SCART	CVBS & RGB		
<b>AUDIO INPUT</b> 音频输入	PC Audio	Earphone Input	0.2 ~ 2.0 V <sub>RMS</sub>
	CVBS	L/R RCA input	0.2 - 2.0V <sub>RMS</sub>
	Component		
<b>AUDIO OUTPUT</b> 音频输出	Frequency response	100Hz-15KHz @±3dB(1KHz 0dB reference signal)	
	Output power	2×8W(8Ω) THD+N<10%@1KHz	

	(Audio Input: 0.5V <sub>RMS</sub> )
<b>POWER TO PANEL</b> 驱屏电压	12V
<b>USB FUNCTION</b> USB 功能	软件升级, 多媒体播放 software upgrade, multimedia play
<b>按键类型</b> Button Types	模拟按键 ADC Key
<b>客户特殊需求</b> Special Requirements	增加麦拉片 1 个+间隔柱 4 个 Add 1 Mylar+4 Space Supports
<b>Note:</b> Licenses involved in specifications above are supposed to be obtained by customers themselves. <b>注意:</b> 以上规格涉及 License 部分需要客户自己获取。	

## 2.1 TV SYSTEM (TV 制式)

<b>ATV</b> (PAL, SECAM,NTSC)	Reception range	48.25MHz ~ 863.25MHz		
	Input impedance	75Ω		
	Video System	PAL, SECAM,NTSC		
	Sound System	BG, DK, I, L/L,MN NICAM/A2		
	TELETEXT	1000Pages		
	Max Storage Channels	99CH		
<b>DTV</b> (DVB-T/C/T2)	Reception range	VHF (50MHz ~ 230MHz) UHF (474MHz ~ 862MHz)		
	Input impedance	75Ω		
	Channel Bandwidth	7MHz/8MHz		
	Modulation	DVB-T	COFDM 2K/8K QPSK,16QAM,64QAM	
		*DVB-T2	QPSK,16QAM,64QAM,256QAM	
		DVB-C	16QAM, 32QAM, 64QAM, 128QAM, 256QAM	
	Video System	MPEG-2 MP@ML, MPEG-2 MP@HL, H.265		
	Sound System	MPEG-1 layer 1/2, DD, DD+, AAC, HE-AAC		
	Basic Functions	EPG, Subtitle, LCN, TELETEXT (Europe), MHEG-5(UK)		
	Common Interface	Built-In		
Max Storage Channels	700CH(DVB-T+DVB-C)			
	3500CH(DVB-S/S2)			

## 2.2 MULTIMEDIA PLAYBACK FORMAT (USB 多媒体格式播放列表)

Media (媒体)	File Ext. (扩展名)	Codec (编解码器)		Remark (备注)
		Video (视频)	Audio (音频)	
MOVIE	.mpg	MPEG-1, MPEG-2	MP3, WMA*, AAC, AC3*,PCM	<b>Max Solution:</b> 1920×1080
	.avi	DivX*, Xvid, MJPEG		<b>Max Data Rate:</b> 40 Mbps
		MPEG-4 SP/ASP, H.263/H.264		<b>Max Solution:</b> 1920×1080
.ts	MPEG-2,	<b>Max Data Rate:</b> 20 Mbps		

		H.264, AVS*, AVS+*, HEVC		
	.mov .mkv	MPEG-4 SP/ASP, H.263/H.264, HEVC		
	.dat	MPEG-1		
	.mp4	MPEG-4 SP/ASP, H.263/H.264, HEVC		
		MPEG-1, MPEG-2		
	.vob	MPEG-2		<b>Max Solution:</b> 720×576 <b>Max Data Rate:</b> 40 Mbps
<b>MUSIC</b>	.rm*/.rmvb*	RV30/RV40	COOK, MP2	<b>Max Solution:</b> 1920×1080
	.mp3	--	MP3	<b>Sample Rate:</b> 8K~48KHz <b>Bit Rate:</b> 32K~320Kbps
	.wma*	--	WMA*	<b>Channel:</b> Mono/Stereo
	.m4a/.aac	--	AAC	<b>Sample Rate:</b> 16K~48KHz
				<b>Bit Rate:</b> 32K~442Kbps <b>Channel:</b> Mono/Stereo
<b>PHOTO</b>	.jpg/	Progressive JPEG		<b>Max Resolution:</b> 1024×768
	.jpeg	Baseline JPEG		<b>Max Resolution:</b> 15360×8640
	.bmp	BMP		<b>Max Resolution:</b> 9600×6400 <b>Pixel Depth:</b> 1/4/8/16/24/32 bpp
		.png	Non-Interlaced	<b>Max Resolution:</b> 9600×6400
	Interlaced		<b>Max Resolution:</b> 1280×800	
<b>SUBTITLE</b>	.srt	SubRip		
	.ssa/.ass	SubStation Alpha		
	.smi	SAMI		
	.sub	SubViewer MicroDVD DVDSubtitleSystem SubIdx(VobSub)	SubViewer 1.0 & 2.0 Only	
		.txt	TMPlayer	

**File system:** FAT32, FAT16, NTFS.

MSD3463GSA-Z1 don't support DivX, rm/.rmvb/.wma/AVS/AVS+/AC3.

MSD3463GSA-SW don't support DivX, rm/.rmvb/.wma/AVS/AVS+.

The different chip suffix will support different codec.

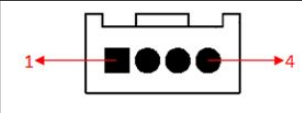
**Notes:** Licenses involved in specifications above are supposed to be obtained by customers themselves.

\*Need the specific chip and Hash Key to support.

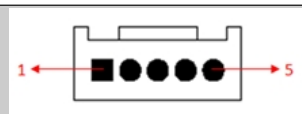
### 3. INTERFACE DEFINITION (接口定义)

The optional connectors and terminals are marked with “\*”,标 “\*” 的为可选。

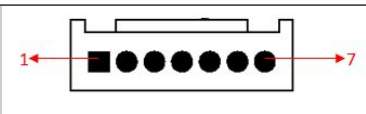
#### ◆ \*CN12(4PIN/2.0): KEY CONNECTOR

		
NO.	SYMBOL	DESCRIPTION
1	+3V3	+3V3 Power Supply
2	K0	KEY0
3	GND	Ground
4	+5V_M	+5V Power Supply

#### ◆ CN16(5PIN/2.0):LED&IR&KEY CONNECTOR

		
NO.	SYMBOL	DESCRIPTION
1	+3V3_IR	+3V3 Power Supply for IR
2	IR	IR Receiver
3	GND	Ground
4	RED	Red Indicator
5	+5V	+5V Power Supply

#### ◆ \*CN15(7PIN/2.0): LED&IR&KEY BOARD CONNECTOR

		
NO.	SYMBOL	DESCRIPTION
1	3.3V	+3.3V DC Power Supply for IR
2	IR	IR Receiver
3	GND	Ground
4	RED	Red Indicator
5	5V_M	+5V DC Power Supply
6	LOGO	LOGO
7	NC	No Connection




◆ **CN2(30PIN/1.0): FFC CONNECTOR(FFC 接口)**



NO.	SYMBOL	DESCRIPTION
1	GND	Ground
2	NC	No Connection
3	NC	
4	NC	
5	GND	Ground
6	RXE3P	LVDS EVEN 3+ Signal
7	RXE3N	LVDS EVEN 3- Signal
8	GND	Ground
9	RXECP	LVDS EVEN Clock+ Signal
10	RXECN	LVDS EVEN Clock- Signal
11	GND	Ground
12	RXE2P	LVDS EVEN 2+ Signal
13	RXE2N	LVDS EVEN 2- Signal
14	GND	Ground
15	RXE1P	LVDS EVEN 1+ Signal
16	RXE1N	LVDS EVEN 1- Signal
17	GND	Ground
18	RXE0P	LVDS EVEN 0+ Signal
19	RXE0N	LVDS EVEN 0- Signal
20	GND	Ground
21	NC	No Connection
22	NC	
23	GND	Ground
24	GND	
25	GND	
26	GND	
27	VCC_Panel	Power Supply for Panel
28	VCC_Panel	
29	VCC_Panel	
30	VCC_Panel	

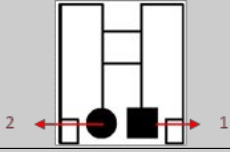
◆ \*CN1 (51PIN/0.5): FFC INTERFACE CONNECTOR (FFC 接口)



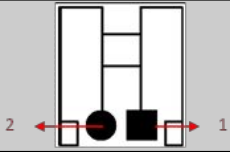
NO.	SYMBOL	DESCRIPTION
1	VCC_Panel	Power Supply for Panel
2	VCC_Panel	
3	VCC_Panel	
4	VCC_Panel	
5	NC	No Connection
6	GND	Ground
7	GND	
8	GND	
9	NC	No Connection
10	NC	
11	RXE4+	LVDS EVEN 4+ Signal
12	RXE4-	LVDS EVEN 4- Signal
13	RXE3+	LVDS EVEN 3+ Signal
14	RXE3-	LVDS EVEN 3- Signal
15	GND	Ground
16	RXEC+	LVDS EVEN Clock+ Signal
17	RXEC-	LVDS EVEN Clock- Signal
18	GND	Ground
19	RXE2+	LVDS EVEN 2+ Signal
20	RXE2-	LVDS EVEN 2- Signal
21	RXE1+	LVDS EVEN 1+ Signal
22	RXE1-	LVDS EVEN 1- Signal
23	RXE0+	LVDS EVEN 0+ Signal
24	RXE0-	LVDS EVEN 0- Signal
25	NC	No Connection
26	NC	
27	RXO4+	LVDS ODD 4+ Signal
28	RXO4-	LVDS ODD 4- Signal
29	RXO3+	LVDS ODD 3+ Signal
30	RXO3-	LVDS ODD 3- Signal
31	GND	Ground
32	RXOC+	LVDS ODD Clock+ Signal
33	RXOC-	LVDS ODD Clock- Signal
34	GND	Ground
35	RXE2+	LVDS ODD 2+ Signal

36	RXO2-	LVDS ODD 2- Signal
37	RXO1+	LVDS ODD 1+ Signal
38	RXO1-	LVDS ODD 1- Signal
39	RXE0+	LVDS ODD 0+ Signal
40	RXO0-	LVDS ODD 0- Signal
41	GND	Ground
42	NC	No Connection
43	NC	
44	NC	
45	LVDS_SEL	LVDS_SEL
46	NC	No Connection
47	NC	
48	NC	
49	M_SDA	Main I <sup>2</sup> C SDA
50	M_SCL	Main I <sup>2</sup> C SCL
51	NC	No Connection

◆ **CNA3(2PIN/2.54): SPEAKER CONNECTOR (喇叭输出接口)**

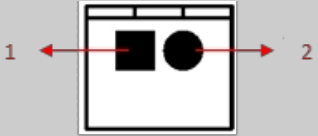
		
NO.	SYMBOL	DESCRIPTION
1	LOUT+	Audio Left Channel Output+
2	LOUT-	Audio Left Channel Output-

◆ **CNA4(2PIN/2.54): SPEAKER CONNECTOR (喇叭输出接口)**

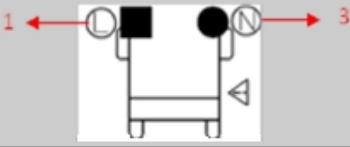
		
NO.	SYMBOL	DESCRIPTION
1	ROUT+	Audio Right Channel Output+
2	ROUT-	Audio Right Channel Output-

◆ **CNB2(2PIN/2.0):POWER SUPPLY FOR UPGRADE CONNECTOR**

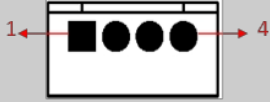
(升级用供电接口)

		
NO.	SYMBOL	DESCRIPTION
1	GND	Ground
2	12V	+12V DC Power Supply

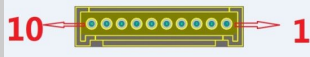
◆ **CNB1 (2PIN/7.92): AC INPUT CONNECTOR (交流输入接口)**

		
NO.	SYMBOL	DESCRIPTION
1	L	LIVE (火线)
3	N	NEUTRAL (零线)

◆ **\*CN5(4PIN/2.0): EXT-USB CONNECTOR(外挂 USB 接口)**

		
NO.	SYMBOL	DESCRIPTION
1	GND	Ground
2	DP	USB Data+
3	DM	USB Data-
4	5V	+5V DC Power Supply for USB

◆ **\*CNB801(10PIN/2.0): LED Driver Power Output Connector(LED 背光供电控制接口)**

				
NO.		SYMBOL	DESCRIPTION	NOTE
CNB801	/	/	/	在 CNB801 的位置上插 10PIN2.0 插座； 恒流参考规格： 60V-72V/300mA X 1 路
	3,8	NC	NC	
	1,2,9,10	LED+	LED+ Output	
	4,5,6,7	LED-	LED- Output	

## 4. ELECTRICAL CHARACTERISTICS (电气特性)

### 4.1 INPUT ELECTRICAL SPECIFICATIONS (输入特性)

Input	Minimum	Nominal	Rating	Maximum	Unit
Voltage	90	115/230	100~240	264	Vac
Current	---	---	---	1.5	A
Frequency	47	60/50	---	63	Hz
Efficiency	≥80%min(Full load with input AC voltage of 115Vac @ 60Hz and 230Vac @ 50Hz)				
Standby Power Consumption	≤0.5W At 240Vac input and no load condition				
Leakage Current	Less Than 0.35mA, 240Vac input				
Input Fuse	T3.15AH/250Vac				

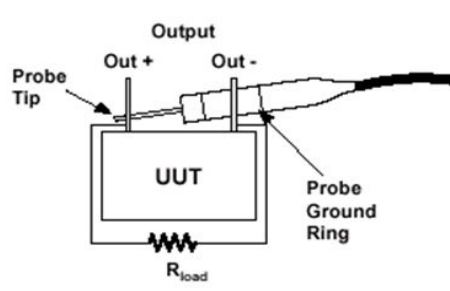
### 4.2 Harmonic (谐波要求)

在额定输入及满载情况下，输入电流的谐波要求必须符合 EN-61000-3-2 规范。

### 4.3 Output Electrical Specifications (输出特性)

dual Name	Voltage (Volts)			Current (A)			Ripple & Noise @25℃ (mV)
	Max	Nom	Min	Max	Nom	Min	
+12V	12.6	12.0	11.4	2.0	1.5	0.01	300

1. 纹波和噪声测量应在所有规定的负载条件下（不能在动态模式下），示波器带宽限制为 20MHz 进行测量。
2. 输出端并联一个 0.1uF 的陶瓷电容和一个 10uF 的电解电容。
3. 当输出噪声测试时，测试探头必须避免其他线路、设备的干扰。测量方法可参考下图。



4. 12V 输出端并接 2200uF 的电容或搭配机芯，不会发生误保护。

#### 4.4 Electrical characteristics of constant current driver (恒流驱动器电气特性)

Parameter	Symbol	Min.	Typ	Max.	Note
<b>Dimming Characteristic</b>					
Dimming type	Analog/Digital dimming				
Dimming Voltage Input	Vadj	0.0V	--	3.3V	3.3V Maximum Brightness
Dimming PWM Input	Duty	--	25%	70%	100% Maximum Duty Maximum Brightness
	Frequency		150 HZ	200HZ	400 HZ
<b>Backlight Output Characteristic</b>					
LED Open Protection	Shut down				
LED Short Protection	Auto restart				

#### 4.5 Input rise time (输出上升时间)

Signal Name	Rise time (ms)
+12V	≤50

**注意:** 上升时间为输出满载情况下, 输出电压从 10% 上升到 90% 的时间。

#### 4.6 Output boot delay (输出开机延时)

输入 230Vac, 输出满载情况下, 从交流输入到输出额定电压建立的时间不超过 3s。

#### 4.7 Output retention time (输出保持时间)

在输入电压 230Vac 满载时测试, 保持时间不少于 10ms (一个周期掉落)。

#### 4.8 Output overshoot (输出超调)

无论有无负载, 开机时的输出超调不能超过正常电压值的 10%。

#### 4.9 Output dynamic response (输出动态响应)

输出动态负载调整率不会超过总输出的 10%。输出变化在总负载的 25%-50%, 或 50%-75% 之间, 输出电流的变化斜率 0.5A/μS, 动态频率范围: 50HZ-10KHZ。

#### 4.10 Output Protection (输出保护)

Output Voltage	Short Circuit Protection	Over Current Protection		Over Voltage Protection	
	Specification	Over Current	Specification	Over Voltage	Specification
+12V	Auto recovery or Latch	3.0-7.0A	Auto recovery or Latch	>16	Auto recovery or Latch
<b>Note:</b> 1. 输出短路不会造成损坏。 2. 在做输出过流或过压保护时，其所有输出均为额定负载条件下。					

#### 5. FUSE PROTECTION (保险丝保护)

To protect the power module, the Fuse will be disconnected to cut off the power supply when the AC input current exceeds the rated current of fuse.

当输入交流电流超过保险丝的额定工作电流时，电源保险丝将断开，关闭电源供应以保护电源模块。

#### 6. INTERNATIONAL STANDARDS (国际标准)

##### 6.1 SAFETY (安规)

**Conforming:**

UL60950/UL60065;  
 EN60950-1/EN60065;  
 GB4943-2011/ GB8898-2011;  
 IEC 60950/IEC 60065.

##### 6.2 HI-POT AND INSULATION RESISTANCE (耐压性能和绝缘阻抗)

**HI-POT (耐压性能)**

Primary to secondary (一次侧对二次侧): 3000VAC, 10mA for 60s.

**Insulation resistance (绝缘阻抗)**

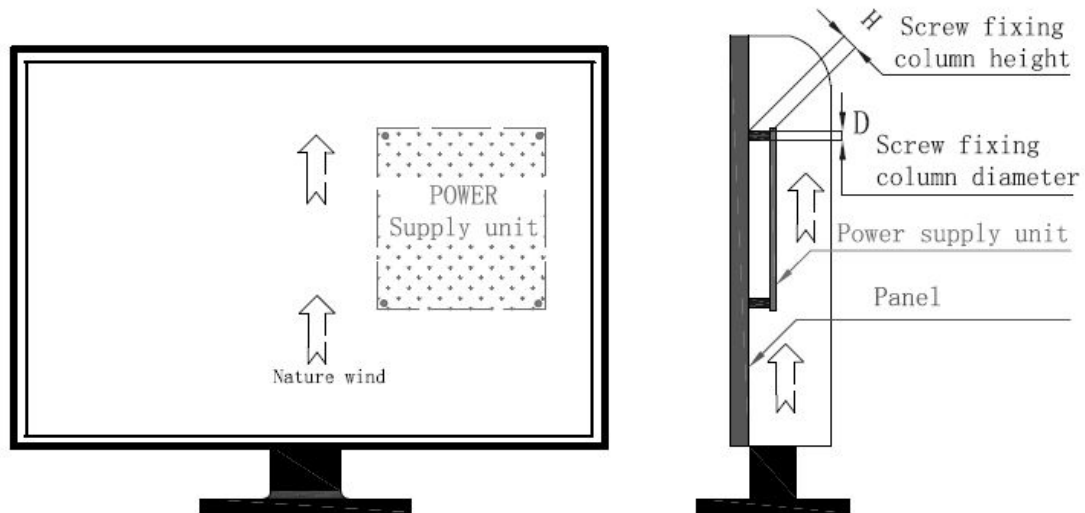
between primary and secondary (一次侧与二次侧之间): 500VDC/60s,  $\geq 50M\Omega$ .

## 7. CONFIGURATION & GENERAL PRECAUTIONS (使用注意事项)

- Relative humidity: ≤ 80%.
- 相对湿度: ≤ 80%。
- Storage temperature: -10~60°C.
- 存储温度: -10~60°C。
- Operation temperature: 0~40°C.
- 使用温度: 0~40°C。
- Protect the board from static electricity in case of damage to the IC.
- 请使板卡远离静电。
- Keep the board away from conductor when it is working.
- 请确保板卡工作时远离导体。
- Don't push or pull the connectors when the board is working.
- 板卡工作时请勿按压和扭曲。
- Don't press, distort or disassemble the board.
- 请勿拆解板卡。
- Clean the board with soft dry cloth when it's dirty.
- 如果板卡脏了, 请用干布擦拭。
- Don't power on before panel is correctly connected.
- 正确接好驱屏线前请勿接通电源。
- Speaker line must be twisted.
- 喇叭线必须使用双绞方式。



## 8. MOUNT PRECAUTIONS (组装注意事项)



**Note1:** The height of H should be more than or equal to 8mm, otherwise you must add the mylar under PCB bottom.

H 的高度必须大于等于 8mm,如果小于 8mm,则必须在 PCB 底层加麦拉片绝缘。

**Note2:** The diameter of D should be less than 8mm. Use M3 screw to mount the power supply unit on the screw fixing column. The maximum torque force is 0.4N-M.

D 的直径须小于 8mm, 将电源锁在螺丝柱上需使用 M3 的螺丝。最大扭矩为 0.4N-M。

**Note3:** The Power supply unit is designed without the case. Pay attention to ESD protection at any time.

因为本产品为无外壳之设计, 故在任何时候均应注意静电防护。

**Note4:** Speaker line must be twisted.

喇叭线必须使用双绞方式。

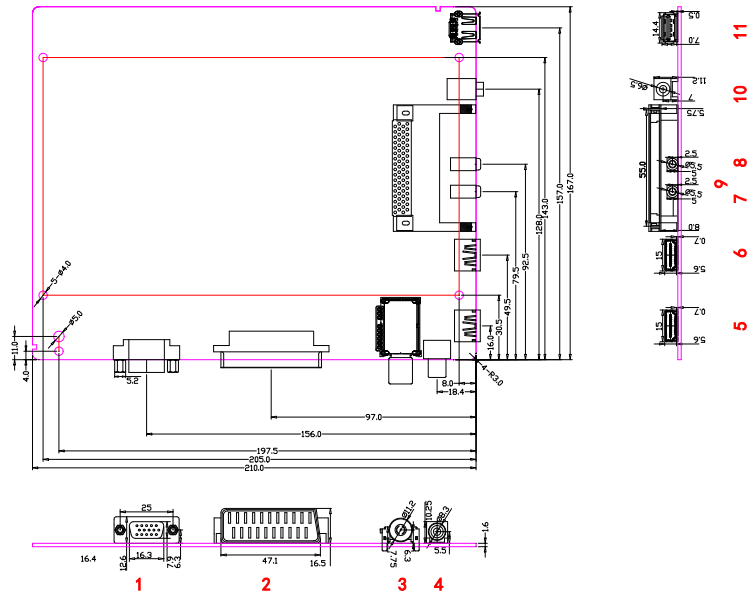
**Note5:** Speaker line cannot be parallel to the AC line, if they are parallel to each other, the distance should not be less than 8cm.

喇叭线和整机 AC 线不可以平行走线, 如果平行走线, 距离不可小于 8cm。

### 9. MECHANICAL DIMENSION (结构尺寸图)

配置【PB782_E9】	
Ver.	A2
NO.	Description
1	VGA IN
2	SCART
3	RF IN(T/T2)
4	COAX OUT
5	HDMI1 IN
6	HDMI2 IN
7	AV OR AUDIO IN(Mini)
8	YPbPr IN(Mini)
9	CI SLOT
10	EARPHONE OUT
11	USB IN

PCB Tolerance		Connector Tolerance
PCB size	±0.15mm	(Unless Otherwise Stated)
PCB thickness	≤1.0mm ±0.1mm >1.0mm ±10%	±0.3mm



**NOTE:**  
顶层器件最高16mm、底层最高4mm

**TABLE: list of critical components and materials**

Object/part No.	Manufacturer/ trademark	Type/ model	Value / rating	Standard	Mark(s) of conformity <sup>1)</sup>
PCB	Lo a C am o A a Ele o Te olo Co L d.	D	V 0 130°C	UL 796 GB8898 2011 GB 4943.1 2011	UL:E254215 C C15001125105
Al e a e	Do a R ome Ele o Te olo Co L d	RM 01	V 0 130oC	UL 796 GB8898 2011 GB4943.1 2011	UL: E214887 C C16001140672
Al e a e	Mll o So e Co. L d. HK	MS 1	V 0 130oC	UL 796 GB8898 2011	UL:E198407 C C10001049812
Al e a e	E PRESS ELECTRONICS LTD	10V0	V 0 130 oC	UL 796 GB8898 2011	UL:E157925 C C13001099135
Al e a e	AOSHIKANG PRECISION CIRCUIT HUI HOU CO LTD	UL:A 2 K 2 S 2	V 0 130 oC	UL 796 GB8898 2011	UL:E239218 C C08001022540
Al e a e	IANGMEN BENLIDA PRINTED CIRCUIT CO. LTD	BLD B	V 0 130 oC	UL 796 GB/T 4588.2 1996 GB/T 5169.16 2008 GB/T 5169.21 2006 GB/T 4207 2003	UL:E203640 C C12134083484
Al e a e	T e Ele o S e e Co. L d.	CL 1	V 0 130°C	UL 796 GB/T 4588.2 1996 GB/T 5169.16 2008 GB/T 5169.21 2006 GB/T 4207 2003	UL: E241819 C C12134083574
Al e a e	TOPSEARCH PRINTED CIRCUITS HK LTD	TS D 8V03C SG TS D 7V04 SG	V 0 130°C	UL 796 GB8898 2011 GB 4943.1 2011	UL:E96016 C C15001132522
Al e a e	Va o	Va o	V 0 130°C	UL 796 GB8898 2011	UL a d C C
MOS ( B101)			M 4.5A M 600V		Te ed a la e

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Object/part No.	Manufacturer/ trademark	Type/ model	Value / rating	Standard	Mark(s) of conformity <sup>1)</sup>
Dode DB1 DB2 DB3 DB4			M 1A M 800V		Te ed a la e
CAP EB1			100 M 400V		Te ed a la e
M la	S e e Bo l d al Co. L d.	BN P	V 0 130°C	UL 94	UL: E256822
Ale ae	Sa a a L L C	R700	V 0 130°C	UL 94	UL: E207780
Ale ae	S o Oma O al Ma e al Co. L d.	SE42B	V 0 80°C	UL 94	UL: E249605
Ale ae	S e e ee e olo Co. L d.	TS R1370	V 0 130°C	UL 94	UL: E329660
D a ed e a e RB1 RB2 RB3 RB4	TA I Te olo S o Co. L d	SMD1206	1.2Mo m 1/4W	IEC 60065	Te ed a la e
AC o e o CNB1	e a e a Ele o Co. L d.	VH 3AW VDE VH 03AW UL	250V 7A 85 °C	UL 1977 EN61984:2009 11 EN61984:2009	UL:E314369 VDE:40025278
Ale ae	SU HOU IN A ELECTRONIC COMMUNICATION CO LTD TUV IN A ELECTRONIC CO LTD UL	W7913 02 RVA S02 T UV W7913 UL	250V 7A 65 °C	UL 1977 EN61984:2009 IEC61984:2008	UL:E216870 TUV NORD: 4478016406748 0 10
Ale ae	HE IANG AMA HIEN TECHNOLOG CO LTD	VH 3AW VH 3A	250V 7A 85 °C	UL 1977 EN61984:2009 11 EN61984:2009	UL:E231546 VDE:40044095
e B1	S e e La o Ele o Co. L d.	5N	T3.15AH 250VAC	UL 248 1 UL 248 14 EN60127 1 EN60127 2 GB9364.1 1997 GB9364.2 1997	UL:E221465 VDE: 40019482 200401020713572 0

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Object/part No.	Manufacturer/ trademark	Type/ model	Value / rating	Standard	Mark(s) of conformity <sup>1)</sup>
Al e a e	Wal e Ele o Co. L d.	TSC	T3.15AH 250VAC	UL 248 1 UL 248 14 EN60127 1 EN60127 2 GB9364.1 1997 GB9364.2 1997	UL:E56092 VDE: 40016670 200201020702304 3
Al e a e	Ele o S e e Co .L d.	5H	T3.15AH 250VAC	UL 248 1 UL 248 14 EN60127 1 EN60127 2 GB9364.1 1997 GB9364.2 1997	UL: E249609 VDE: 40037020 201201020756575 2
T e m o NTCB1	T Ele o l d al Co. L d.	SCK 2R55A	5A 2.5 Ω	UL 1434 EN 60539 1 EN 60730 1 GB/T6663.1 2007	UL:E138827 TUV R e la d: R 50050155 C C05001011993
Al e a e	EPCOS OHG	B57235S VDE) S235/2.5/ UL)	5.2A 2.5 Ω	UL 1434 EN60539 1:2008 GB/T6663.1 2007	UL: E69802 VDE:40038223 C C09001040539
Al e a e	Na S e Ele o Co. L d.	M 72 2.5D1 1	5A 2.5 Ω	UL 1434 EN60539 1:2008 GB/T6663.1 2007	UL:E241319 TUV R e la d: R 50245892 C C04001010556
Al e a e	o Co. L d.	NR10S2R5 M NR13S2 R5M TUV 10S2R5M 1 3S2R5M UL)	5A 2.5 Ω	UL 1434 EN60539 1:2008 GB/T6663.1 2007	UL:E171531 TUV R e la d: R 50236285 C C10001050816
O o o le PCB101	L e O Te olo Co	LTV 817 VD E LTV 817 LT V 817S UL	D ≥0.4mm E ≥8.0mm	UL 1577 EN 60747 5 5 GB8898 2011	UL:E113898 VDE: 40015248 C C10001054420
Al e a e	E e l Ele o Co. L d.	EL817	D ≥0.4mm E ≥8.0mm	UL 1577 EN 60747 5 5 GB8898 2011	UL:E214129 VDE:132249 C C08001022757

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Object/part No.	Manufacturer/ trademark	Type/ model	Value / rating	Standard	Mark(s) of conformity <sup>1)</sup>
Al e a e	COSMO Ele o Co o a o VDE Co mo Ele o Co UL	K1010 1010 UL K1010	D ≥0.4mm E ≥8.0mm	EN60747 5 5 UL1577 GB4943.1 2011 GB8898 2011	VDE:101347 UL:E169586 C C10001049555
Ca a o C B1	Ca l Ele o Co. L d.	MP	0.47 275Va 40/100/56 B	UL 60384 14 EN60384 14 IEC60384 14:200 5	UL:E120045 VDE: 40008520 C C12001069506
Al e a e	S e e e ao Ca a o Co. L d.	CBB62B	0.47 280Va 40/110/56 B	UL 60384 14 EN60384 14 GB/T14472 1998	UL: E252286 VDE: 40018690 C C06001018427
Al e a e	E o o Ta a l d al Co	MP 2	0.47 305Va 40/110/56 B	UL 60384 14 EN 60384 14 GB/T14472 1998	UL:E211347 VDE:40025981 C C09001029511
Al e a e	S e e e e Ele o Co. L d.	CBB62	0.47 275Va 40/100/21C	UL 60384 14 EN60384 14 GB/T 14472 1998	UL:E345591 VDE:40031777 C C12001067220
Al e a e	G a do e m Ele o Te Co. L d.	MKP 2	0.47 275Va 40/105/21C	UL 60384 14 EN60384 14 GB/T 14472 1998	UL: E345487 VDE:40025702 C C04001010677
Al e a e	Ha S Ho Ele o Co. L d.	CMPP	0.47 310Va 40/105/56B	UL 60384 14 EN60384 14 GB/T14472 1998	UL:E327138 VDE:40026078 C C13001095638
Al e a e	S o om o e o. l d.	MP	0.47 310Va o 275Va 40/110/56B	UL 60384 14 IEC/EN 60384 14 GB/T14472 1998	UL:E230903 VDE:40005451 C C13001098515 C C14001117012
Ca a o C B2	TDK Co o a o	CD	470 250Va 25/125/21 B	UL 60384 14 EN60384 14 GB/T14472 1998	UL: E37861 VDE: 40029780 C C03001004816
Al e a e	TDK Co o a o	CD	470 400Va 55/125/21 B	UL 60384 14 IEC60384 14:200 5	UL: E37861 VDE: 40017931 C C10001052863
Al e a e	a Do ' Ele o Com o e Co. L d.	CT81	470 250Va 25/125/21 C	UL 60384 14 EN60384 14 GB/T14472 1998	UL: E145038 VDE:135256 C C02001002287
Al e a e	Wal Te olo Co	AH	470 400Va 40/125/21C	UL 60384 14 EN60384 14 IEC60384 14:200 5	UL:E146544 VDE: 40001804 C C03001003673

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Object/part No.	Manufacturer/ trademark	Type/ model	Value / rating	Standard	Mark(s) of conformity <sup>1)</sup>
Al e a e	G a d o S o H o m E l e o S e e T e o l o C o . L d.		470 250Va 40/125/21C	UL60384 14 EN60384 14 IEC60384 14:200 5	UL: E154899 VDE:40036393 C C03001003160
Al e a e	TDK IAMEN CO LTD TDK TAIWAN CORP ENEC 认证 TDK Co o a o (UL)	CD e e (ENEC) CD UL	470 400Va 55/125/21/B	UL 60384 14 IEC60384 14 IEC60384 14:201 3	ENEC:ENEC 0104 8 A1 UL:E37861 C C14001112447
Ca a o C B3	TDK Co o a o	CD	1000 250Va 25/125/21 B	UL 60384 14 EN60384 14 GB/T14472 1998	UL: E37861 VDE: 40029780 C C03001004816
Al e a e	TDK Co o a o	CD	1000 400Va 55/125/21 B	UL 60384 14 IEC60384 14:200 5	UL: E37861 VDE: 40017931 C C10001052863
Al e a e	a D o ' E l e o C o m o e C o . L d.	CT81	1000 250Va 25/125/21 C	UL 60384 14 EN60384 14 GB/T14472 1998	UL: E145038 VDE:135256 C C02001002287
Al e a e	Wal T e o l o C o	AH	1000 400Va 40/125/21C	UL 60384 14 EN60384 14 IEC60384 14:200 5	UL:E146544 VDE: 40001804 C C03001003673
Al e a e	G a d o S o H o m E l e o S e e T e o l o C o . L d.		1000 250Va 40/125/21C	UL60384 14 EN60384 14 IEC60384 14:200 5	UL: E154899 VDE:40036393 C C03001003160
Al e a e	TDK IAMEN CO LTD TDK TAIWAN CORP ENEC 认证 TDK Co o a o (UL)	CD e e (ENEC) CD UL	1000 400Va 55/125/21/B	UL 60384 14 IEC60384 14 IEC60384 14:201 3	ENEC:ENEC 0104 8 A1 UL:E37861 C C14001112447
L e l e LCB1	G a o S a E l e o C o . L d.	S T10 L002	N1 1 4 :0.45mm 1P 18.5T N2 2 3 :0.45mm 1P 18.5T	IEC 60065	Te ed a l a e
W e	Pa Ele W e Ca le S e e C o . L d.	UEW/U	130 °C	UL 1446	UL: E201757

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Object/part No.	Manufacturer/ trademark	Type/ model	Value / rating	Standard	Mark(s) of conformity <sup>1)</sup>
W e	S a o S e a Ele al l d al Co. L d.	2UEW/130	130 °C	UL 1446	UL: E239508
W e	S e e C e e l d Co. L d.	UEW B	130 °C	UL 1446	UL:E227475
M l l a e l l a e d W d	a a Ele Co. L d.	TE E	130 °C	UL2353	UL: E206440 VDE:006735
M l l a e l l a e d W d	G ea Leo lo l d al Co. L d.	TRW B	130 °C	UL 2353	UL:E211989 VDE:136581
M l l a e l l a e d W d	S a a C a e Ele o Te olo Co. L d.	GP B	130 °C	UL 2353	UL:E243712 TUVR e l a d: 50071757
T e	CHANG UAN ELECTRONICS GROUP CO LTD	CB H T	125 °C	UL 224	UL:E180908
T e	S e e Woe Hea S a le Ma e l al Co. L d.	RSFR-H	125 °C	UL 224	UL:E203950
Ba	C a Pla Co. L d.	T375	150°C V 0	UL 94 UL746	UL:E59481
Va	Ha C e Pe o em al L d.	8562	155 °C	UL 1446	UL: E200154
L e l e LCB3	G a o S a Ele o Co. L d.	S UC15 L1 0.5mA	L1 4 1 :0.13mm 1 P, 48T L2 3 2 :0.13mm 1 P, 48T	IEC 60065	Te ed a l a e
Ba e	C a Pla Co. L d.	T375H	150 °C V 0	UL 94 UL746	UL:E59481
Ba e	S m o m o Ba e l e Co. L d.	PM 9820	150 °C V 0	UL 94 UL746	UL:E41429
W e	SHANDONG PENGTAI STOCK CO LTD	UEW /155 AB /155	155 °C	UL 1446	UL:E166187
W e	TATUNG CO	UEW	130 °C	UL 1446	UL:E106004

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Object/part No.	Manufacturer/ trademark	Type/ model	Value / rating	Standard	Mark(s) of conformity <sup>1)</sup>
T a o me TB101	G a o S a Ele o Co. L d.	S E 3214 T012032A	P ma : N1 4 5 :0.35mm 2P 14T N2 2 :0.025mm 5mm 1.1T N5 1 2 :0.25mm 2P 5T N6 5 6 :0.35mm 2P 16T Se o da : N3 11 9 : 0.45mm 2P 7T N4 10 7 :0.5mm 3P 4T	IEC 60065	Te ed a la e
Bo	C a Pla Co. L d.	T375	150°C V 0	UL 94 UL746	UL:E59481
W e	S e e C e e I d Co. L d.	UEW B	130°C	UL 1446	UL:E227475
M l la e l la ed W d	G ea Leo lo I d al Co. L d.	TRW B	130°C	UL 2353	UL:E211989 VDE:136581
M l la e l la ed W d	S e e Da S e e A d Te olo Co. L d.	DRTIW B	130 °C	UL 2353	UL:E335841 VDE:40032470
l la Ta e	S e da e Ele Mae al Co. L d.	SD 312	130 °C	UL 510	UL:E317896
T e	CHANG UAN ELECTRONICS GROUP CO LTD	CB TT T	200°C	UL 224	UL:E180908
T e	S e e Woe Hea S a le Mae al Co. L d.	W	200 °C	UL 224	UL:E203950
Va	Ha C e Pe o em al L d.	8562	155°C	UL 1446	UL: E200154
Va	S e e da S e Te P od Co. L d.	SD 1182	130°C	UL 1446	UL: E327170

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产品编码: 002.002.0058129

版本号: 1

产品规格: TP.MS3463S.PB782D<1346044.0151.0044> 电源输出12V和32V, 恒流: 60V-70V/300mA X 1路

打印日期: 2017-01-18 15:21

保密等级: 机密

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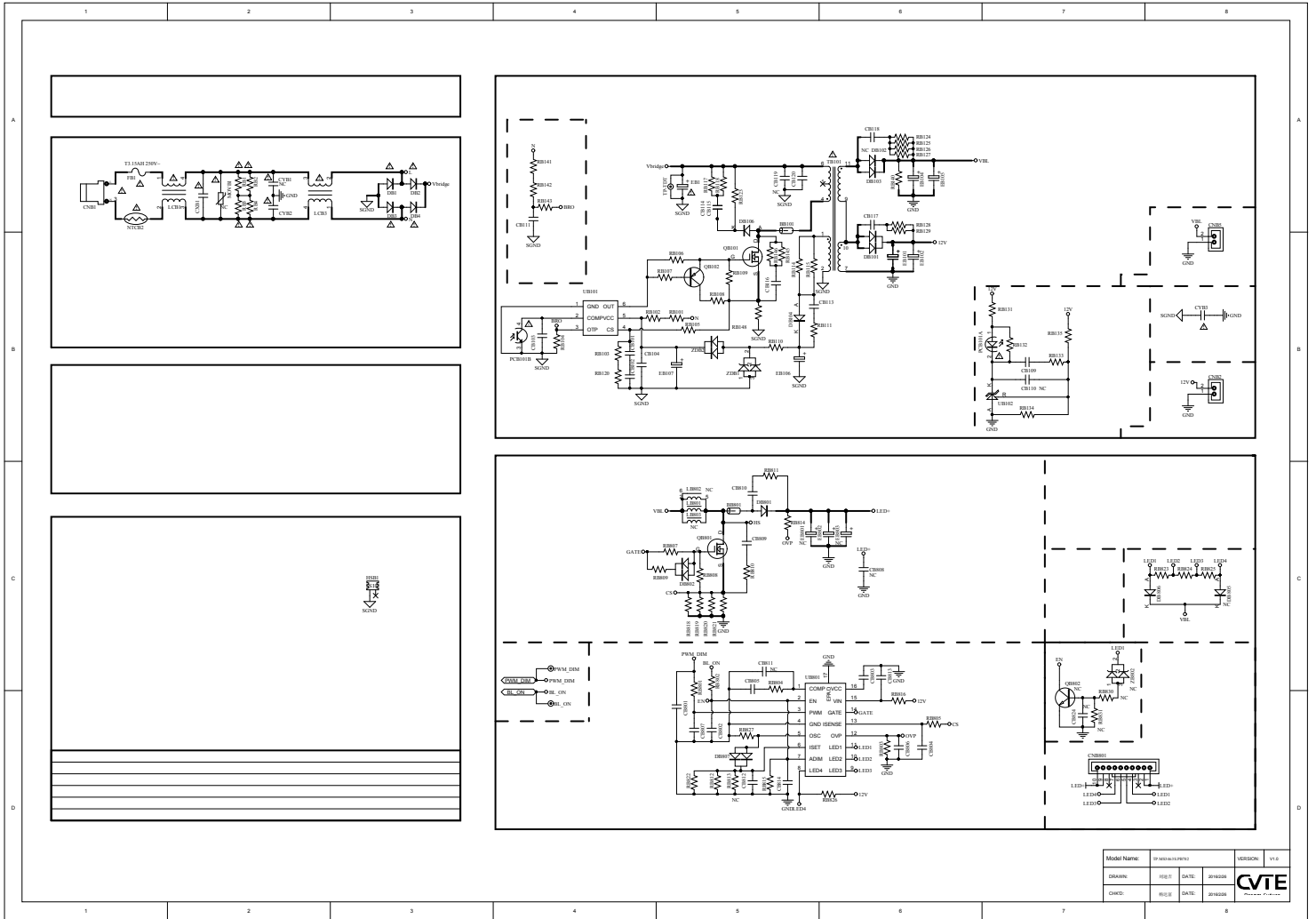
总计数/主料数/替代料数: 160/160/0

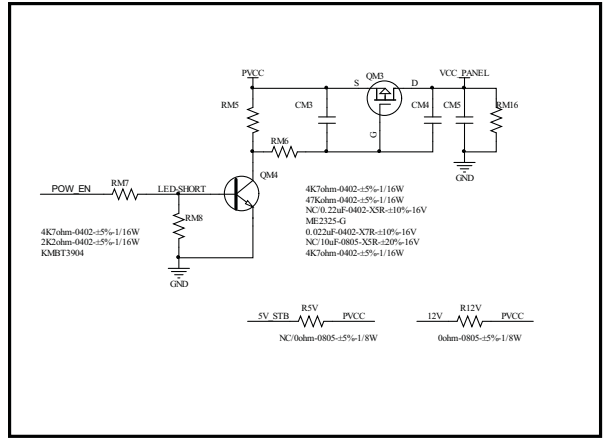
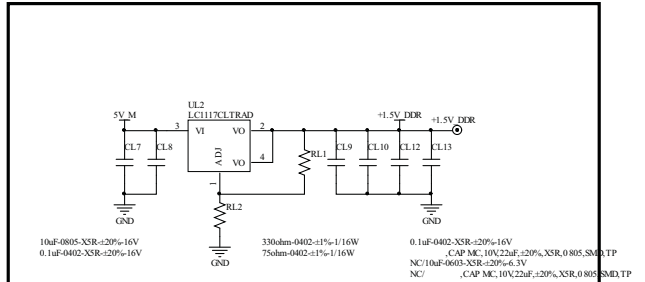
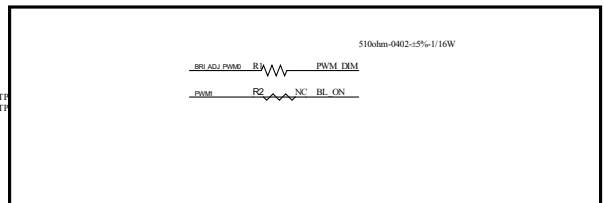
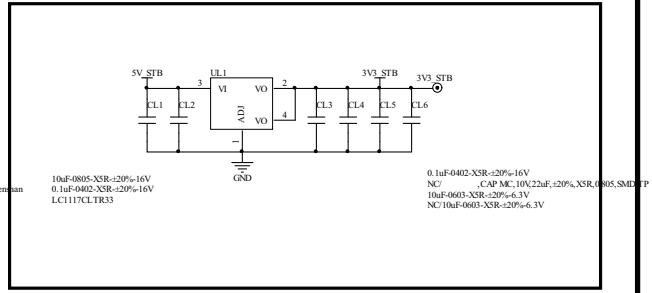
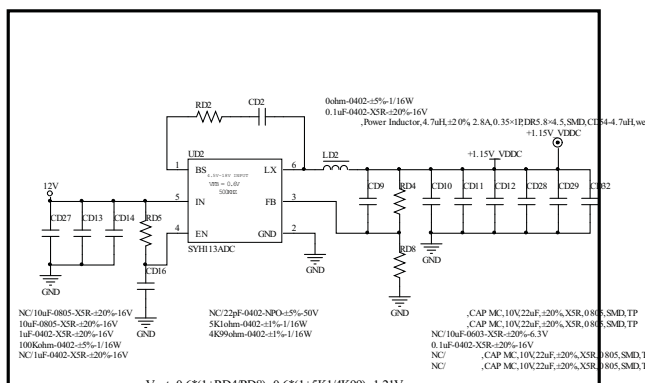
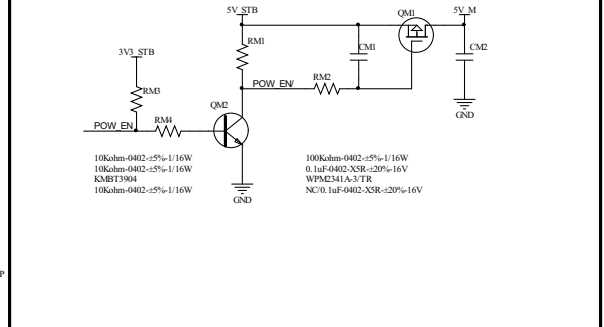
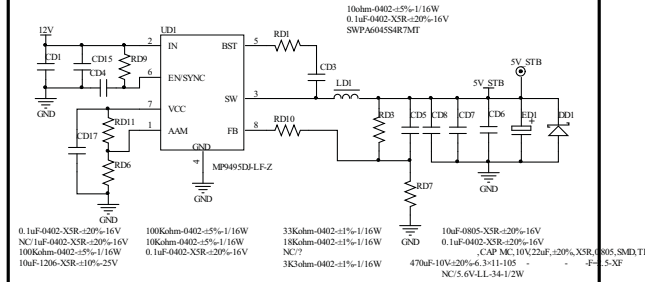
查找编号	物料编号	物料名称	规格型号	数量	单位	位号	等级	第一供应商	第二供应商	第三供应商
1	004.002.0000568	厚膜电阻	RES,1/16W,100ohm,±5%,0402,SMD	12	PCS	CH19,RA1,RA2,RS16,RS19,RS33,RT16,RT17,RV7,RV9,RV12,RV14	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
2	004.002.0000689	厚膜电阻	RES,1/16W,4.7Kohm,±5%,0402,SMD	15	PCS	CK10,R8,R9,R12,R14,RA5,RA8,RK3,RM5,RM7,RM16,RT1,RT3,RV2,RV3	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
3	004.002.0000558	厚膜电阻	RES,1/16W,0ohm,±5%,0402,SMD	17	PCS	L6,R13,R15,RA14,RA16,RD2,RH35,RH36,RK13,RS6,RT8,RT14,RT15,RU2,RU3,RU4,RU5	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
4	004.002.0000701	厚膜电阻	RES,1/16W,510ohm,±5%,0402,SMD	3	PCS	R1,RK7,RB107	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
5	004.002.0000584	厚膜电阻	RES,1/16W,120ohm,±1%,0402,SMD	1	PCS	R3	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
6	004.002.0000556	厚膜电阻	RES,1/8W,0ohm,±5%,0805,SMD	4	PCS	R12V,RB823,RB824,RB825	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
7	004.002.0000572	厚膜电阻	RES,1/16W,1Kohm,±5%,0402,SMD	16	PCS	R16,R17,RA6,RA9,RA10,RA13,RA17,RF2,RH8,RK4,RK6,RT9,RT11,RB105,RB801,RB805	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
8	004.002.0000577	厚膜电阻	RES,1/16W,10Kohm,±5%,0402,SMD	24	PCS	R18,R19,RA15,RD6,RH11,RH12,RH13,RH14,RH19,RH20,R13,R15,RM1,RM3,RM4,RS13,RS20,RS34,RT6,RV13,RV16,RB109,RB802,RB80	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
9	004.002.0000624	厚膜电阻	RES,1/16W,200Kohm,±5%,0402,SMD	2	PCS	RA3,RA4	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
10	004.002.0000579	厚膜电阻	RES,1/16W,100Kohm,±5%,0402,SMD	6	PCS	RA7,RD5,RD9,RD11,RF3,RM2	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
11	004.002.0000589	厚膜电阻	RES,1/16W,12Kohm,±5%,0402,SMD	5	PCS	RA11,RI14,RI16,RS14,RS23	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
12	004.002.0000563	厚膜电阻	RES,1/16W,10ohm,±5%,0402,SMD	3	PCS	RA18,RD1,RI17	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
13	004.002.0000612	厚膜电阻	RES,1/16W,18Kohm,±1%,0402,SMD	2	PCS	RD3,RB135	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
14	004.002.0000703	厚膜电阻	RES,1/16W,5.1Kohm,±1%,0402,SMD	1	PCS	RD4	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
15	004.002.0000661	厚膜电阻	RES,1/16W,3.3Kohm,±1%,0402,SMD	1	PCS	RD7	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
16	004.002.0000462	厚膜电阻	RES,1/16W,4.99Kohm,±1%,0402,SMD	1	PCS	RD8	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
17	004.002.0000104	厚膜电阻	RES,1/16W,33Kohm,±1%,0402,SMD	2	PCS	RD10,RH34	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
18	004.002.0000715	厚膜电阻	RES,1/16W,5.1ohm,±5%,0402,SMD	4	PCS	RH9,RH10,RH21,RH22	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
19	004.002.0000658	厚膜电阻	RES,1/16W,33ohm,±5%,0402,SMD	14	PCS	RH15,RH16,RH18,RH23,RH24,RI20,RI21,RI22,RI24,RI26,RI27,RV4,RV6,RV10	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
20	004.002.0000609	厚膜电阻	RES,1/16W,180ohm,±5%,0402,SMD	3	PCS	RH25,RI10,RI45	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
21	004.002.0000632	厚膜电阻	RES,1/16W,22Kohm,±5%,0402,SMD	1	PCS	RH33	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
22	004.002.0000721	厚膜电阻	RES,1/16W,68ohm,±5%,0402,SMD	3	PCS	RI2,R16,RV1	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
23	004.002.0000626	厚膜电阻	RES,1/16W,22ohm,±5%,0402,SMD	1	PCS	RK1	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
24	004.002.0000578	厚膜电阻	RES,1/16W,100Kohm,±1%,0402,SMD	2	PCS	RK5,RB812	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
25	004.002.0000659	厚膜电阻	RES,1/16W,330ohm,±1%,0402,SMD	1	PCS	RL1	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
26	004.002.0000727	厚膜电阻	RES,1/16W,75ohm,±1%,0402,SMD	1	PCS	RL2	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
27	004.002.0000691	厚膜电阻	RES,1/16W,47Kohm,±5%,0402,SMD	2	PCS	RM6,RB104	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
28	004.002.0000630	厚膜电阻	RES,1/16W,2.2Kohm,±5%,0402,SMD	1	PCS	RM8	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
29	004.002.0000523	排阻	RES ARRAY,1/16W,4x5,1ohm,±5%,0402,SMD	3	PCS	RP3,RP4,RP5	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
30	004.002.0000596	厚膜电阻	RES,1/16W,150ohm,±1%,0402,SMD	2	PCS	RI11,RS4	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
31	004.002.0000728	厚膜电阻	RES,1/16W,75ohm,±5%,0402,SMD	13	PCS	RI12,RI19,RI28,RI30,RS5,RS7,RS9,RS17,RS24,RS35,RV5,RV8,RV11	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
32	004.002.0000641	厚膜电阻	RES,1/16W,2.7Kohm,±1%,0402,SMD	1	PCS	RS37	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
33	004.003.0000403	陶瓷电容	CAP MC,16V,0.1uF,±20%,X5R,0402,SMD,TP	37	PCS	C2,C7,C17,C18,C19,C20,C22,C23,C24,C25,C26,C30,CA18,CD1,CD2,CD3,CD7,CD17,CD28,CF4,C16,C18,CK3,CL2,CL3,CL8,CL9,CM1,CS6,CS12,CS16,CT11,CT25,CT27,CT29,CT32	B (允许共用)	Samsung	Eyang	TDK
34	004.003.0000402	陶瓷电容	CAP MC,16V,1uF,±20%,X5R,0402,SMD,TP	23	PCS	C3,CA,C5,C6,C8,C11,C12,C13,C15,C21,CA8,CA12,CA16,CA21,CA23,CA25,CA26,CA31,CD14,CH21,CS10,CS11,CT30	B (允许共用)	Samsung	Eyang	TDK
35	004.003.0000100	陶瓷电容	CAP MC,6.3V,2.2uF,±20%,X5R,0402,SMD,TP	3	PCS	C9,CA4,CF2	B (允许共用)	Samsung	Eyang	TDK
36	004.003.0000383	陶瓷电容	CAP MC,6.3V,10uF,±20%,X5R,0603,SMD,TP	7	PCS	C14,C16,C29,CL5,CT20,CT28,CU1	B (允许共用)	Samsung	Eyang	TDK
37	004.003.0000503	陶瓷电容	CAP MC,50V,1000pF,±10%,X7R,0402,SMD,TP	12	PCS	C27,C28,C33,CA9,CA15,CA24,CA32,CI26,CB103,CB801,CB806,CB81	B (允许共用)	Samsung	Eyang	TDK
38	004.003.0000386	陶瓷电容	CAP MC,16V,10uF,±20%,X5R,0805,SMD,TP	6	PCS	CA5,CA6,CD8,CD13,CL1,CL7	B (允许共用)	Samsung	Eyang	TDK
39	004.003.0000771	陶瓷电容	CAP MC,10V,22uF,±20%,X5R,0805,SMD,TP	8	PCS	CA7,CA33,CA36,CA37,CD6,CD10,CD11,CL10	B (允许共用)	Samsung	Eyang	TDK
40	004.003.0000398	陶瓷电容	CAP MC,16V,0.22uF,±20%,X5R,0402,SMD,TP	9	PCS	CA10,CA11,CA14,CA19,CA20,CA28,CA29,CA30,CT13	B (允许共用)	Samsung	Eyang	TDK
41	004.003.0000574	陶瓷电容	CAP MC,50V,6800pF,±10%,X7R,0402,SMD,TP	2	PCS	CA34,CA35	B (允许共用)	Samsung	Eyang	TDK
42	004.003.0000515	陶瓷电容	CAP MC,25V,10uF,±10%,X5R,1206,SMD,TP	1	PCS	CD15	B (允许共用)	Samsung	Eyang	TDK

查找编号	物料编号	物料名称	规格型号	数量	单位	位号	等级	第一供应商	第二供应商	第三供应商
43	004.003.0000546	陶瓷电容	CAP MC,50V,33pF,±5%,NPO,0402,SMD,TP	4	PCS	CF3,CF3,C119,DH9	B (允许共用)	Samsung	Eyang	TDK
44	004.003.0000530	陶瓷电容	CAP MC,50V,22pF,±5%,NPO,0402,SMD,TP	12	PCS	CH6,CH9,CH11,CH14,CH15,CK6,CV5,CV6,DH3,DH4,DH5,DH6	B (允许共用)	Samsung	Eyang	TDK
45	004.003.0000562	陶瓷电容	CAP MC,16V,0.047uF,±10%,X7R,0402,SMD,TP	15	PCS	C11,C12,C13,CH,CH11,CH12,C113,C121,C122,C123,CS1,CV1,CV2,CV3,CV	B (允许共用)	Samsung	Eyang	TDK
46	004.003.0000506	陶瓷电容	CAP MC,50V,0.01uF,±10%,X7R,0402,SMD,TP	1	PCS	CK5	B (允许共用)	Samsung	Eyang	TDK
47	004.003.0000535	陶瓷电容	CAP MC,16V,0.022uF,±10%,X7R,0402,SMD,TP	1	PCS	CM4	B (允许共用)	Samsung	Eyang	TDK
48	004.003.0000045	陶瓷电容	CAP MC,50V,330pF,±5%,NPO,0402,SMD,TP	1	PCS	CM5	B (允许共用)	Samsung	Eyang	TDK
49	004.003.0000570	陶瓷电容	CAP MC,50V,56pF,±5%,NPO,0402,SMD,TP	2	PCS	CT34,CT35	B (允许共用)	Samsung	Eyang	TDK
50	004.003.0000170	铝电解电容	CAP AL,25V,470uF,±20%,LD,YE,P,5.0mm,10×12,DIP,TP,Elite	2	PCS	EA1,EB102	B	Elite	CapXon	
51	004.003.0000445	铝电解电容	CAP AL,10V,470uF,±20%,CD263,P,2.5mm,6.3×12,DIP,TP,XF	1	PCS	ED1	B	XF	XL	
52	004.004.0000326	磁珠	BEAD,120ohm,0402,500mA,SMD,TP,FCM1005KF-121T06,Tai-tech	6	PCS	L1,L2,L3,L4,L5,LT17	B	Tai-tech	Soldiers	
53	004.004.0000016	功率电感	Power Inductor,4.7uH,±20%,3.3A,DR6.0×4.5,SMD,SWPA6045S4R7MT,Sunlord	1	PCS	LD1	B	Sunlord	Microgate	
54	004.004.0000924	功率电感	Power Inductor,4.7uH,±20%,2.8A,0.35×1P,DR5.8×4.5,SMD,CD54-4.7uH,wenshan	1	PCS	LD2	B	wenshan	Sunlord	
55	004.005.0000195	开关二极管	DIO SW D2,200mA,70V,SOT-23,SMD,BAV99,BLUE ROCKET	1	PCS	DF1	B	BLUE ROCKET	GOOD-ARK	
56	004.005.0000315	TVS管	DIO ESD,3pF,200V,0402,SMD,SFI0402-240E-2R5PP-LF,SFI	11	PCS	DK1,DS1,DS3,DS4,DS5,DS6,DS7,DS8,DS9,DS10,DS11	B	SFI	GOOD-ARK	
57	004.006.0000007	通用三极管	Dynatron,NPN,0.2A,40V,60-300,SOT-23,KMBT3904,KEKIN	3	PCS	QH2,QM2,QM4	B	KEKIN	BLUE ROCKET	
58	004.007.0000060	场效应管	PMOS,-4.3A,-20V,0.067ohm@ID=-2.8A@VGS=-2.5V,SOT23-3,WPM2341A-3/TR,WILLSEMI	1	PCS	QM1	B	WILLSEMI	MATSUKI	
59	004.007.0000061	场效应管	PMOS,-4.22A,-30V,0.076ohm@ID=-3A@VGS=-4.5V,SOT-23,ME2325-G,MATSUKI	1	PCS	QM3	B	MATSUKI	WILLSEMI	
60	004.009.0000013	无源标准封装晶体振荡器	SPXO,24MHz,±20PPM,20pF,HC-49SMD,SMD,49SMD 24.000MHz_JWT	1	PCS	Y1	B	JWT	LM	
61	004.010.0000008	DC-DC芯片	IC DCDC,Syn,3.0A,16.0V,500KHz,TSOT23-8,SMD,MP9495D,J-LF-Z,MPS	1	PCS	UD1	A	MPS		
62	004.010.0000033	DC-DC芯片	IC DCDC,Syn,3.0A,18V,500KHz,TSOT23-6,SMD,SYH113ADC,SILERGY	1	PCS	UD2	A	SILERGY		
63	004.010.0000059	LDO芯片	IC LDO,1.0A,3.3V,12.0V,SOT-223,SMD,LC1117CLTR33,Leadchip	2	PCS	UL1,UT2	A	Leadchip		
64	004.010.0000060	LDO芯片	IC LDO,1.0A,ADJ,12.0V,SOT-223,SMD,LC1117CLTRAD,Leadchip	1	PCS	UL2	A	Leadchip		
65	004.011.0000223	SPI FLASH 芯片	IC SPI FLASH,64Mb,SOIC8,SMD,GD25Q64CSIG,GigaDevice	1	PCS	UF1	A	GigaDevice		
66	004.012.0000005	音频功放	IC Audio AMP,Class D,2×10W@13.0V@8ohm,PDSO28,SMD,TPA3110LD2PWPR,TI	1	PCS	UA1	A	TI		
67	004.026.0000039	自恢复保险丝	FUSE PTC,1.1A,6V,1206,SMD,TP,TLC	1	PCS	FU1	A	TLC		
68	004.036.0001122	HDMI端子	HDMI Jack,H,SMD,161031041(hull-SPCC),VAST	2	PCS	AV2,AV3	B	VAST		
69	004.036.0000204	DB端子	DB15 Jack,Single,H,Blue,Screw,Lock,CH6.3,DIP,WLHD-051A,WLCO	1	PCS	AV4	B (允许共用)	WLCO	XH	LK
70	004.036.0001366	RCA端子	RCA Jack,AV1,H,Orange,CH5.5,Seal,DIP,AV38A-01S-5020,QS	1	PCS	AV9	B (允许共用)	QS	JSL	SC
71	004.036.0000353	CI卡座	CI Jack,H=8mm,A01C5A0080LPZ8-1,CONCRAFT	1	PCS	CN11	C	CONCRAFT	Hadkj	CPI
72	004.036.0000396	耳机端子	Earphone Jack,H,Φ3.6,CH7.0,Black,switch,Seal,DIP,PJ-339,JSL	1	PCS	CN14	C	JSL	CS	QS
73	004.036.0001700	连接插座	connect jack,5Pin,D2.0,D,SNAP,Nature,L=2.8mm,DIP,AMA	1	PCS	CN16	C	AMA	CNJST	XFE
74	004.036.0000764	连接插座	connect jack,2Pin,D2.5,L,SNAP,STEP,White,L=3.4mm,DIP,XFE	1	PCS	CNA3	B (允许共用)	XFE	CNJST	AMA
75	004.036.0000763	连接插座	connect jack,2Pin,D2.5,L,SNAP,STEP,Red,L=3.4mm,DIP,XFE	1	PCS	CNA4	B (允许共用)	XFE	CNJST	AMA
76	004.040.0000579	散热片	Heat sink,AL6063,22.5×22.0×6.2mm,本色,原铝,鳍片型,XXWJ	1	PCS	HS1	C	XXWJ	FR	MRD
77	005.002.0000001	胶水	胶水,0.1g,硅胶,ZJ	1	PCS	U1上方	C	ZJ		
78	004.036.0001776	耳机端子	Earphone Jack,H,Φ3.6,CH2.5,Black,Seal,DIP,PJ-320M,JY	2	PCS	AV10,AV13	C	JY	CS	QS
79	004.003.0000519	陶瓷电容	CAP MC,50V,120pF,±5%,NPO,0402,SMD,TP	1	PCS	CS3	B (允许共用)	Samsung	Eyang	TDK
80	004.005.0000398	TVS管	DIO ESD,17.5pF,9V,DFN1006-2L,SMD,ESD5451N-2/TR,Wilsemi	1	PCS	DS2	B	Wilsemi	GOOD-ARK	
81	004.036.0000259	SCART端子	SCART Jack,H,R,Seal,DIP,CS-116B-EP,CS	1	PCS	AV14	C	CS		
82	004.036.0000531	FFC插座	FFC connector,30Pin,D1.0,Bottom,SMD,P-TWO	1	PCS	CN2	B (允许共用)	DLK	XFE	CNJST
83	004.003.0000561	陶瓷电容	CAP MC,50V,470pF,±10%,X7R,0402,SMD,TP	1	PCS	CI25	B (允许共用)	Samsung	Eyang	TDK
84	004.004.0000032	功率电感	Power Inductor,22uH,±20%,1.8A,0.27×1P,DR5.8×4.5,SMD,DSB5845-220M-LF,BLDX	4	PCS	LA1,LA2,LA3,LA4	B	BLDX	Sunlord	
85	004.036.0001699	连接插座	connect jack,4Pin,D2.0,D,SNAP,Nature,L=2.8mm,DIP,AMA	1	PCS	CN12	C	AMA	CNJST	XFE
86	004.036.0000281	USB端子	USB Jack,H,Single,flange,DIP,USB-042M-002DP,QS	1	PCS	AV6	B (允许共用)	QS	XFE	WLCO
87	004.052.0000737	客供TV主芯片	IC Main Chip,SMD,MSD3463GSA-004A,TCL-ODM,Mstar	1	PCS	U1	A	Mstar		

查找编号	物料编号	物料名称	规格型号	数量	单位	位号	等级	第一供应商	第二供应商	第三供应商
88	004.001.0003870	PCB板	PCB板 .TP.MS3463S.PB782D(16027).2L.2.210.00*167.75mm.FR4(TG130-CT1175).1OZ.Green.OSP.1.6mm.P139	1	PCS	PCB	A	Ruomei		
89	004.041.0000608	麦拉片间隔柱	麦拉片间隔柱.尼龙.7.00*8.35mm.白色.WQOM	4	PCS	GD1.GD2.GD3.GD4	C	WQOM	KEDL	ZST
90	004.002.0000648	厚膜电阻	RES.1/16W.3Kohm.±1%.0402.SMD	2	PCS	RB132.RB133	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
91	004.003.0000028	陶瓷电容	CAP CD.1KV.220pF.±10%.Y5R.P.5.0mm.DIP.TP.Walsin	2	PCS	CB809.CB810	B	TDK	Walsin	
92	004.003.0000627	陶瓷电容	CAP CD.1KV.100pF.±5%.SL.P.5.0mm.DIP.TP.TDK	1	PCS	CB116	B	TDK	Walsin	
93	004.005.0000190	开关二极管	DIO SW D1.200mA.70V.SOT-23.SMD.BAV70.BLUE ROCKET	1	PCS	DB807	B	BLUE ROCKET	GOOD-ARK	
94	004.002.0000707	厚膜电阻	RES.1/16W.510Kohm.±1%.0402.SMD	1	PCS	RB827	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
95	004.004.0000878	变压器	Transformer.EQ3214.380uH.0.35*2P.30Ts.H16.5MAX.SYEQ3214-T012032A.DIP.YX	1	PCS	TB101	A	YX		
96	004.005.0000156	整流二极管	DIO SI S.2A.1000V.DO-15.DIP.RL207.LRC	4	PCS	DB1.DB2.DB3.DB4	B	LRC	Diodes	
97	004.002.0000124	厚膜电阻	RES.1/4W.2.2ohm.±1%.1206.SMD	3	PCS	RB117.RB118.RB816	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
98	004.005.0000152	整流二极管	DIO SI D1.10A.100V.TO-263.SMD.MBRB10100CT.GOOD-ARK	1	PCS	DB101	B	GOOD-ARK	TSC	
99	004.002.0000602	厚膜电阻	RES.1/16W.15Kohm.±1%.0402.SMD	1	PCS	RB822	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
100	004.003.0000532	陶瓷电容	CAP MC.50V.220pF.±5%.NPO.0402.SMD.TP	1	PCS	CB804	B (允许共用)	Samsung	Eyang	TDK
101	004.002.0000050	厚膜电阻	RES.1/4W.1.2Mohm.±5%.1206.SMD	4	PCS	RB1.RB2.RB3.RB4	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
102	004.004.0000309	差模电感	Inductor.DR12*12.80uH.0.15*12P.40.5Ts.14.5MAX.SYDR1212-L003.DIP.EDL	1	PCS	LB801	A	EDL		
103	004.036.0001517	连接插座	connect jack.2Pin.D7.92.L.SNAP.Fool-proofing.nature.L=2.8mm(11mm).DIP.CNJST	1	PCS	CNB1	A	CNJST		
104	004.002.0000688	厚膜电阻	RES.1/16W.4.7Kohm.±1%.0402.SMD	1	PCS	RB134	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
105	004.056.0000008	光耦	Opto-coupler.130 to 260.D10.SMD.LTV-817S-TA-B.Liteon	1	PCS	PCB101	A	Liteon		
106	004.007.0000006	场效应管	NMOS.7A.650V.1.1ohm@ID=3.5A@VGS=10V.TO-220MF.JCS7N65FB.JLHW	1	PCS	QB101	B	JLHW	MATSUKI	
107	004.002.0000110	厚膜电阻	RES.1/8W.5Kohm.±1%.0805.SMD	1	PCS	RB140	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
108	004.002.0000392	续流电感	RES WIRE.3W.0.27ohm.±5%.DIP.TP.Futaba	1	PCS	RB148	B	Futaba	TY-OHM	
109	004.010.0000205	稳压器	IC Regulator.2.5V.0.4%.SOT-23.SMD.AZ431AN.ATRE1.BCD	1	PCS	UB102	B	BCD	BLUE ROCKET	
110	004.003.0000144	铝电解电容	CAP AL.100V.47uF.±20%.LD.EV.P.5.0mm.10*12.DIP.TP.Elite	1	PCS	EB802	B	Elite	CapXon	
111	004.003.0000533	陶瓷电容	CAP MC.50V.220pF.±10%.X7R.0402.SMD.TP	2	PCS	CB101.CB102	B (允许共用)	Samsung	Eyang	TDK
112	004.004.0000361	磁珠	BEAD.70ohmMin.φ3.5*6.0*0.65.DIP.TP.SA-A048-020-A SRH3560TL-J5C-06S.Soldiers	1	PCS	BB101	B	Soldier	Tai-tech	
113	004.002.0000413	热敏电阻	RES NTC.2.4W.5A.2.5ohm.±20%.S.5.0mm.10mm.DIP.Thinking	1	PCS	NTCB1	A	Thinking		
114	004.004.0000360	磁珠	BEAD.30ohmMin.φ3.5*3.0*0.65.DIP.TP.SA-A048-021-A SRH3530TL-J5C-06S.Soldiers	1	PCS	BB801	B	Soldier	Tai-tech	
115	004.002.0000620	厚膜电阻	RES.1/10W.2Kohm.±5%.0603.SMD	1	PCS	RB131	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
116	004.036.0001753	连接插座	connect jack.2Pin.D2.0.D.L=2.8mm.DIP.AMA	1	PCS	CNB2	C	AMA	CNJST	XFE
117	004.005.0000159	整流二极管	DIO FRD S.2A.1000V.DO-15.DIP.FR207-AJ.LRC	1	PCS	DB106	B	LRC	Diodes	
118	004.002.0000062	厚膜电阻	RES.1/4W.510Kohm.±1%.1206.SMD	3	PCS	RB101.RB102.RB814	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
119	004.003.0000189	铝电解电容	CAP AL.50V.10uF.±20%.LF.GH.P.2.5mm.5*11.DIP.TP.CapXon	1	PCS	EB107	B	CapXon	Samxon	
120	004.010.0000182	PWM控制器	IC PWM Controller.200KHz.SOP-16.SMD.MP3398AGF-Z.MPS	1	PCS	UB801	A	MPS		
121	004.043.0000036	十字槽圆头螺丝	十字槽圆头螺丝.PM3.0*8.0*5.5mm.带双垫片.镀锌.SWRCH18A.螺丝头直径5.5mm.SJ	1	PCS	MB1	C	SJ	FG	
122	004.002.0000065	厚膜电阻	RES.1/4W.10ohm.±5%.1206.SMD	3	PCS	RB111.RB810.RB811	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
123	004.004.0000965	共模电感	Common Choke.UCT5.10.5mH.0.13*1.0mm.48Ts.H14.0MAX.SYUC15-L10.5mA.DIP.UENO	1	PCS	LCB3	A	UENO		
124	004.003.0000044	陶瓷电容	CAP MC.50V.0.1uF.±10%.X7R.0603.SMD.TP	4	PCS	CB104.CB109.CB803.CB813	B (允许共用)	Samsung	Eyang	TDK
125	004.003.0000041	陶瓷电容	CAP CD.1KV.470pF.±10%.Y5R.P.5.0mm.DIP.TP.ISND	1	PCS	CB118	B (允许共用)	ISND	Eyang	TDK
126	005.002.0000020	导热硅脂	导热硅脂.0.05g.其它.白色.NULL	1	PCS		C	0	0	
127	004.003.0000049	陶瓷电容	CAP MC.200V.220pF.±5%.NPO.0805.SMD.TP	1	PCS	CB113	B (允许共用)	Samsung	Eyang	TDK
128	004.026.0000011	熔断保险丝	FUSE T.C.3.15A.250VAC.MT.φ5.2*20mm.DIP.BULK.LS	1	PCS	FB1	A	LS		
129	004.002.0000723	厚膜电阻	RES.1/16W.6.8Kohm.±1%.0402.SMD	1	PCS	RB803	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
130	004.007.0000040	场效应管	NMOS.20A.150V.0.0755ohm@ID=10A@VGS=10V.TO252.AOD4454.A OS	1	PCS	QB801	B	AOS	Magnachip	
131	004.003.0000501	陶瓷电容	CAP MC.50V.100pF.±5%.NPO.0402.SMD.TP	2	PCS	CB802.CB807	B (允许共用)	Samsung	Eyang	TDK
132	004.036.0001705	连接插座	connect jack.10Pin.D2.0.D.SNAP.Nature.L=2.8mm.DIP.AMA	1	PCS	CNB801	B (允许共用)	AMA	CNJST	XFE
133	004.003.0000110	薄膜电容	CAP PE.400V.4700pF.±5%.P.5.0mm.PC.DIP.TP.Fara	1	PCS	CB114	B	Fara	Futaba	

查找编号	物料编号	物料名称	规格型号	数量	单位	位号	等级	第一供应商	第二供应商	第三供应商
134	004.005.0000177	整流二极管	DIO SI S, 1A, 1000V, DO-214AC, SMD, M7, WEJ	1	PCS	DB104	B	WEJ	Diodes	
135	004.003.0000816	X电容	CAP X2, MP, 280VAC, 0.47uF, ±10%, S, 15mm-Mini, PC, DIP, JH	1	PCS	CXB1	A	JH		
136	004.002.0000144	厚膜电阻	RES, 1/4W, 4.7ohm, ±1%, 1206, SMD	2	PCS	RB114, RB115	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
137	004.002.0000076	厚膜电阻	RES, 1/8W, 20ohm, ±5%, 0805, SMD	2	PCS	RB108, RB807	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
138	004.003.0000050	陶瓷电容	CAP MC, 50V, 0.47uF, ±10%, X7R, 0805, SMD, TP	1	PCS	CB805	B (允许共用)	Samsung	Eyang	TDK
139	004.002.0000468	厚膜电阻	RES, 1/4W, 10ohm, ±1%, 1206, SMD	3	PCS	RB110, RB145, RB146	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
140	004.005.0000078	肖特基二极管	DIO SBD S, 3A, 150V, DO-201AD, DIP, STPS3150RL, ST	1	PCS	DB801	B	ST	JLHW	
141	004.002.0000469	厚膜电阻	RES, 1/4W, 0.3ohm, ±5%, 1206, SMD	3	PCS	RB818, RB819, RB820	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
142	004.010.0000175	PWM控制器	IC PWM Controller, 65KHz, SOT23-6, SMD, LD7536RM GL, Leadtrend	1	PCS	UB101	A	Leadtrend		
143	004.041.0001724	麦拉片	Mylar, TP, MS3463S, PB782, SE42B, (110.5+6)×(112+6)×0.43mm, 黑色, ZST	1	PCS	ML1	A	ZST		
144	004.003.0000270	铝电解电容	CAP AL, 450V, 100uF, ±20%, FW, BK, 7.5mm, 16×34, DIP, Elite	1	PCS	EB1	A	Elite		
145	005.002.0000011	硅胶	硅胶, 0.2g, 通用, 60, 白色, SLD-8854W, XY	1	PCS	GL1	C	XY		
146	004.006.0000003	通用三极管	Dynatron, PNP, 0.2A, 40V, 30-100, SOT-23, MMBT3906-(100-300), BLUE ROCKET	1	PCS	QB102	B	BLUE ROCKET	LRC	
147	004.003.0000324	Y电容	CAP Y1, CD, 1000pF, 250VAC, ±20%, P, 10mm, Y5U, DIP, TP, TDK	1	PCS	CYB3	A	TDK		
148	004.004.0000162	共模电感	Common Choke, T10×6×5, 1.5mH MIN, 0.45×1P, 18.5T, H15, 0MAX, SYT10-L002, DIP, EDL	1	PCS	LCB1	A	EDL		
149	004.040.0000845	散热片	Heat Sink, 6系列铝合金, 50.0×25.0×5.0mm, 黑色, 氧化发黑, FR	1	PCS	HSB1	C	FR	MRD	XXWJ
150	004.005.0000189	开关二极管	DIO SW D1, 200mA, 70V, SOT-23, SMD, LBAV70LT1G, LRC	1	PCS	ZDB2	B	BLUE ROCKET	GOOD-ARK	
151	004.002.0000339	金属氧化膜电阻	RES MOF, 2WS, 100Kohm, ±5%, DIP, TP, Futaba	1	PCS	RB123	B	Futaba	TY-OHM	
152	004.002.0000480	厚膜电阻	RES, 1/8W, 68ohm, ±5%, 0805, SMD	1	PCS	RB106	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
153	004.003.0000620	Y电容	CAP Y1, CD, 470pF, 400VAC, ±10%, P, 10mm, Y5P, Mini, DIP, TP, TDK	1	PCS	CYB2	A	TDK		
154	004.003.0000166	铝电解电容	CAP AL, 50V, 47uF, ±20%, LF, GH, P, 2.5mm, 6.3×11, DIP, TP, CapXon	1	PCS	EB106	B	CapXon	Samxon	
155	004.005.0000143	整流二极管	DIO FRD S, 3A, 400V, DO-201AD, DIP, SSF3GG, GULF	1	PCS	DB103	B	GULF	GOOD-ARK	
156	004.003.0000887	陶瓷电容	CAP CD, 1kV, 4700pF, ±20%, Y5U, P, 5.0mm, DIP, TP, ISND	1	PCS	CB120	B	ISND	Walsin	
157	004.002.0000089	厚膜电阻	RES, 1/4W, 47ohm, ±5%, 1206, SMD	6	PCS	RB124, RB125, RB126, RB127, RB128, RB129	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG
158	004.003.0000062	陶瓷电容	CAP MC, 200V, 1000pF, ±5%, NPO, 0805, SMD, TP	1	PCS	CB117	B (允许共用)	Samsung	Eyang	TDK
159	004.003.0000160	铝电解电容	CAP AL, 63V, 100uF, ±20%, LD, EJ, P, 5.0mm, 10×12, DIP, TP, Elite	2	PCS	EB104, EB105	B	Elite	CapXon	
160	004.002.0000640	厚膜电阻	RES, 1/16W, 270ohm, ±5%, 0402, SMD	1	PCS	RB804	B (允许共用)	WALSIN	ROYALOHM	SAMSUNG



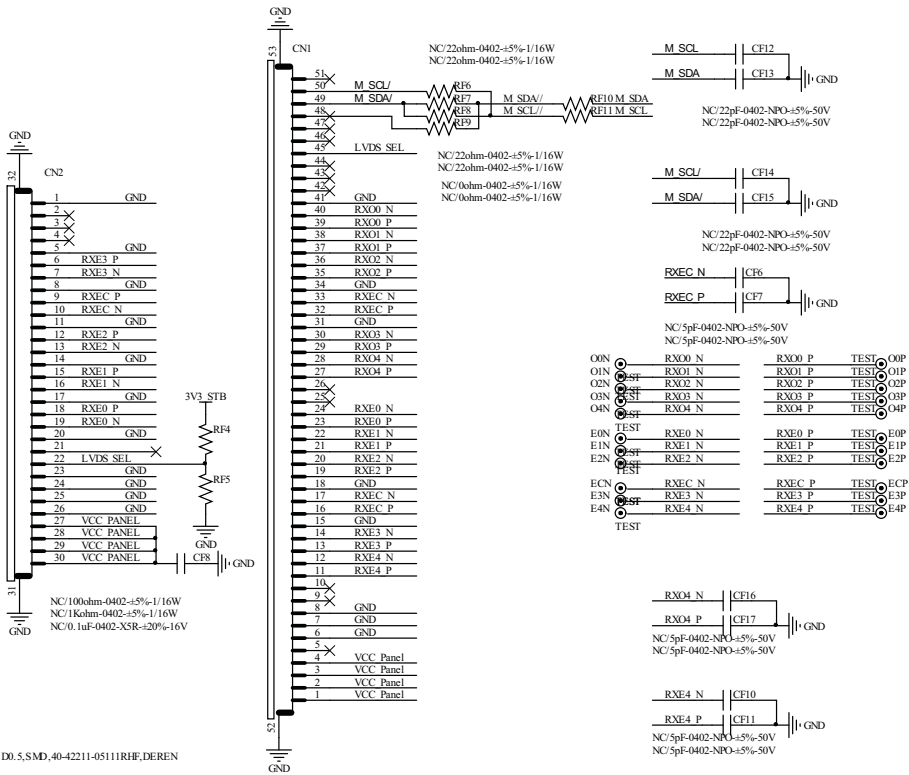






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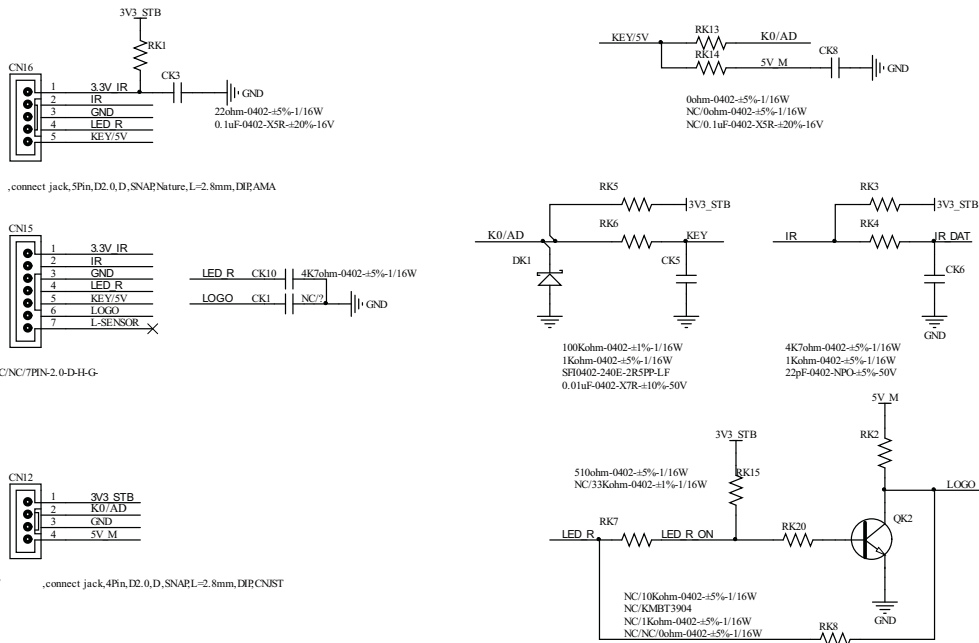


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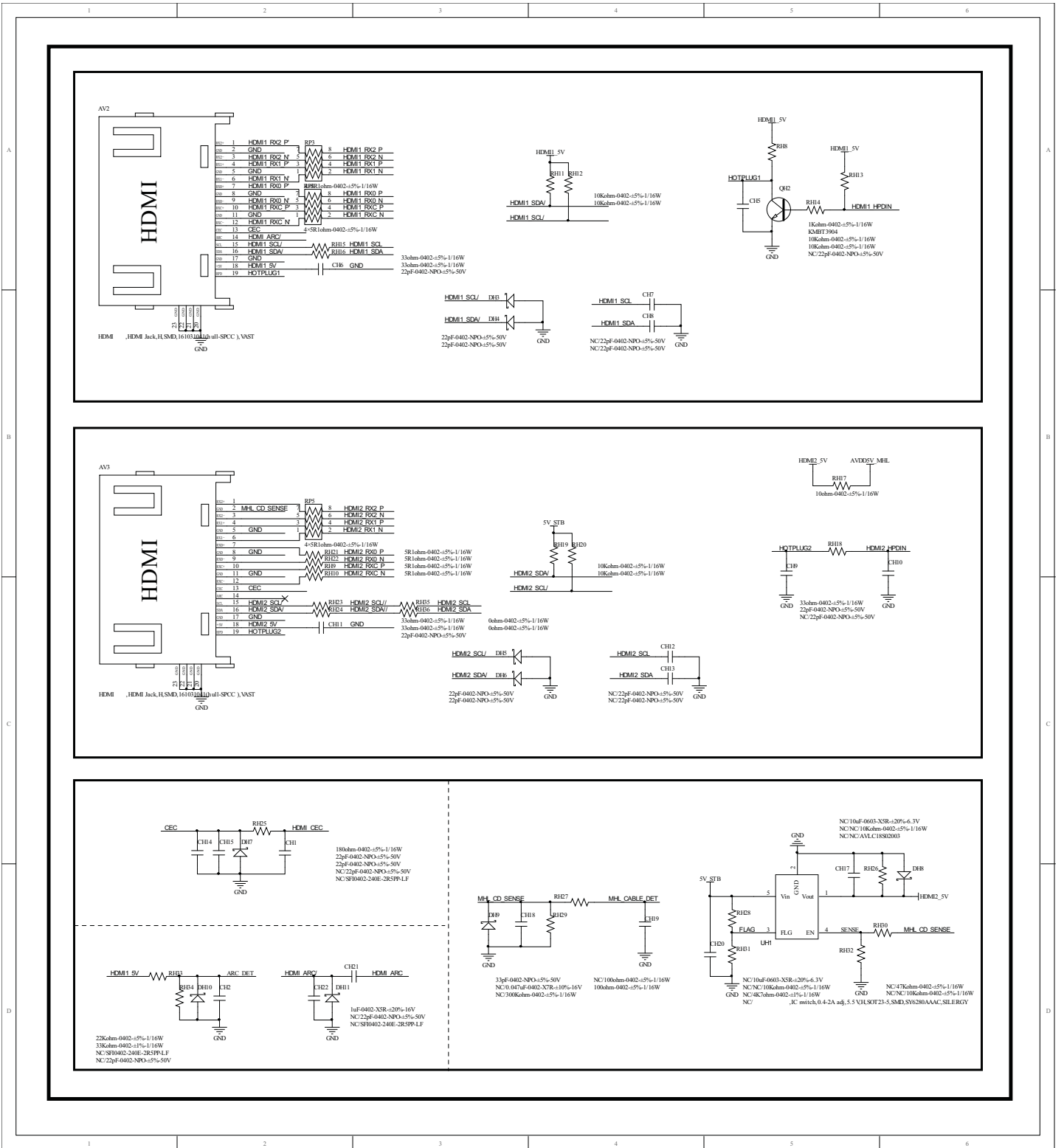
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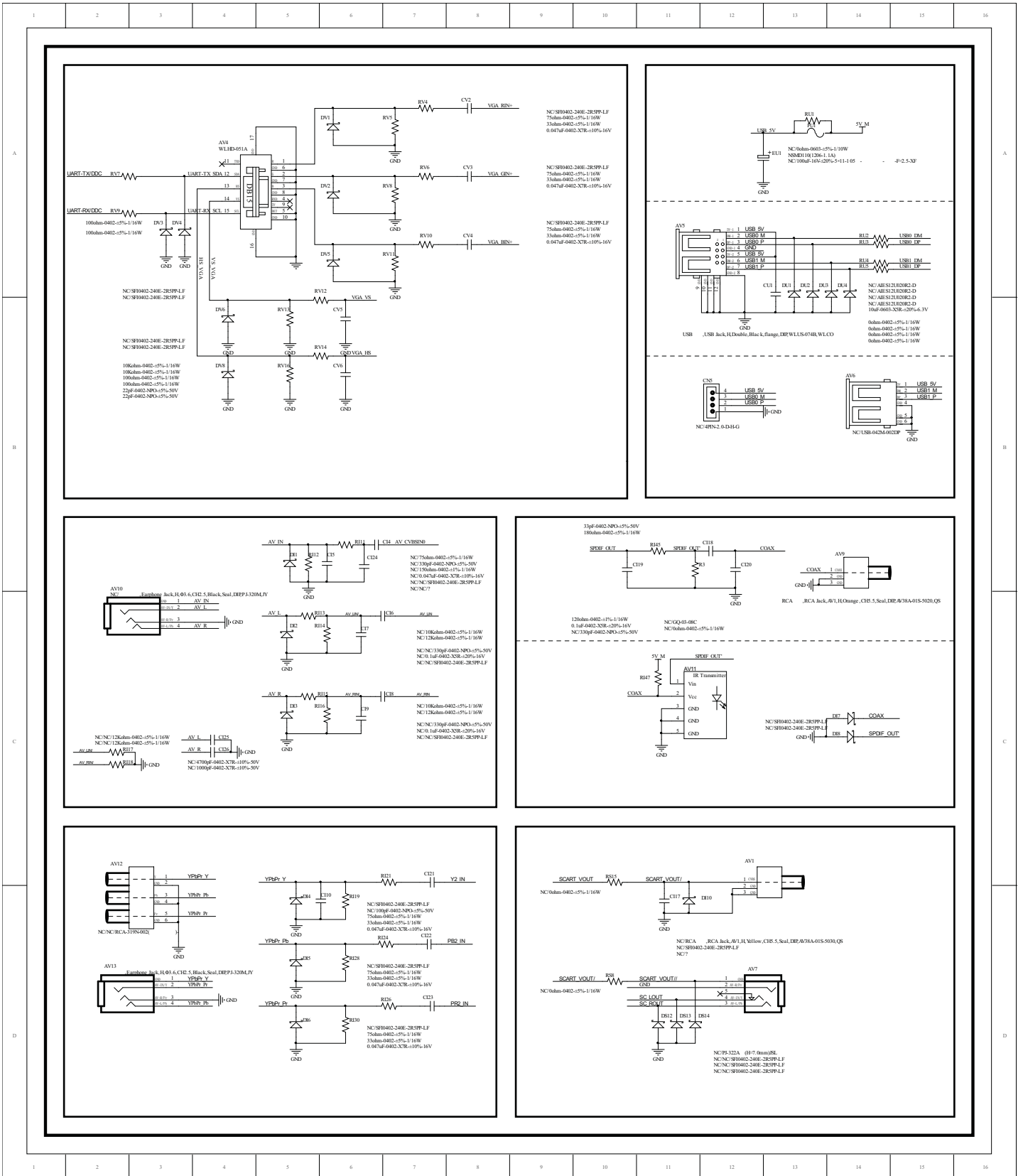
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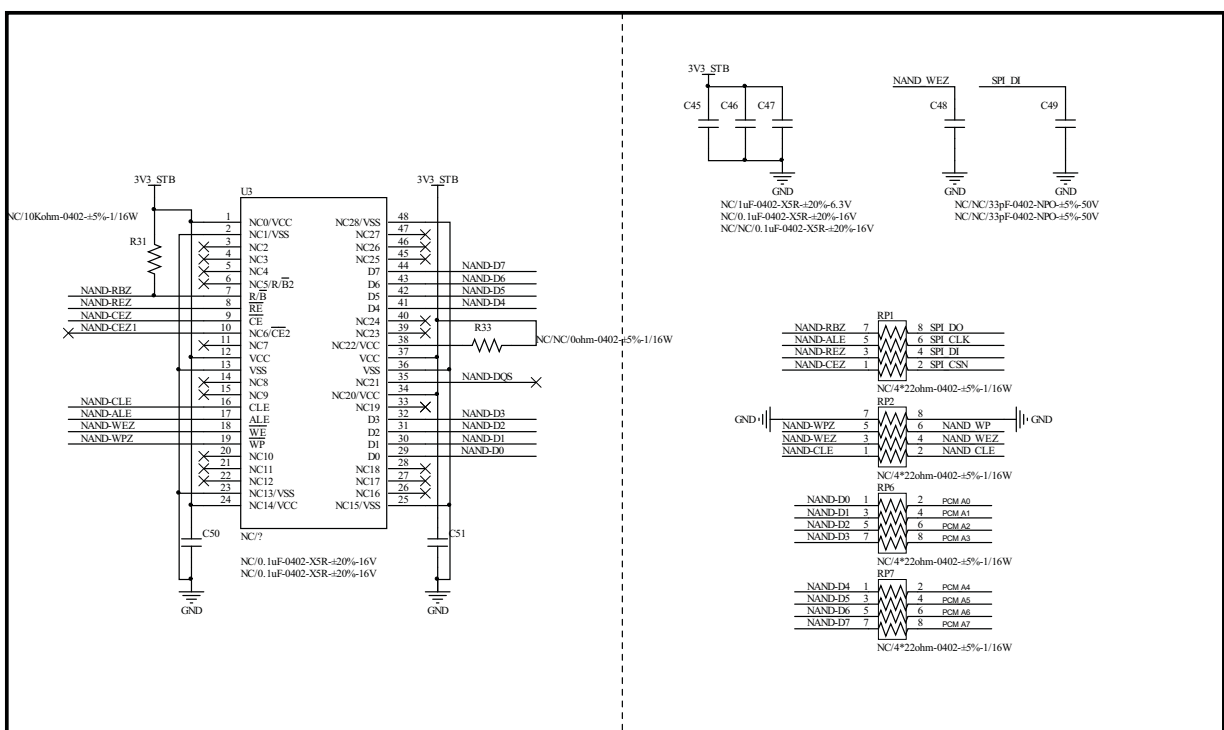






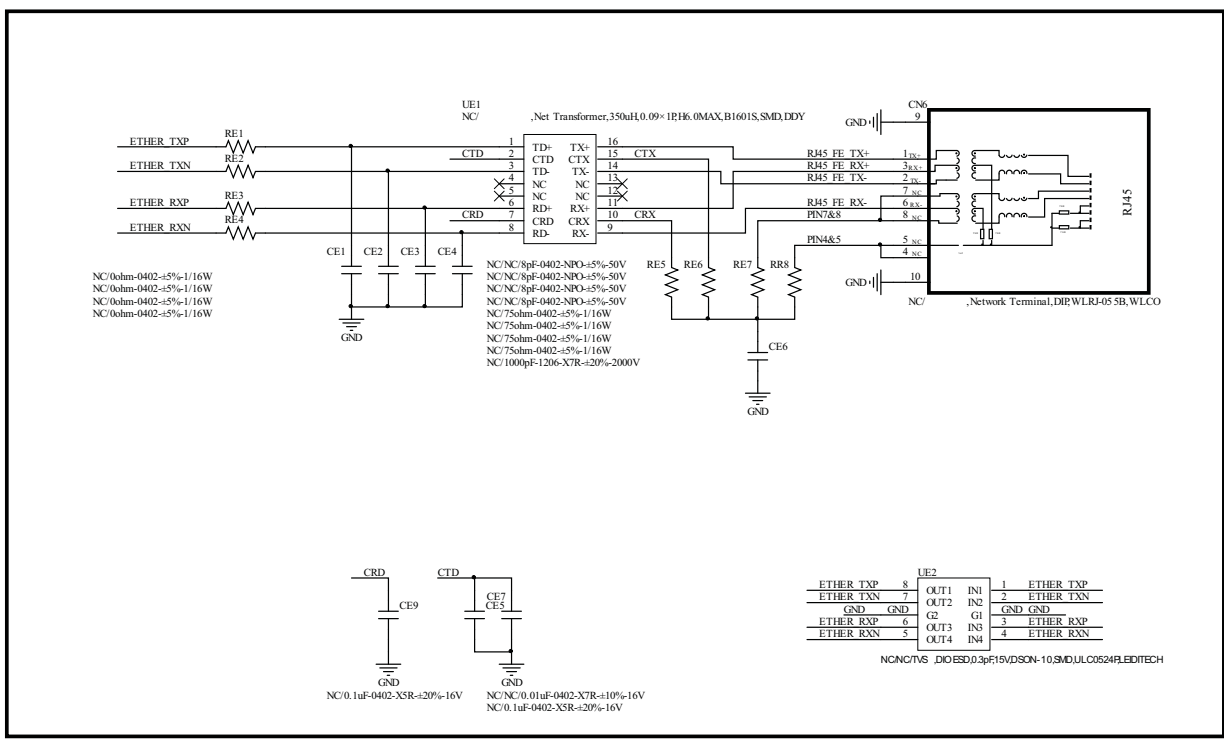
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