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5800系列数字电视一体机

32HHA5857/T3

43HFA5857/T3

49HFA5857/T3

55HFA5857/T3

# 快速 使用指南

**PHILIPS**

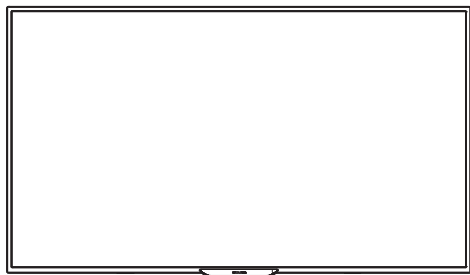
# 目录

|        |   |
|--------|---|
| 包装清单   | 3 |
| 电池安装方式 | 4 |
| 安装底座   | 5 |
| 壁挂安装   | 6 |
| 连接     | 7 |

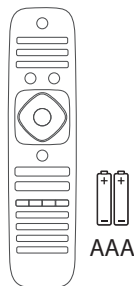


## 包装清单

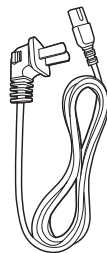
您的产品包装箱内应该含有下列物品：



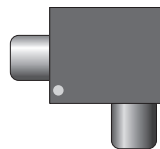
电视机



遥控器与2颗AAA电池



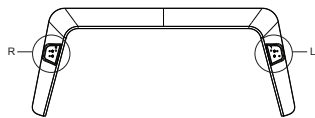
电源线



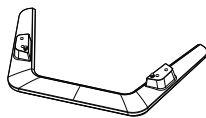
天线隔离器×1



三合一视频  
转接线

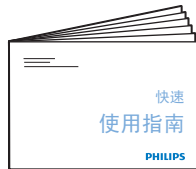


!! 底座含4颗M4 的螺丝  
(43" /49" /55" )



!! 底座含4颗Q4 的螺丝  
(32" )

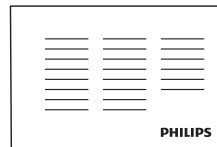
底座（含螺丝）



快速使用指南



使用手册



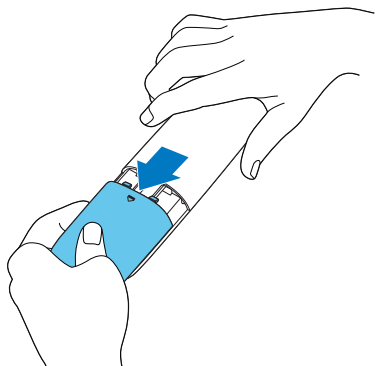
保修卡

# 1

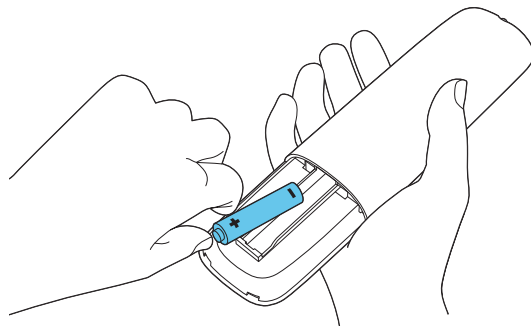
## 电池安装方式

按下遥控器后方的电池盖后打开电池盖

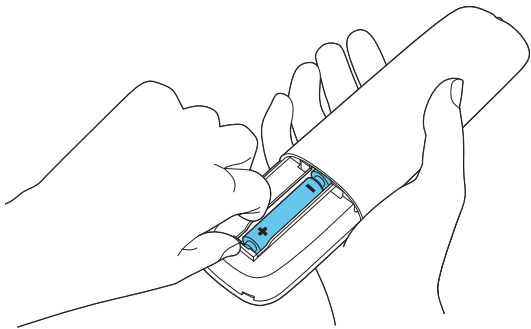
①



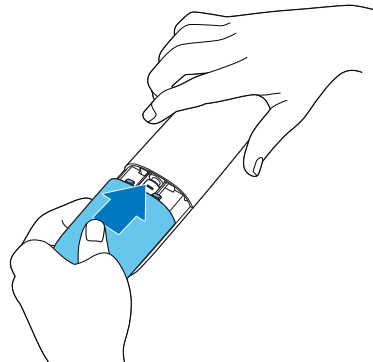
②



③



④



依图所示方向放入2颗AAA电池

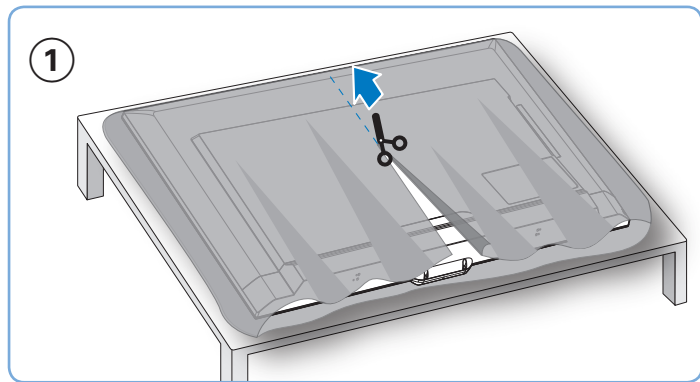


## 2

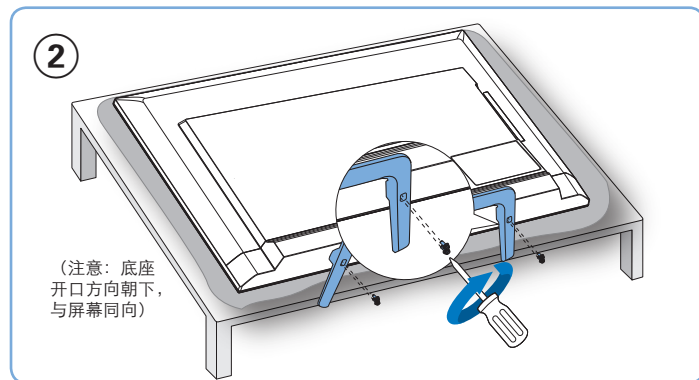
## 安装底座



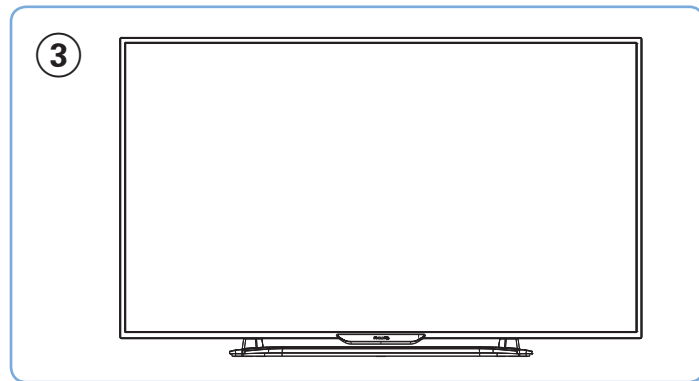
将电视机正面朝下置于平坦处，依图示方向剪开外包装



参照包装清单标识的底座凸点说明，将底座依所示方向装上并锁上螺丝。



将电视扶起放好



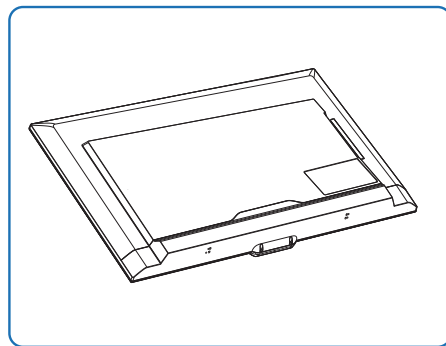
## 壁挂安装

电视机壁挂安装需要用到电视机壁挂架，壁挂架需要单独购买，本机未附带。

在安装电视之前，必须卸下电视的底座。

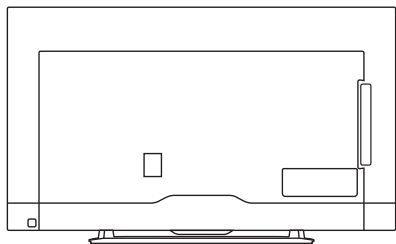
步骤一：用螺丝刀先将底座组件拆卸（卸下的螺丝、底座请保存好，以备日后电视要放桌面时使用。），若电视机尚未安装底座则略过此步骤；

步骤二：依照电视机壁挂架说明书或经由专业人士进行壁挂的安装。



# 3

## 连接



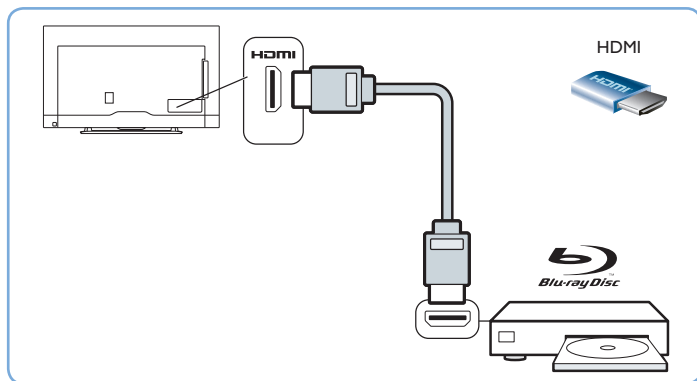
建议使用的影像端子接口:



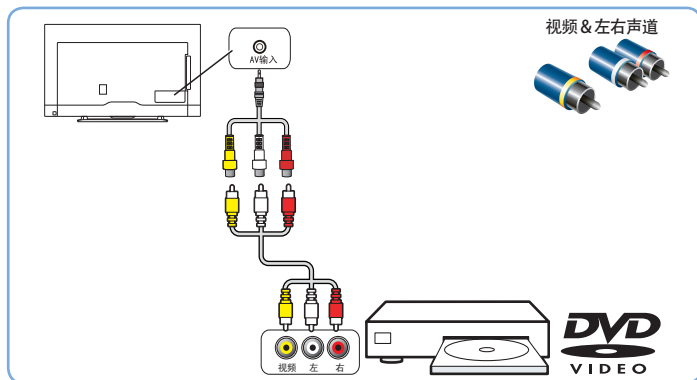
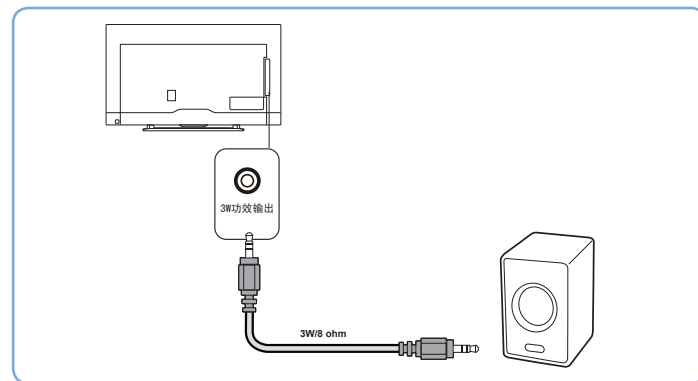
HDMI:  
影像画质最佳

AV端子:  
影像画质普通

## 影音端子连接方式



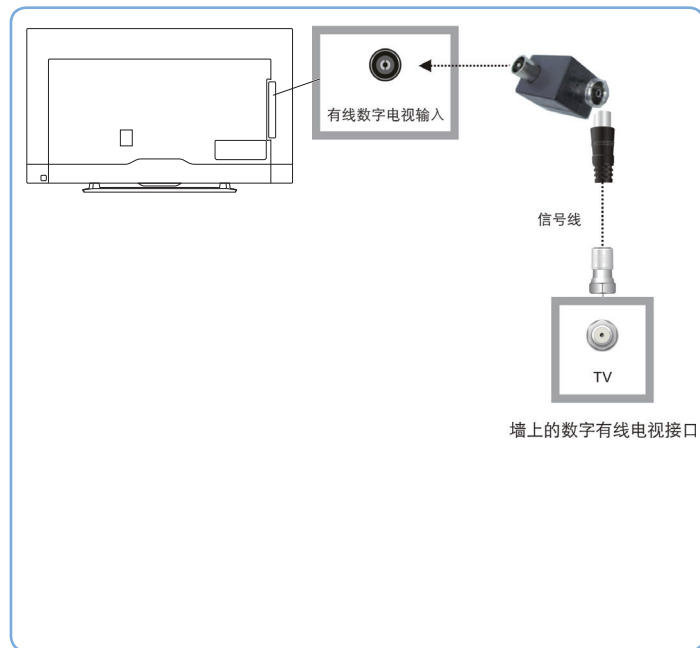
## 外接功放



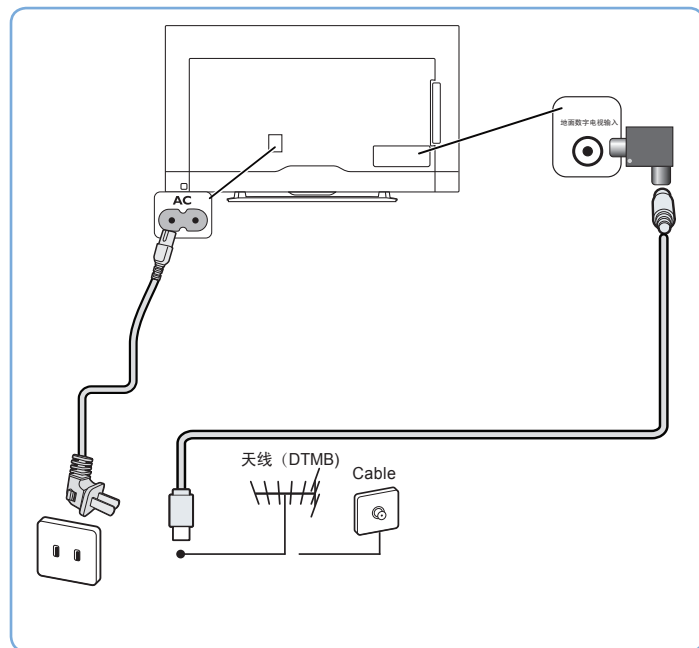
## 4

## 接上电源与电视信号

## 连接数字有线电视信号



## 通过天线连接



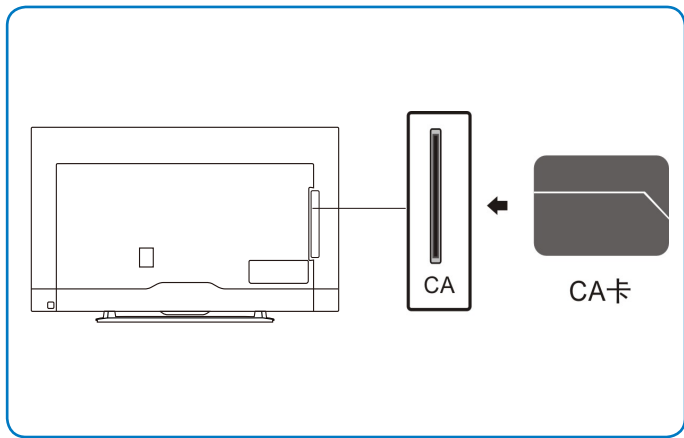
我们随机附送天线隔离器,请在安装电视的同时一并安装上天线隔离器(安装方式如上图示)。请用户在使用前务必确认天线隔离器是否有安装,若为直接接入,电视机的有线网络天线必须与保护接地隔离,否则可能会引起着火等危险。

## 5

## 插入CA卡

CA卡由当地运营商提供，用于收看加密频道的节目和访问数字电视业务。

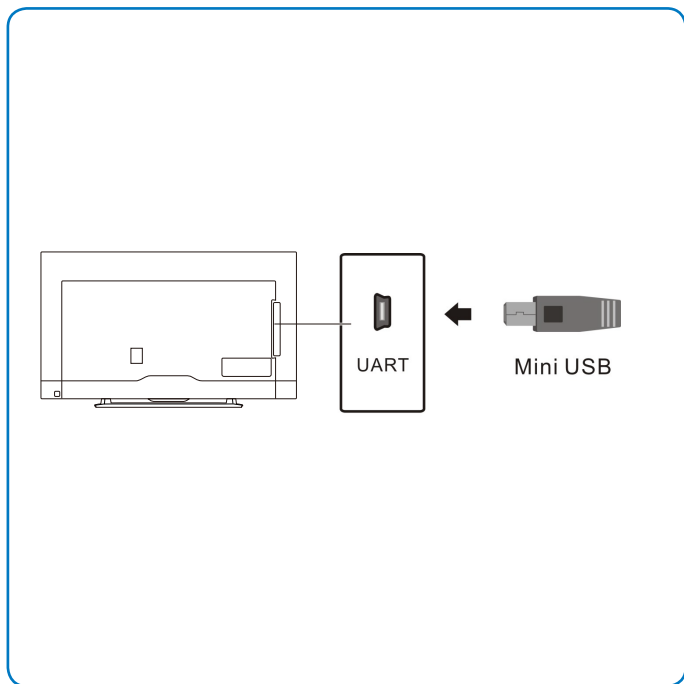
按照CA卡上箭头所指的方向，将它插入本机后面板上的CA插槽，如下图所示。



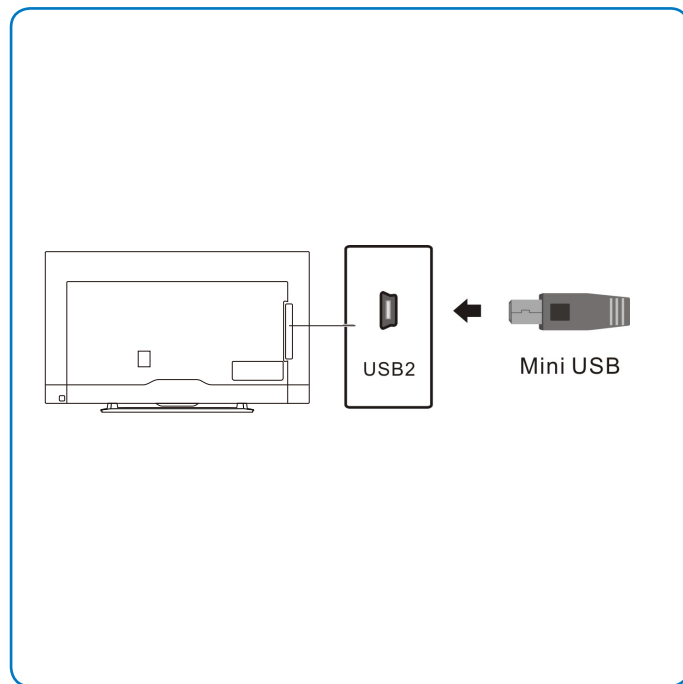
注意：

- 如果当地运营商采用无卡方案，则不需要再插卡。
- 请记住您的卡号以备查询。
- 请勿在机器通电时拔插CA卡，以免损坏CA卡。
- 请勿弯曲或损坏CA卡。
- 请勿将CA卡置于过热的环境中或在阳光下曝晒。
- 清洁CA卡时，请使用干燥、柔软的棉布轻轻擦拭表面，不得将其浸入液体或清洁剂中。
- 如果CA卡工作不正常，请与当地运营商联系。

## UART接口

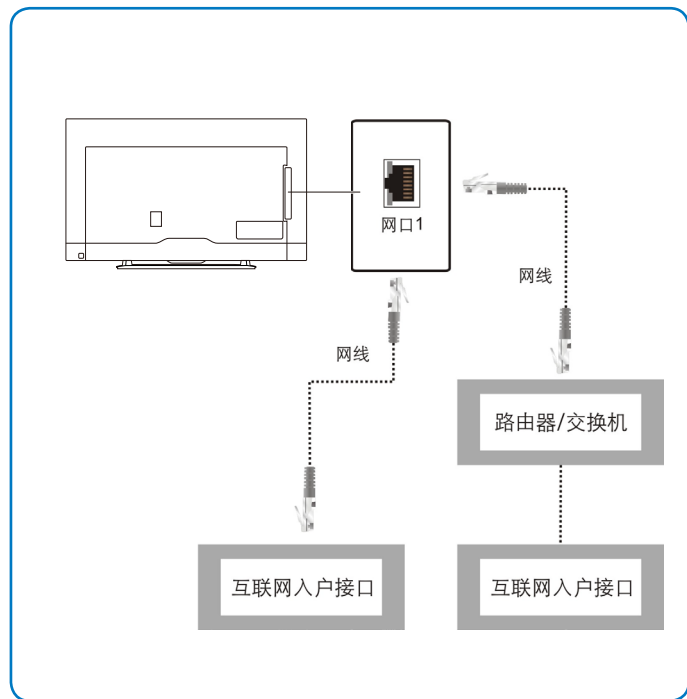


## USB2接口

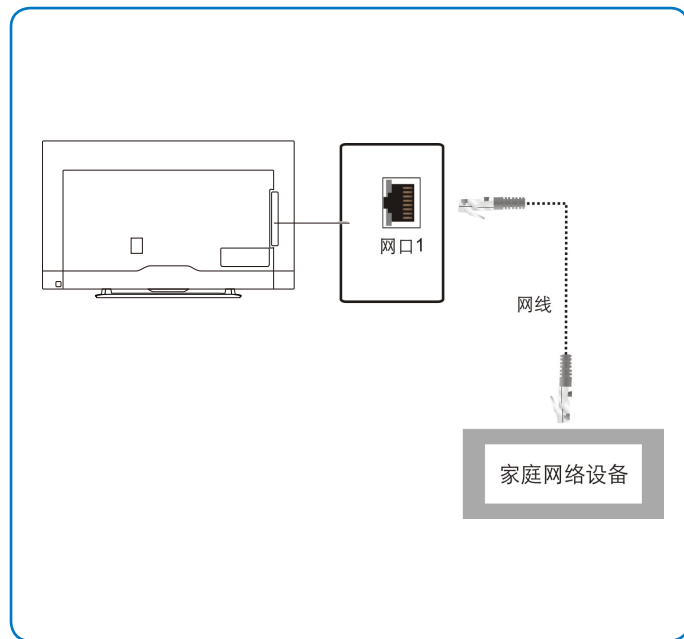


## 网口1接口 (WAN口/LAN口)

### A.WAN口模式



### B.LAN口模式

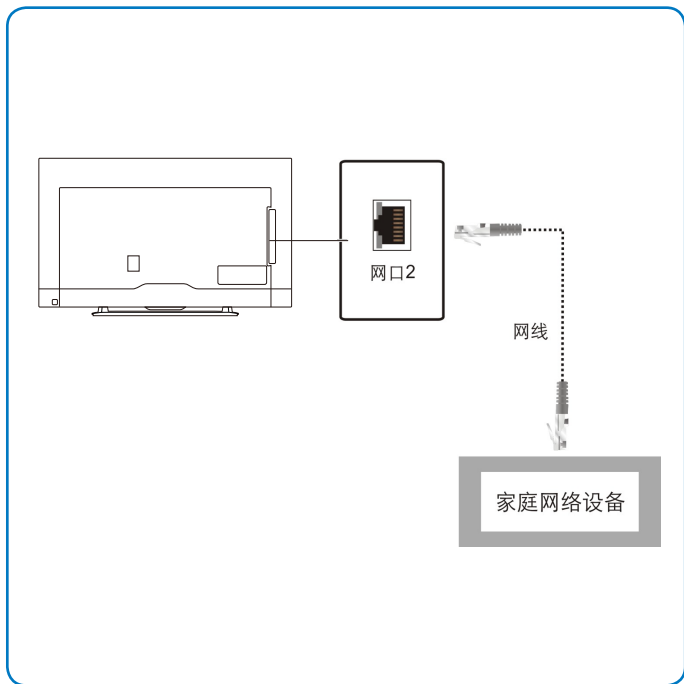


#### 注

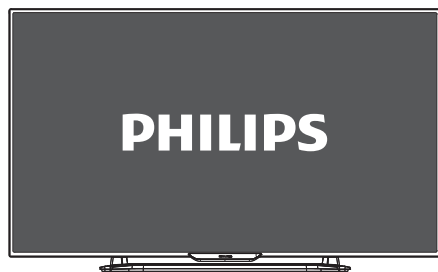
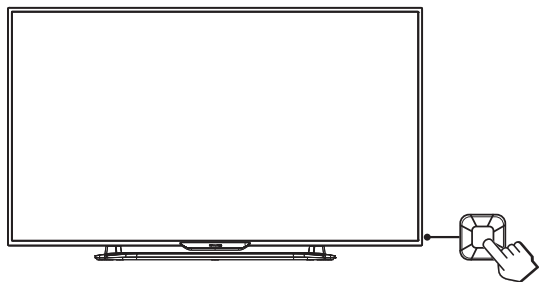
- 此模式需联系当地运营商开通广电宽带网络服务，详情请咨询当地运营商。



## 网口2接口 (LAN口)



按下电视背面多功能方向键的中间键  
打开电视机





更多操作信息请参考使用手册与PHILIPS support网站。



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出版日期：2015年4月

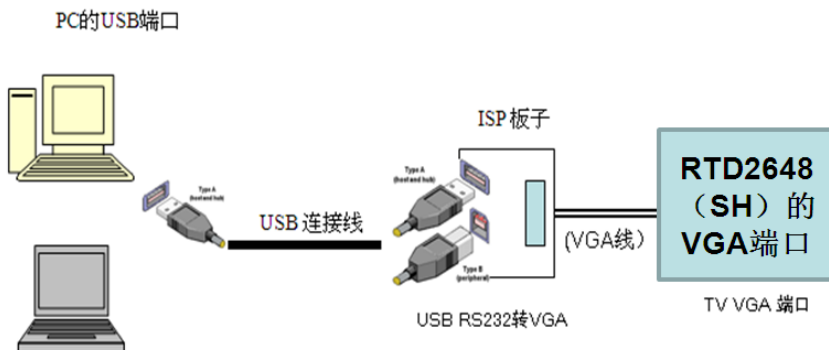
# RTK Platform SW Update SOP

1. 将发布软体名称修改为：**install.img**，并Copy到U**盘中**
2. 插入U盘
3. AC ON
4. TV自动升级，升级完成后会自动开启.

当机器出现异常状况无法用方式一，方式二升级软体时，请使用方式三强制升级，方式三分为5个部分

1. 工具介绍
2. 工具连接
3. 烧录软体
4. 烧录异常分析

- 使用的tools:
  - a. 一台PC
  - b. USB传输线一条（一端为小口）
  - c. USB转串口小板 (厦门厂料号: : 715GT216-A)
  - d. VGA线 /自制线材
  - e. 串口软件/windows自带程序 “超级终端”
  - f. U盘一个（FAT32格式，只能有一个分区）
- USB-RS232转VGA的治具:
  - a. 厦门厂料号：715GT216-A；CS站料号：715GT005-A-1
  - b. 如果维修站以上两个料号的治具都没有, 请使用715GT080-A代用, 但需要自己制作VGA转3 PIN的线材, 共两根（一根烧写软体, 一根烧写Bootloader）
  - c. 如何制作线材, 请参考后续说明



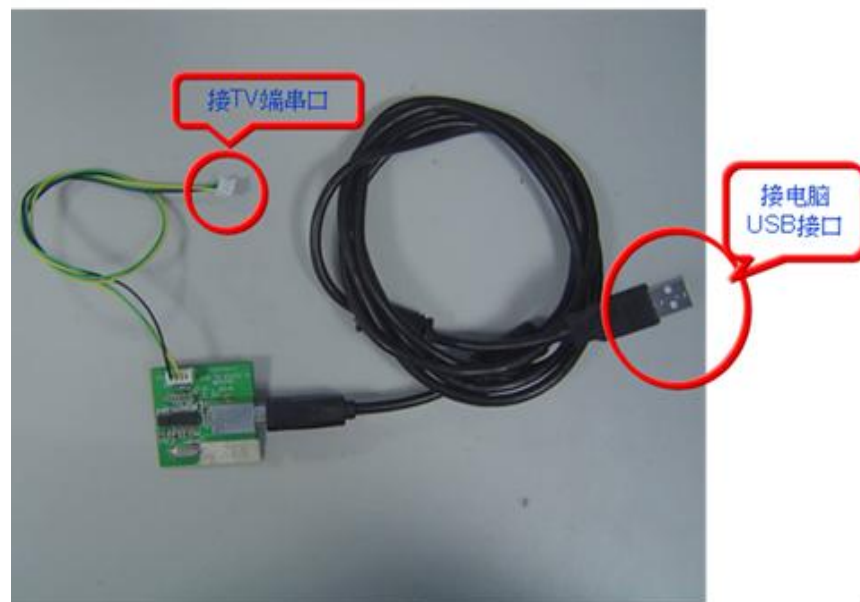


715GT005-A-1的连接图片  
USB RS232转VGA

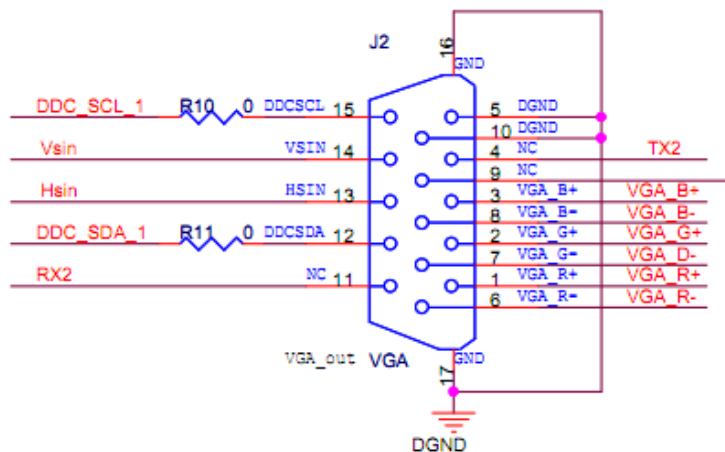


TOOL 料号: 715GT005-A-1

715GT080-A图片  
USB RS232转3PIN



TOOL 料号: CS TOOL 715GT080-A / RD TOOL 715GT170-A (MTK)



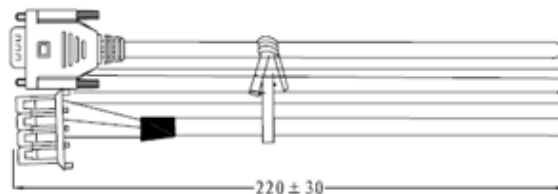
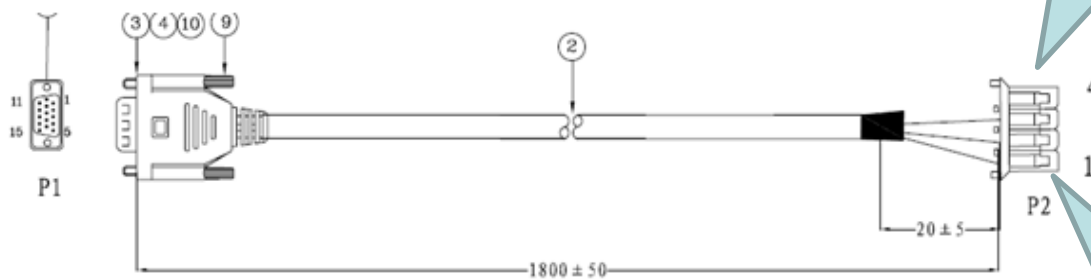
线材1烧写bootloader接法

1pin : NA

2pin : 接VGA 12pin ( TX )

3pin : 接VGA 15pin(RX)

4pin : 接VGA地, ( 如5pin )



WIRING TABLE

| P1 | WIRING COLOR | P2 |
|----|--------------|----|
| 5  | BLACK 黑      | 1  |
| 11 | RED 红        | 2  |
| 4  | GREEN 绿      | 3  |

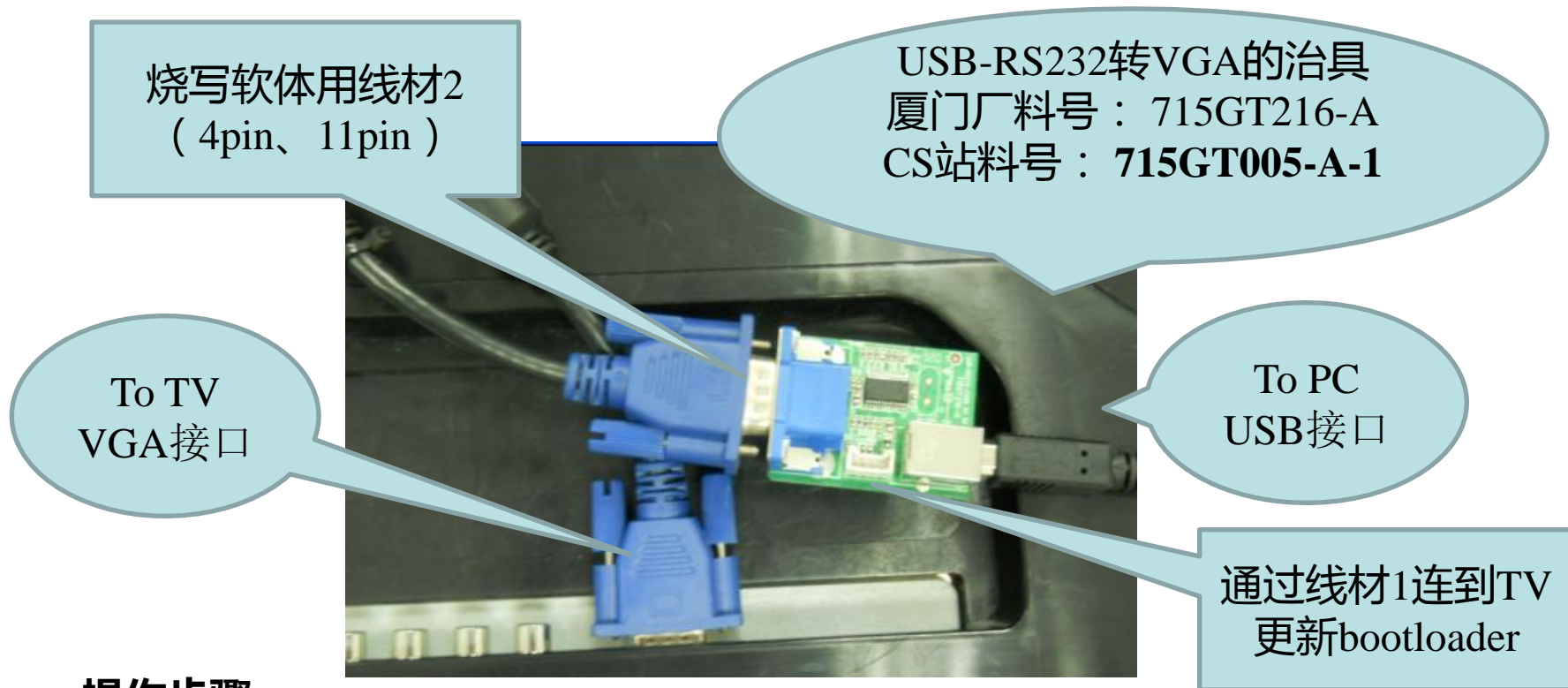
线材2 : 烧写软体接法

1pin : NA

2pin : 接VGA 4pin ( TX )

3pin : 接VGA 11pin(RX)

4pin : 接VGA地, ( 如5pin )



### 操作步骤：

- a. 按上列示意图，连接好PC--》ISP板子--》TV，**烧写Bootloader用线材1连接到TV、烧写软体用线材2连接到TV**。这里先使用线材2连接，然后安装USB转RS232的驱动：解压usb to rs232 driver.7z，双击运行/PL-2303/ PL-2303 Driver Installer.exe，按提示操作即可，接着打开ttermpro.exe



ttermpro.exe



usb to rs232 driver.7z

## USB 驱动安装注意事项：



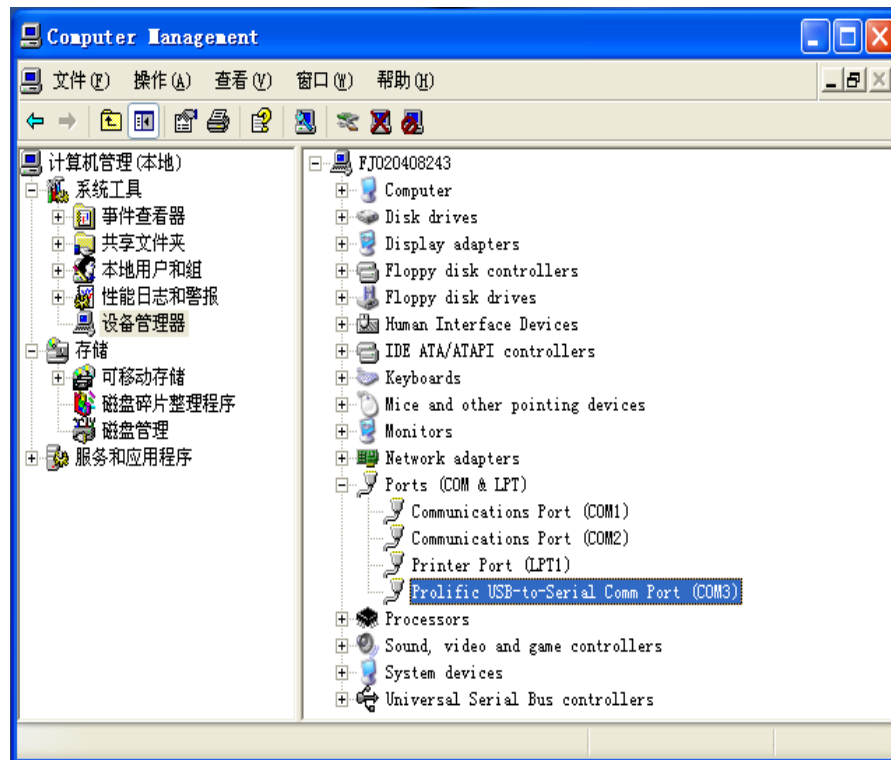
PL-2303 Driver  
Installer.exe

双击

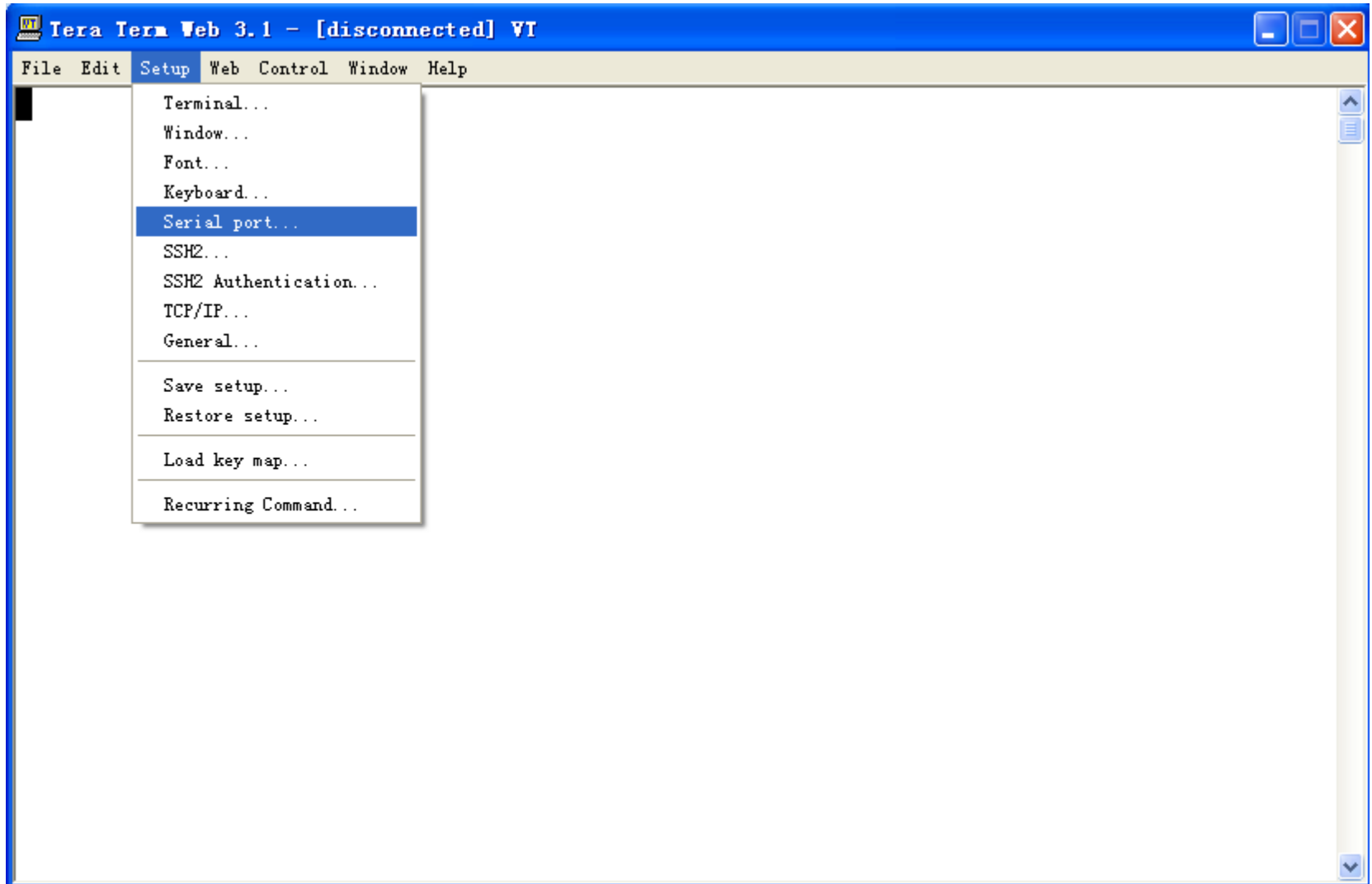
图标安装RS232驱动。

↓

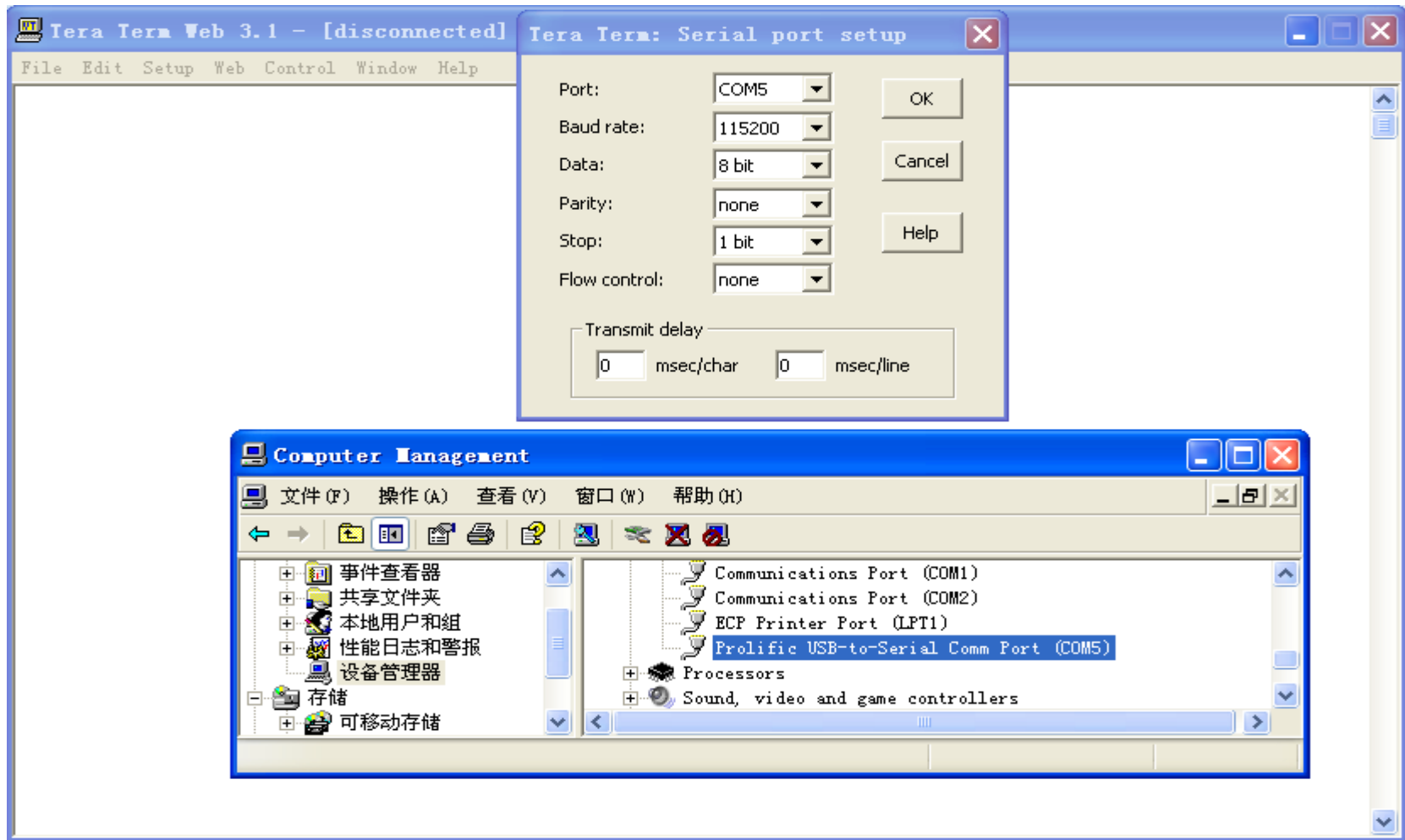
安装OK后，接上TOOL能建看上图的图标,表示你的USB  
驱动安装OK,并记住USB使用 的COM口。



b.打开ttermpro.exe,对串口软件进行设置，选择相应的COM口



- c.当USB转串口工具连接到PC上时,进设备管理器查看占用的是哪个COM口,并在ttermpro.exe的Serial port setup中选择相应的port,设置如下图,设置好后点击OK,终端开始显示LOG.



按Enter键



- b.将软体工程师提供的软体如AOC\_LE42D3150-80\_CN\_RTD2634\_PCB-715G6682\_LCG420DUJE1ABXEX0X\_V2.17\_20140811.img重新命名为install.img复制到U盘根目录 (此U盘必须TV可识别, 分区格式为FAT32, 且只有一个分区), 将U盘接到TV
- c.在终端中按住Tab键, 将TV AC off/on, 直到 (约15-20s) 出现如下信息后放开Tab键, (如出现异常请参考4.烧录失败分析进行处理)

```

Tera Term Web 3.1 - VT
File Edit Setup Web Control Window Help
mount: mounting devpts on /dev/pts failed: No such file or directory
ifconfig: socket: Function not implemented
route: socket: Function not implemented
grep: /proc/cmdline: No such file or directory
/usr/local/etc/rcS: line 44: cannot create /sys/bus/usb/devices/usb1/bEnableHub0
nBoard_woone: nonexistent directory

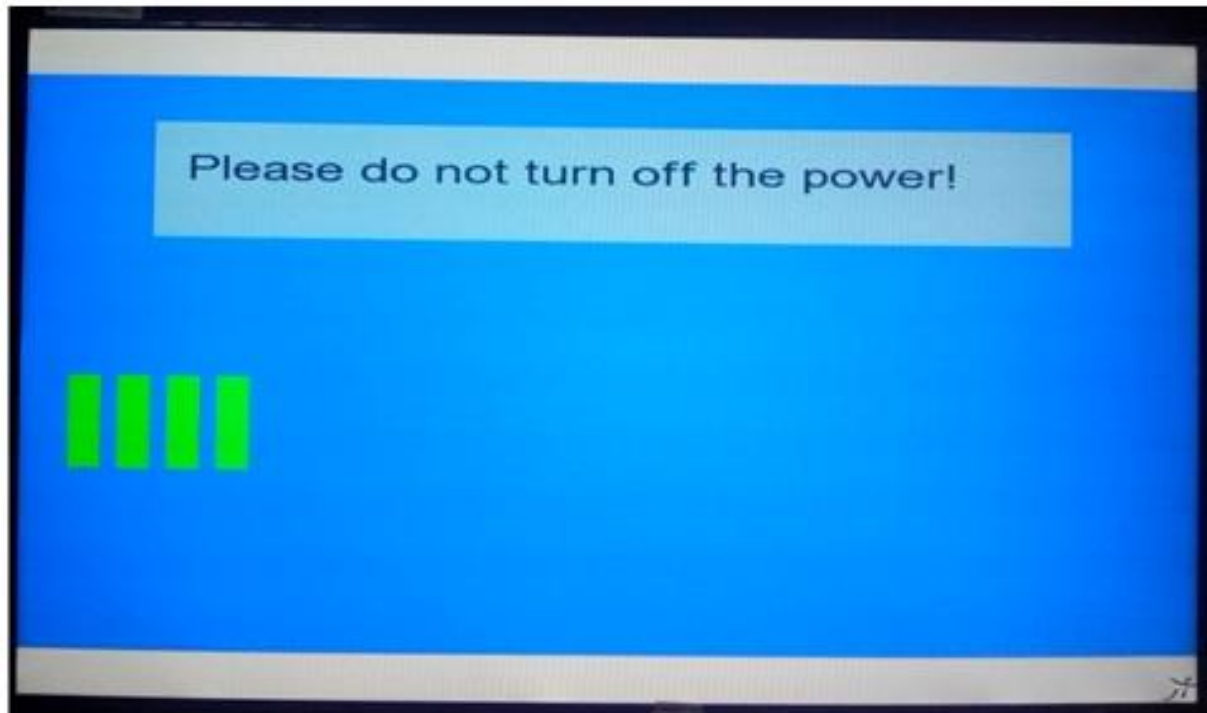
>>>>> loader start! (Aug 1 2012:19:27:22, version=00.01.01)
[JH] checksignature(), open /dev/mtdblock0
Welcome to Realtek Linux

Please press Enter to activate this console. BUS_TYPE = (null)
Hotplug: device "mtdblock0" is skipped.
#####[cfyeh-debug] hub_events(3709) usb_plug_status 1
BUS_TYPE = (null)
Hotplug: device "loop0" is skipped.
BUS_TYPE = (null)
Hotplug: device "loop1" is skipped.
BUS_TYPE = (null)
Hotplug: device "loop3" is skipped.
BUS_TYPE = (null)
usb 2-1: new full speed USB device using ohci and address 2

BUS_TYPE = (null)
Hotplug: device "loop2" is skipped.
BUS_TYPE = (null)
Hotplug: device "loop5" is skipped.
BUS_TYPE = (null)
Hotplug: device "loop6" is skipped.
BUS_TYPE = (null)
Hotplug: device "loop7" is skipped.
scsi0 : usb-storage 2-1:1.0
#####[cfyeh-debug] hub_events(3713) usb_plug_status 0
#####[cfyeh-debug] usb_stor_scan_thread(840) usb_plug_status 1
#@#[cfyeh-debug] usb_stor_scan_thread(850) waiting 5 sec for device to settle before scanning
  
```



- d.软体烧录过程中TV会出现进度条提示 (正屏panel显示为正常画面, 倒屏panel显示为倒立画面), 烧录完成TV会自动重启, 进入TV source (如果有U盘部分机种会自动进入USB主界面)
- e.按Menu+1999+recall ( Haier,Leader:Menu+8893)进入工厂菜单查看版本信息, 确认软体信息是否与软体名称SUNING\_LED-24E600\_CN\_RTD2648\_PCB5635-C\_TPM236H3\_HGJL02\_V2.09\_20120823\_3C7A.img中的信息一致



## 1. 按Tab键更新软体时报错

- a.检查U盘是否已连接至TV, U盘根目录下是否有install.img
- b.U盘不兼容, 更换U盘重新烧录
- c.没有执行设置升级软件名称为install.img指令

## 2. 连接Tool后无任何提示信息

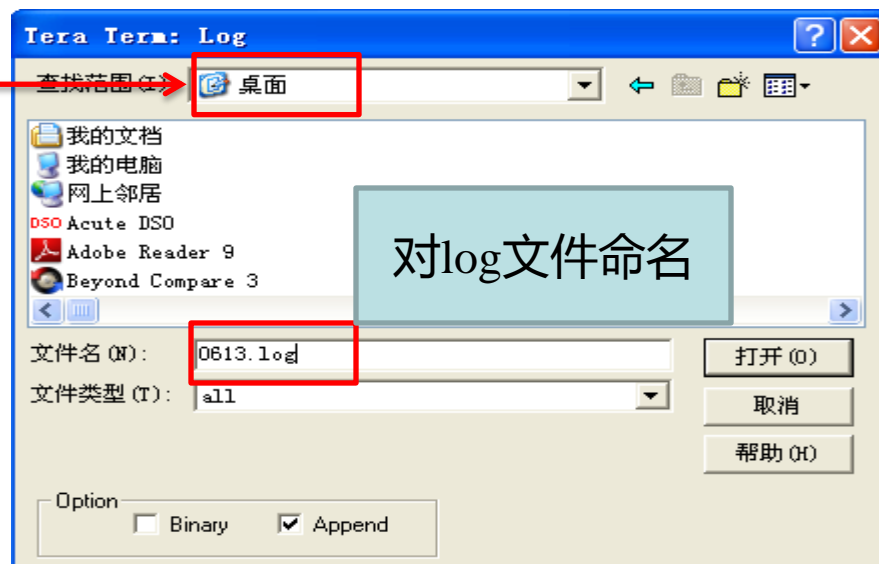
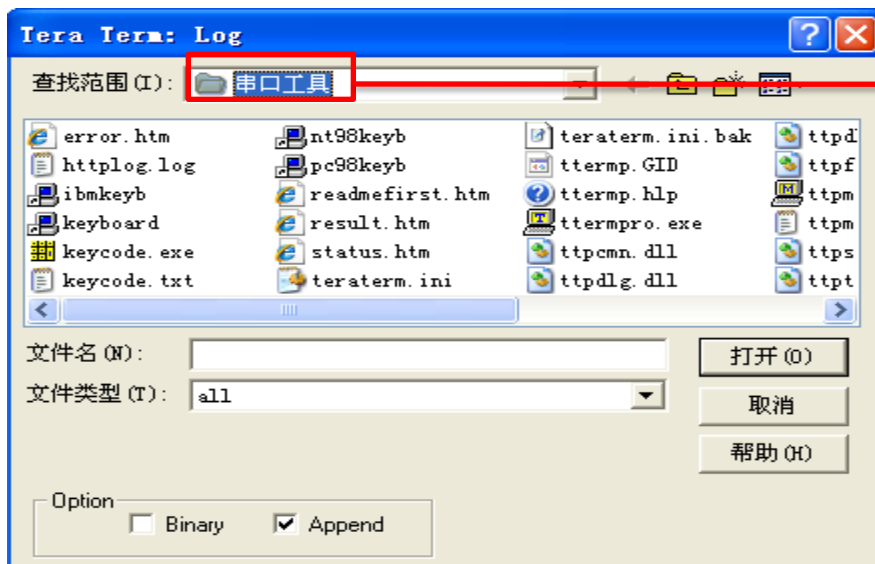
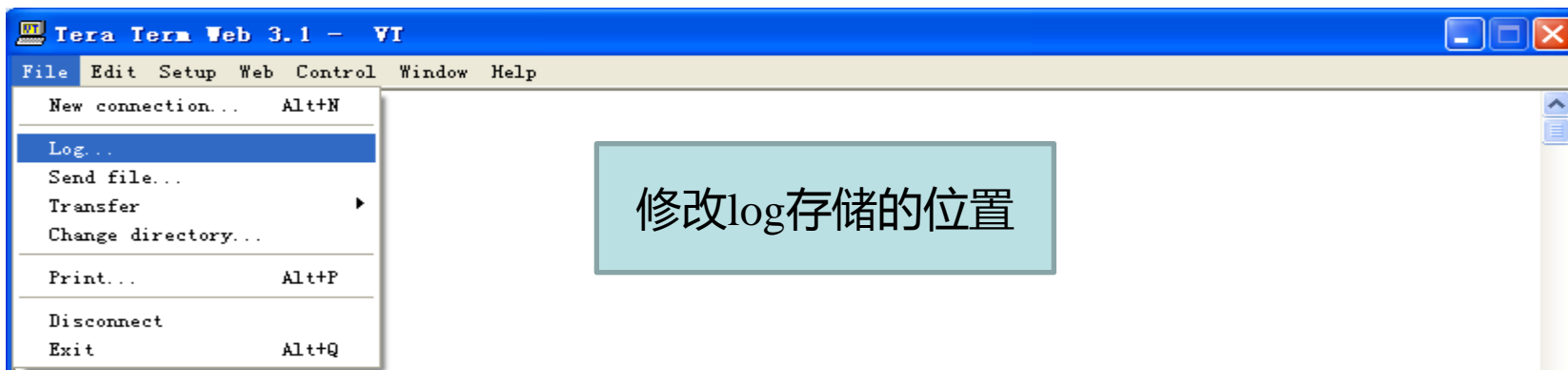
- a.检查Tool连线是否正确, 使用的线材是否正确
- b.串口是否已宕机, 重新插拔USB出口, 必要时重启PC
- c.TV 没有Bootloader, 需更新Bootloader, 参考5进行操作



# RTK Platform 录Log SOP

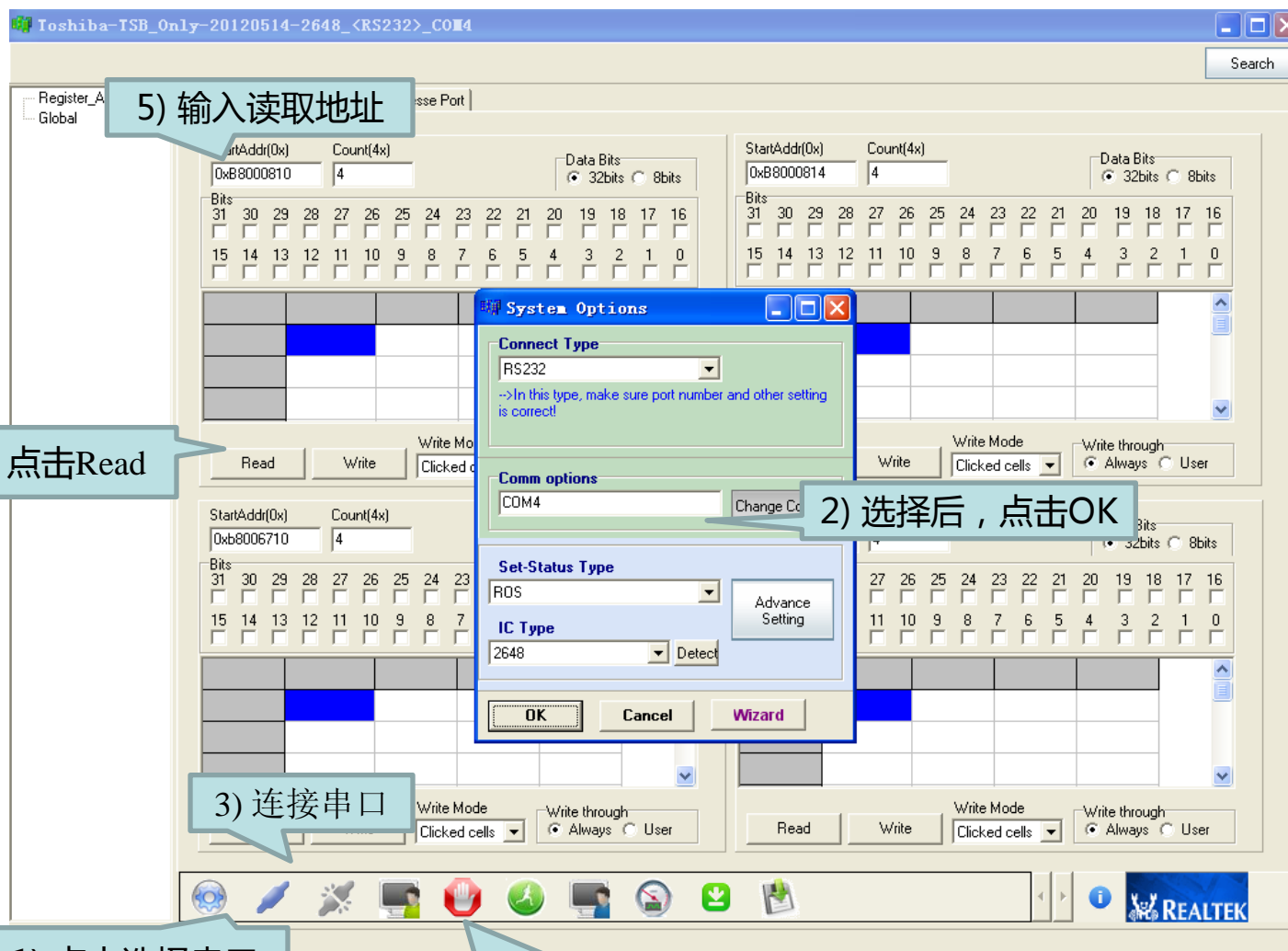
保存读取到的log,设置如下：

点击 File, 选取 log, 软件将进入串口工具界面, 在点击向下的箭头, 选择保存的位置, 如桌面, 在输入对应 log 的文件名, OK 后点击打开, 进入下一页界面





# RTK Platform 寄存器值读写



5) 输入读取地址

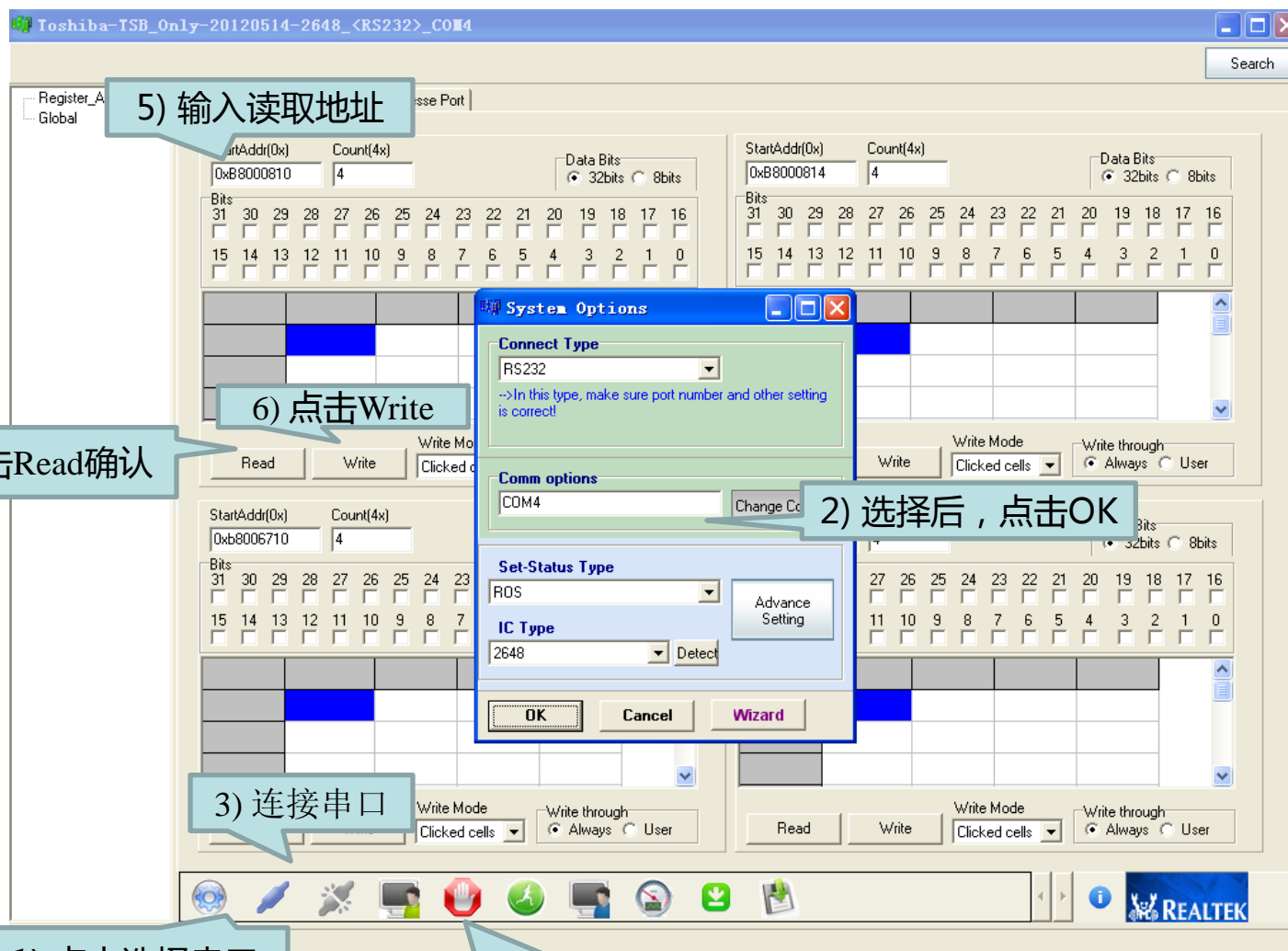
6) 点击Read

2) 选择后，点击OK

3) 连接串口

1) 点击选择串口

4) 停止运行程序



Thank you!



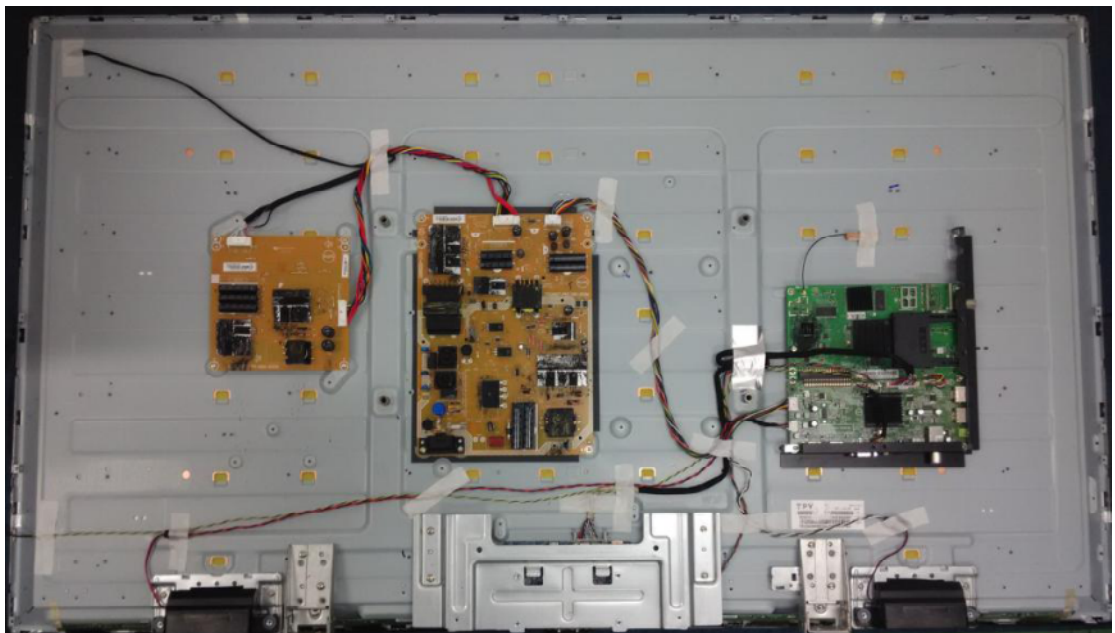
## 1. 正视图



## 2. 后视图



### 3. 内部结构图



| 版本  | 发布日期      | 变更说明   | 对外机种名        |
|-----|-----------|--------|--------------|
| A00 | 7/10/2015 | 首次发布   | 55HFA5857/T3 |
| A01 | 2/17/2016 | 能效等级变更 |              |

| 对内机种名           | Scalar                |
|-----------------|-----------------------|
| E55F4KNDBBP1NNX | RTD2634DD-GR LQFP 176 |
| E55F4KNDBBP3NNX | RTD2634DD-GR LQFP 176 |

| 屏                             | 主板板号               | 电源板板号              |
|-------------------------------|--------------------|--------------------|
| TPT550J1-HVN06.U S410B XM TPV | 715G6928M01000004T | 715G6607P02001002M |
| TPT550J1-HVN06.U S410B XM TPV | 715G6928M01000004T | 715G6607P02001002M |

| 升压板板号              | 按键板板号              | 遥控板板号              |
|--------------------|--------------------|--------------------|
| 715G6432P01000002H | 715G7088K01000004K | 715G7055R01000004Y |
| 715G6432P01000002H | 715G7088K01000004K | 715G7055R01000004Y |

| 级别 | 点位      | 组件                 | 对象描述                                    |
|----|---------|--------------------|---|
| 1  |         | 0M1G1730 6120      | SCREW M3 6                              |
| 1  | E317    | 317GAAMB619TMBJL00 | MAIN BOARD Hi3716M V300                 |
| 1  |         | Q02G707106000100H1 | BOLT                                    |
| 1  |         | 036T 600 18129     | NONWOVEN FABRTC                         |
| 1  |         | 041G 68508 A       | control card                            |
| 1  | Q051    | 051G 2 14          | FUSE GEL                                |
| 1  | E08902  | 089G 17356CY01     | RCA CABLE 100                           |
| 1  |         | 0M1G 130 6 47 CR3  | SCREW M3 6                              |
| 1  |         | 0M1G1030 6 47 CR3  | SCREW M3 6                              |
| 1  |         | 0M1G1740 10120     | SCREW M4 10                             |
| 1  |         | 0M1G1740 10120     | SCREW M4 10                             |
| 1  |         | 0Q1G 930 8 47 CR3  | SCREW                                   |
| 1  |         | 0Q1G1030 6 47 CR3  | SCREW M3 6                              |
| 1  | SP01    | 378G0110450CAA     | 6 OHM 11W 132x33mm 100mm BOX            |
| 1  | ECN601  | 395G801404WD41     | HARNESS 4P pitch2.0-2P pitch2.5+2P pitc |
| 1  | ECN9102 | 395G801414RC52     | HARNESS 13P pitch2.0-14P pitch2.0 380mm |
| 1  | ECN9102 | 395G801414XC52     | HARNESS 13P pitch2.0-14P pitch2.0 380mm |
| 1  | ECN702  | 395G801416DD32     | HARNESS 12P pitch2.0-16P pitch2.0 500mm |
| 1  | ECN108  | 395G802208WC09     | HARNESS 8P-8P 80MM                      |
| 1  | ECN404  | 395G802210DC14     | HARNESS 10P-10P 60                      |
| 1  | ECN107  | 395GH12506DT003000 | HARNESS 5P pitch1.25-6P pitch2.0 400mm  |
| 1  | ECN107  | 395GH12506HT003000 | HARNESS 5P pitch1.25-6P pitch2.0 400mm  |
| 1  | ECN405  | 395GH20010DT019000 | HARNESS 10p-5p+2p 600/1100              |
| 1  | ECN405  | 395GH20010RT019000 | HARNESS 10p-5p+2p 600/1100              |
| 1  | ECN402  | 395GLT5132R0070000 | LVDS CABLE 51P(0.5MM)-32P(2.0MM) 550MM  |
| 1  | RC01    | 398GR8BDBNCPHH     | REMOTE philips HOF-44K-GJ11789 chinese  |
| 1  |         | 708GVB020WPX01     | Ebony 40 ( 208 NA )                     |
| 1  | E750    | 750TBV550V64B8N000 | LCD TPT550J1-HVN06.U S410B XM TPV       |
| 1  |         | 756TXFCB0KD010000X | MCU ASSY                                |
| 1  |         | ADTVE1220XB8       | ADAPTER BOARD NA                        |
| 1  |         | CBPFKLDX3          | CONVERSION BOARD 715G6928M0C0000040     |
| 1  |         | IRPFFAA9           | IR BOARD                                |
| 1  |         | KEPFEEA9           | KEY BOARD                               |
| 1  |         | LNTVEW661XXA6      | CONVERTER BOARD --                      |
| 1  | E750    | LVA550HVN06ACL2P0X | PANEL TPT550J1-HVN06.U S410B XM TPV     |
| 1  |         | P33E0738XJL01T0100 | KEY_FUNCTION                            |
| 1  |         | P33E0756ALDZ1C0100 | DECO_LOGO                               |
| 1  |         | P33E0757ADT01L0100 | DECO_REAR_COVER                         |
| 1  |         | P34E23680GM0FK0400 | REAR_COVER NA                           |
| 1  |         | P34E2486ADT02L0200 | BASE NA                                 |
| 1  |         | P40GD000813 9A     | A4 PALLET LABEL -for A4 paper           |
| 1  |         | Q11G701100500100JY | PCB-SUPPORT D2.9xH14.97                 |
| 1  |         | Q12G6300 25 1      | FOOT PAD                                |
| 1  | EQ52C1  | Q12G714001200100HK | HEAT PAD                                |
| 1  |         | Q40G0001624 4A     | 产线需求的栈板LABEL                            |
| 1  |         | Q44T3231 21 11     | EVA WASHER                              |
| 1  |         | Q45G88010TV05500WN | PROTECT BAG                             |
| 1  |         | Q45G88010TV12000WN | PROTECT BAG 1200*1600                   |
| 1  |         | Q49G 51500 HF      | panel清洁剂                                |

|   |        |                    |   |
|---|--------|--------------------|---|
| 1 |        | Q50G 500 TV005     | CABLE TIE                               |
| 1 | Q052   | Q52G100203000A00ZA | AL FOIL                                 |
| 1 |        | Q52G130118600000YY | TAPE                                    |
| 1 |        | Q52G1501150523AWBK | TAPE_INSULATING                         |
| 1 |        | Q52G160119100A00YY | TAPE                                    |
| 1 |        | X15T966610100000BL | BKT_BASE                                |
| 1 |        | X15T966870100000LH | BKT_IO                                  |
| 1 |        | X15T9669201000GMLH | BKT_IO                                  |
| 1 |        | X15T968010100000NP | BKT_STAND                               |
| 1 |        | X15T968110100000NP | BKT_STAND                               |
| 1 |        | X15T984710100000GH | BKT_STAND                               |
| 1 |        | X15T986310100000GH | BKT_SPEAKER                             |
| 1 |        | X40G2015055X1600ZA | LABEL IO                                |
| 1 |        | X40G2015055X1700XY | LABEL IO                                |
| 1 |        | X44GVB021010FA     | CUSHION-TL N/A China(2002)              |
| 1 |        | X44GVB022010FA     | CUSHION-B N/A China(2002)               |
| 1 |        | X44GVB023010FA     | CUSHION-BL N/A China(2002)              |
| 1 |        | X44GVB024010FA     | CUSHION-BR N/A China(2002)              |
| 1 |        | X44GVB02501EPE     | CUSHION N/A China(2002)                 |
| 1 |        | X44GVB0281302A00JA | ARTWORK CARTON Ebony 55HFA5857/T3 chin  |
| 1 |        | X52G18012660000ALF | INSULATING SHEET                        |
| 1 |        | 0M1G1740 18120 H1  | SCREW M4 18                             |
| 1 | 317G02 | 317GARFM008TCL     | RF MODULE GL03-2-E                      |
| 1 | E08901 | 389G214A15NHLL     | AC POWER CORD 1500 for China            |
| 1 | BT01   | 392GB1JA1A3E2C     | BATTERY 1.5V 2P LR03(KA)2S/G            |
| 1 |        | Q45G88010TV05600X1 | PROTECT BAG                             |
| 1 |        | X41G43MV81302B     | MANUAL 32HHA5857 43_49_55HFA5857/T3 DFU |
| 1 |        | X41G43SV81308A     | QSG 32HHA5857/T3 43_49_55HFA5857/T3 HTV |
| 1 |        | X41G78DV81311D     | WARRANTY CARD TPV address china         |
| 1 |        | X52G200124700000BK | TAPE                                    |
| 1 |        | 040G 58162435A     | MANUAL P/N LABEL                        |
| 1 |        | Q40G000162492A     | CEL LABEL FOR TV MODEL G3/1.3/0.5       |
| 1 |        | X40G0001624 2A     | Label for screw pe bag                  |
| 1 |        | X40G000181310C     | CARTON LABEL                            |
| 1 |        | X40G055081371A     | RATING LABEL 55HFA5857/T3               |
| 1 |        | Z40G0002ALL01A     | OTHER LABEL                             |
| 1 |        | 0M1G1730 8120      | SCREW M3 8                              |
| 1 | E317   | 317GAAMB619TMBJL02 | MAIN BOARD Hi3716M V300                 |
| 1 |        | 708GVB020WPX01     | Ebony 40 ( 208 NA )                     |
| 2 |        | Q07G010513802C00BL | WOOD PALLET                             |
| 2 |        | Q07G012313802C00BL | WOOD PALLET                             |
| 2 |        | Q44G6002134101     | PAPER BOARD                             |
| 2 |        | Q44G6002137120     | PAPER BOARD                             |
| 2 |        | Q44G9003180        | CORNER PAPER                            |
| 2 |        | Q45G 77 5          | PE PACKING                              |
| 2 |        | Q50G 4 10          | TIE (Y1900221)                          |
| 2 |        | Q52G1301 9         | BIG TAPE FOR PHILIPS                    |
| 2 |        | X44G6002CP521A     | PAPER CAP5                              |
| 2 |        | X44G6002CP551A     | PAPER CAP5                              |
| 1 |        | 756TXFCB0KD010000X | MCU ASSY                                |



|   |           |                    |  |
|---|-----------|--------------------|--|
| 2 | SMTF-U402 | 100TPRVS011DTX     | PHP 55HFA5857/T3 FLASH NA NA             |
| 2 | U402      | 356G2233128600     | FLASH MX25L12835FM2I-10G 128Mb SOP-8(20  |
| 1 |           | ADTVE1220XB8       | ADAPTER BOARD NA                         |
| 2 |           | Z40G0002ALL01A     | OTHER LABEL                              |
| 2 | CN9102    | 033G380214B YH     | WAFER 2.0mm 14P W2015-14RVA-S01          |
| 2 | IC9104    | 056G 139 9         | IC EL817M(X) photocoupler DIP-4          |
| 2 | IC9304    | 056G 139 9         | IC EL817M(X) photocoupler DIP-4          |
| 2 | IC9102    | 056G 139 9         | IC EL817M(X) photocoupler DIP-4          |
| 2 | Q9105     | 057G 667929        | MOSFET AOTF8N50 8A 500V TO-220FP         |
| 2 | Q9106     | 057G 667929        | MOSFET AOTF8N50 8A 500V TO-220FP         |
| 2 | C9906     | 063G107M47410M     | CAP X2 470NF 20% 275V R46KI3470HAP1M     |
| 2 | C9905     | 063G107M47410M     | CAP X2 470NF 20% 275V R46KI3470HAP1M     |
| 2 | C9131     | 067G215Z102 6K     | LOW ESR EC 1000uF M 35V 10*35mm          |
| 2 | C9117     | 067G215Z102 6K     | LOW ESR EC 1000uF M 35V 10*35mm          |
| 2 | C9307     | 067G215Z152 6K     | EC 1500UF 20% 35V 10*40 5000 hr          |
| 2 | C9306     | 067G215Z152 6K     | EC 1500UF 20% 35V 10*40 5000 hr          |
| 2 | FB9801    | 071G 55906         | FERRITE CORE 510R C8B R6H 6x9.2(A)       |
| 2 | L9103     | 073G 253191 HP     | CHOKE COIL 1.1uH VOC                     |
| 2 | L9103     | 073G 253191 LP     | CHOKE COIL 1.1uH VOC                     |
| 2 | CN9901    | 087G 50147D HC HF  | AC R/A 2P 12.81mm                        |
| 2 | D9801     | 093G 52918         | RECTIFIER 1N5408G-04 X0 3A 1000V DO201AD |
| 2 | FORCN9901 | 0Q1G 340 8140      | SCREW Q1-SELF TAPING SCREW :Q x8.0       |
| 2 | CN9101    | 311GW200C16BBX     | ONN 2.0mm 16P R/A W2010-16RVA-S04,B200   |
| 2 | RV9901    | 361G0046681KZE     | VARISTOR 680V 10%                        |
| 2 | NR9901    | 361G0058259MYW006A | NTCR 2.5R 20% 3.1W SCK132R56MTY504       |
| 2 | NR9902    | 361G0058259MYW006A | NTCR 2.5R 20% 3.1W SCK132R56MTY504       |
| 2 | R9808     | 361G3SWJ10859B00TZ | RST NWR 0.1R 5% 3W NKNP3WS0R1JMS10       |
| 2 | C9801     | 363G210K105GZP     | CAP MPP 1uF 10% 450V 18.1*12.6*8.5 ECWF  |
| 2 | C9111     | 363G211J2235HA     | CAP MPP 22nF 5% 1KV 18*5*11 R75QI2220HA0 |
| 2 | C9812     | 367G215X680PKZ000S | EC 68uF 20% 450V 12.5*50 2000 hr 620mA   |
| 2 | C9811     | 367G215X680PKZ000S | EC 68uF 20% 450V 12.5*50 2000 hr 620mA   |
| 2 | L9903     | 373G0174301H00     | LINE FILTER 0.25mH MIN 2A LCL-11010 HA   |
| 2 | L9903     | 373G0174301X00     | LINE FILTER 0.25mH MIN 2A 3LFT1064-251M  |
| 2 | L9901     | 373G0174303H00     | LINE FILTER 18mH MIN 1.26A LCL-11822 HA  |
| 2 | L9902     | 373G0174303H00     | LINE FILTER 18mH MIN 1.26A LCL-11822 HA  |
| 2 | L9902     | 373G0174303X00     | LINE FILTER 18mH MIN 1.26 3LFT18106-183  |
| 2 | L9901     | 373G0174303X00     | LINE FILTER 18mH MIN 1.26 3LFT18106-183  |
| 2 | L9801     | 373G0174308H01     | PFC CHOKE 220uH 10% 2A GL-13240 HA       |
| 2 | L9801     | 373G0174308X01     | PFC CHOKE 220uH 10% 2A 3TRATQ32-221K     |
| 2 | L9302     | 373G0253247H00     | CHOKE COIL 3UH 15% DR8*8 5A              |
| 2 | L9301     | 373G0253247H00     | CHOKE COIL 3UH 15% DR8*8 5A              |
| 2 | L9302     | 373G0253247X00     | CHOKE COIL 3UH 15% DR8*8 5A              |
| 2 | L9301     | 373G0253247X00     | CHOKE COIL 3UH 15% DR8*8 5A              |
| 2 | T9301     | 380GL32P141H03     | X'FMR 360uH 10% 5uH ER31 BCK-13142-HA1   |
| 2 | T9101     | 380GL52P186H00     | X'FMR 830uH 12% 160uH EE42 BCK-14234-H   |
| 2 | T9101     | 380GL52P186YS0     | X'FMR 830uH 12% 160uH EE42 YS04160730    |
| 2 | BD9902    | 393G0050460600     | BRIDGE TS10P06G-04 10A 800V TS-6P        |
| 2 |           | 705TAD84023        | F9901                                    |
| 2 |           | 705TAD93119        | Q9801&Q9802                              |
| 2 |           | 705TAD93120        | Q9301                                    |

|   |        |                    |   |
|---|--------|--------------------|---|
| 2 |        | 705TAD93121        | Q9303                                   |
| 2 |        | 705TXE93083        | D9103&D9104 ASSY                        |
| 2 |        | ADE1220XB8SMT      | ADAPTER BOARD FOR SMT                   |
| 1 |        | CBPFEKLDX3         | CONVERSION BOARD 715G6928M0C0000040     |
| 2 | C632   | 067G315M1016KV     | EC 100UF 20% 35V 8*7                    |
| 2 | C633   | 067G315M1016KV     | EC 100UF 20% 35V 8*7                    |
| 2 | CN651  | 088G 30288C        | PHONE JACK 3P GREEN - 1 1               |
| 2 | CN102  | 088G 30288C        | PHONE JACK 3P GREEN - 1 1               |
| 2 | CN107  | 088G352F6B3ACL     | USB A TYPE R/A 6P BLACK H=8.4           |
| 2 | CN104  | 088G353GFF1AXH     | D-SUB CONN 15P BLUE - R/A 10            |
| 2 | CN403  | 311GB254J40ABX     | PIN HEADER 2.54mm 40P R/A H2530-40R4VB- |
| 2 | CN601  | 311GW200A04ABX     | WAFER 2.0mm 4P                          |
| 2 | CN405  | 311GW200C10AAL     | WAFER 2.0mm 10P                         |
| 2 | CN702  | 311GW200C12BBX     | CONN 2.0mm 12P R/A W2010-12RVA-S04      |
| 2 | CN402  | 311GW200C32AAL     | WAFER 2.0mm 32P                         |
| 2 | CN111  | 388G302F5B1ACL     | PHONE JACK R/A 5P 1*1 BLACK 8.5mm       |
| 2 | CN109  | 388G342G8B1AGN     | RJ45 R/A 8P 1+1 TWO LAYER W 9.5         |
| 2 | CN110  | 388G342G8B1AGN     | RJ45 R/A 8P 1+1 TWO LAYER W 9.5         |
| 2 | TU101  | 394GNPALALL26L     | TUNER CHINA ST18WM-2-E                  |
| 2 |        | SMTFEKLDX3         | MAIN BOARD FOR SMT                      |
| 2 | HS401  | X90G8014 1         | HEAT SINK                               |
| 1 |        | IRPFFAA9           | IR BOARD                                |
| 2 |        | SMTIRPFFAA9        | IR BOARD FOR SMT                        |
| 1 |        | KEPFEEA9           | KEY BOARD                               |
| 2 |        | SMTKEPFEEA9        | KEY BOARD FOR SMT                       |
| 1 |        | LNTVEW661XXA6      | CONVERTER BOARD --                      |
| 2 |        | Z40G0002ALL01A     | OTHER LABEL                             |
| 2 | CN8102 | 033G380212B YH     | wafer 12P 2.0 DIP                       |
| 2 | CN8101 | 033G380213B YH     | AFER 2.0mm 13P                          |
| 2 | C8105  | 067G515Z271 9K     | EC 270UF 20% 100V 10*40 5000 hr         |
| 2 | C8107  | 067G515Z271 9K     | EC 270UF 20% 100V 10*40 5000 hr         |
| 2 | C8106  | 067G515Z271 9K     | EC 270UF 20% 100V 10*40 5000 hr         |
| 2 | C8102  | 367G415X3317KT     | EC 330UF 20% 50V 12.5*12                |
| 2 | C8101  | 367G415X3317KT     | EC 330UF 20% 50V 12.5*12                |
| 2 | L8101  | 373G0253353X00     | BOOST CHOKE 33uH 10% 4A 3LCEQ2513-330K  |
| 2 |        | 705TXD57224        | Q8101                                   |
| 2 |        | 705TXD93200        | D8101                                   |
| 2 |        | LNEW661XXA6SMT     | CONVERTER BOARD FOR SMT                 |
| 2 |        | 705TAD84023        | F9901                                   |
| 3 | EF9901 | 084G 34 14         | bSE -- -- --                            |
| 3 | F9901  | 084G 41 7 C        | FUSE 5A 250V UDA005(PF)                 |
| 2 |        | 705TAD93119        | Q9801&Q9802                             |
| 3 | Q9801  | 057G 667954        | MOSFET TK18A60V 18A 600V SC-67          |
| 3 | D9802  | 093G 52905         | DIODE FMNS-1106S TO-220                 |
| 3 |        | 0M1G1730 8120      | SCREW M3 8                              |
| 3 | HS9801 | Q90T0236002A0000HG | HEAT SINK                               |
| 2 |        | 705TAD93120        | Q9301                                   |
| 3 | Q9301  | 057G 667931        | MOSFET AOTF8N65 8A 650V TO-220FP        |
| 3 |        | 0M1G1730 8120      | SCREW M3 8                              |
| 3 | HS9301 | Q90G0219 4         | HEAT SINK Đ12Ä/Profile                  |

|   |        |                    |   |
|---|--------|--------------------|---|
| 2 |        | 705TAD93121        | Q9303                                   |
| 3 |        | 0M1G1730 8120      | SCREW M3 8                              |
| 3 | Q9303  | 357G0600100020     | MOSFET AOTF298L 33A 100V TO-220F        |
| 3 | HS9303 | Q90T0236001A0000HG | HEAT SINK                               |
| 2 |        | 705TXE93083        | D9103&D9104 ASSY                        |
| 3 | D9103  | 093G 60247         | ME-220A                                 |
| 3 | D9104  | 093G 60247         | ME-220A                                 |
| 3 |        | 0M1G1730 8120      | SCREW M3 8                              |
| 3 | HS9103 | Q90T0236003A0000HG | HEAT SINK                               |
| 2 |        | ADE1220XB8SMT      | ADAPTER BOARD FOR SMT                   |
| 3 | IC9305 | 056G 158501        | DC/DC AS431ANTR-E1 150mA 40V SOT23-3    |
| 3 | IC9101 | 056G 379211        | AC/DC SSC9522S-TL SOP-18                |
| 3 | Q9103  | 057G 417517        | Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC |
| 3 | Q9104  | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |
| 3 | Q9101  | 057G 419912 T      | RANSISTOR 2SD1624T-TD-E PCP             |
| 3 | R9148  | 061G0805000 JF     | RST CHIPR 0 OHM +-5% 1/8W FENGHUA       |
| 3 | R9162  | 061G0805000 JT     | RST 0805 0.05R MAX 1/8W                 |
| 3 | R9802  | 061G0805100 JF     | RST CHIPR 10 OHM +-5% 1/8W FENGHUA      |
| 3 | R9109  | 061G0805100 JT     | RST CHIP 10R 1/8W 5% TZAI YUAN          |
| 3 | R9311  | 061G0805100 JT     | RST CHIP 10R 1/8W 5% TZAI YUAN          |
| 3 | R9133  | 061G08051001FT     | RST CHIP 1K 1/8W 1%                     |
| 3 | R9332  | 061G08051001FT     | RST CHIP 1K 1/8W 1%                     |
| 3 | R9137  | 061G08051001FT     | RST CHIP 1K 1/8W 1%                     |
| 3 | R9156  | 061G08051002FT     | RST CHIP 10K 1/8W 1%                    |
| 3 | R9152  | 061G08051002FT     | RST CHIP 10K 1/8W 1%                    |
| 3 | R9151  | 061G08051009FT     | RST CHIP R 10ohm +/-1% 1/8W             |
| 3 | R9150  | 061G08051009FT     | RST CHIP R 10ohm +/-1% 1/8W             |
| 3 | R9810  | 061G0805102 JF     | RST CHIPR 1K OHM +-5% 1/8W FENGHUA      |
| 3 | R9134  | 061G0805102 JT     | RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN   |
| 3 | R9806  | 061G0805103 JF     | RST CHIPR 10K OHM +-5% 1/8W FENGHUA     |
| 3 | R9813  | 061G0805103 JF     | RST CHIPR 10K OHM +-5% 1/8W FENGHUA     |
| 3 | R9314  | 061G0805103 JT     | RST 0805 10K 5% 1/8W                    |
| 3 | R9341  | 061G08051200FT     | RST CHIP 120R 1/8W 1%                   |
| 3 | R9103  | 061G08051600FF     | RST 0805 160R 1% 1/8W FENGHUA           |
| 3 | R9127  | 061G08051802FT     | RST 0805 18K 1% 1/8W                    |
| 3 | R9116  | 061G08051802FY     | RST CHIP 18K 1/8W 1%                    |
| 3 | R9811  | 061G08051912FT     | RST CHIPR 19K1 +-1% 1/8W TZAI YUAN      |
| 3 | R9128  | 061G0805202 JF     | RST CHIPR 2KOHM +-5% 1/8W FENGHUA       |
| 3 | R9814  | 061G0805202 JF     | RST CHIPR 2KOHM +-5% 1/8W FENGHUA       |
| 3 | R9136  | 061G0805202 JT     | RST CHIP 2K 1/8W 5% TZAI YUAN           |
| 3 | R9122  | 061G08052101FT     | RST CHIPR 2.1KOHM +-1% 1/8W TZAI YUAN   |
| 3 | R9340  | 061G08052201FT     | CHIP 2K2 1/8W 1%                        |
| 3 | R9312  | 061G08052209FT     | RST 0805 22R 1% 1/8W                    |
| 3 | R9112  | 061G0805229 JF     | RST CHIPR 2R2 +-5% 1/8W FENGHUA         |
| 3 | R9120  | 061G0805242 JF     | RST CHIPR 2.4KOHM +-5% 1/8W FENGHUA     |
| 3 | R9163  | 061G08052431FT     | RST CHIP 2K43 1/8W 1%                   |
| 3 | R9118  | 061G0805302 JY     | RST CHIPR 3K +-5% 1/8W YAGEO            |
| 3 | R9803  | 061G0805330 JT     | RST CHIP 33R 1/8W 5% TZAI YUAN          |
| 3 | R9812  | 061G0805363 JF     | ST CHIPR 36KOHM +-5% 1/8W FENGHUA       |
| 3 | R9119  | 061G08054701FT     | RST CHIP 4K7 1/8W 1%                    |

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| 3 | R9117 | 061G0805471 JF   | RST CHIPR 470 OHM +-5% 1/8W FENGHUA    |
| 3 | R9328 | 061G0805472 JT   | RST CHIPR 4K7 +-5% 1/8W TZAI YUAN      |
| 3 | R9130 | 061G0805514 JF   | ST CHIPR 510KOHM +-5% 1/8W FENGHUA     |
| 3 | R9149 | 061G0805820 JY   | RST CHIP R 82ohm 1/8W +/-5% YAGEO      |
| 3 | R9154 | 061G0805820 JY   | RST CHIP R 82ohm 1/8W +/-5% YAGEO      |
| 3 | R9329 | 061G08059101FT   | RST CHIP 9K1 1/8W 1%                   |
| 3 | JR903 | 061G1206000 JT   | RST CHIPR MAX0R05 1/4W TZAI YUAN       |
| 3 | JR907 | 061G1206000 JT   | RST CHIPR MAX0R05 1/4W TZAI YUAN       |
| 3 | JR906 | 061G1206000 JT   | RST CHIPR MAX0R05 1/4W TZAI YUAN       |
| 3 | JR904 | 061G1206000 JT   | RST CHIPR MAX0R05 1/4W TZAI YUAN       |
| 3 | JR901 | 061G1206000 JT   | RST CHIPR MAX0R05 1/4W TZAI YUAN       |
| 3 | JR902 | 061G1206000 JT   | RST CHIPR MAX0R05 1/4W TZAI YUAN       |
| 3 | JR905 | 061G1206000 JT   | RST CHIPR MAX0R05 1/4W TZAI YUAN       |
| 3 | R9308 | 061G1206100 JT   | RST CHIPR 10 OHM +-5% 1/4W TZAI YUAN   |
| 3 | R9804 | 061G12061004FF E | RST CHIP 1M 1% 1/4W 500V FENGHUA       |
| 3 | R9809 | 061G12061004FF E | RST CHIP 1M 1% 1/4W 500V FENGHUA       |
| 3 | R9807 | 061G12061004FF E | RST CHIP 1M 1% 1/4W 500V FENGHUA       |
| 3 | R9131 | 061G1206101 JF   | RST CHIPR 100 OHM +-5% 1/4W FENGHUA    |
| 3 | R9132 | 061G1206101 JF   | RST CHIPR 100 OHM +-5% 1/4W FENGHUA    |
| 3 | R9102 | 061G1206101 JT   | RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN  |
| 3 | R9101 | 061G1206101 JT   | RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN  |
| 3 | R9129 | 061G1206102 JF   | RST CHIPR 1KOHM +-5% 1/4W FENGHUA      |
| 3 | R9324 | 061G1206103 JT   | RST CHIPR 10KOHM +-5% 1/4W TZAI YUAN   |
| 3 | R9138 | 061G1206104 JT   | RST CHIPR 100KOHM +-5% 1/4W TZAI YUAN  |
| 3 | R9143 | 061G1206123 JF   | RST CHIPR 12KOHM +-5% 1/4W FENGHUA     |
| 3 | R9141 | 061G1206123 JF   | RST CHIPR 12KOHM +-5% 1/4W FENGHUA     |
| 3 | R9124 | 061G1206123 JF   | RST CHIPR 12KOHM +-5% 1/4W FENGHUA     |
| 3 | R9139 | 061G1206123 JF   | RST CHIPR 12KOHM +-5% 1/4W FENGHUA     |
| 3 | R9142 | 061G1206123 JF   | RST CHIPR 12KOHM +-5% 1/4W FENGHUA     |
| 3 | R9327 | 061G12061501FF   | RST CHIPR 1.5KOHM +-1% 1/4W FENGHUA    |
| 3 | R9113 | 061G12061504FT   | RST CHIP 1M5 1/4W 1%                   |
| 3 | R9115 | 061G12061504FT   | RST CHIP 1M5 1/4W 1%                   |
| 3 | R9114 | 061G12061504FT   | RST CHIP 1M5 1/4W 1%                   |
| 3 | R9316 | 061G1206201 JT   | RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN  |
| 3 | R9315 | 061G1206201 JT   | RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN  |
| 3 | R9322 | 061G1206201 JT   | RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN  |
| 3 | R9320 | 061G1206201 JT   | RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN  |
| 3 | R9323 | 061G1206201 JT   | RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN  |
| 3 | R9319 | 061G1206201 JT   | RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN  |
| 3 | R9805 | 061G1206203 JF   | RST CHIPR 20KOHM +-5% 1/4W FENGHUA     |
| 3 | R9305 | 061G12062202FT   | RST 1206 22K 1% 1/4W TZAI YUAN         |
| 3 | R9318 | 061G1206471 JT   | ST CHIPR 470 OHM +-5% 1/4W TZAI YUAN   |
| 3 | R9303 | 061G1206479 JT   | RST 1206 4.7R 5% 1/4W                  |
| 3 | R9309 | 061G1206479 JT   | RST 1206 4.7R 5% 1/4W                  |
| 3 | R9310 | 061G1206512 JT   | RST CHIPR 5.1 KOHM +-5% 1/4W TZAI YUAN |
| 3 | R9325 | 061G1206512 JT   | RST CHIPR 5.1 KOHM +-5% 1/4W TZAI YUAN |
| 3 | R9905 | 061G1206514 JF E | RST CHIP 510K 5% 1/4W 500V FENGHUA     |
| 3 | R9904 | 061G1206514 JF E | RST CHIP 510K 5% 1/4W 500V FENGHUA     |
| 3 | R9903 | 061G1206514 JF E | RST CHIP 510K 5% 1/4W 500V FENGHUA     |
| 3 | R9902 | 061G1206514 JF E | RST CHIP 510K 5% 1/4W 500V FENGHUA     |

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| 3 | R9105  | 061G1206561 JT     | RST CHIPR 560 OHM +-5% 1/4W TZAI YUAN   |
| 3 | C9316  | 065G080510131J Y   | CAP CHIP 0805 100P 50V NPO +/-5%        |
| 3 | C9315  | 065G080510131J Y   | CAP CHIP 0805 100P 50V NPO +/-5%        |
| 3 | C9322  | 065G080510232K Y   | CAP CHIP 0805 1N 50V X7R +/-10%         |
| 3 | C9102  | 065G080510232K Y   | CAP CHIP 0805 1N 50V X7R +/-10%         |
| 3 | C9323  | 065G080510232K Y   | CAP CHIP 0805 1N 50V X7R +/-10%         |
| 3 | C9101  | 065G080510232K Y   | CAP CHIP 0805 1N 50V X7R +/-10%         |
| 3 | C9320  | 065G080510432K F   | CAP CHIP 0805 0.1UF K 50V X7R           |
| 3 | C9113  | 065G080510432K F   | CAP CHIP 0805 0.1UF K 50V X7R           |
| 3 | C9318  | 065G080510432K F   | CAP CHIP 0805 0.1UF K 50V X7R           |
| 3 | C9119  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |
| 3 | C9135  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |
| 3 | C9806  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |
| 3 | C9137  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |
| 3 | C9128  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |
| 3 | C9123  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |
| 3 | C9108  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |
| 3 | C9144  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |
| 3 | C9314  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |
| 3 | C9302  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |
| 3 | C9337  | 065G080510532K M   | CAP 0805 1UF 10% 50V X7R                |
| 3 | C9141  | 065G080510532K M   | CAP 0805 1UF 10% 50V X7R                |
| 3 | C9145  | 065G080510532K M   | CAP 0805 1UF 10% 50V X7R                |
| 3 | C9143  | 065G080510532K M   | CAP 0805 1UF 10% 50V X7R                |
| 3 | C9312  | 065G080510532K M   | CAP 0805 1UF 10% 50V X7R                |
| 3 | C9134  | 065G080510532K M   | CAP 0805 1UF 10% 50V X7R                |
| 3 | C9313  | 065G080510532K M   | CAP 0805 1UF 10% 50V X7R                |
| 3 | C9807  | 065G080522131J F   | CAP CHIP 0805 220PF J 50V NPO           |
| 3 | C9109  | 065G080522131J M   | CAP 0805 220PF 5% 50V NPO               |
| 3 | C9129  | 065G080522432K T   | CAP 0805 220nF 10% 50V X7R UMK212 B7224 |
| 3 | C9132  | 065G080522432K T   | CAP 0805 220nF 10% 50V X7R UMK212 B7224 |
| 3 | C9130  | 065G080522432K T   | CAP 0805 220nF 10% 50V X7R UMK212 B7224 |
| 3 | C9133  | 065G080522432K T   | CAP 0805 220nF 10% 50V X7R UMK212 B7224 |
| 3 | C9116  | 065G080522432K T   | CAP 0805 220nF 10% 50V X7R UMK212 B7224 |
| 3 | C9138  | 065G080522432K T   | CAP 0805 220nF 10% 50V X7R UMK212 B7224 |
| 3 | C9329  | 065G080522432K Y   | CAP CHIP 0805 220N 50V X7R +/-10%       |
| 3 | C9804  | 065G080547031J Y   | AP CHIP 0805 47P 50V NPO +/-5%          |
| 3 | C9106  | 065G080547031J Y   | AP CHIP 0805 47P 50V NPO +/-5%          |
| 3 | C9808  | 065G080547031J Y   | AP CHIP 0805 47P 50V NPO +/-5%          |
| 3 | C9324  | 065G080547131J Y   | CAP CHIP 0805 470P 50V NPO +/-5%        |
| 3 | C9326  | 065G080547232K A   | CAP 0805 4.7NF 10% 50V X7R              |
| 3 | C9809  | 065G080547332K Y   | CAP CHIP 0805 47N 50V X7R +/-10%        |
| 3 | C9810  | 065G080547432K T   | CAP CHIP 0805 0.47UF K 50V X7R          |
| 3 | C9142  | 065G0805475A2K T   | CAP CHIP 0805 4.7uF K 10V X7R           |
| 3 | C9139  | 065G080556131J Y   | CAP CHIP 0805 560P 50V NPO +/-5%        |
| 3 | IC9305 | 356G01585020HF     | Shunt Regu TL431G-AE2-R SOT23-3         |
| 3 | IC9801 | 356G0379008218     | PFC LD7591T GS SOP-8                    |
| 3 | IC9301 | 356G0379213        | AC/DC SSC2S110 SOP-8                    |
| 3 | IC9302 | 356GD563008152000Z | DC/DC SP6018S8RGB 1A 16V SOP-8          |
| 3 | Q9102  | 357G07630620HF     | HF MOSFET 2N7002K_R1_00001 0.3A 60V     |

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| 3 | R9901  | 361G12069103FT     | RST 1206 910K 1% 1/4W RC1206FR-07910KL, |
| 3 | R9906  | 361G12069103FT     | RST 1206 910K 1% 1/4W RC1206FR-07910KL, |
| 3 | D9109  | 393G006432S0HF     | SWITCHING 1N4148W 0.15A 75V SOD-123     |
| 3 | ZD9107 | 393G039S95200T00HF | HF BZT52-B6V2_R1_00001 6.2V 0.41W       |
| 3 | ZD9106 | 393G039S95200T00HF | HF BZT52-B6V2_R1_00001 6.2V 0.41W       |
| 3 | ZD9302 | 393G039SA1300T     | ZENER BZT52-B39_R1_00001 39V 0.41W      |
| 3 | ZD9301 | 393G039SA1300T     | ZENER BZT52-B39_R1_00001 39V 0.41W      |
| 3 | ZD9103 | 393G039SA2900T     | ZENER BZT52-B15 15V 0.41 SOD-123        |
| 3 | ZD9101 | 393G039SA2900T     | ZENER BZT52-B15 15V 0.41 SOD-123        |
| 3 | ZD9105 | 393G039SA2900T     | ZENER BZT52-B15 15V 0.41 SOD-123        |
| 3 | D9113  | 393G060S50000T00HF | HF SS1060FL_R1_00001 1A 60V SOD123FL    |
| 3 | D9302  | 393G060S50000T00HF | HF SS1060FL_R1_00001 1A 60V SOD123FL    |
| 3 | D9110  | 393G060S50000T00HF | HF SS1060FL_R1_00001 1A 60V SOD123FL    |
| 3 | D9107  | 393G060S50000T00HF | HF SS1060FL_R1_00001 1A 60V SOD123FL    |
| 3 | D9803  | 393G060S50000T00HF | HF SS1060FL_R1_00001 1A 60V SOD123FL    |
| 3 | D9304  | 393G060S50000T00HF | HF SS1060FL_R1_00001 1A 60V SOD123FL    |
| 3 | D9114  | 393G060S50000T00HF | HF SS1060FL_R1_00001 1A 60V SOD123FL    |
| 3 | D9307  | 393G060SA0700T     | SCHOTTKY MB810 8A 100V SMC              |
| 3 |        | ADE1220XB8AI       | ADAPTER BOARD FOR AI                    |
| 2 |        | SMTFEKLDX3         | MAIN BOARD FOR SMT                      |
| 3 | CN404  | 033G803210F S HR   | CONNECTOR                               |
| 3 | U101   | 056G 563114        | LDO G1117-33T63UF 1A 3.3V SOT-223       |
| 3 | Q502   | 057G 417511        | MMBT3904                                |
| 3 | Q501   | 057G 417511        | MMBT3904                                |
| 3 | Q653   | 057G 417512        | MMBT3906                                |
| 3 | Q602   | 057G 417517        | Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC |
| 3 | Q402   | 057G 417517        | Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC |
| 3 | Q401   | 057G 417517        | Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC |
| 3 | Q601   | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |
| 3 | Q650   | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |
| 3 | Q705   | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |
| 3 | Q707   | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |
| 3 | Q706   | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |
| 3 | Q703   | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |
| 3 | Q702   | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |
| 3 | Q404   | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |
| 3 | RP405  | 061G 1260008JY     | RST CHIP AR 8P4R 0 OHM +-5% 1/16W       |
| 3 | RP402  | 061G 1260008JY     | RST CHIP AR 8P4R 0 OHM +-5% 1/16W       |
| 3 | RP403  | 061G 1260008JY     | RST CHIP AR 8P4R 0 OHM +-5% 1/16W       |
| 3 | RP401  | 061G 1260008JY     | RST CHIP AR 8P4R 0 OHM +-5% 1/16W       |
| 3 | RP404  | 061G 1260008JY     | RST CHIP AR 8P4R 0 OHM +-5% 1/16W       |
| 3 | TH701  | 061G 56A075 LT HF  | SMD PTC 0.75A 1206L075THYR              |
| 3 | R407   | 061G0402000 JF     | RST CHIPR MAX0R05 1/16W FENGHUA         |
| 3 | R608   | 061G0402000 JF     | RST CHIPR MAX0R05 1/16W FENGHUA         |
| 3 | R664   | 061G0402000 JF     | RST CHIPR MAX0R05 1/16W FENGHUA         |
| 3 | R406   | 061G0402000 JF     | RST CHIPR MAX0R05 1/16W FENGHUA         |
| 3 | R409   | 061G0402000 JF     | RST CHIPR MAX0R05 1/16W FENGHUA         |
| 3 | R735   | 061G0402000 JT     | RST 0402 0.05R MAX 1/16W -              |
| 3 | R662   | 061G0402100 JF     | RST CHIPR 10 OHM +-5% 1/16W FENGHUA     |
| 3 | R665   | 061G0402100 JF     | RST CHIPR 10 OHM +-5% 1/16W FENGHUA     |

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| 3 | R620 | 061G0402100 JF | RST CHIPR 10 OHM +-5% 1/16W FENGHUA  |
| 3 | R614 | 061G0402100 JF | RST CHIPR 10 OHM +-5% 1/16W FENGHUA  |
| 3 | R603 | 061G0402100 JF | RST CHIPR 10 OHM +-5% 1/16W FENGHUA  |
| 3 | R602 | 061G0402100 JF | RST CHIPR 10 OHM +-5% 1/16W FENGHUA  |
| 3 | R418 | 061G04021001FF | RST CHIPR 1KOHM +-1% 1/16W FENGHUA   |
| 3 | R421 | 061G04021001FF | RST CHIPR 1KOHM +-1% 1/16W FENGHUA   |
| 3 | R703 | 061G04021003FY | RST CHIP 100K 1/16W 1%               |
| 3 | R717 | 061G04021003FY | RST CHIP 100K 1/16W 1%               |
| 3 | R720 | 061G04021003FY | RST CHIP 100K 1/16W 1%               |
| 3 | R451 | 061G0402101 JF | RST CHIPR 100 OHM +-5% 1/16W FENGHUA |
| 3 | R457 | 061G0402101 JF | RST CHIPR 100 OHM +-5% 1/16W FENGHUA |
| 3 | R455 | 061G0402101 JF | RST CHIPR 100 OHM +-5% 1/16W FENGHUA |
| 3 | R454 | 061G0402101 JF | RST CHIPR 100 OHM +-5% 1/16W FENGHUA |
| 3 | R452 | 061G0402101 JT | RST CHIP 100R 1/16W 5% TZAI YUAN     |
| 3 | R453 | 061G0402101 JT | RST CHIP 100R 1/16W 5% TZAI YUAN     |
| 3 | R607 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R128 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R129 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R127 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R609 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R116 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R115 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R121 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R110 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R126 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R510 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R511 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R137 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R108 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R724 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R136 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R131 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R130 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R109 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R158 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R159 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R172 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R171 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R509 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R139 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R114 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R508 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |
| 3 | R173 | 061G0402102 JF | RST CHIPR 1KOHM +-5% 1/16W FENGHUA   |
| 3 | R424 | 061G0402102 JF | RST CHIPR 1KOHM +-5% 1/16W FENGHUA   |
| 3 | R516 | 061G0402102 JF | RST CHIPR 1KOHM +-5% 1/16W FENGHUA   |
| 3 | R513 | 061G0402102 JF | RST CHIPR 1KOHM +-5% 1/16W FENGHUA   |
| 3 | R613 | 061G0402102 JY | RST CHIPR 1KOHM +-5% 1/16W YAGEO     |
| 3 | R601 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R740 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R106 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |

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| 3 | R742 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R610 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R604 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R122 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R123 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R124 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R517 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R514 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R725 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R616 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R405 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R107 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R135 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R523 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R718 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R733 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |
| 3 | R174 | 061G0402103 JT | RST CHIP 10K 1/16W 5% TZAI YUAN      |
| 3 | R462 | 061G0402103 JT | RST CHIP 10K 1/16W 5% TZAI YUAN      |
| 3 | R712 | 061G0402103 JT | RST CHIP 10K 1/16W 5% TZAI YUAN      |
| 3 | R722 | 061G0402103 JY | RST CHIPR 10KOHM +-5% 1/16W YAGEO    |
| 3 | R702 | 061G0402104 JF | RST CHIPR 100KOHM +-5% 1/16W FENGHUA |
| 3 | R621 | 061G0402104 JF | RST CHIPR 100KOHM +-5% 1/16W FENGHUA |
| 3 | R708 | 061G0402104 JY | RST CHIPR 100KOHM +-5% 1/16W YAGEO   |
| 3 | R531 | 061G0402105 JF | RST CHIPR 1MOHM 5% 1/16W FENGHUA     |
| 3 | R530 | 061G0402105 JF | RST CHIPR 1MOHM 5% 1/16W FENGHUA     |
| 3 | R704 | 061G04021501FF | RST CHIP 1K5 1/16W 1% FENGHUA        |
| 3 | R446 | 061G0402201 JF | RST CHIPR 200 OHM +-5% 1/16W FENGHUA |
| 3 | R443 | 061G0402201 JF | RST CHIPR 200 OHM +-5% 1/16W FENGHUA |
| 3 | R133 | 061G04022201FY | RST CHIPR 2.2KOHM +-1% 1/16W YAGEO   |
| 3 | R132 | 061G04022201FY | RST CHIPR 2.2KOHM +-1% 1/16W YAGEO   |
| 3 | R404 | 061G04022702FF | RST CHIP 27K 1/16W 1% FENGHUA        |
| 3 | R705 | 061G04023602FT | RST 0402 36K 1% 1/16W                |
| 3 | R524 | 061G0402393 JF | RST CHIP 39K 1/16W 5% FENGHUA        |
| 3 | R605 | 061G0402433 JY | RST CHIPR 43KOHM +-5% 1/16W YAGEO    |
| 3 | R739 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |
| 3 | R721 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |
| 3 | R467 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |
| 3 | R709 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |
| 3 | R420 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |
| 3 | R504 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |
| 3 | R422 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |
| 3 | R501 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |
| 3 | R506 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |
| 3 | R154 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |
| 3 | R155 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |
| 3 | R505 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |
| 3 | R751 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |
| 3 | R437 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |
| 3 | R412 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |
| 3 | R414 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |



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| 3 | R416 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA    |
| 3 | R466 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA    |
| 3 | R427 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA    |
| 3 | R429 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA    |
| 3 | R713 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA    |
| 3 | R623 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA    |
| 3 | R433 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA    |
| 3 | R431 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA    |
| 3 | R435 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA    |
| 3 | R436 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA    |
| 3 | R445 | 061G0402472 JT | RST CHIP 4K7 1/16W 5% TZAI YUAN         |
| 3 | R444 | 061G0402472 JT | RST CHIP 4K7 1/16W 5% TZAI YUAN         |
| 3 | R442 | 061G0402472 JT | RST CHIP 4K7 1/16W 5% TZAI YUAN         |
| 3 | R450 | 061G0402472 JT | RST CHIP 4K7 1/16W 5% TZAI YUAN         |
| 3 | R449 | 061G0402472 JT | RST CHIP 4K7 1/16W 5% TZAI YUAN         |
| 3 | R441 | 061G0402472 JT | RST CHIP 4K7 1/16W 5% TZAI YUAN         |
| 3 | R468 | 061G0402472 JT | RST CHIP 4K7 1/16W 5% TZAI YUAN         |
| 3 | R715 | 061G0402473 JF | RST CHIPR 47KOHM +-5% 1/16W FENGHUA     |
| 3 | R729 | 061G0402473 JF | RST CHIPR 47KOHM +-5% 1/16W FENGHUA     |
| 3 | R512 | 061G0402473 JF | RST CHIPR 47KOHM +-5% 1/16W FENGHUA     |
| 3 | R515 | 061G0402473 JF | RST CHIPR 47KOHM +-5% 1/16W FENGHUA     |
| 3 | R465 | 061G0402473 JT | RST CHIP 47K 1/16W 5% TZAI YUAN         |
| 3 | R525 | 061G0402564 JY | RST 0402 560K 5% 1/16W RC0402JR-07560KL |
| 3 | R529 | 061G0402564 JY | RST 0402 560K 5% 1/16W RC0402JR-07560KL |
| 3 | R403 | 061G04026201FF | RST CHIP 6.2K 1/16W 1% FENGHUA          |
| 3 | R448 | 061G04026801FF | RST CHIPR 6.8K +-1% 1/16W FENGHUA       |
| 3 | R447 | 061G04026801FF | RST CHIPR 6.8K +-1% 1/16W FENGHUA       |
| 3 | R669 | 061G04027509FT | RST CHIP 75R 1/16W 1%                   |
| 3 | R670 | 061G04027509FT | RST CHIP 75R 1/16W 1%                   |
| 3 | R671 | 061G04027509FT | RST CHIP 75R 1/16W 1%                   |
| 3 | R656 | 061G04027509FT | RST CHIP 75R 1/16W 1%                   |
| 3 | R402 | 061G0603000 JF | RST CHIPR MAX 0R05 1/10W FENGHUA        |
| 3 | R408 | 061G0603000 JF | RST CHIPR MAX 0R05 1/10W FENGHUA        |
| 3 | R102 | 061G0603000 JT | RST CHIP MAX 0R05 1/10W TZAI YUAN       |
| 3 | R103 | 061G0603000 JT | RST CHIP MAX 0R05 1/10W TZAI YUAN       |
| 3 | R663 | 061G06031003FT | RST CHIP 100K 1/10W 1%                  |
| 3 | R526 | 061G0603101 JF | RST CHIPR 100 OHM +-5% 1/10W FENGHUA    |
| 3 | R612 | 061G0603102 JY | RST CHIPR 1KOHM +-5£¥ 1/10W YAGEO       |
| 3 | R611 | 061G0603102 JY | RST CHIPR 1KOHM +-5£¥ 1/10W YAGEO       |
| 3 | R119 | 061G0603103 JF | RST CHIPR 10K OHM +-5% 1/10W FENGHUA    |
| 3 | R140 | 061G0603103 JF | RST CHIPR 10K OHM +-5% 1/10W FENGHUA    |
| 3 | R142 | 061G0603103 JF | RST CHIPR 10K OHM +-5% 1/10W FENGHUA    |
| 3 | R668 | 061G0603103 JF | RST CHIPR 10K OHM +-5% 1/10W FENGHUA    |
| 3 | R650 | 061G0603103 JF | RST CHIPR 10K OHM +-5% 1/10W FENGHUA    |
| 3 | R120 | 061G0603103 JF | RST CHIPR 10K OHM +-5% 1/10W FENGHUA    |
| 3 | R655 | 061G0603103 JT | RST CHIP 10K 1/10W 5% TZAI YUAN         |
| 3 | R463 | 061G0603103 JT | RST CHIP 10K 1/10W 5% TZAI YUAN         |
| 3 | R660 | 061G0603103 JY | RST CHIPR 10KOHM £«-5£¥ 1/10W YAGEO     |
| 3 | R661 | 061G0603103 JY | RST CHIPR 10KOHM £«-5£¥ 1/10W YAGEO     |
| 3 | R658 | 061G0603103 JY | RST CHIPR 10KOHM £«-5£¥ 1/10W YAGEO     |

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| 3 | R653 | 061G0603104 JT   | RST CHIP 100K 1/10W 5% TZAI YUAN        |
| 3 | R730 | 061G06031200FF   | RST CHIPR 120 OHM +-1% 1/10W FENGHUA    |
| 3 | R707 | 061G06031332FF   | RST 0603 13.3K 1% 1/10W FENGHUA         |
| 3 | R723 | 061G06032000FF   | RST CHIPR 200 OHM +-1% 1/10W FENGHUA    |
| 3 | R527 | 061G0603201 JF   | RST CHIP 200R 1/10W 5% FENGHUA          |
| 3 | R726 | 061G06032200FT   | RST CHIP 220R 1/10W 1%                  |
| 3 | R728 | 061G06032209FT   | RST CHIP 22R 1/10W 1%                   |
| 3 | R732 | 061G06032409FT   | RST CHIP 24R 1/10W 1%                   |
| 3 | R666 | 061G06032702FT   | RST CHIP 27K 1/10W 1%                   |
| 3 | R667 | 061G0603472 JF   | RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA    |
| 3 | R659 | 061G0603472 JF   | RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA    |
| 3 | R104 | 061G0603682 JT   | RST CHIP 6K8 1/10W 5% TZAI YUAN         |
| 3 | R117 | 061G0603682 JT   | RST CHIP 6K8 1/10W 5% TZAI YUAN         |
| 3 | R105 | 061G0603682 JT   | RST CHIP 6K8 1/10W 5% TZAI YUAN         |
| 3 | R118 | 061G0603682 JT   | RST CHIP 6K8 1/10W 5% TZAI YUAN         |
| 3 | R143 | 061G0603682 JT   | RST CHIP 6K8 1/10W 5% TZAI YUAN         |
| 3 | R141 | 061G0603682 JT   | RST CHIP 6K8 1/10W 5% TZAI YUAN         |
| 3 | R101 | 061G0603750 JF   | RST CHIPR 75OHM +- 5% 1/10W FENGHUA     |
| 3 | R113 | 061G0603750 JF   | RST CHIPR 75OHM +- 5% 1/10W FENGHUA     |
| 3 | R112 | 061G0603750 JF   | RST CHIPR 75OHM +- 5% 1/10W FENGHUA     |
| 3 | R125 | 061G0603750 JF   | RST CHIPR 75OHM +- 5% 1/10W FENGHUA     |
| 3 | R111 | 061G0603750 JF   | RST CHIPR 75OHM +- 5% 1/10W FENGHUA     |
| 3 | R134 | 061G0603750 JF   | RST CHIPR 75OHM +- 5% 1/10W FENGHUA     |
| 3 | R138 | 061G0603750 JF   | RST CHIPR 75OHM +- 5% 1/10W FENGHUA     |
| 3 | C145 | 065G040210031J F | CAP 0402 10PF 5% 50V NPO                |
| 3 | C144 | 065G040210031J F | CAP 0402 10PF 5% 50V NPO                |
| 3 | C111 | 065G040210031J Y | CAP 0402 10PF 5% 50V NPO                |
| 3 | C472 | 065G040210131J A | CAP CHIP 0402 100PF J 50V NPO           |
| 3 | C491 | 065G040210131J A | CAP CHIP 0402 100PF J 50V NPO           |
| 3 | C601 | 065G040210232K Y | CAP 0402 1NF 10% 50V X7R CC0402KRX7R9BB |
| 3 | C604 | 065G040210232K Y | CAP 0402 1NF 10% 50V X7R CC0402KRX7R9BB |
| 3 | C146 | 065G040210332K A | CAP 0402 10NF 10% 50V X7R               |
| 3 | C479 | 065G040210412K T | CAP CHIP 0402 100nF 16V X7R             |
| 3 | C470 | 065G040210412K T | CAP CHIP 0402 100nF 16V X7R             |
| 3 | C471 | 065G040210412K T | CAP CHIP 0402 100nF 16V X7R             |
| 3 | C625 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C454 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C452 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C734 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C716 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C444 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C443 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C442 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C447 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C732 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C460 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C466 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C465 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C446 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C505 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |

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| 3 | C436 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C450 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C459 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C147 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C441 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C462 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C461 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C435 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C131 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C615 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C132 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C463 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C464 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C401 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C477 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C475 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C445 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C448 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C437 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C721 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C607 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C420 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |
| 3 | C720 | 065G0402105A5K A | CAP CHIP 0402 1UF K 10V X5R             |
| 3 | C421 | 065G0402105A5K A | CAP CHIP 0402 1UF K 10V X5R             |
| 3 | C430 | 065G0402105A5K A | CAP CHIP 0402 1UF K 10V X5R             |
| 3 | C718 | 065G0402105A5K A | CAP CHIP 0402 1UF K 10V X5R             |
| 3 | C624 | 065G0402105A5K A | CAP CHIP 0402 1UF K 10V X5R             |
| 3 | C626 | 065G0402105A5K A | CAP CHIP 0402 1UF K 10V X5R             |
| 3 | C724 | 065G0402105A5K A | CAP CHIP 0402 1UF K 10V X5R             |
| 3 | C137 | 065G0402105A5K A | CAP CHIP 0402 1UF K 10V X5R             |
| 3 | C467 | 065G0402105A5K A | CAP CHIP 0402 1UF K 10V X5R             |
| 3 | C141 | 065G0402105A5K A | CAP CHIP 0402 1UF K 10V X5R             |
| 3 | C429 | 065G0402105A5K A | CAP CHIP 0402 1UF K 10V X5R             |
| 3 | C431 | 065G040215031J A | CAP 0402 15PF 5% 50V NPO                |
| 3 | C432 | 065G040218031J A | CAP 0402 18PF J 50V NPO                 |
| 3 | C139 | 065G040220031J F | CAP 0402 20PF 5% 50V NPO                |
| 3 | C138 | 065G040220031J F | CAP 0402 20PF 5% 50V NPO                |
| 3 | C704 | 065G040222031J T | CAP 0402 22pF 5% 50V NPO UMK105 CG220JV |
| 3 | C730 | 065G040222031J Y | CAP CHIP 0402 22P 50V NPO +/-5%         |
| 3 | C110 | 065G040222031J Y | CAP CHIP 0402 22P 50V NPO +/-5%         |
| 3 | C606 | 065G040233131J T | AP CHIP 0402 330PF 50V J NPO            |
| 3 | C665 | 065G040233131J T | AP CHIP 0402 330PF 50V J NPO            |
| 3 | C669 | 065G040233131J T | AP CHIP 0402 330PF 50V J NPO            |
| 3 | C628 | 065G040233131J T | AP CHIP 0402 330PF 50V J NPO            |
| 3 | C610 | 065G040233131J T | AP CHIP 0402 330PF 50V J NPO            |
| 3 | C621 | 065G040233131J T | AP CHIP 0402 330PF 50V J NPO            |
| 3 | C108 | 065G040247131J A | CAP CHIP 0402 470PF J 50V NPO           |
| 3 | C107 | 065G040247131J A | CAP CHIP 0402 470PF J 50V NPO           |
| 3 | C115 | 065G040247131J A | CAP CHIP 0402 470PF J 50V NPO           |
| 3 | C114 | 065G040247131J A | CAP CHIP 0402 470PF J 50V NPO           |

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| 3 | C404 | 065G040247312K Y | CAP 0402 47NF 10% 16V X7R              |
| 3 | C403 | 065G040247312K Y | CAP 0402 47NF 10% 16V X7R              |
| 3 | C415 | 065G040247312K Y | CAP 0402 47NF 10% 16V X7R              |
| 3 | C407 | 065G040247312K Y | CAP 0402 47NF 10% 16V X7R              |
| 3 | C408 | 065G040247312K Y | CAP 0402 47NF 10% 16V X7R              |
| 3 | C411 | 065G040247312K Y | CAP 0402 47NF 10% 16V X7R              |
| 3 | C410 | 065G040247312K Y | CAP 0402 47NF 10% 16V X7R              |
| 3 | C409 | 065G040247312K Y | CAP 0402 47NF 10% 16V X7R              |
| 3 | C405 | 065G040247312K Y | CAP 0402 47NF 10% 16V X7R              |
| 3 | C406 | 065G040247312K Y | CAP 0402 47NF 10% 16V X7R              |
| 3 | C729 | 065G040247505M M | CAP 0402 4.7UF 20% 6.3V X5R            |
| 3 | C104 | 065G040250931C Y | CAP 0402 5PF 0.25pF 50V NP0            |
| 3 | C106 | 065G040250931C Y | CAP 0402 5PF 0.25pF 50V NP0            |
| 3 | C105 | 065G040250931C Y | CAP 0402 5PF 0.25pF 50V NP0            |
| 3 | C113 | 065G040250931C Y | CAP 0402 5PF 0.25pF 50V NP0            |
| 3 | C109 | 065G040250931C Y | CAP 0402 5PF 0.25pF 50V NP0            |
| 3 | C112 | 065G040250931C Y | CAP 0402 5PF 0.25pF 50V NP0            |
| 3 | C678 | 065G060310232K A | CAP CHIP 0603 1000pF K 50V X7R         |
| 3 | C675 | 065G060310232K A | CAP CHIP 0603 1000pF K 50V X7R         |
| 3 | C677 | 065G060310232K A | CAP CHIP 0603 1000pF K 50V X7R         |
| 3 | C661 | 065G060310232K A | CAP CHIP 0603 1000pF K 50V X7R         |
| 3 | C727 | 065G060310432K A | CAP 0603 100NF 10% 50V X7R             |
| 3 | C660 | 065G060310432K A | CAP 0603 100NF 10% 50V X7R             |
| 3 | C674 | 065G060310432K A | CAP 0603 100NF 10% 50V X7R             |
| 3 | C713 | 065G060310432K A | CAP 0603 100NF 10% 50V X7R             |
| 3 | C708 | 065G060310432K A | CAP 0603 100NF 10% 50V X7R             |
| 3 | C744 | 065G060310432K A | CAP 0603 100NF 10% 50V X7R             |
| 3 | C703 | 065G060310432K F | CAP CHIP 0603 0.1UF K 50V X7R          |
| 3 | C602 | 065G060310512K A | CAP 0603 1UF 10% 16V X7R               |
| 3 | C616 | 065G060310512K A | CAP 0603 1UF 10% 16V X7R               |
| 3 | C618 | 065G060310512K A | CAP 0603 1UF 10% 16V X7R               |
| 3 | C731 | 065G060310512K A | CAP 0603 1UF 10% 16V X7R               |
| 3 | C623 | 065G060310512K A | CAP 0603 1UF 10% 16V X7R               |
| 3 | C439 | 065G060310605M A | MLCC 0603 10UF 6.3V X5R +-20%          |
| 3 | C440 | 065G060310605M A | MLCC 0603 10UF 6.3V X5R +-20%          |
| 3 | C412 | 065G060310605M A | MLCC 0603 10UF 6.3V X5R +-20%          |
| 3 | C456 | 065G060310605M A | MLCC 0603 10UF 6.3V X5R +-20%          |
| 3 | C457 | 065G060310605M A | MLCC 0603 10UF 6.3V X5R +-20%          |
| 3 | C458 | 065G060310605M A | MLCC 0603 10UF 6.3V X5R +-20%          |
| 3 | C733 | 065G060310605M A | MLCC 0603 10UF 6.3V X5R +-20%          |
| 3 | C428 | 065G060310605M A | MLCC 0603 10UF 6.3V X5R +-20%          |
| 3 | C474 | 065G060310605M A | MLCC 0603 10UF 6.3V X5R +-20%          |
| 3 | C402 | 065G060310605M A | MLCC 0603 10UF 6.3V X5R +-20%          |
| 3 | C670 | 065G060322422K A | MLCC 0603 220nF 25V X7R +/-10% SAMSUNG |
| 3 | C666 | 065G060322422K A | MLCC 0603 220nF 25V X7R +/-10% SAMSUNG |
| 3 | C672 | 065G060322422K T | CAP CHIP0603 220NF K 25V X7R           |
| 3 | C664 | 065G060322422K T | CAP CHIP0603 220NF K 25V X7R           |
| 3 | C663 | 065G060322422K T | CAP CHIP0603 220NF K 25V X7R           |
| 3 | C668 | 065G060322422K T | CAP CHIP0603 220NF K 25V X7R           |
| 3 | C725 | 065G060322422K Y | CAP 0603 220N 25V X7R 10%              |

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|---|-------|------------------|---|
| 3 | C473  | 065G060347412K Y | CAP CHIP 0.47uF 16V +/-10% X7R          |
| 3 | C671  | 065G080510532K A | CAP 0805 1UF 10% 50V X7R                |
| 3 | C667  | 065G080510532K A | CAP 0805 1UF 10% 50V X7R                |
| 3 | C617  | 065G080510532K T | CAP 0805 1UF 10% 50V X7R                |
| 3 | C611  | 065G080510532K T | CAP 0805 1UF 10% 50V X7R                |
| 3 | C622  | 065G080510532K T | CAP 0805 1UF 10% 50V X7R                |
| 3 | C619  | 065G080510532K T | CAP 0805 1UF 10% 50V X7R                |
| 3 | C613  | 065G080510615K T | CHIP 10uF 16V X5R 0805                  |
| 3 | C701  | 065G080510615K T | CHIP 10uF 16V X5R 0805                  |
| 3 | C627  | 065G080510615K T | CHIP 10uF 16V X5R 0805                  |
| 3 | C743  | 065G0805106A5K A | CAP 0805 10UF 10% 10V X5R               |
| 3 | C130  | 065G0805106A5K A | CAP 0805 10UF 10% 10V X5R               |
| 3 | C127  | 065G0805106A5K A | CAP 0805 10UF 10% 10V X5R               |
| 3 | C715  | 065G0805106A5K A | CAP 0805 10UF 10% 10V X5R               |
| 3 | C712  | 065G0805106A5K A | CAP 0805 10UF 10% 10V X5R               |
| 3 | C116  | 065G0805106A5K A | CAP 0805 10UF 10% 10V X5R               |
| 3 | C117  | 065G0805106A5K A | CAP 0805 10UF 10% 10V X5R               |
| 3 | C728  | 065G0805106A5K A | CAP 0805 10UF 10% 10V X5R               |
| 3 | C719  | 065G080522605M T | CAP 0805 22uF 20% 6.3V X5R JMK212 BJ226 |
| 3 | C717  | 065G080522605M T | CAP 0805 22uF 20% 6.3V X5R JMK212 BJ226 |
| 3 | C480  | 065G120610272K F | CAP 1206 1NF 10% 500V X7R               |
| 3 | C469  | 065G120610272K F | CAP 1206 1NF 10% 500V X7R               |
| 3 | C468  | 065G120610272K F | CAP 1206 1NF 10% 500V X7R               |
| 3 | C478  | 065G120610272K F | CAP 1206 1NF 10% 500V X7R               |
| 3 | C653  | 065G120610625K A | CAP 1206 10UF 10% 25V X5R               |
| 3 | C652  | 065G120610625K A | CAP 1206 10UF 10% 25V X5R               |
| 3 | C654  | 065G120610625K A | CAP 1206 10UF 10% 25V X5R               |
| 3 | C612  | 065G120622615K A | CAP 1206 22UF 10% 16V X5R               |
| 3 | C705  | 065G120622615K A | CAP 1206 22UF 10% 16V X5R               |
| 3 | C706  | 065G120622615K A | CAP 1206 22UF 10% 16V X5R               |
| 3 | C650  | 065G120622615K A | CAP 1206 22UF 10% 16V X5R               |
| 3 | C126  | 067G311C1013LT   | EC SMD 100UF 20% 16V 6.3*7.7 3000 hr 2  |
| 3 | C726  | 067G311C1013LT   | EC SMD 100UF 20% 16V 6.3*7.7 3000 hr 2  |
| 3 | C476  | 067G311C1013LT   | EC SMD 100UF 20% 16V 6.3*7.7 3000 hr 2  |
| 3 | FB702 | 071G 56G301 MA   | CHIP BEAD 0805 300OHM 4A                |
| 3 | FB701 | 071G 56G301 MA   | CHIP BEAD 0805 300OHM 4A                |
| 3 | FB703 | 071G 56G301 MA   | CHIP BEAD 0805 300OHM 4A                |
| 3 | FB406 | 071G 56K121 M    | CHIP BEAD 0805 120R 25% MGLB2012E121T-L |
| 3 | FB603 | 071G 56K121 TA   | HIP BEAD 120R/6000mA HCB2012KF-121T60   |
| 3 | FB402 | 071G 59A121 TA   | CHIP BEAD 120R/3000mA HCB1608KF-121T30  |
| 3 | FB401 | 071G 59A121 TA   | CHIP BEAD 120R/3000mA HCB1608KF-121T30  |
| 3 | FB411 | 071G 59B121 JM   | CHIP BEAD 0603 120R/1000mA              |
| 3 | FB405 | 071G 59C601 TA   | CHIP BEAD 600R/200mA FCM1608K-601T02    |
| 3 | FB415 | 071G 59G301 TA   | CHIP BEAD 300OHM 200mA FCM1608KF-301T02 |
| 3 | FB414 | 071G 59G301 TA   | CHIP BEAD 300OHM 200mA FCM1608KF-301T02 |
| 3 | FB409 | 071G 59G301 TA   | CHIP BEAD 300OHM 200mA FCM1608KF-301T02 |
| 3 | FB410 | 071G 59G301 TA   | CHIP BEAD 300OHM 200mA FCM1608KF-301T02 |
| 3 | L101  | 073G 63478 5M    | CHIP IND 0.47UH 5% 0.1A 3.5R MGFI1608AR |
| 3 | L102  | 073G 63478 5M    | CHIP IND 0.47UH 5% 0.1A 3.5R MGFI1608AR |
| 3 | L703  | 073G253S 71 DN   | SMD CHOKE 2.2UH 20% 8A 0.02R LZ.412R2.A |

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| 3 | CN502 | 088G 34019K AD     | HDMI HEADER 19P H:2.8mm                  |
| 3 | CN501 | 088G 34019K AD     | HDMI HEADER 19P H:2.8mm                  |
| 3 | D101  | 093G 60515 L       | SCHOTTKY LBAT54CLT1G 0.2A 30V SOT-23     |
| 3 | D503  | 093G 60515 L       | SCHOTTKY LBAT54CLT1G 0.2A 30V SOT-23     |
| 3 | D502  | 093G 60515 L       | SCHOTTKY LBAT54CLT1G 0.2A 30V SOT-23     |
| 3 | D702  | 093G 52S903 T      | RECTIFIER GS1A 1A 50V DO-214AC           |
| 3 | D650  | 093G 52S904 T      | RECTIFIER S3B-T\R 3A 100V DO-214AB       |
| 3 | ZD120 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD126 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD125 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD128 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD127 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD122 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD124 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD123 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD121 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD504 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD505 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD506 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD501 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD406 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD503 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD502 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD404 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD405 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD105 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD106 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD104 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD108 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD107 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | ZD101 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |
| 3 | D602  | 093G 64S526SEM     | SWITCHING BAS316WS 250mA 100V SOD323     |
| 3 | CN112 | 311GW125D08ACJ     | WAFER 1.25mm 8P V/T 1.25T-11-8PB         |
| 3 | CN108 | 311GW125D08ACJ     | WAFER 1.25mm 8P V/T 1.25T-11-8PB         |
| 3 | U702  | 356G0563531BHF000C | LDO BL1084-CY 5A ADJ TO-252              |
| 3 | U704  | 356G0563531BHF000C | LDO BL1084-CY 5A ADJ TO-252              |
| 3 | U401  | 356G0568176604     | SCALER RTD2634DD-GR LQFP 176             |
| 3 | U601  | 356G0616028600     | AUDIO AD52580-QG28NAR (AF) 15W E-TSSOP   |
| 3 | U650  | 356G0616028600     | AUDIO AD52580-QG28NAR (AF) 15W E-TSSOP   |
| 3 | U402  | 356G2233128600     | FLASH MX25L12835FM2I-10G 128Mb SOP-8(20  |
| 3 | U701  | 356GD563006600     | DC/DC SY8104ADC 4A 18V TSOT23-6          |
| 3 | U703  | 356GD563008601     | DC/DC SY8003ADFC 3A 5.5V DFN2x2-8        |
| 3 | Q701  | 357G0763030018     | MOSFET MTP3401N3 -4A -30V SOT-23         |
| 3 | Q704  | 357G0763030018     | MOSFET MTP3401N3 -4A -30V SOT-23         |
| 3 | Q403  | 357G0763030601     | MOSFET MTP5103N3 -4.5A -30V SOT-23       |
| 3 | C422  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |
| 3 | C423  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |
| 3 | C425  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |
| 3 | C424  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |
| 3 | C413  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |

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| 3 | C414   | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |
| 3 | C455   | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |
| 3 | C453   | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |
| 3 | C451   | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |
| 3 | C482   | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |
| 3 | C416   | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |
| 3 | C449   | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |
| 3 | C417   | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |
| 3 | C418   | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |
| 3 | C419   | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |
| 3 | C438   | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |
| 3 | C722   | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |
| 3 | C662   | 367G311X101GLT     | EC SMD 100UF 20% 35V 6.3x7.7mm 2000 hr 0 |
| 3 | C676   | 367G311X101GLT     | EC SMD 100UF 20% 35V 6.3x7.7mm 2000 hr 0 |
| 3 | L603   | 373G253S193D00     | SMD CHOKE 22uH 20% 1.8 0.089 SWPG6045G2  |
| 3 | L602   | 373G253S193D00     | SMD CHOKE 22uH 20% 1.8 0.089 SWPG6045G2  |
| 3 | L601   | 373G253S193D00     | SMD CHOKE 22uH 20% 1.8 0.089 SWPG6045G2  |
| 3 | L604   | 373G253S193D00     | SMD CHOKE 22uH 20% 1.8 0.089 SWPG6045G2  |
| 3 | L650   | 373G253S194D00     | SMD CHOKE 33uH 20% 1.45 0.137 SWPG6045G  |
| 3 | L651   | 373G253S194D00     | SMD CHOKE 33uH 20% 1.45 0.137 SWPG6045G  |
| 3 | L701   | 373G253S198D00     | SMD CHOKE 4.7UH 20% 3.3A 0.026R SWPG604  |
| 3 | X401   | 393G022S646CEC     | CRYSTAL HC-49U/SM 27 12                  |
| 3 | D401   | 393G060S91200T00HF | SCHOTTKY RB551V-30_R1_00001 0.5A 30V SO  |
| 3 | E715   | 715G6928M01000004T | MAIN PCB FR4 DS 193*80*1.6               |
| 2 |        | SMTIRPFFAA9        | IR BOARD FOR SMT                         |
| 3 | R202   | 061G0603101 JT     | RST CHIP 100R 1/10W 5% TZAI YUAN         |
| 3 | R301   | 061G0402102 JT     | RST CHIP 1K 1/16W 5% TZAI YUAN           |
| 3 | R201   | 061G0402103 JT     | RST CHIP 10K 1/16W 5% TZAI YUAN          |
| 3 | R302   | 061G0402222 JT     | RST CHIP 2K2 1/16W 5% TZAI YUAN          |
| 3 | CN201  | 033G8032 5F S HR   | CONNECTOR                                |
| 3 | C304   | 065G0402105A5K M   | CAP 0402 1UF 10% 10V X5R                 |
| 3 | C305   | 065G0402105A5K M   | CAP 0402 1UF 10% 10V X5R                 |
| 3 | Q301   | 057G 477904 T      | TRA BC847BW 100mA/45V SOT-323            |
| 3 | LED301 | 081G 63R 1 EL      | CHIP LED RED 19-21B/R6C-BL1M2VY/3T       |
| 3 | LED301 | 081G 63R 1 GP      | CHIP LED RED GPTS06033RC3-PB             |
| 3 | U201   | 356GS927075        | IR RECEIVER TSOP75336WTT 36 KHz          |
| 3 | E715   | 715G7055R01000004M | IR PCB FR4 DS 30*8.5*1.6mm               |
| 3 | E715   | 715G7055R01000004Y | IR PCB FR4 DS 30*8.5*1.6mm               |
| 2 |        | SMTKEPFEEA9        | KEY BOARD FOR SMT                        |
| 3 | R01    | 061G06031201FF     | RST CHIPR 1.2KOHM +-1% 1/10W             |
| 3 | R01    | 061G06031201FT     | RST CHIP 1K2 1/10W 1%                    |
| 3 | R01    | 061G06031201FY     | RST CHIPR 1.2KOHM +-1% 1/10W             |
| 3 | R05    | 061G06031502FF     | RST CHIPR 15KOHM +-1% 1/10W FENGHUA      |
| 3 | R05    | 061G06031502FT     | RST CHIP 15K 1/10W 1%                    |
| 3 | R05    | 061G06031502FY     | RST CHIP 15K 1/10W 1%                    |
| 3 | R04    | 061G06032201FT     | RST CHIP 2K2 1/10W 1%                    |
| 3 | R04    | 061G06032201FY     | RST CHIP 2K2 1/10W 1%                    |
| 3 | R02    | 061G06034709FT     | RST CHIP 47R 1/10W 1%                    |
| 3 | R03    | 061G06036801FF     | RST CHIPR 6.8KOHM +-1% 1/10W FENGHUA     |
| 3 | R03    | 061G06036801FT     | RST CHIP 6K8 1/10W 1%                    |

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| 3 | R03    | 061G06036801FY     | RST CHIP 6K8 1/10W 1%                 |
| 3 | C06    | 065G060310432K A   | CAP 0603 100NF 10% 50V X7R            |
| 3 | C06    | 065G060310432K F   | CAP CHIP 0603 0.1UF K 50V X7R         |
| 3 | C06    | 065G060310432K Y   | CAP 0603 100NF 10% 50V X7R            |
| 3 | CN01   | 311GW125D02ADX     | WAFER 1.25mm 2P R/A S1315-02RVB-S03-K |
| 3 | SW01   | 377G060902C0CJ     | CHIP TACT SW 6P 6mm 160g SMD          |
| 3 | SW01   | 377G060902C0HC     | CHIP TACT SW 6P 6mm 160g SMD          |
| 3 | E715   | 715G7088K01000004K | KEY PCB FR4 DS 22*29.5*1.6mm          |
| 2 |        | 705TXD57224        | Q8101                                 |
| 3 |        | 0M1G1730 8120      | SCREW M3 8                            |
| 3 | Q8101  | 357G0600100020     | MOSFET AOTF298L 33A 100V TO-220F      |
| 3 | HS8101 | Q90T0236007A0000SY | HEAT SINK                             |
| 2 |        | 705TXD93200        | D8101                                 |
| 3 | D8101  | 093G 60500         | FMEN210A TO-220 SANKEN                |
| 3 |        | 0M1G1730 8120      | SCREW M3 8                            |
| 3 | HS8102 | Q90T0236007A0000SY | HEAT SINK                             |
| 2 |        | LNEW661XXA6SMT     | CONVERTER BOARD FOR SMT               |
| 3 | R8117  | 061G08051003FY     | RST CHIP 100K 1/8W 1%                 |
| 3 |        | LNEW661XXA6AI      | CONVERTER BOARD FOR AI                |
| 3 | R8149  | 061G0805203 JT     | RST CHIPR 20K +-5% 1/8W TZAI YUAN     |
| 3 | R8119  | 061G08051003FY     | RST CHIP 100K 1/8W 1%                 |
| 3 | C8104  | 065G080522432K F   | CAP 0805 220NF 10% 50V X7R            |
| 3 | R8109  | 061G08051003FY     | RST CHIP 100K 1/8W 1%                 |
| 3 | R8105  | 061G12064700FT     | RST 1206 470R 1% 1/4W TZAI YUAN       |
| 3 | C8115  | 065G080510532K T   | CAP 0805 1UF 10% 50V X7R              |
| 3 | ZD8101 | 393G039S95300T00HF | HF BZT52-B9V1 R1_00001 9.1V 0.41W     |
| 3 | R8169  | 061G12061508FT     | RST 1206 1.5R 1% 1/4W                 |
| 3 | R8132  | 061G08056202FY     | RST 0805 62K 1% 1/8W -                |
| 3 | R8144  | 361G12061108FT     | RST 1206 1.1R 1% 1/4W SMD12061R1F     |
| 3 | R8146  | 361G12061108FT     | RST 1206 1.1R 1% 1/4W SMD12061R1F     |
| 3 | C8132  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%     |
| 3 | R8147  | 061G12061508FT     | RST 1206 1.5R 1% 1/4W                 |
| 3 | R8168  | 061G12061508FT     | RST 1206 1.5R 1% 1/4W                 |
| 3 | R8145  | 061G12061508FT     | RST 1206 1.5R 1% 1/4W                 |
| 3 | C8112  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%     |
| 3 | R8139  | 061G1206101 JT     | RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN |
| 3 | C8134  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%     |
| 3 | R8170  | 061G12061508FT     | RST 1206 1.5R 1% 1/4W                 |
| 3 | C8133  | 065G080522522K T   | CAP 0805 2.2uF 10% 25V X7R            |
| 3 | R8106  | 061G12061002FT     | RST CHIPR 10KOHM +-1% 1/4W 1206       |
| 3 | R8110  | 061G08052203FT     | RST CHIPR 220KOHM +-1% 1/8W           |
| 3 | R8137  | 061G08051003FY     | RST CHIP 100K 1/8W 1%                 |
| 3 | R8112  | 061G08051103FF     | RST CHIPR 110KOHM +-1% 1/8W FENGHUA   |
| 3 | Q8102  | 057G 417907 T      | TRA PMBT3906 PNP -200mA/-40V SOT-23   |
| 3 | C8110  | 065G080510432K F   | CAP CHIP 0805 0.1UF K 50V X7R         |
| 3 | R8103  | 061G08051002FT     | RST CHIP 10K 1/8W 1%                  |
| 3 | R8107  | 061G0805302 JY     | RST CHIPR 3K +-5% 1/8W YAGEO          |
| 3 | C8114  | 065G080522232K A   | CAP 0805 2.2NF 10% 50V X7R            |
| 3 | R8151  | 061G08051003FY     | RST CHIP 100K 1/8W 1%                 |
| 3 | R8134  | 061G0805103 JT     | RST 0805 10K 5% 1/8W                  |



|   |        |                    |   |
|---|--------|--------------------|---|
| 3 | R8131  | 061G08053302FT     | RST CHIP 33K 1/8W 1%                    |
| 3 | R8160  | 361G12061208FY     | RST 1206 1.2R 1% 1/4W -                 |
| 3 | R8120  | 061G0805103 JT     | RST 0805 10K 5% 1/8W                    |
| 3 | C8145  | 065G080522232K Y   | CAP CHIP 0805 2N2 50V X7R +/-10%        |
| 3 | Q8103  | 357G07630620HF     | HF MOSFET 2N7002K_R1_00001 0.3A 60V     |
| 3 | R8141  | 061G1206000 JF     | RST CHIPR MAX0R05 1/4W FENGHUA          |
| 3 | C8146  | 065G080522232K Y   | CAP CHIP 0805 2N2 50V X7R +/-10%        |
| 3 | R8153  | 061G08052203FT     | RST CHIPR 220KOHM +-1% 1/8W             |
| 3 | R8152  | 061G08050004JT     | RST CHIPR 0805 0 OHM 4A                 |
| 3 | R8138  | 061G1206101 JT     | RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN   |
| 3 | R8140  | 061G1206101 JT     | RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN   |
| 3 | R8116  | 061G08052203FT     | RST CHIPR 220KOHM +-1% 1/8W             |
| 3 | C8103  | 065G080522432K F   | CAP 0805 220NF 10% 50V X7R              |
| 3 | R8150  | 061G08050004JT     | RST CHIPR 0805 0 OHM 4A                 |
| 3 | C8143  | 065G080510131J Y   | CAP CHIP 0805 100P 50V NP0 +/-5%        |
| 3 | R8148  | 061G0805000 JY     | RST CHIPR MAX 0R05 OHM 1/8W YAGEO       |
| 3 | C8131  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |
| 3 | C8109  | 065G080510522K M   | AP 0805 1UF 10% 25V X7R                 |
| 3 | R8115  | 061G0805205 JT     | RST CHIPR 2M +-5% 1/8W TZAI YUAN        |
| 3 | D8102  | 393G060S50000T00HF | HF SS1060FL_R1_00001 1A 60V SOD123FL    |
| 3 | R8113  | 061G08051052FF     | RST CHIPR 10.5K OHM +- 1% 1/8W FENGHUA  |
| 3 | R8136  | 061G0805304 JY     | RST CHIPR 300K +-5% 1/8W YAGEO          |
| 3 | R8111  | 061G08051003FT     | RST CHIP 100K 1/8W 1%                   |
| 3 | R8108  | 061G08053303FT     | RST CHIP 330K 1% 1/8W                   |
| 3 | IC8101 | 356G0700024600     | LED DRIVER LD7890GS SOP-24              |
| 3 | R8101  | 061G0805229 JT     | RST CHIPR 2R2 +-5% 1/8W TZAI YUAN       |
| 3 | R8155  | 061G08052003FT     | RST CHIP 200K 1/8W 1%                   |
| 3 | C8111  | 065G080547131J M   | CAP 0805 470PF 5% 50V NP0               |
| 3 | Q8143  | 057G 763139        | MOSFET AOD478 11A 100V TO-252           |
| 3 | R8102  | 061G0805330 JT     | RST CHIP 33R 1/8W 5% TZAI YUAN          |
| 3 | R8133  | 061G08051002FT     | RST CHIP 10K 1/8W 1%                    |
| 3 | R8135  | 061G08051009FT     | RST CHIP R 10ohm +/-1% 1/8W             |
| 3 | R8112  | 061G08051103FT     | RST CHIP R 110K 1/8W +/-1%              |
| 3 | Q8102  | 057G 417517        | Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC |
| 3 | R8103  | 061G08051002FF     | RST CHIPR 10KOHM +-1% 1/8W FENGHUA      |
| 3 | R8107  | 061G0805302 JT     | RST CHIP 3K 1/8W 5% TZAI YUAN           |
| 3 | R8151  | 061G08051003FT     | RST CHIP 100K 1/8W 1%                   |
| 3 | R8134  | 061G0805103 JF     | RST CHIPR 10K OHM +-5% 1/8W FENGHUA     |
| 3 | R8131  | 061G08053302FF     | RST CHIPR 33KOHM +-1% 1/8W FENGHUA      |
| 3 | R8160  | 361G12061208FT     | RST 1206 1.2R 1% 1/4W -                 |
| 3 | R8141  | 061G1206000 JT     | RST CHIPR MAX0R05 1/4W TZAI YUAN        |
| 3 | R8138  | 061G1206101 JF     | RST CHIPR 100 OHM +-5% 1/4W FENGHUA     |
| 3 | R8140  | 061G1206101 JF     | RST CHIPR 100 OHM +-5% 1/4W FENGHUA     |
| 3 | R8117  | 061G08051003FT     | RST CHIP 100K 1/8W 1%                   |
| 3 | R8149  | 061G0805203 JF     | RST CHIPR 20KOHM +-5% 1/8W FENGHUA      |
| 3 | R8109  | 061G08051003FT     | RST CHIP 100K 1/8W 1%                   |
| 3 | R8105  | 061G12064700FF     | RST 1206 470R 1% 1/4W FENGHUA           |
| 3 | R8115  | 061G0805205 JF     | RST CHIPR 2M +-5% 1/8W FENGHUA          |
| 3 | R8113  | 061G08051052FT     | RST CHIP 10.5K OHM 1/8W 1% TZAI YUAN    |
| 3 | R8111  | 061G08051003FF     | RST CHIPR 100KOHM +-1% 1/8W FENGHUA     |

|   |        |                   |   |
|---|--------|-------------------|---|
| 3 | R8108  | 061G08053303FF    | RST CHIP 330K 1/8W 1%                   |
| 3 | R8101  | 061G0805229 JF    | RST CHIPR 2R2 +-5% 1/8W FENGHUA         |
| 3 | R8155  | 061G08052003FF    | RST CHIPR 200KOHM +-1% 1/8W FENGHUA     |
| 3 | R8102  | 061G0805330 JF    | RST CHIPR 33 OHM +-5% 1/8W FENGHUA      |
| 3 | R8133  | 061G08051002FF    | RST CHIPR 10KOHM +-1% 1/8W FENGHUA      |
| 3 | R8135  | 061G08051009FF    | RST CHIPR 10 OHM+-1% 1/8W FENGHUA       |
| 3 | R8148  | 061G0805000 JT    | RST 0805 0.05R MAX 1/8W                 |
| 3 | R8106  | 061G12061002FF    | RST CHIPR 10KOHM +-1% 1/4W FENGHUA      |
| 3 | R8139  | 061G1206101 JF    | RST CHIPR 100 OHM +-5% 1/4W FENGHUA     |
| 3 | R8146  | 361G12061108FY    | RST 1206 1.1R 1% 1/4W RC1206FR-071R1L   |
| 3 | R8144  | 361G12061108FY    | RST 1206 1.1R 1% 1/4W RC1206FR-071R1L   |
| 3 | C8115  | 065G080510532K M  | CAP 0805 1UF 10% 50V X7R                |
| 3 |        | ADE1220XB8AI      | ADAPTER BOARD FOR AI                    |
| 4 | C9319  | 067G 5151017KT    | EC 100UF 20% 50V 10*9 EJ                |
| 4 | BD9902 | 006G 31 4         | 1.7MM RIVET                             |
| 4 | T9301  | 006G 31 4         | 1.7MM RIVET                             |
| 4 | CN9901 | 006G 31500        | EYELET                                  |
| 4 | T9101  | 006G 31500        | EYELET                                  |
| 4 | L9901  | 006G 31502        | EYELET                                  |
| 4 | NR9902 | 006G 31502        | EYELET                                  |
| 4 | L9902  | 006G 31502        | EYELET                                  |
| 4 | NR9901 | 006G 31502        | EYELET                                  |
| 4 | IC9103 | 056G 158 10 T     | DC/DC AS431AZTR-E1 150MA 40V TO-92      |
| 4 | C9110  | 065G 1K101 2T6921 | CAP CER 100pF 1KV K Y5P                 |
| 4 | C9813  | 065G 1K101 2T6921 | CAP CER 100pF 1KV K Y5P                 |
| 4 | C9817  | 065G 1K10193T     | CAP CER 100PF 10% 1KV R                 |
| 4 | C9303  | 065G 1K22293S     | CAP CER 2.2NF 10% 1KV R TAPING          |
| 4 | C9904  | 065G306K10123R    | CAP Y1 100PF 10% 250V Y5P               |
| 4 | C9908  | 065G306K22123R    | CAP Y1 220PF 10% 250V Y5P               |
| 4 | C9907  | 065G306K33123R    | CAP Y1 330PF 10% 250V Y5P               |
| 4 | C9902  | 065G306K33123R    | CAP Y1 330PF 10% 250V Y5P               |
| 4 | C9325  | 065G306M10233R    | CAP Y1 1NF 20% 250V Y5U                 |
| 4 | C9122  | 067G 3151007KB A  | EC 10UF 20% 50V 6.3*7 3000H ER          |
| 4 | C9114  | 067G 5153316KT    | EC 330UF 20% 35V 10*12 5000H EV         |
| 4 | C9317  | 067G 5154714KT    | EC 470UF 20% 25V 10*12 5000 hr 1.45A EV |
| 4 | C9304  | 067G 5154714KT    | EC 470UF 20% 25V 10*12 5000 hr 1.45A EV |
| 4 | C9805  | 067G315M2207KB    | EC 22UF 20% 50V 6.3*7 3000 hr           |
| 4 | C9124  | 067G315M2207KB    | EC 22UF 20% 50V 6.3*7 3000 hr           |
| 4 | FB9301 | 071G 55 23 S      | FERRITE BEAD LB 3.5*0.8*7.5A            |
| 4 | FB9302 | 071G 55 23 S      | FERRITE BEAD LB 3.5*0.8*7.5A            |
| 4 | FB9802 | 071G 55 23 S      | FERRITE BEAD LB 3.5*0.8*7.5A            |
| 4 | FB9803 | 071G 55 23 S      | FERRITE BEAD LB 3.5*0.8*7.5A            |
| 4 | FB9904 | 071G 55 23 S      | FERRITE BEAD LB 3.5*0.8*7.5A            |
| 4 | D9102  | 093G 52908        | RECTIFIER UF4007 A0 1 1000 DO-41        |
| 4 | D9303  | 093G 60953        | SCHOTTKY FR107G-A0 1A 1000V DO-41       |
| 4 | ZD9102 | 093G 39G 7        | ZENER GDZJ15B 15 0.5 DO-35              |
| 4 | D9301  | 093G1080 252T     | RECTIFIER SARS01-V1 1.2A 800V DO-41     |
| 4 | J909   | 095G 90 23        | JUMP WIRE - -                           |
| 4 | J918   | 095G 90 23        | JUMP WIRE - -                           |
| 4 | J914   | 095G 90 23        | JUMP WIRE - -                           |

|   |        |                    |   |
|---|--------|--------------------|---|
| 4 | J920   | 095G 90 23         | JUMP WIRE --                            |
| 4 | J913   | 095G 90 23         | JUMP WIRE --                            |
| 4 | J912   | 095G 90 23         | JUMP WIRE --                            |
| 4 | J910   | 095G 90 23         | JUMP WIRE --                            |
| 4 | J906   | 095G 90 23         | JUMP WIRE --                            |
| 4 | FB9102 | 095G 90 23         | JUMP WIRE --                            |
| 4 | J916   | 095G 90 23         | JUMP WIRE --                            |
| 4 | J919   | 095G 90 23         | JUMP WIRE --                            |
| 4 | J923   | 095G 90 23         | JUMP WIRE --                            |
| 4 | J915   | 095G 90 23         | JUMP WIRE --                            |
| 4 | J904   | 095G 90 23         | JUMP WIRE --                            |
| 4 | J902   | 095G 90 23         | JUMP WIRE --                            |
| 4 | J907   | 095G 90 23         | JUMP WIRE --                            |
| 4 | J921   | 095G 90 23         | JUMP WIRE --                            |
| 4 | J905   | 095G 90 23         | JUMP WIRE --                            |
| 4 | J911   | 095G 90 23         | JUMP WIRE --                            |
| 4 | J903   | 095G 90 23         | JUMP WIRE --                            |
| 4 | J917   | 095G 90 23         | JUMP WIRE --                            |
| 4 | R9301  | 361G015J10852T00TZ | RST WD 0.1R 5% 1W NKNP1WSOR1JT52E8      |
| 4 | R9306  | 361G152M22052T00TZ | RST MOF 22R 5% 2W MOF2WS22RJ52          |
| 4 | R9302  | 361G152M82352T00TZ | RST MOF 82K 5% 2W MOF2WS82KJT52         |
| 4 | R9321  | 361G2SWJ36852T00TZ | RST NWR 0R36 5% 2W NKNP2WSOR36JT52      |
| 4 | RV9902 | 362G0010501MIT     | SPARK GAP 500V -20/+30%                 |
| 4 | RV9903 | 362G0010501MIT     | SPARK GAP 500V -20/+30%                 |
| 4 | C9140  | 365G001D5096WT     | CAP CER 5PF 0.5pF 1KV SL CC81-1KV-06d-S |
| 4 | E715   | 715G6607P02001002M | PWR PCB FR2 CTI>600 SS 195.5*271*1.6MM  |
| 3 |        | LNEW661XXA6AI      | CONVERTER BOARD FOR AI                  |
| 4 | J8108  | 095G 90 23         | JUMP WIRE --                            |
| 4 | J8107  | 095G 90 23         | JUMP WIRE --                            |
| 4 | J8106  | 095G 90 23         | JUMP WIRE --                            |
| 4 | J8105  | 095G 90 23         | JUMP WIRE --                            |
| 4 | J8110  | 095G 90 23         | JUMP WIRE --                            |
| 4 | J8103  | 095G 90 23         | JUMP WIRE --                            |
| 4 | J8111  | 095G 90 23         | JUMP WIRE --                            |
| 4 | J8102  | 095G 90 23         | JUMP WIRE --                            |
| 4 | R8104  | 361G152M10852T00TZ | RST MOF 0.1R 5% 2W MOF2W0R1JT52         |
| 4 | E715   | 715G6432P01000002H | PWR PCB FR1 CTI>600 SS 150*150mm        |
| 4 | J8101  | 095G 90 23         | JUMP WIRE --                            |
| 4 | J8104  | 095G 90 23         | JUMP WIRE --                            |
| 4 | R8118  | 361G152M10852T00TZ | RST MOF 0.1R 5% 2W MOF2W0R1JT52         |
| 4 | R8104  | 061G152M10852T SY  | RST MOF 0R1 5% 2W                       |
| 4 | R8118  | 061G152M10852T SY  | RST MOF 0R1 5% 2W                       |

| 级别 | 点位      | 组件                 | 对象描述                                    | 替代项目组      |
|----|---------|--------------------|---|------------|
| 1  |         | X44GVB021020FA     | CUSHION-TL N/A China(2002)              |            |
| 1  |         | 036T 600 18129     | NONWOVEN FABRTC                         |            |
| 1  |         | 041G 68508 A       | control card                            |            |
| 1  | Q051    | 051G 2 14          | FUSE GEL                                |            |
| 1  |         | 0M1G 130 6 47 CR3  | SCREW M3 6                              |            |
| 1  |         | 0M1G1030 6 47 CR3  | SCREW M3 6                              |            |
| 1  |         | 0M1G1730 6120      | SCREW M3 6                              |            |
| 1  |         | 0M1G1730 8120      | SCREW M3 8                              |            |
| 1  |         | 0M1G1740 10120     | SCREW M4 10                             |            |
| 1  |         | 0M1G1740 10120     | SCREW M4 10                             |            |
| 1  |         | 0Q1G 930 8 47 CR3  | SCREW                                   |            |
| 1  |         | 0Q1G1030 6 47 CR3  | SCREW M3 6                              |            |
| 1  | E317    | 317GAAMB619TMBSZ0  | MAIN BOARD Hi3716M V200                 |            |
| 1  | SP01    | 378G0110450CAA     | 6 OHM 11W 132x33mm 100mm BOX            |            |
| 1  | ECN601  | 395G801404WD41     | HARNESS 4P pitch2.0-2P pitch2.5+2P pitc |            |
| 1  | ECN9102 | 395G801414RC52     | HARNESS 13P pitch2.0-14P pitch2.0 380mm |            |
| 1  | ECN9102 | 395G801414XC52     | HARNESS 13P pitch2.0-14P pitch2.0 380mm | 2nd-source |
| 1  | ECN702  | 395G801416DD32     | HARNESS 12P pitch2.0-16P pitch2.0 500mm |            |
| 1  | ECN108  | 395G802208WC09     | HARNESS 8P-8P 80MM                      |            |
| 1  | ECN404  | 395G802210DC14     | HARNESS 10P-10P 60                      |            |
| 1  | ECN107  | 395GH12506DT003000 | HARNESS 5P pitch1.25-6P pitch2.0 400mm  |            |
| 1  | ECN107  | 395GH12506HT003000 | HARNESS 5P pitch1.25-6P pitch2.0 400mm  | 2nd-source |
| 1  | ECN405  | 395GH20010DT019000 | HARNESS 10p-5p+2p 600/1100              |            |
| 1  | ECN405  | 395GH20010RT019000 | HARNESS 10p-5p+2p 600/1100              | 2nd-source |
| 1  | ECN402  | 395GLT5132R0070000 | LVDS CABLE 51P(0.5MM)-32P(2.0MM) 550MM  |            |
| 1  | RC01    | 398GR8BDBNCPHH     | REMOTE philips HOF-44K-GJ11789 chinese  |            |
| 1  |         | 708GVB020WPX01     | Ebony 40 ( 208 NA )                     |            |
| 1  | E750    | 750TBV550V64B8N000 | LCD TPT550J1-HVN06.U S410B XM TPV       | 2nd-source |
| 1  |         | 756TXFCB0KD010010X | MCU ASSY                                | 2nd-source |
| 1  |         | ADTVE1220XB8       | ADAPTER BOARD NA                        |            |
| 1  |         | CBPFKLDX3          | CONVERSION BOARD 715G6928M0C0000040     |            |
| 1  |         | IRPFFAA9           | IR BOARD                                |            |
| 1  |         | KEPFEEA9           | KEY BOARD                               |            |
| 1  |         | LNTVEW661XXA6      | CONVERTER BOARD --                      |            |
| 1  | E750    | LVA550HVN06ACL2P0J | PANEL TPT550J1-HVN06.U S410B XM TPV     |            |
| 1  |         | P33E0738XJL01T0100 | KEY_FUNCTION                            |            |
| 1  |         | P33E0756ALDZ1C0100 | DECO LOGO                               |            |
| 1  |         | P33E0757ADT01L0200 | DECO REAR COVER                         |            |
| 1  |         | P34E23680GM0FK0400 | REAR COVER NA                           |            |
| 1  |         | P34E2486ADT02L0200 | BASE NA                                 |            |
| 1  |         | P40GD000813 9A     | A4 PALLET LABEL -for A4 paper           |            |
| 1  |         | Q02G707106000100H1 | BOLT                                    |            |
| 1  |         | Q11G701100500100JY | PCB-SUPPORT D2.9xH14.97                 |            |
| 1  |         | Q12G6300 25 1      | FOOT PAD                                |            |
| 1  | EQ52C1  | Q12G714001200100HK | HEAT PAD                                |            |
| 1  |         | Q40G0001624 4A     | 产线需求的栈板LABEL                            |            |
| 1  |         | Q44T3231 21 11     | EVA WASHER                              |            |
| 1  |         | Q45G88010TV05500WI | PROTECT BAG                             |            |
| 1  |         | Q45G88010TV12000WI | PROTECT BAG 1200*1600                   |            |
| 1  |         | Q49G 51500 HF      | panel清洁剂                                |            |

|   |           |                    |   |  |
|---|-----------|--------------------|---|--|
| 1 |           | Q50G 500 TV005     | CABLE TIE                               |  |
| 1 | Q052      | Q52G100203000A00ZA | AL FOIL                                 |  |
| 1 |           | Q52G130118600000YY | TAPE                                    |  |
| 1 |           | Q52G1501150523AWB  | TAPE_INSULATING                         |  |
| 1 |           | Q52G160119100A00YY | TAPE                                    |  |
| 1 |           | X15T966610100000BL | BKT BASE                                |  |
| 1 |           | X15T966870100000LH | BKT IO                                  |  |
| 1 |           | X15T9669201000GMLH | BKT IO                                  |  |
| 1 |           | X15T968010100000NP | BKT STAND                               |  |
| 1 |           | X15T968110100000NP | BKT STAND                               |  |
| 1 |           | X15T984710100000GH | BKT STAND                               |  |
| 1 |           | X15T986310100000GH | BKT SPEAKER                             |  |
| 1 |           | X40G2015055X1600ZA | LABEL IO                                |  |
| 1 |           | X40G2015055X1700XY | LABEL IO                                |  |
| 1 |           | X44GVB02501EPE     | CUSHION N/A China(2002)                 |  |
| 1 |           | X44GVB0281302A00JA | ARTWORK CARTON Ebony 55HFA5857/T3 chin  |  |
| 1 |           | X52G18012660000ALF | INSULATING SHEET                        |  |
| 1 |           | X52G20010TV03700BK | INSULATING SHEET                        |  |
| 1 | E08902    | 089G 17356CY01     | RCA CABLE 100                           |  |
| 1 |           | 0M1G1740 18120 H1  | SCREW M4 18                             |  |
| 1 | 317G02    | 317GARFM008TCL     | RF MODULE GL03-2-E                      |  |
| 1 | E08901    | 389G214A15NHLL     | AC POWER CORD 1500 for China            |  |
| 1 | BT01      | 392GB1JA1A3E2C     | BATTERY 1.5V 2P LR03(KA)2S/G            |  |
| 1 |           | Q45G88010TV05600X1 | PROTECT BAG                             |  |
| 1 |           | X41G43MV81302B     | MANUAL 32HHA5857 43 49 55HFA5857/T3 DFU |  |
| 1 |           | X41G43SV81308A     | QSG 32HHA5857/T3 43 49 55HFA5857/T3 HTV |  |
| 1 |           | X41G78DV81311D     | WARRANTY CARD TPV address china         |  |
| 1 |           | X52G200124700000BK | TAPE                                    |  |
| 1 |           | 040G 58162435A     | MANUAL P/N LABEL                        |  |
| 1 |           | Q40G000162492A     | CEL LABEL FOR TV MODEL G3/1.3/0.5       |  |
| 1 |           | X40G0001624 2A     | Label for screw pe bag                  |  |
| 1 |           | X40G000181310C     | CARTON LABEL                            |  |
| 1 |           | X40G055081371A     | RATING LABEL 55HFA5857/T3               |  |
| 1 |           | Z40G0002ALL01A     | OTHER LABEL                             |  |
| 1 |           | X44GVB024020FA     | CUSHION-BR N/A China(2002)              |  |
| 1 |           | X44GVB022020FA     | CUSHION-TR N/A China(2002)              |  |
| 1 |           | X44GVB023020FA     | CUSHION-BL N/A China(2002)              |  |
| 1 |           | 708GVB020WPX01     | Ebony 40 ( 208 NA )                     |  |
| 2 |           | Q07G010513802C00BL | WOOD PALLET                             |  |
| 2 |           | Q07G012313802C00BL | WOOD PALLET                             |  |
| 2 |           | Q44G6002134101     | PAPER BOARD                             |  |
| 2 |           | Q44G6002137120     | PAPER BOARD                             |  |
| 2 |           | Q44G9003180        | CORNER PAPER                            |  |
| 2 |           | Q45G 77 5          | PE PACKING                              |  |
| 2 |           | Q50G 4 10          | TIE (Y1900221)                          |  |
| 2 |           | Q52G1301 9         | BIG TAPE FOR PHILIPS                    |  |
| 2 |           | X44G6002CP521A     | PAPER CAP5                              |  |
| 2 |           | X44G6002CP551A     | PAPER CAP5                              |  |
| 1 |           | 756TXFCB0KD010010X | MCU ASSY                                |  |
| 2 | SMTF-U402 | 100TPRVS011D1X     | PHP 55HFA5857/T3 FLASH V2.02 AC21       |  |
| 2 | U402      | 356G2233128600     | FLASH MX25L12835FM2I-10G 128Mb SOP-8(20 |  |

|   |           |                    |  |            |
|---|-----------|--------------------|--|------------|
| 1 |           | ADTVE1220XB8       | ADAPTER BOARD NA                         |            |
| 2 |           | Z40G0002ALL01A     | OTHER LABEL                              |            |
| 2 | GND2      | 009G6005 1         | GND TERMINAL                             |            |
| 2 | CN9102    | 033G380214B YH     | WAFER 2.0mm 14P W2015-14RVA-S01          |            |
| 2 | IC9104    | 056G 139 9         | IC EL817M(X) photocoupler DIP-4          |            |
| 2 | IC9304    | 056G 139 9         | IC EL817M(X) photocoupler DIP-4          |            |
| 2 | IC9102    | 056G 139 9         | IC EL817M(X) photocoupler DIP-4          |            |
| 2 | Q9105     | 057G 667929        | MOSFET AOTF8N50 8A 500V TO-220FP         |            |
| 2 | Q9106     | 057G 667929        | MOSFET AOTF8N50 8A 500V TO-220FP         |            |
| 2 | C9906     | 063G107M47410M     | CAP X2 470NF 20% 275V R46KI3470HAP1M     |            |
| 2 | C9905     | 063G107M47410M     | CAP X2 470NF 20% 275V R46KI3470HAP1M     |            |
| 2 | C9117     | 067G215Z102 6K     | LOW ESR EC 1000uF M 35V 10*35mm          |            |
| 2 | C9131     | 067G215Z102 6K     | LOW ESR EC 1000uF M 35V 10*35mm          |            |
| 2 | C9307     | 067G215Z152 6K     | EC 1500UF 20% 35V 10*40 5000 hr          |            |
| 2 | C9306     | 067G215Z152 6K     | EC 1500UF 20% 35V 10*40 5000 hr          |            |
| 2 | FB9801    | 071G 55906         | FERRITE CORE 510R C8B R6H 6x9.2(A)       |            |
| 2 | L9103     | 073G 253191 HP     | CHOKE COIL 1.1uH VOC                     |            |
| 2 | L9103     | 073G 253191 LP     | CHOKE COIL 1.1uH VOC                     | 2nd-source |
| 2 | CN9901    | 087G 50147D HC HF  | AC R/A 2P 12.81mm                        |            |
| 2 | D9801     | 093G 52918         | RECTIFIER 1N5408G-04 X0 3A 1000V DO201AD |            |
| 2 | FORCN9901 | 0Q1G 340 8140      | SCREW Q1-SELF TAPING SCREW :Q x8.0       |            |
| 2 | CN9101    | 311GW200C16BBX     | ONN 2.0mm 16P R/A W2010-16RVA-S04,B200   |            |
| 2 | RV9901    | 361G0046681KZE     | VARISTOR 680V 10%                        |            |
| 2 | NR9901    | 361G0058259MYW006A | NTCR 2.5R 20% 3.1W SCK132R56MTY504       |            |
| 2 | NR9902    | 361G0058259MYW006A | NTCR 2.5R 20% 3.1W SCK132R56MTY504       |            |
| 2 | R9808     | 361G3SWJ10859B00TZ | RST NWR 0.1R 5% 3W NKNP3WS0R1JMS10       |            |
| 2 | C9801     | 363G210K105GZP     | CAP MPP 1uF 10% 450V 18.1*12.6*8.5 ECWF  |            |
| 2 | C9111     | 363G211J2235HA     | CAP MPP 22nF 5% 1KV 18*5*11 R75QI2220HA0 |            |
| 2 | C9812     | 367G215X680PKZ000S | EC 68uF 20% 450V 12.5*50 2000 hr 620mA   |            |
| 2 | C9811     | 367G215X680PKZ000S | EC 68uF 20% 450V 12.5*50 2000 hr 620mA   |            |
| 2 | L9903     | 373G0174301H00     | LINE FILTER 0.25mH MIN 2A LCL-11010 HA   |            |
| 2 | L9903     | 373G0174301X00     | LINE FILTER 0.25mH MIN 2A 3LFT1064-251M  | 2nd-source |
| 2 | L9902     | 373G0174303H00     | LINE FILTER 18mH MIN 1.26A LCL-11822 HA  |            |
| 2 | L9901     | 373G0174303H00     | LINE FILTER 18mH MIN 1.26A LCL-11822 HA  |            |
| 2 | L9901     | 373G0174303X00     | LINE FILTER 18mH MIN 1.26 3LFT18106-183  | 2nd-source |
| 2 | L9902     | 373G0174303X00     | LINE FILTER 18mH MIN 1.26 3LFT18106-183  | 2nd-source |
| 2 | L9801     | 373G0174308H01     | PFC CHOKE 220uH 10% 2A GL-13240 HA       |            |
| 2 | L9801     | 373G0174308X01     | PFC CHOKE 220uH 10% 2A 3TRATQ32-221K     | 2nd-source |
| 2 | L9302     | 373G0253247H00     | CHOKE COIL 3UH 15% DR8*8 5A              |            |
| 2 | L9301     | 373G0253247H00     | CHOKE COIL 3UH 15% DR8*8 5A              |            |
| 2 | L9302     | 373G0253247X00     | CHOKE COIL 3UH 15% DR8*8 5A              | 2nd-source |
| 2 | L9301     | 373G0253247X00     | CHOKE COIL 3UH 15% DR8*8 5A              | 2nd-source |
| 2 | T9301     | 380GL32P141H03     | X'FMR 360uH 10% 5uH ER31 BCK-13142-HA1   |            |
| 2 | T9101     | 380GL52P186H00     | X'FMR 830uH 12% 160uH EE42 BCK-14234-H   |            |
| 2 | T9101     | 380GL52P186YS0     | X'FMR 830uH 12% 160uH EE42 YS04160730    | 2nd-source |
| 2 | BD9902    | 393G0050460600     | BRIDGE TS10P06G-04 10A 800V TS-6P        |            |
| 2 |           | 705TAD84023        | F9901                                    |            |
| 2 |           | 705TAD93119        | Q9801&Q9802                              |            |
| 2 |           | 705TAD93120        | Q9301                                    |            |
| 2 |           | 705TAD93121        | Q9303                                    |            |
| 2 |           | 705TXE93083        | D9103&D9104 ASSY                         |            |

|   |        |                    |   |  |
|---|--------|--------------------|---|--|
| 2 |        | ADE1220XB8SMT      | ADAPTER BOARD FOR SMT                   |  |
| 1 |        | CBPFEKLDX3         | CONVERSION BOARD 715G6928M0C0000040     |  |
| 2 | C632   | 067G315M1016KV     | EC 100UF 20% 35V 8*7                    |  |
| 2 | C633   | 067G315M1016KV     | EC 100UF 20% 35V 8*7                    |  |
| 2 | CN651  | 088G 30288C        | PHONE JACK 3P GREEN - 1 1               |  |
| 2 | CN102  | 088G 30288C        | PHONE JACK 3P GREEN - 1 1               |  |
| 2 | CN107  | 088G352F6B3ACL     | USB A TYPE R/A 6P BLACK H=8.4           |  |
| 2 | CN104  | 088G353GFF1AXH     | D-SUB CONN 15P BLUE - R/A 10            |  |
| 2 | CN403  | 311GB254J40ABX     | PIN HEADER 2.54mm 40P R/A H2530-40R4VB- |  |
| 2 | CN601  | 311GW200A04ABX     | WAFER 2.0mm 4P                          |  |
| 2 | CN405  | 311GW200C10AAL     | WAFER 2.0mm 10P                         |  |
| 2 | CN702  | 311GW200C12BBX     | CONN 2.0mm 12P R/A W2010-12RVA-S04      |  |
| 2 | CN402  | 311GW200C32AAL     | WAFER 2.0mm 32P                         |  |
| 2 | CN111  | 388G302F5B1ACL     | PHONE JACK R/A 5P 1*1 BLACK 8.5mm       |  |
| 2 | CN109  | 388G342G8B1AGN     | RJ45 R/A 8P 1+1 TWO LAYER W 9.5         |  |
| 2 | CN110  | 388G342G8B1AGN     | RJ45 R/A 8P 1+1 TWO LAYER W 9.5         |  |
| 2 | TU101  | 394GNPALALL26L     | TUNER CHINA ST18WM-2-E                  |  |
| 2 |        | SMTFEKLDX3         | MAIN BOARD FOR SMT                      |  |
| 2 | HS401  | X90G8014 1         | HEAT SINK                               |  |
| 1 |        | IRPFFAA9           | IR BOARD                                |  |
| 2 |        | SMTIRPFFAA9        | IR BOARD FOR SMT                        |  |
| 1 |        | KEPFEEA9           | KEY BOARD                               |  |
| 2 |        | SMTKEPFEEA9        | KEY BOARD FOR SMT                       |  |
| 1 |        | LNTVEW661XXA6      | CONVERTER BOARD --                      |  |
| 2 |        | Z40G0002ALL01A     | OTHER LABEL                             |  |
| 2 | CN8102 | 033G380212B YH     | wafer 12P 2.0 DIP                       |  |
| 2 | CN8101 | 033G380213B YH     | AFER 2.0mm 13P                          |  |
| 2 | C8105  | 067G515Z271 9K     | EC 270UF 20% 100V 10*40 5000 hr         |  |
| 2 | C8107  | 067G515Z271 9K     | EC 270UF 20% 100V 10*40 5000 hr         |  |
| 2 | C8106  | 067G515Z271 9K     | EC 270UF 20% 100V 10*40 5000 hr         |  |
| 2 | C8102  | 367G415X3317KT     | EC 330UF 20% 50V 12.5*12                |  |
| 2 | C8101  | 367G415X3317KT     | EC 330UF 20% 50V 12.5*12                |  |
| 2 | L8101  | 373G0253353X00     | BOOST CHOKE 33uH 10% 4A 3LCEQ2513-330K  |  |
| 2 |        | 705TXD57224        | Q8101                                   |  |
| 2 |        | 705TXD93200        | D8101                                   |  |
| 2 |        | LNEW661XXA6SMT     | CONVERTER BOARD FOR SMT                 |  |
| 2 |        | 705TAD84023        | F9901                                   |  |
| 3 | EF9901 | 084G 34 14         | bSE -- -- --                            |  |
| 3 | F9901  | 084G 41 7 C        | FUSE 5A 250V UDA005(PF)                 |  |
| 2 |        | 705TAD93119        | Q9801&Q9802                             |  |
| 3 | Q9801  | 057G 667954        | MOSFET TK18A60V 18A 600V SC-67          |  |
| 3 | D9802  | 093G 52905         | DIODE FMNS-1106S TO-220                 |  |
| 3 |        | 0M1G1730 8120      | SCREW M3 8                              |  |
| 3 | HS9801 | Q90T0236002A0000HG | HEAT SINK                               |  |
| 2 |        | 705TAD93120        | Q9301                                   |  |
| 3 | Q9301  | 057G 667931        | MOSFET AOTF8N65 8A 650V TO-220FP        |  |
| 3 |        | 0M1G1730 8120      | SCREW M3 8                              |  |
| 3 | HS9301 | Q90G0219 4         | HEAT SINK DġĠÄ/Profile                  |  |
| 2 |        | 705TAD93121        | Q9303                                   |  |
| 3 |        | 0M1G1730 8120      | SCREW M3 8                              |  |
| 3 | Q9303  | 357G0600100020     | MOSFET AOTF298L 33A 100V TO-220F        |  |

|   |        |                    |   |            |
|---|--------|--------------------|---|------------|
| 3 | HS9303 | Q90T0236001A0000HG | HEAT SINK                               |            |
| 2 |        | 705TXE93083        | D9103&D9104 ASSY                        |            |
| 3 | D9103  | 093G 60247         | ME-220A                                 |            |
| 3 | D9104  | 093G 60247         | ME-220A                                 |            |
| 3 |        | 0M1G1730 8120      | SCREW M3 8                              |            |
| 3 | HS9103 | Q90T0236003A0000HG | HEAT SINK                               |            |
| 2 |        | ADE1220XB8SMT      | ADAPTER BOARD FOR SMT                   |            |
| 3 | IC9305 | 056G 158501        | DC/DC AS431ANTR-E1 150mA 40V SOT23-3    | 2nd-source |
| 3 | IC9101 | 056G 379211        | AC/DC SSC9522S-TL SOP-18                |            |
| 3 | Q9103  | 057G 417517        | Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC |            |
| 3 | Q9104  | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |            |
| 3 | Q9101  | 057G 419912 T      | RANSISTOR 2SD1624T-TD-E PCP             |            |
| 3 | R9148  | 061G0805000 JF     | RST CHIPR 0 OHM +-5% 1/8W FENGHUA       |            |
| 3 | R9162  | 061G0805000 JT     | RST 0805 0.05R MAX 1/8W                 |            |
| 3 | R9802  | 061G0805100 JF     | RST CHIPR 10 OHM +-5% 1/8W FENGHUA      |            |
| 3 | R9109  | 061G0805100 JT     | RST CHIP 10R 1/8W 5% TZAI YUAN          |            |
| 3 | R9311  | 061G0805100 JT     | RST CHIP 10R 1/8W 5% TZAI YUAN          |            |
| 3 | R9133  | 061G08051001FT     | RST CHIP 1K 1/8W 1%                     |            |
| 3 | R9332  | 061G08051001FT     | RST CHIP 1K 1/8W 1%                     |            |
| 3 | R9137  | 061G08051001FT     | RST CHIP 1K 1/8W 1%                     |            |
| 3 | R9156  | 061G08051002FT     | RST CHIP 10K 1/8W 1%                    |            |
| 3 | R9152  | 061G08051002FT     | RST CHIP 10K 1/8W 1%                    |            |
| 3 | R9151  | 061G08051009FT     | RST CHIP R 10ohm +/-1% 1/8W             |            |
| 3 | R9150  | 061G08051009FT     | RST CHIP R 10ohm +/-1% 1/8W             |            |
| 3 | R9810  | 061G0805102 JF     | RST CHIPR 1K OHM +-5% 1/8W FENGHUA      |            |
| 3 | R9134  | 061G0805102 JT     | RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN   |            |
| 3 | R9806  | 061G0805103 JF     | RST CHIPR 10K OHM +-5% 1/8W FENGHUA     |            |
| 3 | R9813  | 061G0805103 JF     | RST CHIPR 10K OHM +-5% 1/8W FENGHUA     |            |
| 3 | R9314  | 061G0805103 JT     | RST 0805 10K 5% 1/8W                    |            |
| 3 | R9341  | 061G08051200FT     | RST CHIP 120R 1/8W 1%                   |            |
| 3 | R9103  | 061G08051600FF     | RST 0805 160R 1% 1/8W FENGHUA           |            |
| 3 | R9127  | 061G08051802FT     | RST 0805 18K 1% 1/8W                    |            |
| 3 | R9116  | 061G08051802FY     | RST CHIP 18K 1/8W 1%                    |            |
| 3 | R9811  | 061G08051912FT     | RST CHIPR 19K1 +-1% 1/8W TZAI YUAN      |            |
| 3 | R9128  | 061G0805202 JF     | RST CHIPR 2KOHM +-5% 1/8W FENGHUA       |            |
| 3 | R9814  | 061G0805202 JF     | RST CHIPR 2KOHM +-5% 1/8W FENGHUA       |            |
| 3 | R9136  | 061G0805202 JT     | RST CHIP 2K 1/8W 5% TZAI YUAN           |            |
| 3 | R9122  | 061G08052101FT     | RST CHIPR 2.1KOHM +-1% 1/8W TZAI YUAN   |            |
| 3 | R9340  | 061G08052201FT     | CHIP 2K2 1/8W 1%                        |            |
| 3 | R9312  | 061G08052209FT     | RST 0805 22R 1% 1/8W                    |            |
| 3 | R9112  | 061G0805229 JF     | RST CHIPR 2R2 +-5% 1/8W FENGHUA         |            |
| 3 | R9120  | 061G0805242 JF     | RST CHIPR 2.4KOHM +-5% 1/8W FENGHUA     |            |
| 3 | R9163  | 061G08052431FT     | RST CHIP 2K43 1/8W 1%                   |            |
| 3 | R9118  | 061G0805302 JY     | RST CHIPR 3K +-5% 1/8W YAGEO            |            |
| 3 | R9803  | 061G0805330 JT     | RST CHIP 33R 1/8W 5% TZAI YUAN          |            |
| 3 | R9812  | 061G0805363 JF     | ST CHIPR 36KOHM +-5% 1/8W FENGHUA       |            |
| 3 | R9119  | 061G08054701FT     | RST CHIP 4K7 1/8W 1%                    |            |
| 3 | R9117  | 061G0805471 JF     | RST CHIPR 470 OHM +-5% 1/8W FENGHUA     |            |
| 3 | R9328  | 061G0805472 JT     | RST CHIPR 4K7 +-5% 1/8W TZAI YUAN       |            |
| 3 | R9130  | 061G0805514 JF     | ST CHIPR 510KOHM +-5% 1/8W FENGHUA      |            |
| 3 | R9149  | 061G0805820 JY     | RST CHIP R 82ohm 1/8W +/-5% YAGEO       |            |



|   |       |                  |  |  |
|---|-------|------------------|--|--|
| 3 | R9154 | 061G0805820 JY   | RST CHIP R 82ohm 1/8W +/-5% YAGEO      |  |
| 3 | R9329 | 061G08059101FT   | RST CHIP 9K1 1/8W 1%                   |  |
| 3 | JR903 | 061G1206000 JT   | RST CHIPR MAX0R05 1/4W TZAI YUAN       |  |
| 3 | JR907 | 061G1206000 JT   | RST CHIPR MAX0R05 1/4W TZAI YUAN       |  |
| 3 | JR906 | 061G1206000 JT   | RST CHIPR MAX0R05 1/4W TZAI YUAN       |  |
| 3 | JR904 | 061G1206000 JT   | RST CHIPR MAX0R05 1/4W TZAI YUAN       |  |
| 3 | JR901 | 061G1206000 JT   | RST CHIPR MAX0R05 1/4W TZAI YUAN       |  |
| 3 | JR902 | 061G1206000 JT   | RST CHIPR MAX0R05 1/4W TZAI YUAN       |  |
| 3 | JR905 | 061G1206000 JT   | RST CHIPR MAX0R05 1/4W TZAI YUAN       |  |
| 3 | R9308 | 061G1206100 JT   | RST CHIPR 10 OHM +-5% 1/4W TZAI YUAN   |  |
| 3 | R9804 | 061G12061004FF E | RST CHIP 1M 1% 1/4W 500V FENGHUA       |  |
| 3 | R9809 | 061G12061004FF E | RST CHIP 1M 1% 1/4W 500V FENGHUA       |  |
| 3 | R9807 | 061G12061004FF E | RST CHIP 1M 1% 1/4W 500V FENGHUA       |  |
| 3 | R9131 | 061G1206101 JF   | RST CHIPR 100 OHM +-5% 1/4W FENGHUA    |  |
| 3 | R9132 | 061G1206101 JF   | RST CHIPR 100 OHM +-5% 1/4W FENGHUA    |  |
| 3 | R9102 | 061G1206101 JT   | RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN  |  |
| 3 | R9101 | 061G1206101 JT   | RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN  |  |
| 3 | R9129 | 061G1206102 JF   | RST CHIPR 1KOHM +-5% 1/4W FENGHUA      |  |
| 3 | R9324 | 061G1206103 JT   | RST CHIPR 10KOHM +-5% 1/4W TZAI YUAN   |  |
| 3 | R9138 | 061G1206104 JT   | RST CHIPR 100KOHM +-5% 1/4W TZAI YUAN  |  |
| 3 | R9143 | 061G1206123 JF   | RST CHIPR 12KOHM +-5% 1/4W FENGHUA     |  |
| 3 | R9141 | 061G1206123 JF   | RST CHIPR 12KOHM +-5% 1/4W FENGHUA     |  |
| 3 | R9124 | 061G1206123 JF   | RST CHIPR 12KOHM +-5% 1/4W FENGHUA     |  |
| 3 | R9139 | 061G1206123 JF   | RST CHIPR 12KOHM +-5% 1/4W FENGHUA     |  |
| 3 | R9142 | 061G1206123 JF   | RST CHIPR 12KOHM +-5% 1/4W FENGHUA     |  |
| 3 | R9327 | 061G12061501FF   | RST CHIPR 1.5KOHM +-1% 1/4W FENGHUA    |  |
| 3 | R9113 | 061G12061504FT   | RST CHIP 1M5 1/4W 1%                   |  |
| 3 | R9115 | 061G12061504FT   | RST CHIP 1M5 1/4W 1%                   |  |
| 3 | R9114 | 061G12061504FT   | RST CHIP 1M5 1/4W 1%                   |  |
| 3 | R9316 | 061G1206201 JT   | RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN  |  |
| 3 | R9315 | 061G1206201 JT   | RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN  |  |
| 3 | R9322 | 061G1206201 JT   | RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN  |  |
| 3 | R9320 | 061G1206201 JT   | RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN  |  |
| 3 | R9323 | 061G1206201 JT   | RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN  |  |
| 3 | R9319 | 061G1206201 JT   | RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN  |  |
| 3 | R9805 | 061G1206203 JF   | RST CHIPR 20KOHM +-5% 1/4W FENGHUA     |  |
| 3 | R9305 | 061G12062202FT   | RST 1206 22K 1% 1/4W TZAI YUAN         |  |
| 3 | R9318 | 061G1206471 JT   | ST CHIPR 470 OHM +-5% 1/4W TZAI YUAN   |  |
| 3 | R9303 | 061G1206479 JT   | RST 1206 4.7R 5% 1/4W                  |  |
| 3 | R9309 | 061G1206479 JT   | RST 1206 4.7R 5% 1/4W                  |  |
| 3 | R9310 | 061G1206512 JT   | RST CHIPR 5.1 KOHM +-5% 1/4W TZAI YUAN |  |
| 3 | R9325 | 061G1206512 JT   | RST CHIPR 5.1 KOHM +-5% 1/4W TZAI YUAN |  |
| 3 | R9905 | 061G1206514 JF E | RST CHIP 510K 5% 1/4W 500V FENGHUA     |  |
| 3 | R9904 | 061G1206514 JF E | RST CHIP 510K 5% 1/4W 500V FENGHUA     |  |
| 3 | R9903 | 061G1206514 JF E | RST CHIP 510K 5% 1/4W 500V FENGHUA     |  |
| 3 | R9902 | 061G1206514 JF E | RST CHIP 510K 5% 1/4W 500V FENGHUA     |  |
| 3 | R9105 | 061G1206561 JT   | RST CHIPR 560 OHM +-5% 1/4W TZAI YUAN  |  |
| 3 | C9316 | 065G080510131J Y | CAP CHIP 0805 100P 50V NP0 +/-5%       |  |
| 3 | C9315 | 065G080510131J Y | CAP CHIP 0805 100P 50V NP0 +/-5%       |  |
| 3 | C9322 | 065G080510232K Y | CAP CHIP 0805 1N 50V X7R +/-10%        |  |
| 3 | C9102 | 065G080510232K Y | CAP CHIP 0805 1N 50V X7R +/-10%        |  |

|   |        |                    |   |  |
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| 3 | C9323  | 065G080510232K Y   | CAP CHIP 0805 1N 50V X7R +/-10%         |  |
| 3 | C9101  | 065G080510232K Y   | CAP CHIP 0805 1N 50V X7R +/-10%         |  |
| 3 | C9320  | 065G080510432K F   | CAP CHIP 0805 0.1UF K 50V X7R           |  |
| 3 | C9113  | 065G080510432K F   | CAP CHIP 0805 0.1UF K 50V X7R           |  |
| 3 | C9318  | 065G080510432K F   | CAP CHIP 0805 0.1UF K 50V X7R           |  |
| 3 | C9119  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |  |
| 3 | C9135  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |  |
| 3 | C9806  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |  |
| 3 | C9137  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |  |
| 3 | C9128  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |  |
| 3 | C9123  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |  |
| 3 | C9108  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |  |
| 3 | C9144  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |  |
| 3 | C9314  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |  |
| 3 | C9302  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |  |
| 3 | C9337  | 065G080510532K M   | CAP 0805 1UF 10% 50V X7R                |  |
| 3 | C9141  | 065G080510532K M   | CAP 0805 1UF 10% 50V X7R                |  |
| 3 | C9145  | 065G080510532K M   | CAP 0805 1UF 10% 50V X7R                |  |
| 3 | C9143  | 065G080510532K M   | CAP 0805 1UF 10% 50V X7R                |  |
| 3 | C9312  | 065G080510532K M   | CAP 0805 1UF 10% 50V X7R                |  |
| 3 | C9134  | 065G080510532K M   | CAP 0805 1UF 10% 50V X7R                |  |
| 3 | C9313  | 065G080510532K M   | CAP 0805 1UF 10% 50V X7R                |  |
| 3 | C9807  | 065G080522131J F   | c69 CHIP 0805 220PF J 50V NPO           |  |
| 3 | C9109  | 065G080522131J M   | CAP 0805 220PF 5% 50V NP0               |  |
| 3 | C9129  | 065G080522432K T   | CAP 0805 220nF 10% 50V X7R UMK212 B7224 |  |
| 3 | C9132  | 065G080522432K T   | CAP 0805 220nF 10% 50V X7R UMK212 B7224 |  |
| 3 | C9130  | 065G080522432K T   | CAP 0805 220nF 10% 50V X7R UMK212 B7224 |  |
| 3 | C9133  | 065G080522432K T   | CAP 0805 220nF 10% 50V X7R UMK212 B7224 |  |
| 3 | C9116  | 065G080522432K T   | CAP 0805 220nF 10% 50V X7R UMK212 B7224 |  |
| 3 | C9138  | 065G080522432K T   | CAP 0805 220nF 10% 50V X7R UMK212 B7224 |  |
| 3 | C9329  | 065G080522432K Y   | CAP CHIP 0805 220N 50V X7R +/-10%       |  |
| 3 | C9804  | 065G080547031J Y   | AP CHIP 0805 47P 50V NP0 +/-5%          |  |
| 3 | C9106  | 065G080547031J Y   | AP CHIP 0805 47P 50V NP0 +/-5%          |  |
| 3 | C9808  | 065G080547031J Y   | AP CHIP 0805 47P 50V NP0 +/-5%          |  |
| 3 | C9324  | 065G080547131J Y   | CAP CHIP 0805 470P 50V NPO +/-5%        |  |
| 3 | C9326  | 065G080547232K A   | CAP 0805 4.7NF 10% 50V X7R              |  |
| 3 | C9809  | 065G080547332K Y   | CAP CHIP 0805 47N 50V X7R +/-10%        |  |
| 3 | C9810  | 065G080547432K T   | CAP CHIP 0805 0.47UF K 50V X7R          |  |
| 3 | C9142  | 065G0805475A2K T   | CAP CHIP 0805 4.7uF K 10V X7R           |  |
| 3 | C9139  | 065G080556131J Y   | CAP CHIP 0805 560P 50V NP0 +/-5%        |  |
| 3 | IC9305 | 356G01585020HF     | Shunt Regu TL431G-AE2-R SOT23-3         |  |
| 3 | IC9801 | 356G0379008218     | PFC LD7591T GS SOP-8                    |  |
| 3 | IC9301 | 356G0379213        | AC/DC SSC2S110 SOP-8                    |  |
| 3 | IC9302 | 356GD563008152000Z | DC/DC SP6018S8RGB 2A 16V SOP-8          |  |
| 3 | Q9102  | 357G07630620HF     | HF MOSFET 2N7002K_R1_00001 0.3A 60V     |  |
| 3 | R9901  | 361G12069103FT     | RST 1206 910K 1% 1/4W RC1206FR-07910KL, |  |
| 3 | R9906  | 361G12069103FT     | RST 1206 910K 1% 1/4W RC1206FR-07910KL, |  |
| 3 | D9109  | 393G006432S0HF     | SWITCHING 1N4148W 0.15A 75V SOD-123     |  |
| 3 | ZD9107 | 393G039S95200T00HF | HF BZT52-B6V2_R1_00001 6.2V 0.41W       |  |
| 3 | ZD9106 | 393G039S95200T00HF | HF BZT52-B6V2_R1_00001 6.2V 0.41W       |  |
| 3 | ZD9302 | 393G039SA1300T     | ZENER BZT52-B39_R1_00001 39V 0.41W      |  |

|   |        |                    |   |  |
|---|--------|--------------------|---|--|
| 3 | ZD9301 | 393G039SA1300T     | ZENER BZT52-B39 R1 00001 39V 0.41W      |  |
| 3 | ZD9103 | 393G039SA2900T     | ZENER BZT52-B15 15V 0.41 SOD-123        |  |
| 3 | ZD9101 | 393G039SA2900T     | ZENER BZT52-B15 15V 0.41 SOD-123        |  |
| 3 | ZD9105 | 393G039SA2900T     | ZENER BZT52-B15 15V 0.41 SOD-123        |  |
| 3 | D9113  | 393G060S50000T00HF | HF SS1060FL R1 00001 1A 60V SOD123FL    |  |
| 3 | D9302  | 393G060S50000T00HF | HF SS1060FL R1 00001 1A 60V SOD123FL    |  |
| 3 | D9110  | 393G060S50000T00HF | HF SS1060FL R1 00001 1A 60V SOD123FL    |  |
| 3 | D9107  | 393G060S50000T00HF | HF SS1060FL R1 00001 1A 60V SOD123FL    |  |
| 3 | D9803  | 393G060S50000T00HF | HF SS1060FL R1 00001 1A 60V SOD123FL    |  |
| 3 | D9304  | 393G060S50000T00HF | HF SS1060FL R1 00001 1A 60V SOD123FL    |  |
| 3 | D9114  | 393G060S50000T00HF | HF SS1060FL R1 00001 1A 60V SOD123FL    |  |
| 3 | D9307  | 393G060SA0700T     | SCHOTTKY MB810 8A 100V SMC              |  |
| 3 |        | ADE1220XB8AI       | ADAPTER BOARD FOR AI                    |  |
| 2 |        | SMTFEKLDX3         | MAIN BOARD FOR SMT                      |  |
| 3 | CN404  | 033G803210F S HR   | CONNECTOR                               |  |
| 3 | U101   | 056G 563114        | LDO G1117-33T63UF 1A 3.3V SOT-223       |  |
| 3 | Q502   | 057G 417511        | MMBT3904                                |  |
| 3 | Q501   | 057G 417511        | MMBT3904                                |  |
| 3 | Q653   | 057G 417512        | MMBT3906                                |  |
| 3 | Q602   | 057G 417517        | Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC |  |
| 3 | Q402   | 057G 417517        | Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC |  |
| 3 | Q401   | 057G 417517        | Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC |  |
| 3 | Q601   | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |  |
| 3 | Q650   | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |  |
| 3 | Q705   | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |  |
| 3 | Q707   | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |  |
| 3 | Q706   | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |  |
| 3 | Q703   | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |  |
| 3 | Q702   | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |  |
| 3 | Q404   | 057G 417518        | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |  |
| 3 | RP405  | 061G 1260008JY     | RST CHIP AR 8P4R 0 OHM +-5% 1/16W       |  |
| 3 | RP402  | 061G 1260008JY     | RST CHIP AR 8P4R 0 OHM +-5% 1/16W       |  |
| 3 | RP403  | 061G 1260008JY     | RST CHIP AR 8P4R 0 OHM +-5% 1/16W       |  |
| 3 | RP401  | 061G 1260008JY     | RST CHIP AR 8P4R 0 OHM +-5% 1/16W       |  |
| 3 | RP404  | 061G 1260008JY     | RST CHIP AR 8P4R 0 OHM +-5% 1/16W       |  |
| 3 | TH701  | 061G 56A075 LT HF  | SMD PTC 0.75A 1206L075THYR              |  |
| 3 | R407   | 061G0402000 JF     | RST CHIPR MAX0R05 1/16W FENGHUA         |  |
| 3 | R608   | 061G0402000 JF     | RST CHIPR MAX0R05 1/16W FENGHUA         |  |
| 3 | R664   | 061G0402000 JF     | RST CHIPR MAX0R05 1/16W FENGHUA         |  |
| 3 | R406   | 061G0402000 JF     | RST CHIPR MAX0R05 1/16W FENGHUA         |  |
| 3 | R409   | 061G0402000 JF     | RST CHIPR MAX0R05 1/16W FENGHUA         |  |
| 3 | R735   | 061G0402000 JT     | RST 0402 0.05R MAX 1/16W -              |  |
| 3 | R662   | 061G0402100 JF     | RST CHIPR 10 OHM +-5% 1/16W FENGHUA     |  |
| 3 | R665   | 061G0402100 JF     | RST CHIPR 10 OHM +-5% 1/16W FENGHUA     |  |
| 3 | R620   | 061G0402100 JF     | RST CHIPR 10 OHM +-5% 1/16W FENGHUA     |  |
| 3 | R614   | 061G0402100 JF     | RST CHIPR 10 OHM +-5% 1/16W FENGHUA     |  |
| 3 | R603   | 061G0402100 JF     | RST CHIPR 10 OHM +-5% 1/16W FENGHUA     |  |
| 3 | R602   | 061G0402100 JF     | RST CHIPR 10 OHM +-5% 1/16W FENGHUA     |  |
| 3 | R418   | 061G04021001FF     | RST CHIPR 1KOHM +-1% 1/16W FENGHUA      |  |
| 3 | R421   | 061G04021001FF     | RST CHIPR 1KOHM +-1% 1/16W FENGHUA      |  |
| 3 | R703   | 061G04021003FY     | RST CHIP 100K 1/16W 1%                  |  |

|   |      |                |                                      |  |
|---|------|----------------|--------------------------------------|--|
| 3 | R717 | 061G04021003FY | RST CHIP 100K 1/16W 1%               |  |
| 3 | R720 | 061G04021003FY | RST CHIP 100K 1/16W 1%               |  |
| 3 | R451 | 061G0402101 JF | RST CHIPR 100 OHM +-5% 1/16W FENGHUA |  |
| 3 | R457 | 061G0402101 JF | RST CHIPR 100 OHM +-5% 1/16W FENGHUA |  |
| 3 | R455 | 061G0402101 JF | RST CHIPR 100 OHM +-5% 1/16W FENGHUA |  |
| 3 | R454 | 061G0402101 JF | RST CHIPR 100 OHM +-5% 1/16W FENGHUA |  |
| 3 | R452 | 061G0402101 JT | RST CHIP 100R 1/16W 5% TZAI YUAN     |  |
| 3 | R453 | 061G0402101 JT | RST CHIP 100R 1/16W 5% TZAI YUAN     |  |
| 3 | R607 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R128 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R129 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R127 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R609 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R116 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R115 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R121 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R110 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R126 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R510 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R511 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R137 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R108 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R724 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R136 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R131 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R130 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R109 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R158 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R159 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R172 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R171 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R509 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R139 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R114 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R508 | 061G0402101 JY | RST CHIPR 100 OHM +-5% 1/16W YAGEO   |  |
| 3 | R173 | 061G0402102 JF | RST CHIPR 1KOHM +-5% 1/16W FENGHUA   |  |
| 3 | R424 | 061G0402102 JF | RST CHIPR 1KOHM +-5% 1/16W FENGHUA   |  |
| 3 | R516 | 061G0402102 JF | RST CHIPR 1KOHM +-5% 1/16W FENGHUA   |  |
| 3 | R513 | 061G0402102 JF | RST CHIPR 1KOHM +-5% 1/16W FENGHUA   |  |
| 3 | R613 | 061G0402102 JY | RST CHIPR 1KOHM +-5% 1/16W YAGEO     |  |
| 3 | R601 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R740 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R106 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R742 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R610 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R604 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R122 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R123 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R124 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R517 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R514 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |

|   |      |                |                                      |  |
|---|------|----------------|--------------------------------------|--|
| 3 | R725 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R616 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R405 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R107 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R135 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R523 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R718 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R733 | 061G0402103 JF | RST CHIPR 10KOHM +-5% 1/16W FENGHUA  |  |
| 3 | R174 | 061G0402103 JT | RST CHIP 10K 1/16W 5% TZAI YUAN      |  |
| 3 | R462 | 061G0402103 JT | RST CHIP 10K 1/16W 5% TZAI YUAN      |  |
| 3 | R712 | 061G0402103 JT | RST CHIP 10K 1/16W 5% TZAI YUAN      |  |
| 3 | R722 | 061G0402103 JY | RST CHIPR 10KOHM +-5% 1/16W YAGEO    |  |
| 3 | R702 | 061G0402104 JF | RST CHIPR 100KOHM +-5% 1/16W FENGHUA |  |
| 3 | R621 | 061G0402104 JF | RST CHIPR 100KOHM +-5% 1/16W FENGHUA |  |
| 3 | R708 | 061G0402104 JY | RST CHIPR 100KOHM +-5% 1/16W YAGEO   |  |
| 3 | R531 | 061G0402105 JF | RST CHIPR 1MOHM 5% 1/16W FENGHUA     |  |
| 3 | R530 | 061G0402105 JF | RST CHIPR 1MOHM 5% 1/16W FENGHUA     |  |
| 3 | R704 | 061G04021501FF | RST CHIP 1K5 1/16W 1% FENGHUA        |  |
| 3 | R446 | 061G0402201 JF | RST CHIPR 200 OHM +-5% 1/16W FENGHUA |  |
| 3 | R443 | 061G0402201 JF | RST CHIPR 200 OHM +-5% 1/16W FENGHUA |  |
| 3 | R133 | 061G04022201FY | RST CHIPR 2.2KOHM +-1% 1/16W YAGEO   |  |
| 3 | R132 | 061G04022201FY | RST CHIPR 2.2KOHM +-1% 1/16W YAGEO   |  |
| 3 | R404 | 061G04022702FF | RST CHIP 27K 1/16W 1% FENGHUA        |  |
| 3 | R705 | 061G04023602FT | RST 0402 36K 1% 1/16W                |  |
| 3 | R524 | 061G0402393 JF | RST CHIP 39K 1/16W 5% FENGHUA        |  |
| 3 | R605 | 061G0402433 JY | RST CHIPR 43KOHM +-5% 1/16W YAGEO    |  |
| 3 | R739 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R721 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R467 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R709 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R420 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R504 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R422 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R501 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R506 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R154 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R155 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R505 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R751 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R437 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R412 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R414 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R416 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R466 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R427 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R429 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R713 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R623 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R433 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R431 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |
| 3 | R435 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA |  |

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| 3 | R436 | 061G0402472 JF | RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA    |  |
| 3 | R445 | 061G0402472 JT | RST CHIP 4K7 1/16W 5% TZAI YUAN         |  |
| 3 | R444 | 061G0402472 JT | RST CHIP 4K7 1/16W 5% TZAI YUAN         |  |
| 3 | R442 | 061G0402472 JT | RST CHIP 4K7 1/16W 5% TZAI YUAN         |  |
| 3 | R450 | 061G0402472 JT | RST CHIP 4K7 1/16W 5% TZAI YUAN         |  |
| 3 | R449 | 061G0402472 JT | RST CHIP 4K7 1/16W 5% TZAI YUAN         |  |
| 3 | R441 | 061G0402472 JT | RST CHIP 4K7 1/16W 5% TZAI YUAN         |  |
| 3 | R468 | 061G0402472 JT | RST CHIP 4K7 1/16W 5% TZAI YUAN         |  |
| 3 | R715 | 061G0402473 JF | RST CHIPR 47KOHM +-5% 1/16W FENGHUA     |  |
| 3 | R729 | 061G0402473 JF | RST CHIPR 47KOHM +-5% 1/16W FENGHUA     |  |
| 3 | R512 | 061G0402473 JF | RST CHIPR 47KOHM +-5% 1/16W FENGHUA     |  |
| 3 | R515 | 061G0402473 JF | RST CHIPR 47KOHM +-5% 1/16W FENGHUA     |  |
| 3 | R465 | 061G0402473 JT | RST CHIP 47K 1/16W 5% TZAI YUAN         |  |
| 3 | R525 | 061G0402564 JY | RST 0402 560K 5% 1/16W RC0402JR-07560KL |  |
| 3 | R529 | 061G0402564 JY | RST 0402 560K 5% 1/16W RC0402JR-07560KL |  |
| 3 | R403 | 061G04026201FF | RST CHIP 6.2K 1/16W 1% FENGHUA          |  |
| 3 | R448 | 061G04026801FF | RST CHIPR 6.8K +-1% 1/16W FENGHUA       |  |
| 3 | R447 | 061G04026801FF | RST CHIPR 6.8K +-1% 1/16W FENGHUA       |  |
| 3 | R669 | 061G04027509FT | RST CHIP 75R 1/16W 1%                   |  |
| 3 | R670 | 061G04027509FT | RST CHIP 75R 1/16W 1%                   |  |
| 3 | R671 | 061G04027509FT | RST CHIP 75R 1/16W 1%                   |  |
| 3 | R656 | 061G04027509FT | RST CHIP 75R 1/16W 1%                   |  |
| 3 | R402 | 061G0603000 JF | RST CHIPR MAX 0R05 1/10W FENGHUA        |  |
| 3 | R408 | 061G0603000 JF | RST CHIPR MAX 0R05 1/10W FENGHUA        |  |
| 3 | R102 | 061G0603000 JT | RST CHIP MAX 0R05 1/10W TZAI YUAN       |  |
| 3 | R103 | 061G0603000 JT | RST CHIP MAX 0R05 1/10W TZAI YUAN       |  |
| 3 | R663 | 061G06031003FT | RST CHIP 100K 1/10W 1%                  |  |
| 3 | R526 | 061G0603101 JF | RST CHIPR 100 OHM +-5% 1/10W FENGHUA    |  |
| 3 | R612 | 061G0603102 JY | RST CHIPR 1KOHM +-5% 1/10W YAGEO        |  |
| 3 | R611 | 061G0603102 JY | RST CHIPR 1KOHM +-5% 1/10W YAGEO        |  |
| 3 | R119 | 061G0603103 JF | RST CHIPR 10K OHM +-5% 1/10W FENGHUA    |  |
| 3 | R140 | 061G0603103 JF | RST CHIPR 10K OHM +-5% 1/10W FENGHUA    |  |
| 3 | R142 | 061G0603103 JF | RST CHIPR 10K OHM +-5% 1/10W FENGHUA    |  |
| 3 | R668 | 061G0603103 JF | RST CHIPR 10K OHM +-5% 1/10W FENGHUA    |  |
| 3 | R650 | 061G0603103 JF | RST CHIPR 10K OHM +-5% 1/10W FENGHUA    |  |
| 3 | R120 | 061G0603103 JF | RST CHIPR 10K OHM +-5% 1/10W FENGHUA    |  |
| 3 | R655 | 061G0603103 JT | RST CHIP 10K 1/10W 5% TZAI YUAN         |  |
| 3 | R463 | 061G0603103 JT | RST CHIP 10K 1/10W 5% TZAI YUAN         |  |
| 3 | R660 | 061G0603103 JY | RST CHIPR 10KOHM £«-5% 1/10W YAGEO      |  |
| 3 | R661 | 061G0603103 JY | RST CHIPR 10KOHM £«-5% 1/10W YAGEO      |  |
| 3 | R658 | 061G0603103 JY | RST CHIPR 10KOHM £«-5% 1/10W YAGEO      |  |
| 3 | R653 | 061G0603104 JT | RST CHIP 100K 1/10W 5% TZAI YUAN        |  |
| 3 | R730 | 061G06031200FF | RST CHIPR 120 OHM +-1% 1/10W FENGHUA    |  |
| 3 | R707 | 061G06031332FF | RST 0603 13.3K 1% 1/10W FENGHUA         |  |
| 3 | R723 | 061G06032000FF | RST CHIPR 200 OHM +-1% 1/10W FENGHUA    |  |
| 3 | R527 | 061G0603201 JF | RST CHIP 200R 1/10W 5% FENGHUA          |  |
| 3 | R726 | 061G06032200FT | RST CHIP 220R 1/10W 1%                  |  |
| 3 | R728 | 061G06032209FT | RST CHIP 22R 1/10W 1%                   |  |
| 3 | R732 | 061G06032409FT | RST CHIP 24R 1/10W 1%                   |  |
| 3 | R666 | 061G06032702FT | RST CHIP 27K 1/10W 1%                   |  |
| 3 | R667 | 061G0603472 JF | RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA    |  |

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| 3 | R659 | 061G0603472 JF   | RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA    |  |
| 3 | R104 | 061G0603682 JT   | RST CHIP 6K8 1/10W 5% TZAI YUAN         |  |
| 3 | R117 | 061G0603682 JT   | RST CHIP 6K8 1/10W 5% TZAI YUAN         |  |
| 3 | R105 | 061G0603682 JT   | RST CHIP 6K8 1/10W 5% TZAI YUAN         |  |
| 3 | R118 | 061G0603682 JT   | RST CHIP 6K8 1/10W 5% TZAI YUAN         |  |
| 3 | R143 | 061G0603682 JT   | RST CHIP 6K8 1/10W 5% TZAI YUAN         |  |
| 3 | R141 | 061G0603682 JT   | RST CHIP 6K8 1/10W 5% TZAI YUAN         |  |
| 3 | R101 | 061G0603750 JF   | RST CHIPR 75OHM +- 5% 1/10W FENGHUA     |  |
| 3 | R113 | 061G0603750 JF   | RST CHIPR 75OHM +- 5% 1/10W FENGHUA     |  |
| 3 | R112 | 061G0603750 JF   | RST CHIPR 75OHM +- 5% 1/10W FENGHUA     |  |
| 3 | R125 | 061G0603750 JF   | RST CHIPR 75OHM +- 5% 1/10W FENGHUA     |  |
| 3 | R111 | 061G0603750 JF   | RST CHIPR 75OHM +- 5% 1/10W FENGHUA     |  |
| 3 | R134 | 061G0603750 JF   | RST CHIPR 75OHM +- 5% 1/10W FENGHUA     |  |
| 3 | R138 | 061G0603750 JF   | RST CHIPR 75OHM +- 5% 1/10W FENGHUA     |  |
| 3 | C145 | 065G040210031J F | CAP 0402 10PF 5% 50V NP0                |  |
| 3 | C144 | 065G040210031J F | CAP 0402 10PF 5% 50V NP0                |  |
| 3 | C111 | 065G040210031J Y | CAP 0402 10PF 5% 50V NP0                |  |
| 3 | C472 | 065G040210131J A | CAP CHIP 0402 100PF J 50V NPO           |  |
| 3 | C491 | 065G040210131J A | CAP CHIP 0402 100PF J 50V NPO           |  |
| 3 | C601 | 065G040210232K Y | CAP 0402 1NF 10% 50V X7R CC0402KRX7R9BB |  |
| 3 | C604 | 065G040210232K Y | CAP 0402 1NF 10% 50V X7R CC0402KRX7R9BB |  |
| 3 | C146 | 065G040210332K A | CAP 0402 10NF 10% 50V X7R               |  |
| 3 | C479 | 065G040210412K T | CAP CHIP 0402 100nF 16V X7R             |  |
| 3 | C470 | 065G040210412K T | CAP CHIP 0402 100nF 16V X7R             |  |
| 3 | C471 | 065G040210412K T | CAP CHIP 0402 100nF 16V X7R             |  |
| 3 | C625 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C454 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C452 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C734 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C716 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C444 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C443 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C442 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C447 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C732 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C460 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C466 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C465 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C446 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C505 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C436 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C450 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C459 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C147 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C441 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C462 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C461 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C435 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C131 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C615 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C132 | 065G040210412K Y | CAP 0402 100NF 10% 16V X7R              |  |

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|---|------|----------------|---|---|--|
| 3 | C463 | 065G040210412K | Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C464 | 065G040210412K | Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C401 | 065G040210412K | Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C477 | 065G040210412K | Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C475 | 065G040210412K | Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C445 | 065G040210412K | Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C448 | 065G040210412K | Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C437 | 065G040210412K | Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C721 | 065G040210412K | Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C607 | 065G040210412K | Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C420 | 065G040210412K | Y | CAP 0402 100NF 10% 16V X7R              |  |
| 3 | C720 | 065G0402105A5K | A | CAP CHIP 0402 1UF K 10V X5R             |  |
| 3 | C421 | 065G0402105A5K | A | CAP CHIP 0402 1UF K 10V X5R             |  |
| 3 | C430 | 065G0402105A5K | A | CAP CHIP 0402 1UF K 10V X5R             |  |
| 3 | C718 | 065G0402105A5K | A | CAP CHIP 0402 1UF K 10V X5R             |  |
| 3 | C624 | 065G0402105A5K | A | CAP CHIP 0402 1UF K 10V X5R             |  |
| 3 | C626 | 065G0402105A5K | A | CAP CHIP 0402 1UF K 10V X5R             |  |
| 3 | C724 | 065G0402105A5K | A | CAP CHIP 0402 1UF K 10V X5R             |  |
| 3 | C137 | 065G0402105A5K | A | CAP CHIP 0402 1UF K 10V X5R             |  |
| 3 | C467 | 065G0402105A5K | A | CAP CHIP 0402 1UF K 10V X5R             |  |
| 3 | C141 | 065G0402105A5K | A | CAP CHIP 0402 1UF K 10V X5R             |  |
| 3 | C429 | 065G0402105A5K | A | CAP CHIP 0402 1UF K 10V X5R             |  |
| 3 | C431 | 065G040215031J | A | CAP 0402 15PF 5% 50V NP0                |  |
| 3 | C432 | 065G040218031J | A | CAP 0402 18PF J 50V NPO                 |  |
| 3 | C139 | 065G040220031J | F | CAP 0402 20PF 5% 50V NP0                |  |
| 3 | C138 | 065G040220031J | F | CAP 0402 20PF 5% 50V NP0                |  |
| 3 | C704 | 065G040222031J | T | CAP 0402 22pF 5% 50V NP0 UMK105 CG220JV |  |
| 3 | C730 | 065G040222031J | Y | CAP CHIP 0402 22P 50V NP0 +/-5%         |  |
| 3 | C110 | 065G040222031J | Y | CAP CHIP 0402 22P 50V NP0 +/-5%         |  |
| 3 | C606 | 065G040233131J | T | AP CHIP 0402 330PF 50V J NPO            |  |
| 3 | C665 | 065G040233131J | T | AP CHIP 0402 330PF 50V J NPO            |  |
| 3 | C669 | 065G040233131J | T | AP CHIP 0402 330PF 50V J NPO            |  |
| 3 | C628 | 065G040233131J | T | AP CHIP 0402 330PF 50V J NPO            |  |
| 3 | C610 | 065G040233131J | T | AP CHIP 0402 330PF 50V J NPO            |  |
| 3 | C621 | 065G040233131J | T | AP CHIP 0402 330PF 50V J NPO            |  |
| 3 | C108 | 065G040247131J | A | CAP CHIP 0402 470PF J 50V NPO           |  |
| 3 | C107 | 065G040247131J | A | CAP CHIP 0402 470PF J 50V NPO           |  |
| 3 | C115 | 065G040247131J | A | CAP CHIP 0402 470PF J 50V NPO           |  |
| 3 | C114 | 065G040247131J | A | CAP CHIP 0402 470PF J 50V NPO           |  |
| 3 | C404 | 065G040247312K | Y | CAP 0402 47NF 10% 16V X7R               |  |
| 3 | C403 | 065G040247312K | Y | CAP 0402 47NF 10% 16V X7R               |  |
| 3 | C415 | 065G040247312K | Y | CAP 0402 47NF 10% 16V X7R               |  |
| 3 | C407 | 065G040247312K | Y | CAP 0402 47NF 10% 16V X7R               |  |
| 3 | C408 | 065G040247312K | Y | CAP 0402 47NF 10% 16V X7R               |  |
| 3 | C411 | 065G040247312K | Y | CAP 0402 47NF 10% 16V X7R               |  |
| 3 | C410 | 065G040247312K | Y | CAP 0402 47NF 10% 16V X7R               |  |
| 3 | C409 | 065G040247312K | Y | CAP 0402 47NF 10% 16V X7R               |  |
| 3 | C405 | 065G040247312K | Y | CAP 0402 47NF 10% 16V X7R               |  |
| 3 | C406 | 065G040247312K | Y | CAP 0402 47NF 10% 16V X7R               |  |
| 3 | C729 | 065G040247505M | M | CAP 0402 4.7UF 20% 6.3V X5R             |  |
| 3 | C104 | 065G040250931C | Y | CAP 0402 5PF 0.25pF 50V NP0             |  |



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| 3 | C106 | 065G040250931C | Y | CAP 0402 5PF 0.25pF 50V NP0            |  |
| 3 | C105 | 065G040250931C | Y | CAP 0402 5PF 0.25pF 50V NP0            |  |
| 3 | C113 | 065G040250931C | Y | CAP 0402 5PF 0.25pF 50V NP0            |  |
| 3 | C109 | 065G040250931C | Y | CAP 0402 5PF 0.25pF 50V NP0            |  |
| 3 | C112 | 065G040250931C | Y | CAP 0402 5PF 0.25pF 50V NP0            |  |
| 3 | C678 | 065G060310232K | A | CAP CHIP 0603 1000pF K 50V X7R         |  |
| 3 | C675 | 065G060310232K | A | CAP CHIP 0603 1000pF K 50V X7R         |  |
| 3 | C677 | 065G060310232K | A | CAP CHIP 0603 1000pF K 50V X7R         |  |
| 3 | C661 | 065G060310232K | A | CAP CHIP 0603 1000pF K 50V X7R         |  |
| 3 | C727 | 065G060310432K | A | 3206D1701300NF 10% 50V X7R             |  |
| 3 | C660 | 065G060310432K | A | 3206D1701300NF 10% 50V X7R             |  |
| 3 | C674 | 065G060310432K | A | 3206D1701300NF 10% 50V X7R             |  |
| 3 | C713 | 065G060310432K | A | 3206D1701300NF 10% 50V X7R             |  |
| 3 | C708 | 065G060310432K | A | 3206D1701300NF 10% 50V X7R             |  |
| 3 | C744 | 065G060310432K | A | 3206D1701300NF 10% 50V X7R             |  |
| 3 | C703 | 065G060310432K | F | CAP CHIP 0603 0.1UF K 50V X7R          |  |
| 3 | C602 | 065G060310512K | A | CAP 0603 1UF 10% 16V X7R               |  |
| 3 | C616 | 065G060310512K | A | CAP 0603 1UF 10% 16V X7R               |  |
| 3 | C618 | 065G060310512K | A | CAP 0603 1UF 10% 16V X7R               |  |
| 3 | C731 | 065G060310512K | A | CAP 0603 1UF 10% 16V X7R               |  |
| 3 | C623 | 065G060310512K | A | CAP 0603 1UF 10% 16V X7R               |  |
| 3 | C439 | 065G060310605M | A | MLCC 0603 10UF 6.3V X5R +-20%          |  |
| 3 | C440 | 065G060310605M | A | MLCC 0603 10UF 6.3V X5R +-20%          |  |
| 3 | C412 | 065G060310605M | A | MLCC 0603 10UF 6.3V X5R +-20%          |  |
| 3 | C456 | 065G060310605M | A | MLCC 0603 10UF 6.3V X5R +-20%          |  |
| 3 | C457 | 065G060310605M | A | MLCC 0603 10UF 6.3V X5R +-20%          |  |
| 3 | C458 | 065G060310605M | A | MLCC 0603 10UF 6.3V X5R +-20%          |  |
| 3 | C733 | 065G060310605M | A | MLCC 0603 10UF 6.3V X5R +-20%          |  |
| 3 | C428 | 065G060310605M | A | MLCC 0603 10UF 6.3V X5R +-20%          |  |
| 3 | C474 | 065G060310605M | A | MLCC 0603 10UF 6.3V X5R +-20%          |  |
| 3 | C402 | 065G060310605M | A | MLCC 0603 10UF 6.3V X5R +-20%          |  |
| 3 | C670 | 065G060322422K | A | MLCC 0603 220nF 25V X7R +/-10% SAMSUNG |  |
| 3 | C666 | 065G060322422K | A | MLCC 0603 220nF 25V X7R +/-10% SAMSUNG |  |
| 3 | C672 | 065G060322422K | T | CAP CHIP0603 220NF K 25V X7R           |  |
| 3 | C664 | 065G060322422K | T | CAP CHIP0603 220NF K 25V X7R           |  |
| 3 | C663 | 065G060322422K | T | CAP CHIP0603 220NF K 25V X7R           |  |
| 3 | C668 | 065G060322422K | T | CAP CHIP0603 220NF K 25V X7R           |  |
| 3 | C725 | 065G060322422K | Y | CAP 0603 220N 25V X7R 10%              |  |
| 3 | C473 | 065G060347412K | Y | CAP CHIP 0.47uF 16V +/-10% X7R         |  |
| 3 | C671 | 065G080510532K | A | CAP 0805 1UF 10% 50V X7R               |  |
| 3 | C667 | 065G080510532K | A | CAP 0805 1UF 10% 50V X7R               |  |
| 3 | C617 | 065G080510532K | T | CAP 0805 1UF 10% 50V X7R               |  |
| 3 | C611 | 065G080510532K | T | CAP 0805 1UF 10% 50V X7R               |  |
| 3 | C622 | 065G080510532K | T | CAP 0805 1UF 10% 50V X7R               |  |
| 3 | C619 | 065G080510532K | T | CAP 0805 1UF 10% 50V X7R               |  |
| 3 | C613 | 065G080510615K | T | CHIP 10uF 16V X5R 0805                 |  |
| 3 | C701 | 065G080510615K | T | CHIP 10uF 16V X5R 0805                 |  |
| 3 | C627 | 065G080510615K | T | CHIP 10uF 16V X5R 0805                 |  |
| 3 | C743 | 065G0805106A5K | A | CAP 0805 10UF 10% 10V X5R              |  |
| 3 | C130 | 065G0805106A5K | A | CAP 0805 10UF 10% 10V X5R              |  |
| 3 | C127 | 065G0805106A5K | A | CAP 0805 10UF 10% 10V X5R              |  |

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|---|-------|------------------|---|--|
| 3 | C715  | 065G0805106A5K A | CAP 0805 10UF 10% 10V X5R               |  |
| 3 | C712  | 065G0805106A5K A | CAP 0805 10UF 10% 10V X5R               |  |
| 3 | C116  | 065G0805106A5K A | CAP 0805 10UF 10% 10V X5R               |  |
| 3 | C117  | 065G0805106A5K A | CAP 0805 10UF 10% 10V X5R               |  |
| 3 | C728  | 065G0805106A5K A | CAP 0805 10UF 10% 10V X5R               |  |
| 3 | C719  | 065G080522605M T | CAP 0805 22uF 20% 6.3V X5R JMK212 BJ226 |  |
| 3 | C717  | 065G080522605M T | CAP 0805 22uF 20% 6.3V X5R JMK212 BJ226 |  |
| 3 | C480  | 065G120610272K F | CAP 1206 1NF 10% 500V X7R               |  |
| 3 | C469  | 065G120610272K F | CAP 1206 1NF 10% 500V X7R               |  |
| 3 | C468  | 065G120610272K F | CAP 1206 1NF 10% 500V X7R               |  |
| 3 | C478  | 065G120610272K F | CAP 1206 1NF 10% 500V X7R               |  |
| 3 | C653  | 065G120610625K A | CAP 1206 10UF 10% 25V X5R               |  |
| 3 | C652  | 065G120610625K A | CAP 1206 10UF 10% 25V X5R               |  |
| 3 | C654  | 065G120610625K A | CAP 1206 10UF 10% 25V X5R               |  |
| 3 | C612  | 065G120622615K A | CAP 1206 22UF 10% 16V X5R               |  |
| 3 | C705  | 065G120622615K A | CAP 1206 22UF 10% 16V X5R               |  |
| 3 | C706  | 065G120622615K A | CAP 1206 22UF 10% 16V X5R               |  |
| 3 | C650  | 065G120622615K A | CAP 1206 22UF 10% 16V X5R               |  |
| 3 | C126  | 067G311C1013LT   | EC SMD 100UF 20% 16V 6.3*7.7 3000 hr 2  |  |
| 3 | C726  | 067G311C1013LT   | EC SMD 100UF 20% 16V 6.3*7.7 3000 hr 2  |  |
| 3 | C476  | 067G311C1013LT   | EC SMD 100UF 20% 16V 6.3*7.7 3000 hr 2  |  |
| 3 | FB702 | 071G 56G301 MA   | CHIP BEAD 0805 300OHM 4A                |  |
| 3 | FB701 | 071G 56G301 MA   | CHIP BEAD 0805 300OHM 4A                |  |
| 3 | FB703 | 071G 56G301 MA   | CHIP BEAD 0805 300OHM 4A                |  |
| 3 | FB406 | 071G 56K121 M    | CHIP BEAD 0805 120R 25% MGLB2012E121T-L |  |
| 3 | FB603 | 071G 56K121 TA   | HIP BEAD 120R/6000mA HCB2012KF-121T60   |  |
| 3 | FB402 | 071G 59A121 TA   | CHIP BEAD 120R/3000mA HCB1608KF-121T30  |  |
| 3 | FB401 | 071G 59A121 TA   | CHIP BEAD 120R/3000mA HCB1608KF-121T30  |  |
| 3 | FB411 | 071G 59B121 JM   | CHIP BEAD 0603 120R/1000mA              |  |
| 3 | FB405 | 071G 59C601 TA   | CHIP BEAD 600R/200mA FCM1608K-601T02    |  |
| 3 | FB415 | 071G 59G301 TA   | CHIP BEAD 300OHM 200mA FCM1608KF-301T02 |  |
| 3 | FB414 | 071G 59G301 TA   | CHIP BEAD 300OHM 200mA FCM1608KF-301T02 |  |
| 3 | FB409 | 071G 59G301 TA   | CHIP BEAD 300OHM 200mA FCM1608KF-301T02 |  |
| 3 | FB410 | 071G 59G301 TA   | CHIP BEAD 300OHM 200mA FCM1608KF-301T02 |  |
| 3 | L101  | 073G 63478 5M    | CHIP IND 0.47UH 5% 0.1A 3.5R MGFI1608AR |  |
| 3 | L102  | 073G 63478 5M    | CHIP IND 0.47UH 5% 0.1A 3.5R MGFI1608AR |  |
| 3 | L703  | 073G253S 71 DN   | SMD CHOKE 2.2UH 20% 8A 0.02R LZ.412R2.A |  |
| 3 | CN502 | 088G 34019K AD   | HDMI HEADER 19P H:2.8mm                 |  |
| 3 | CN501 | 088G 34019K AD   | HDMI HEADER 19P H:2.8mm                 |  |
| 3 | D101  | 093G 60515 L     | SCHOTTKY LBAT54CLT1G 0.2A 30V SOT-23    |  |
| 3 | D503  | 093G 60515 L     | SCHOTTKY LBAT54CLT1G 0.2A 30V SOT-23    |  |
| 3 | D502  | 093G 60515 L     | SCHOTTKY LBAT54CLT1G 0.2A 30V SOT-23    |  |
| 3 | D702  | 093G 52S903 T    | RECTIFIER GS1A 1A 50V DO-214AC          |  |
| 3 | D650  | 093G 52S904 T    | RECTIFIER S3B-T1R 3A 100V DO-214AB      |  |
| 3 | ZD120 | 093G 64S500 SU   | ESD MLVG04025R0QV05BP INPAQ             |  |
| 3 | ZD126 | 093G 64S500 SU   | ESD MLVG04025R0QV05BP INPAQ             |  |
| 3 | ZD125 | 093G 64S500 SU   | ESD MLVG04025R0QV05BP INPAQ             |  |
| 3 | ZD128 | 093G 64S500 SU   | ESD MLVG04025R0QV05BP INPAQ             |  |
| 3 | ZD127 | 093G 64S500 SU   | ESD MLVG04025R0QV05BP INPAQ             |  |
| 3 | ZD122 | 093G 64S500 SU   | ESD MLVG04025R0QV05BP INPAQ             |  |
| 3 | ZD124 | 093G 64S500 SU   | ESD MLVG04025R0QV05BP INPAQ             |  |

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| 3 | ZD123 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | ZD121 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | ZD504 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | ZD505 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | ZD506 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | ZD501 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | ZD406 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | ZD503 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | ZD502 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | ZD404 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | ZD405 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | ZD105 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | ZD106 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | ZD104 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | ZD108 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | ZD107 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | ZD101 | 093G 64S500 SU     | ESD MLVG04025R0QV05BP INPAQ              |  |
| 3 | D602  | 093G 64S526SEM     | SWITCHING BAS316WS 250mA 100V SOD323     |  |
| 3 | CN112 | 311GW125D08ACJ     | WAFER 1.25mm 8P V/T 1.25T-11-8PB         |  |
| 3 | CN108 | 311GW125D08ACJ     | WAFER 1.25mm 8P V/T 1.25T-11-8PB         |  |
| 3 | U702  | 356G0563531BHF000C | LDO BL1084-CY 5A ADJ TO-252              |  |
| 3 | U704  | 356G0563531BHF000C | LDO BL1084-CY 5A ADJ TO-252              |  |
| 3 | U401  | 356G0568176604     | SCALER RTD2634DD-GR LQFP 176             |  |
| 3 | U601  | 356G0616028600     | AUDIO AD52580-QG28NAR (AF) 15W E-TSSOP   |  |
| 3 | U650  | 356G0616028600     | AUDIO AD52580-QG28NAR (AF) 15W E-TSSOP   |  |
| 3 | U402  | 356G2233128600     | FLASH MX25L12835FM2I-10G 128Mb SOP-8(20  |  |
| 3 | U701  | 356GD563006600     | DC/DC SY8104ADC 4A 18V TSOT23-6          |  |
| 3 | U703  | 356GD563008601     | DC/DC SY8003ADFC 3A 5.5V DFN2x2-8        |  |
| 3 | Q701  | 357G0763030018     | MOSFET MTP3401N3 -4A -30V SOT-23         |  |
| 3 | Q704  | 357G0763030018     | MOSFET MTP3401N3 -4A -30V SOT-23         |  |
| 3 | Q403  | 357G0763030601     | MOSFET MTP5103N3 -4.5A -30V SOT-23       |  |
| 3 | C422  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C423  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C425  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C424  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C413  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C414  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C455  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C453  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C451  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C482  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C416  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C449  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C417  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C418  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C419  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C438  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C722  | 365G040222505M000T | CAP 0402 2.2UF 20% 6.3V X5R JMK105BJ225M |  |
| 3 | C662  | 367G311X101GLT     | EC SMD 100UF 20% 35V 6.3x7.7mm 2000 hr 0 |  |
| 3 | C676  | 367G311X101GLT     | EC SMD 100UF 20% 35V 6.3x7.7mm 2000 hr 0 |  |
| 3 | L603  | 373G253S193D00     | SMD CHOKE 22uH 20% 1.8 0.089 SWPG6045G2  |  |

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|---|--------|--------------------|---|------------|
| 3 | L602   | 373G253S193D00     | SMD CHOKE 22uH 20% 1.8 0.089 SWPG6045G2 |            |
| 3 | L601   | 373G253S193D00     | SMD CHOKE 22uH 20% 1.8 0.089 SWPG6045G2 |            |
| 3 | L604   | 373G253S193D00     | SMD CHOKE 22uH 20% 1.8 0.089 SWPG6045G2 |            |
| 3 | L650   | 373G253S194D00     | SMD CHOKE 33uH 20% 1.45 0.137 SWPG6045G |            |
| 3 | L651   | 373G253S194D00     | SMD CHOKE 33uH 20% 1.45 0.137 SWPG6045G |            |
| 3 | L701   | 373G253S198D00     | SMD CHOKE 4.7UH 20% 3.3A 0.026R SWPG604 |            |
| 3 | X401   | 393G022S646CEC     | CRYSTAL HC-49U/SM 27 12                 |            |
| 3 | D401   | 393G060S91200T00HF | SCHOTTKY RB551V-30 R1 00001 0.5A 30V SO |            |
| 3 | E715   | 715G6928M01000004T | MAIN PCB FR4 DS 193*80*1.6              |            |
| 2 |        | SMTIRPFFAA9        | IR BOARD FOR SMT                        |            |
| 3 | R202   | 061G0603101 JT     | RST CHIP 100R 1/10W 5% TZAI YUAN        |            |
| 3 | R301   | 061G0402102 JT     | RST CHIP 1K 1/16W 5% TZAI YUAN          |            |
| 3 | R201   | 061G0402103 JT     | RST CHIP 10K 1/16W 5% TZAI YUAN         |            |
| 3 | R302   | 061G0402222 JT     | RST CHIP 2K2 1/16W 5% TZAI YUAN         |            |
| 3 | CN201  | 033G8032 5F S HR   | CONNECTOR                               |            |
| 3 | C304   | 065G0402105A5K M   | CAP 0402 1UF 10% 10V X5R                |            |
| 3 | C305   | 065G0402105A5K M   | CAP 0402 1UF 10% 10V X5R                |            |
| 3 | Q301   | 057G 477904 T      | TRA BC847BW 100mA/45V SOT-323           |            |
| 3 | LED301 | 081G 63R 1 EL      | CHIP LED RED 19-21B/R6C-BL1M2VY/3T      | 2nd-source |
| 3 | LED301 | 081G 63R 1 GP      | CHIP LED RED GPTS06033RC3-PB            |            |
| 3 | U201   | 356GS927075        | IR RECEIVER TSOP75336WTT 36 KHz         |            |
| 3 | E715   | 715G7055R01000004M | IR PCB FR4 DS 30*8.5*1.6mm              | 2nd-source |
| 3 | E715   | 715G7055R01000004Y | IR PCB FR4 DS 30*8.5*1.6mm              |            |
| 2 |        | SMTKEPFEEA9        | KEY BOARD FOR SMT                       |            |
| 3 | R01    | 061G06031201FF     | RST CHIPR 1.2KOHM +-1% 1/10W            | 2nd-source |
| 3 | R01    | 061G06031201FT     | RST CHIP 1K2 1/10W 1%                   |            |
| 3 | R01    | 061G06031201FY     | RST CHIPR 1.2KOHM +-1% 1/10W            | 2nd-source |
| 3 | R05    | 061G06031502FF     | RST CHIPR 15KOHM +-1% 1/10W FENGHUA     | 2nd-source |
| 3 | R05    | 061G06031502FT     | RST CHIP 15K 1/10W 1%                   |            |
| 3 | R05    | 061G06031502FY     | RST CHIP 15K 1/10W 1%                   | 2nd-source |
| 3 | R04    | 061G06032201FT     | RST CHIP 2K2 1/10W 1%                   |            |
| 3 | R04    | 061G06032201FY     | RST CHIP 2K2 1/10W 1%                   | 2nd-source |
| 3 | R02    | 061G06034709FT     | RST CHIP 47R 1/10W 1%                   |            |
| 3 | R03    | 061G06036801FF     | RST CHIPR 6.8KOHM +-1% 1/10W FENGHUA    | 2nd-source |
| 3 | R03    | 061G06036801FT     | RST CHIP 6K8 1/10W 1%                   |            |
| 3 | R03    | 061G06036801FY     | RST CHIP 6K8 1/10W 1%                   | 2nd-source |
| 3 | C06    | 065G060310432K A   | 3206D1701300NF 10% 50V X7R              | 2nd-source |
| 3 | C06    | 065G060310432K F   | CAP CHIP 0603 0.1UF K 50V X7R           |            |
| 3 | C06    | 065G060310432K Y   | CAP 0603 100NF 10% 50V X7R              | 2nd-source |
| 3 | CN01   | 311GW125D02ADX     | WAFER 1.25mm 2P R/A S1315-02RVB-S03-K   |            |
| 3 | SW01   | 377G060902C0CJ     | CHIP TACT SW 6P 6mm 160g SMD            | 2nd-source |
| 3 | SW01   | 377G060902C0HC     | CHIP TACT SW 6P 6mm 160g SMD            |            |
| 3 |        | 709T70880XS001     | COMSUMPTIVE ASSY                        |            |
| 3 | E715   | 715G7088K01000004K | KEY PCB FR4 DS 22*29.5*1.6mm            |            |
| 2 |        | 705TXD57224        | Q8101                                   |            |
| 3 |        | 0M1G1730 8120      | SCREW M3 8                              |            |
| 3 | Q8101  | 357G0600100020     | MOSFET AOTF298L 33A 100V TO-220F        |            |
| 3 | HS8101 | Q90T0236007A0000SY | HEAT SINK                               |            |
| 2 |        | 705TXD93200        | D8101                                   |            |
| 3 | D8101  | 093G 60500         | FMEN210A TO-220 SANKEN                  |            |
| 3 |        | 0M1G1730 8120      | SCREW M3 8                              |            |

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| 3 | HS8102 | Q90T0236007A0000SY | HEAT SINK                             |  |
| 2 |        | LNEW661XXA6SMT     | CONVERTER BOARD FOR SMT               |  |
| 3 | R8117  | 061G08051003FY     | RST CHIP 100K 1/8W 1%                 |  |
| 3 |        | LNEW661XXA6AI      | CONVERTER BOARD FOR AI                |  |
| 3 | R8149  | 061G0805203 JT     | RST CHIPR 20K +-5% 1/8W TZAI YUAN     |  |
| 3 | R8119  | 061G08051003FY     | RST CHIP 100K 1/8W 1%                 |  |
| 3 | C8104  | 065G080522432K F   | CAP 0805 220NF 10% 50V X7R            |  |
| 3 | R8109  | 061G08051003FY     | RST CHIP 100K 1/8W 1%                 |  |
| 3 | R8105  | 061G12064700FT     | RST 1206 470R 1% 1/4W TZAI YUAN       |  |
| 3 | C8115  | 065G080510532K T   | CAP 0805 1UF 10% 50V X7R              |  |
| 3 | ZD8101 | 393G039S95300T00HF | HF BZT52-B9V1 R1 00001 9.1V 0.41W     |  |
| 3 | R8169  | 061G12061508FT     | RST 1206 1.5R 1% 1/4W                 |  |
| 3 | R8132  | 061G08056202FY     | RST 0805 62K 1% 1/8W -                |  |
| 3 | R8144  | 361G12061108FT     | RST 1206 1.1R 1% 1/4W SMD12061R1F     |  |
| 3 | R8146  | 361G12061108FT     | RST 1206 1.1R 1% 1/4W SMD12061R1F     |  |
| 3 | C8132  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%     |  |
| 3 | R8147  | 061G12061508FT     | RST 1206 1.5R 1% 1/4W                 |  |
| 3 | R8168  | 061G12061508FT     | RST 1206 1.5R 1% 1/4W                 |  |
| 3 | R8145  | 061G12061508FT     | RST 1206 1.5R 1% 1/4W                 |  |
| 3 | C8112  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%     |  |
| 3 | R8139  | 061G1206101 JT     | RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN |  |
| 3 | C8134  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%     |  |
| 3 | R8170  | 061G12061508FT     | RST 1206 1.5R 1% 1/4W                 |  |
| 3 | C8133  | 065G080522522K T   | CAP 0805 2.2uF 10% 25V X7R            |  |
| 3 | R8106  | 061G12061002FT     | RST CHIPR 10KOHM +-1% 1/4W 1206       |  |
| 3 | R8110  | 061G08052203FT     | RST CHIPR 220KOHM +-1% 1/8W           |  |
| 3 | R8137  | 061G08051003FY     | RST CHIP 100K 1/8W 1%                 |  |
| 3 | R8112  | 061G08051103FF     | RST CHIPR 110KOHM +-1% 1/8W FENGHUA   |  |
| 3 | Q8102  | 057G 417907 T      | TRA PMBT3906 PNP -200mA/-40V SOT-23   |  |
| 3 | C8110  | 065G080510432K F   | CAP CHIP 0805 0.1UF K 50V X7R         |  |
| 3 | R8103  | 061G08051002FT     | RST CHIP 10K 1/8W 1%                  |  |
| 3 | R8107  | 061G0805302 JY     | RST CHIPR 3K +-5% 1/8W YAGEO          |  |
| 3 | C8114  | 065G080522232K A   | CAP 0805 2.2NF 10% 50V X7R            |  |
| 3 | R8151  | 061G08051003FY     | RST CHIP 100K 1/8W 1%                 |  |
| 3 | R8134  | 061G0805103 JT     | RST 0805 10K 5% 1/8W                  |  |
| 3 | R8131  | 061G08053302FT     | RST CHIP 33K 1/8W 1%                  |  |
| 3 | R8160  | 361G12061208FY     | RST 1206 1.2R 1% 1/4W -               |  |
| 3 | R8120  | 061G0805103 JT     | RST 0805 10K 5% 1/8W                  |  |
| 3 | C8145  | 065G080522232K Y   | CAP CHIP 0805 2N2 50V X7R +/-10%      |  |
| 3 | Q8103  | 357G07630620HF     | HF MOSFET 2N7002K R1 00001 0.3A 60V   |  |
| 3 | R8141  | 061G1206000 JF     | RST CHIPR MAX0R05 1/4W FENGHUA        |  |
| 3 | C8146  | 065G080522232K Y   | CAP CHIP 0805 2N2 50V X7R +/-10%      |  |
| 3 | R8153  | 061G08052203FT     | RST CHIPR 220KOHM +-1% 1/8W           |  |
| 3 | R8152  | 061G08050004JT     | RST CHIPR 0805 0 OHM 4A               |  |
| 3 | R8138  | 061G1206101 JT     | RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN |  |
| 3 | R8140  | 061G1206101 JT     | RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN |  |
| 3 | R8116  | 061G08052203FT     | RST CHIPR 220KOHM +-1% 1/8W           |  |
| 3 | C8103  | 065G080522432K F   | CAP 0805 220NF 10% 50V X7R            |  |
| 3 | R8150  | 061G08050004JT     | RST CHIPR 0805 0 OHM 4A               |  |
| 3 | C8143  | 065G080510131J Y   | CAP CHIP 0805 100P 50V NP0 +/-5%      |  |
| 3 | R8148  | 061G0805000 JY     | RST CHIPR MAX 0R05 OHM 1/8W YAGEO     |  |

|   |        |                    |   |            |
|---|--------|--------------------|---|------------|
| 3 | C8131  | 065G080510432K Y   | CAP CHIP 0805 100N 50V X7R +/-10%       |            |
| 3 | C8109  | 065G080510522K M   | AP 0805 1UF 10% 25V X7R                 |            |
| 3 | R8115  | 061G0805205 JT     | RST CHIPR 2M +-5% 1/8W TZAI YUAN        |            |
| 3 | D8102  | 393G060S50000T00HF | HF SS1060FL_R1_00001 1A 60V SOD123FL    |            |
| 3 | R8113  | 061G08051052FF     | RST CHIPR 10.5K OHM +- 1% 1/8W FENGHUA  |            |
| 3 | R8136  | 061G0805304 JY     | RST CHIPR 300K +-5% 1/8W YAGEO          |            |
| 3 | R8111  | 061G08051003FT     | RST CHIP 100K 1/8W 1%                   |            |
| 3 | R8108  | 061G08053303FT     | RST CHIP 330K 1% 1/8W                   |            |
| 3 | IC8101 | 356G0700024600     | LED DRIVER LD7890GS SOP-24              |            |
| 3 | R8101  | 061G0805229 JT     | RST CHIPR 2R2 +-5% 1/8W TZAI YUAN       |            |
| 3 | R8155  | 061G08052003FT     | RST CHIP 200K 1/8W 1%                   |            |
| 3 | C8111  | 065G080547131J M   | CAP 0805 470PF 5% 50V NP0               |            |
| 3 | Q8143  | 057G 763139        | MOSFET AOD478 11A 100V TO-252           |            |
| 3 | R8102  | 061G0805330 JT     | RST CHIP 33R 1/8W 5% TZAI YUAN          |            |
| 3 | R8133  | 061G08051002FT     | RST CHIP 10K 1/8W 1%                    |            |
| 3 | R8135  | 061G08051009FT     | RST CHIP R 10ohm +/-1% 1/8W             |            |
| 3 | R8112  | 061G08051103FT     | RST CHIP R 110K 1/8W +/-1%              | 2nd-source |
| 3 | Q8102  | 057G 417517        | Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC | 2nd-source |
| 3 | R8103  | 061G08051002FF     | RST CHIPR 10KOHM +-1% 1/8W FENGHUA      | 2nd-source |
| 3 | R8107  | 061G0805302 JT     | RST CHIP 3K 1/8W 5% TZAI YUAN           | 2nd-source |
| 3 | R8151  | 061G08051003FT     | RST CHIP 100K 1/8W 1%                   | 2nd-source |
| 3 | R8134  | 061G0805103 JF     | RST CHIPR 10K OHM +-5% 1/8W FENGHUA     | 2nd-source |
| 3 | R8131  | 061G08053302FF     | RST CHIPR 33KOHM +-1% 1/8W FENGHUA      | 2nd-source |
| 3 | R8160  | 361G12061208FT     | RST 1206 1.2R 1% 1/4W -                 | 2nd-source |
| 3 | R8141  | 061G1206000 JT     | RST CHIPR MAX0R05 1/4W TZAI YUAN        | 2nd-source |
| 3 | R8138  | 061G1206101 JF     | RST CHIPR 100 OHM +-5% 1/4W FENGHUA     | 2nd-source |
| 3 | R8140  | 061G1206101 JF     | RST CHIPR 100 OHM +-5% 1/4W FENGHUA     | 2nd-source |
| 3 | R8117  | 061G08051003FT     | RST CHIP 100K 1/8W 1%                   | 2nd-source |
| 3 | R8149  | 061G0805203 JF     | RST CHIPR 20KOHM +-5% 1/8W FENGHUA      | 2nd-source |
| 3 | R8109  | 061G08051003FT     | RST CHIP 100K 1/8W 1%                   | 2nd-source |
| 3 | R8105  | 061G12064700FF     | RST 1206 470R 1% 1/4W FENGHUA           | 2nd-source |
| 3 | R8115  | 061G0805205 JF     | RST CHIPR 2M +-5% 1/8W FENGHUA          | 2nd-source |
| 3 | R8113  | 061G08051052FT     | RST CHIP 10.5K OHM 1/8W 1% TZAI YUAN    | 2nd-source |
| 3 | R8111  | 061G08051003FF     | RST CHIPR 100KOHM +-1% 1/8W FENGHUA     | 2nd-source |
| 3 | R8108  | 061G08053303FF     | RST CHIP 330K 1/8W 1%                   | 2nd-source |
| 3 | R8101  | 061G0805229 JF     | RST CHIPR 2R2 +-5% 1/8W FENGHUA         | 2nd-source |
| 3 | R8155  | 061G08052003FF     | RST CHIPR 200KOHM +-1% 1/8W FENGHUA     | 2nd-source |
| 3 | R8102  | 061G0805330 JF     | RST CHIPR 33 OHM +-5% 1/8W FENGHUA      | 2nd-source |
| 3 | R8133  | 061G08051002FF     | RST CHIPR 10KOHM +-1% 1/8W FENGHUA      | 2nd-source |
| 3 | R8135  | 061G08051009FF     | RST CHIPR 10 OHM+-1% 1/8W FENGHUA       | 2nd-source |
| 3 | R8148  | 061G0805000 JT     | RST 0805 0.05R MAX 1/8W                 | 2nd-source |
| 3 | R8106  | 061G12061002FF     | RST CHIPR 10KOHM +-1% 1/4W FENGHUA      | 2nd-source |
| 3 | R8139  | 061G1206101 JF     | RST CHIPR 100 OHM +-5% 1/4W FENGHUA     | 2nd-source |
| 3 | R8146  | 361G12061108FY     | RST 1206 1.1R 1% 1/4W RC1206FR-071R1L   | 2nd-source |
| 3 | R8144  | 361G12061108FY     | RST 1206 1.1R 1% 1/4W RC1206FR-071R1L   | 2nd-source |
| 3 | C8115  | 065G080510532K M   | CAP 0805 1UF 10% 50V X7R                | 2nd-source |
| 3 |        | ADE1220XB8AI       | ADAPTER BOARD FOR AI                    |            |
| 4 | C9319  | 067G 5151017KT     | EC 100UF 20% 50V 10*9 EJ                |            |
| 4 | BD9902 | 006G 31 4          | 1.7MM RIVET                             |            |
| 4 | T9301  | 006G 31 4          | 1.7MM RIVET                             |            |
| 4 | CN9901 | 006G 31500         | EYELET                                  |            |

|   |        |                   |   |  |
|---|--------|-------------------|---|--|
| 4 | T9101  | 006G 31500        | EYELET                                  |  |
| 4 | L9901  | 006G 31502        | EYELET                                  |  |
| 4 | NR9902 | 006G 31502        | EYELET                                  |  |
| 4 | L9902  | 006G 31502        | EYELET                                  |  |
| 4 | NR9901 | 006G 31502        | EYELET                                  |  |
| 4 |        | 040G 45762420A    | LABEL 25x6mm                            |  |
| 4 | IC9103 | 056G 158 10 T     | DC/DC AS431AZTR-E1 150MA 40V TO-92      |  |
| 4 | C9110  | 065G 1K101 2T6921 | CAP CER 100pF 1KV K Y5P                 |  |
| 4 | C9813  | 065G 1K101 2T6921 | CAP CER 100pF 1KV K Y5P                 |  |
| 4 | C9817  | 065G 1K10193T     | CAP CER 100PF 10% 1KV R                 |  |
| 4 | C9303  | 065G 1K22293S     | CAP CER 2.2NF 10% 1KV R TAPING          |  |
| 4 | C9904  | 065G306K10123R    | CAP Y1 100PF 10% 250V Y5P               |  |
| 4 | C9908  | 065G306K22123R    | CAP Y1 220PF 10% 250V Y5P               |  |
| 4 | C9907  | 065G306K33123R    | CAP Y1 330PF 10% 250V Y5P               |  |
| 4 | C9902  | 065G306K33123R    | CAP Y1 330PF 10% 250V Y5P               |  |
| 4 | C9325  | 065G306M10233R    | CAP Y1 1NF 20% 250V Y5U                 |  |
| 4 | C9122  | 067G 3151007KB A  | EC 10UF 20% 50V 6.3*7 3000H ER          |  |
| 4 | C9114  | 067G 5153316KT    | EC 330UF 20% 35V 10*12 5000H EV         |  |
| 4 | C9304  | 067G 5154714KT    | EC 470UF 20% 25V 10*12 5000 hr 1.45A EV |  |
| 4 | C9317  | 067G 5154714KT    | EC 470UF 20% 25V 10*12 5000 hr 1.45A EV |  |
| 4 | C9805  | 067G315M2207KB    | EC 22UF 20% 50V 6.3*7 3000 hr           |  |
| 4 | C9124  | 067G315M2207KB    | EC 22UF 20% 50V 6.3*7 3000 hr           |  |
| 4 | FB9301 | 071G 55 23 S      | FERRITE BEAD LB 3.5*0.8*7.5A            |  |
| 4 | FB9302 | 071G 55 23 S      | FERRITE BEAD LB 3.5*0.8*7.5A            |  |
| 4 | FB9802 | 071G 55 23 S      | FERRITE BEAD LB 3.5*0.8*7.5A            |  |
| 4 | FB9803 | 071G 55 23 S      | FERRITE BEAD LB 3.5*0.8*7.5A            |  |
| 4 | FB9904 | 071G 55 23 S      | FERRITE BEAD LB 3.5*0.8*7.5A            |  |
| 4 | D9102  | 093G 52908        | RECTIFIER UF4007 A0 1 1000 DO-41        |  |
| 4 | D9303  | 093G 60953        | SCHOTTKY FR107G-A0 1A 1000V DO-41       |  |
| 4 | ZD9102 | 093G 39G 7        | ZENER GDZJ15B 15 0.5 DO-35              |  |
| 4 | D9301  | 093G1080 252T     | RECTIFIER SARS01-V1 1.2A 800V DO-41     |  |
| 4 | J909   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J918   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J914   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J920   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J913   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J912   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J910   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J906   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | FB9102 | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J916   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J919   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J923   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J915   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J904   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J902   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J907   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J921   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J905   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J911   | 095G 90 23        | JUMP WIRE - -                           |  |
| 4 | J903   | 095G 90 23        | JUMP WIRE - -                           |  |

|   |        |                    |   |            |
|---|--------|--------------------|---|------------|
| 4 | J917   | 095G 90 23         | JUMP WIRE - -                           |            |
| 4 | R9301  | 361G01SJ10852T00TZ | RST WD 0.1R 5% 1W NKNP1WS0R1JT52E8      |            |
| 4 | R9306  | 361G152M22052T00TZ | RST MOF 22R 5% 2W MOF2WS22RJT52         |            |
| 4 | R9302  | 361G152M82352T00TZ | RST MOF 82K 5% 2W MOF2WS82KJT52         |            |
| 4 | R9321  | 361G2SWJ36852T00TZ | RST NWR 0R36 5% 2W NKNP2WS0R36JT52      |            |
| 4 | RV9902 | 362G0010501MIT     | SPARK GAP 500V -20/+30%                 |            |
| 4 | RV9903 | 362G0010501MIT     | SPARK GAP 500V -20/+30%                 |            |
| 4 | C9140  | 365G001D5096WT     | CAP CER 5PF 0.5pF 1KV SL CC81-1KV-06d-S |            |
| 4 | E715   | 715G6607P02001002M | PWR PCB FR2 CTI>600 SS 195.5*271*1.6MM  |            |
| 3 |        | 709T70880XS001     | COMSUMPTIVE ASSY                        |            |
| 4 |        | 052G 2191 A        | TAPE OTHER(PET,PAPER,SECURITY,ETC...)   |            |
| 4 |        | 055G 23520         | .leaning Naphtha                        |            |
| 4 |        | 055G 100610        | Solder Paste                            |            |
| 4 |        | Q05G6054 1         | SHEET                                   |            |
| 4 |        | Q09G6012 1         | PIN                                     |            |
| 4 |        | Q52G170100700B00XW | MESH PRINTTING PAPER                    |            |
| 3 |        | LNEW661XXA6AI      | CONVERTER BOARD FOR AI                  |            |
| 4 | J8108  | 095G 90 23         | JUMP WIRE - -                           |            |
| 4 | J8107  | 095G 90 23         | JUMP WIRE - -                           |            |
| 4 | J8106  | 095G 90 23         | JUMP WIRE - -                           |            |
| 4 | J8105  | 095G 90 23         | JUMP WIRE - -                           |            |
| 4 | J8110  | 095G 90 23         | JUMP WIRE - -                           |            |
| 4 |        | 040G 45762420A     | LABEL 25x6mm                            |            |
| 4 | J8103  | 095G 90 23         | JUMP WIRE - -                           |            |
| 4 | J8111  | 095G 90 23         | JUMP WIRE - -                           |            |
| 4 | J8102  | 095G 90 23         | JUMP WIRE - -                           |            |
| 4 | R8104  | 361G152M10852T00TZ | RST MOF 0.1R 5% 2W MOF2W0R1JT52         |            |
| 4 | E715   | 715G6432P01000002H | PWR PCB FR1 CTI>600 SS 150*150mm        |            |
| 4 | J8101  | 095G 90 23         | JUMP WIRE - -                           |            |
| 4 | J8104  | 095G 90 23         | JUMP WIRE - -                           |            |
| 4 | R8118  | 361G152M10852T00TZ | RST MOF 0.1R 5% 2W MOF2W0R1JT52         |            |
| 4 | R8104  | 061G152M10852T SY  | RST MOF 0R1 5% 2W                       | 2nd-source |
| 4 | R8118  | 061G152M10852T SY  | RST MOF 0R1 5% 2W                       | 2nd-source |



HDMI1

HDMI2

VGA

YPbPr

AV1

SERV.U

AV2

Headphone

ATV&DTV

IF+/-

CVBS\_OUT

Ethernet

USB1

USB2

RTD2644I

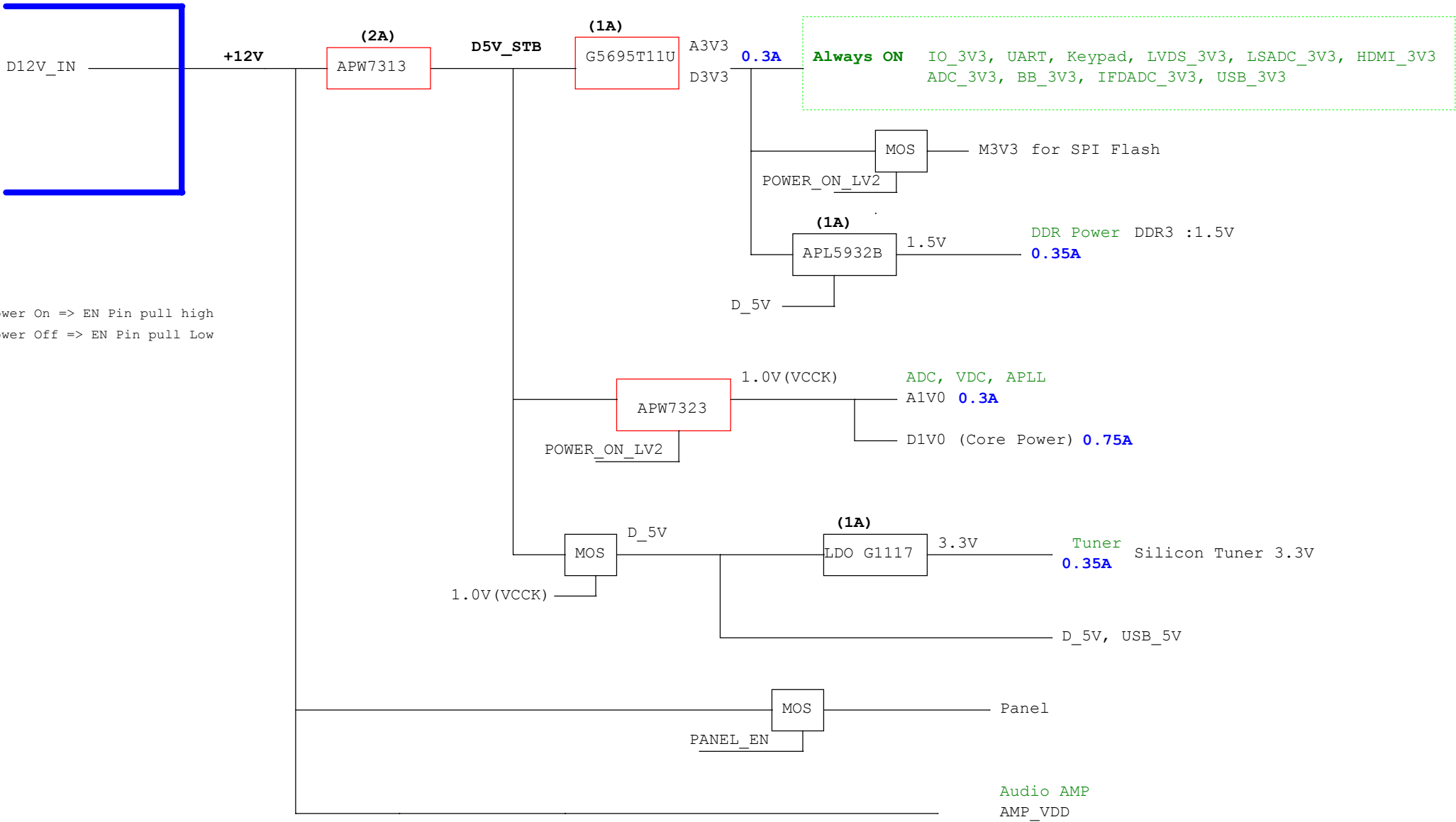
LVDS Panel

AD52580

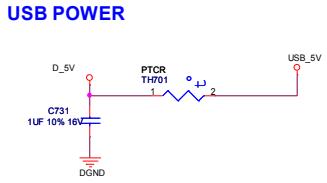
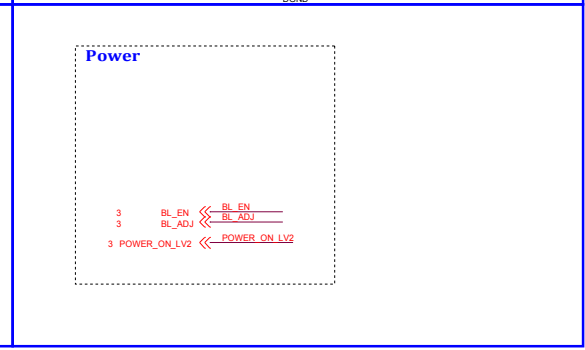
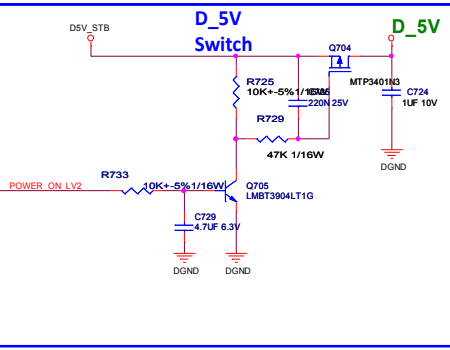
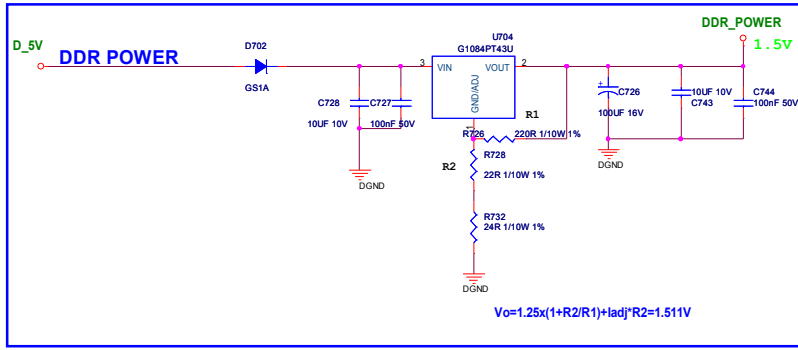
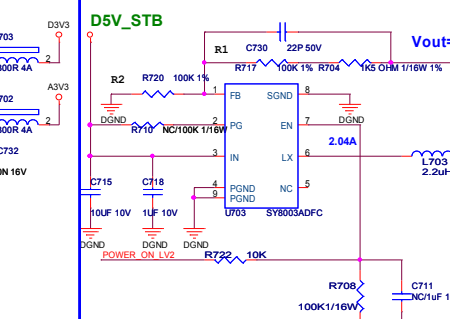
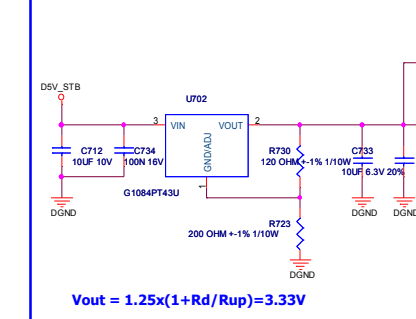
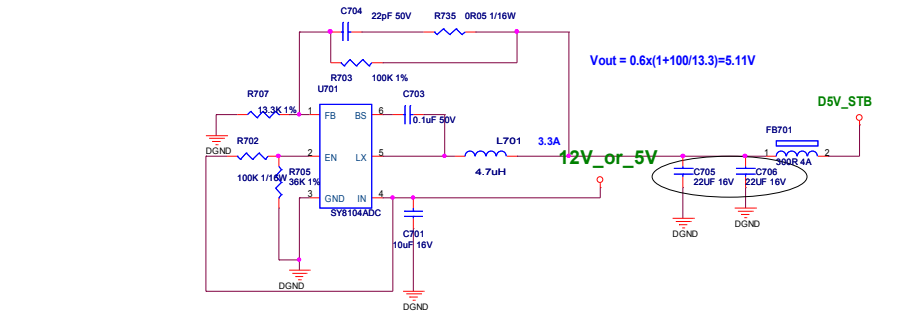
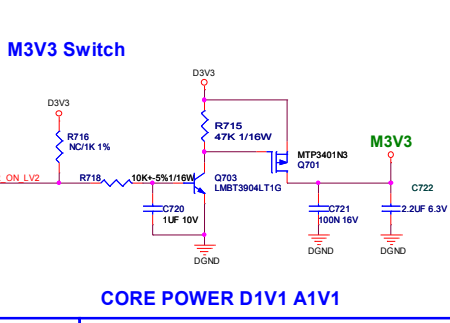
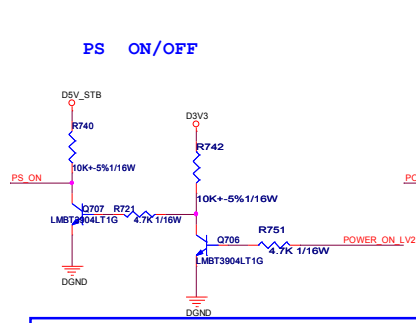
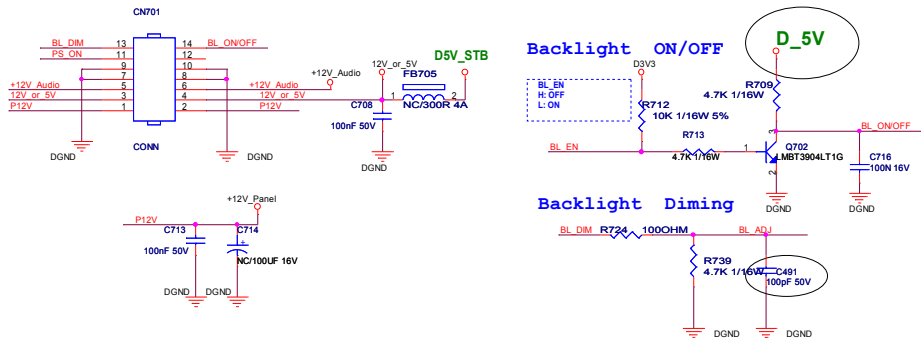
SPEAKER



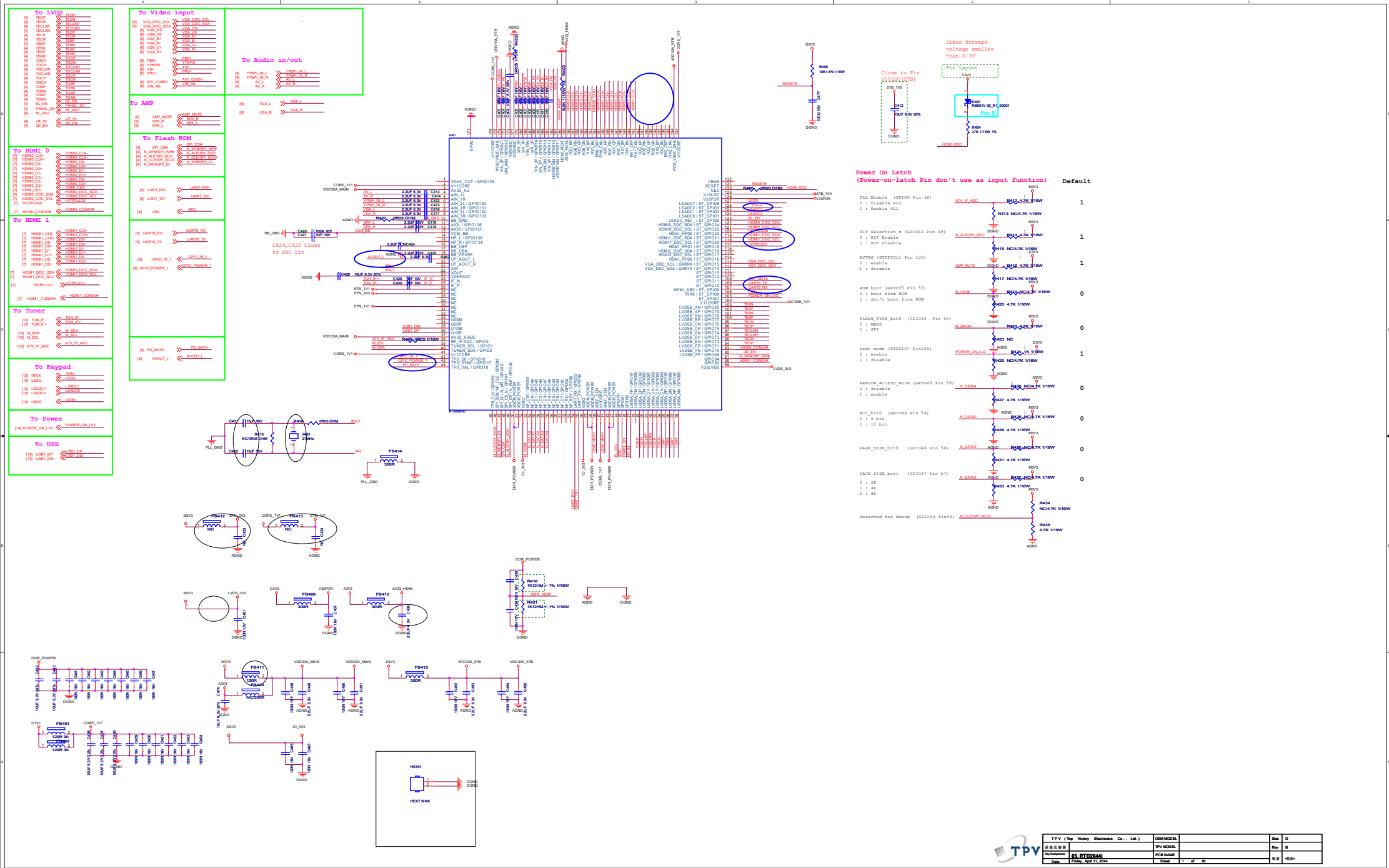
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|---|------------------------|-----------|---------|------|------|
| TPV (Top Victory Electronics Co., Ltd.) |                        | OEM MODEL |         | Size | A    |
| 結構瓜網腹                                   |                        | TPV MODEL |         | Rev  | B    |
| Key Component                           | 01. BLOCK DIAGRAM      | PCB NAME  |         | 称爹   | <称爹> |
| Date                                    | Friday, April 11, 2014 | Sheet     | 1 of 10 |      |      |

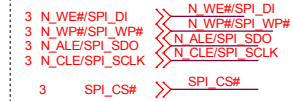


|   |                        |          |         |      |
|---|------------------------|----------|---------|------|
| TPV (Top Victory Electronics Co., Ltd.) | OEM MODEL              |          | Size    | B    |
| 紙隔瓜網腹                                   | TPV MODEL              |          | Rev     | B    |
| Key Component                           | 02. POWER TREE         | PCB NAME | 称爹      | <称爹> |
| Date                                    | Friday, April 11, 2014 | Sheet    | 2 of 10 |      |

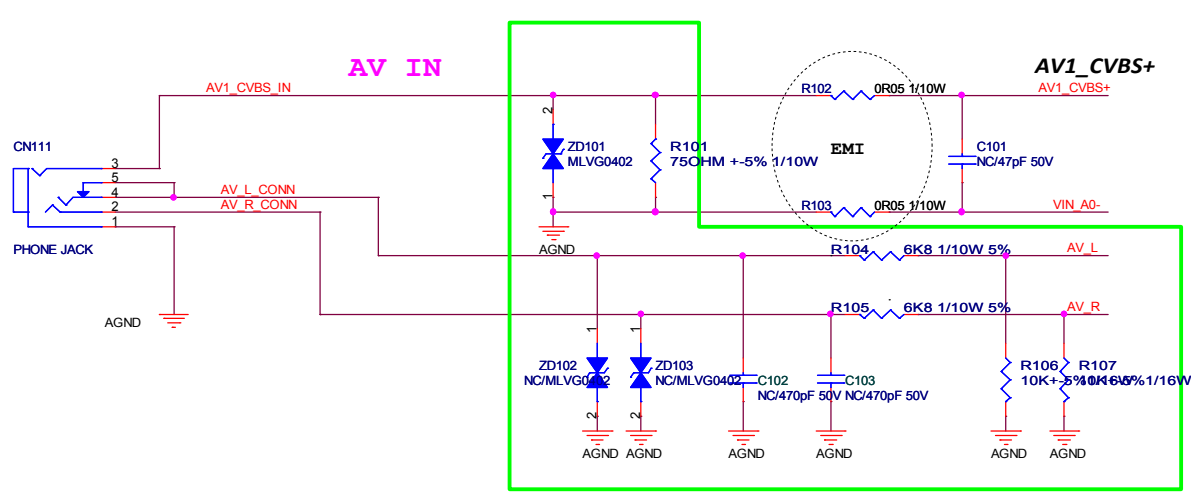


|   |                        |       |        |
|---|------------------------|-------|--------|
| TPV (Top Victory Electronics Co., Ltd.) | OEM MODEL              | Size  | C      |
| Key Component                           | 15. SYSTEM POWER       | Rev   | B      |
| Date                                    | Friday, April 11, 2014 | Sheet | 1 of 2 |



[illegible]

|   |                        |           |         |      |      |
|---|------------------------|-----------|---------|------|------|
| TPV (Top Victory Electronics Co., Ltd.) |                        | OEM MODEL |         | Size | B    |
| 結構瓜銅腹                                   |                        | TPV MODEL |         | Rev  | B    |
| Key Component                           | <b>04. FLASH</b>       | PCB NAME  |         | 称爹   | <称爹> |
| Date                                    | Monday, April 14, 2014 | Sheet     | 1 of 10 |      |      |



[3] AV1\_CVBS+  
[3] VIN\_A0-  
[3] AV\_L  
[3] AV\_R



|   |                        |          |         |      |
|---|------------------------|----------|---------|------|
| TPV (Top Victory Electronics Co., Ltd.) | OEM MODEL              |          | Size    | B    |
| 紙隔瓜網腹                                   | TPV MODEL              |          | Rev     | B    |
| Key Component                           | 05. AV1 CVBS           | PCB NAME | 称爹      | <称爹> |
| Date                                    | Friday, April 11, 2014 | Sheet    | 1 of 10 |      |

The schematic diagram illustrates the AV2 CVBS+ input circuit. It features a 9-pin connector (CN108) with pins 1 through 8 connected to a series of diodes (NLVG0402 ZD104, ZD105, ZD106) and resistors (R108, R109, R110, R111, R112, R113, R114, R115, R116). The output of the diodes is connected to the AV2 CVBS+ pin of the Y0+ co-use connector. The circuit also includes a 10-pin connector (CONN) connected to AGND, and a 10-pin connector (Y0+ co-use) connected to Y0+, YB0+, YP0+, YPB0+, YPB0-, and YPB0-. The circuit is labeled "Y0+ co-use AV2\_CVBS+" and "Close to Main Chip".

|     |         |   |         |
|-----|---------|---|---------|
| [3] | PB0+    | ⌞ | PB0+    |
| [3] | YPbPr0- | ⌞ | YPbPr0- |
| [3] | Y0+     | ⌞ | Y0+     |
| [3] | PR0+    | ⌞ | PR0+    |

|     |        |       |        |
|-----|--------|-------|--------|
| [3] | VGA_B+ | ===== | VGA_B+ |
| [3] | VGA_B- | ===== | VGA_B- |
| [3] | VGA_G+ | ===== | VGA_G+ |
| [3] | VGA_R+ | ===== | VGA_R+ |
| [3] | VGA_HS | ===== | VGA_HS |
| [3] | VGA_VS | ===== | VGA_VS |

[3] VGA\_DDC\_SDA << VGA\_DDC\_SDA

[3] UART\_TX1 >> UART\_TX1  
[3] UART\_RX1 >> UART\_RX1

[3] VGA\_L  $\gg$  VGA\_L

[3] YPhPr\_IN\_L YPhPr\_IN\_L

1000000

## R130 100ΩHM

75OHM  $\pm 5\%$  1/10W

## AGND

R138  
750HM  $\pm 5\%$  1/10W

|    |  |
|----|--|
| ME |  |
|----|--|

|  |   |   |   |
|--|---|---|---|
|  | 1 | 0 | 2 |
|  |   |   |   |
|  |   |   |   |

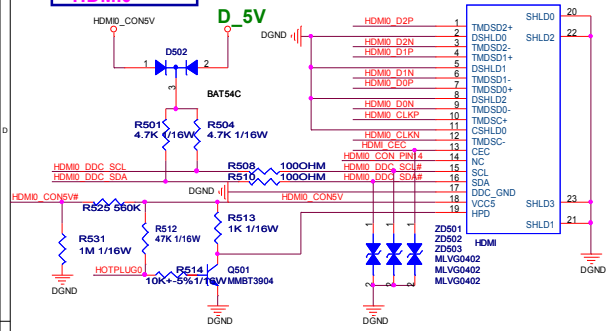
VOA B

### Close to Main Chip

|   |               |           |        |      |        |
|---|---------------|-----------|--------|------|--------|
| TPV (Top Victory Electronics Co., Ltd.) |               | OEM MODEL |        | Size | Custom |
| #                                       | 結構及圖號         | TPV MODEL |        | Rev  | B      |
|   | Key Component | PCB NAME  |        |      |        |
|   | Date          | Sheet     | 1 of 2 | 修客   | <修客>   |

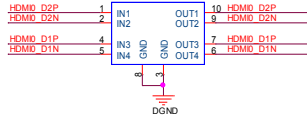
Make on board

HDMI0

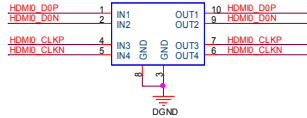


HDMI0\_D2N  
HDMI0\_D2P  
HDMI0\_D1N  
HDMI0\_D1P  
HDMI0\_D0N  
HDMI0\_D0P  
HDMI0\_CLKN  
HDMI0\_CLKP  
[3.5] ARC

U503 NC/RClamp0524P.TCT

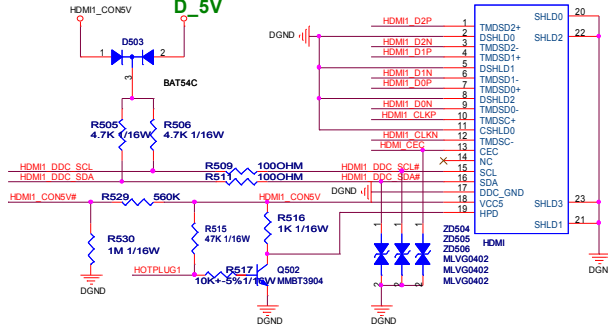


U505 NC/RClamp0524P.TCT



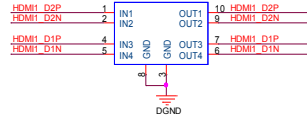
Make on board

HDMI1

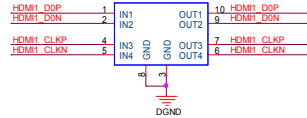


HDMI1\_D2N  
HDMI1\_D2P  
HDMI1\_D1N  
HDMI1\_D1P  
HDMI1\_D0N  
HDMI1\_D0P  
HDMI1\_CLKN  
HDMI1\_CLKP  
[3.5] ARC

U504 NC/RClamp0524P.TCT



U506 NC/RClamp0524P.TCT



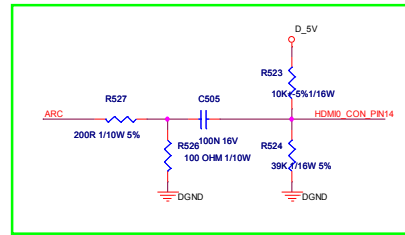
HDMI0

3 HDMI0\_D2+  
3 HDMI0\_D2-  
3 HDMI0\_D1+  
3 HDMI0\_D1-  
3 HDMI0\_D0+  
3 HDMI0\_D0-  
3 HDMI0\_CLK+  
3 HDMI0\_CLK-  
3 HDMI0\_DDC\_SCL  
3 HDMI0\_DDC\_SDA  
3 HOTPLUG0

HDMI1

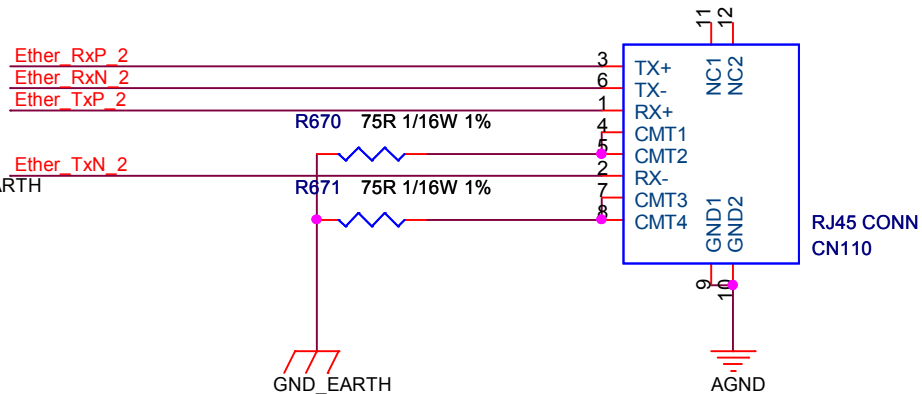
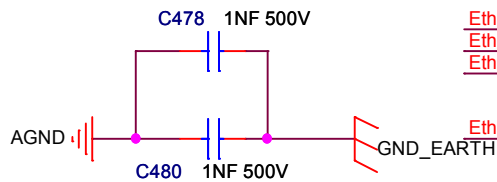
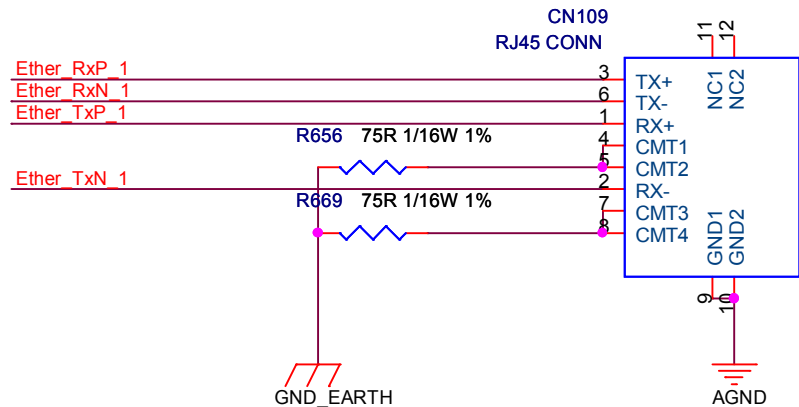
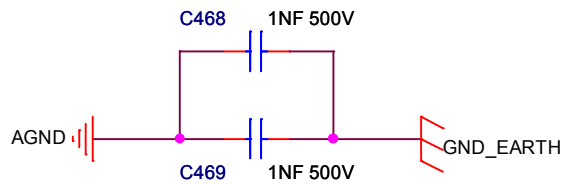
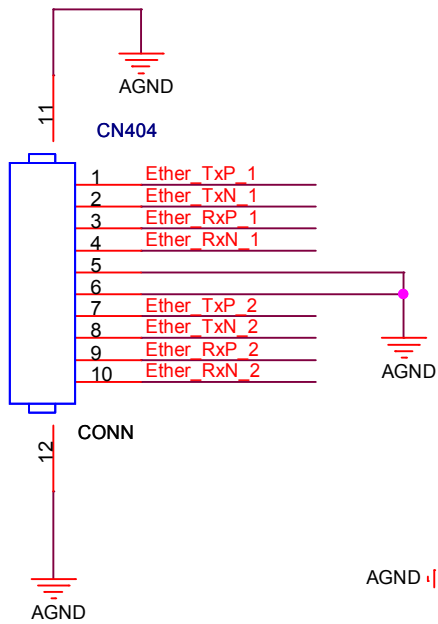
3 HDMI1\_D2+  
3 HDMI1\_D2-  
3 HDMI1\_D1+  
3 HDMI1\_D1-  
3 HDMI1\_D0+  
3 HDMI1\_D0-  
3 HDMI1\_CLK+  
3 HDMI1\_CLK-  
3 HDMI1\_DDC\_SCL  
3 HDMI1\_DDC\_SDA  
3 HOTPLUG1

[3] HDMI0\_CONSV#  
[3] HDMI1\_CONSV#



|   |  |           |        |      |   |
|---|--|-----------|--------|------|---|
| TPV (Top Victory Electronics Co., Ltd.) |  | OEM MODEL |        | Size | C |
| Key Component                           |  | TPV MODEL |        | Rev  | B |
| Date                                    |  | PCB NAME  |        | Rev  | B |
| Friday, April 11, 2014                  |  | Sheet     | 1 of 2 | Rev  | B |

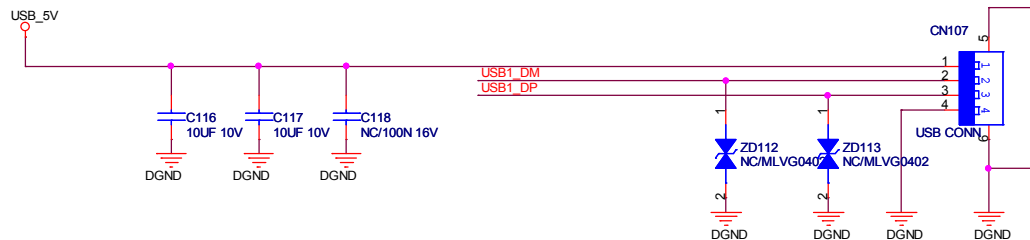




|        |                        |  |              |
|--------|------------------------|--|--------------|
| Title  |                        |  |              |
| Size A | Document Number        |  | Rev          |
| Date:  | Friday, April 11, 2014 |  | Sheet 1 of 1 |



# USB

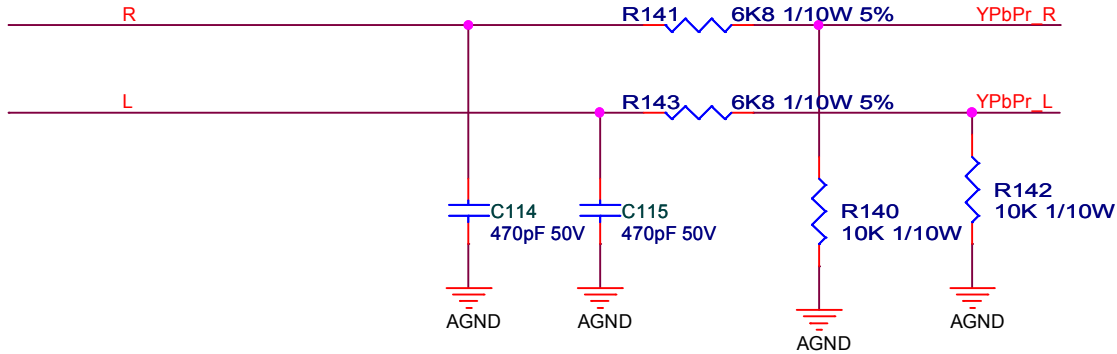
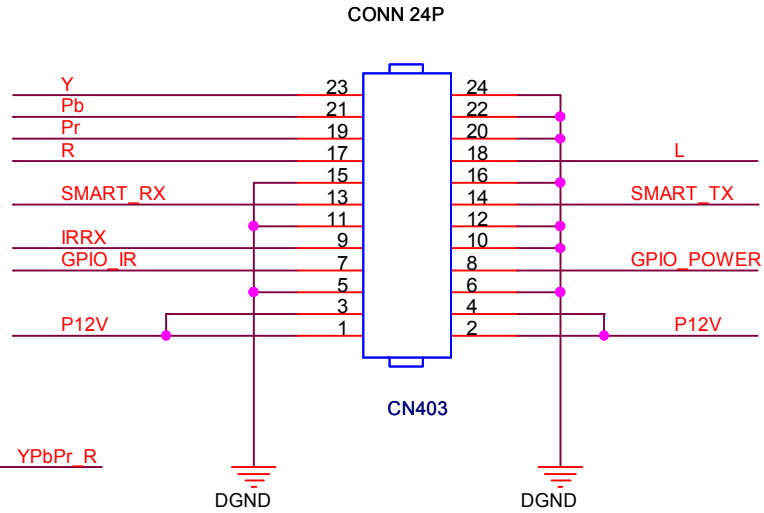
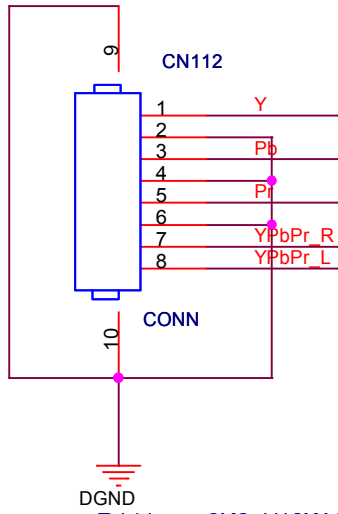
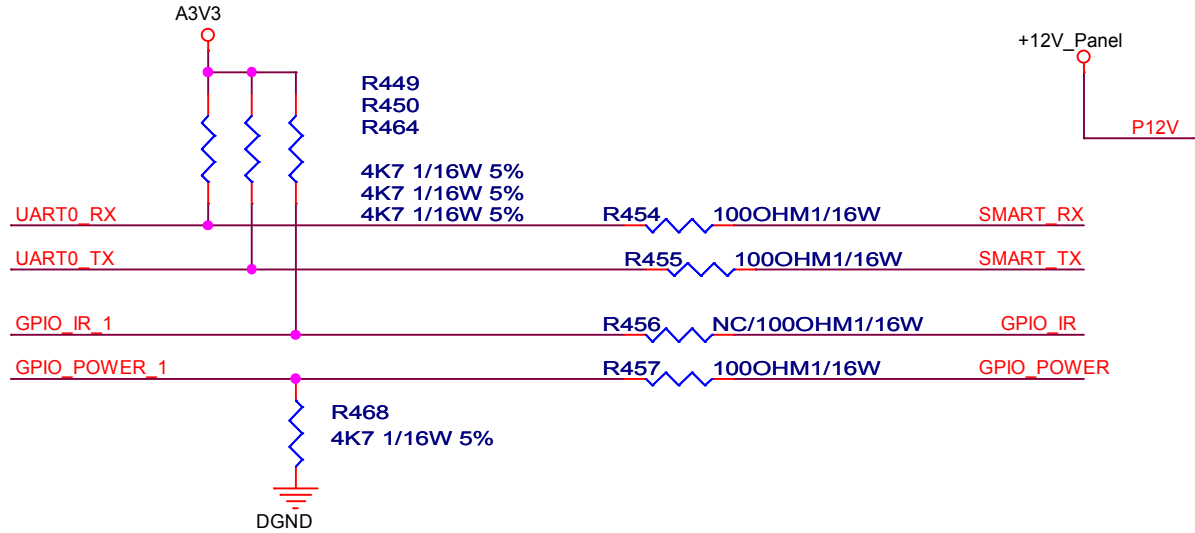
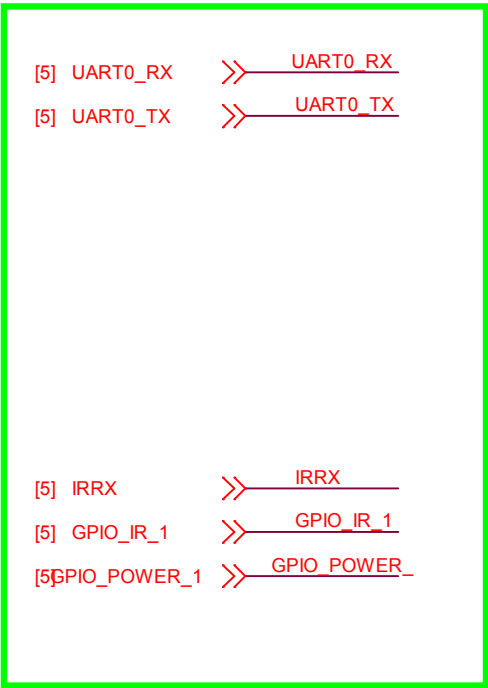


## USB 2

[3] USB1\_DM  
[3] USB1\_DP

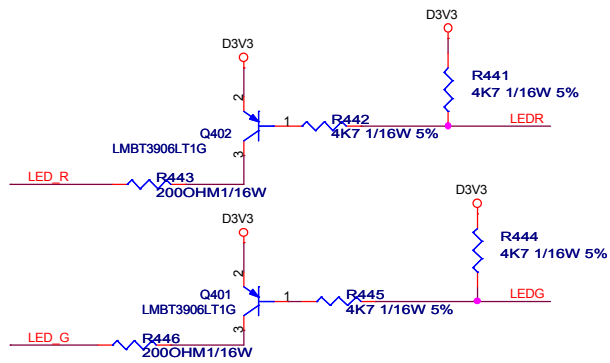


|   |                        |          |        |      |
|---|------------------------|----------|--------|------|
| TPV (Top Victory Electronics Co., Ltd.) | OEM MODEL              |          | Size   | B    |
| 紙隔瓜網腹                                   | TPV MODEL              |          | Rev    | B    |
| Key Component                           | 10. USB                | PCB NAME | 称爹     | <称爹> |
| Date                                    | Friday, April 11, 2014 | Sheet    | 1 of 2 |      |



|        |                          |              |
|--------|--------------------------|--------------|
| Title  |                          |              |
| Size A | Document Number          | Rev          |
| Date:  | Thursday, April 24, 2014 | Sheet 1 of 1 |



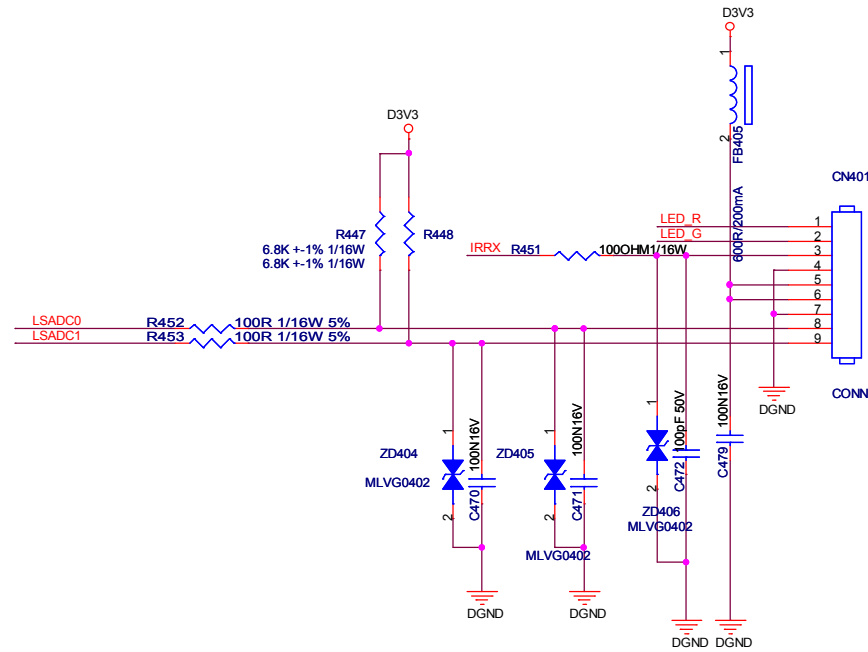


## KEYPAD

LSADC0 KEY\_UP\_DN\_DCSW  
LSADC1 KEY\_MENU\_L\_R\_SOURCE

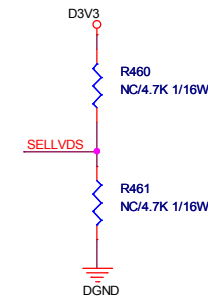
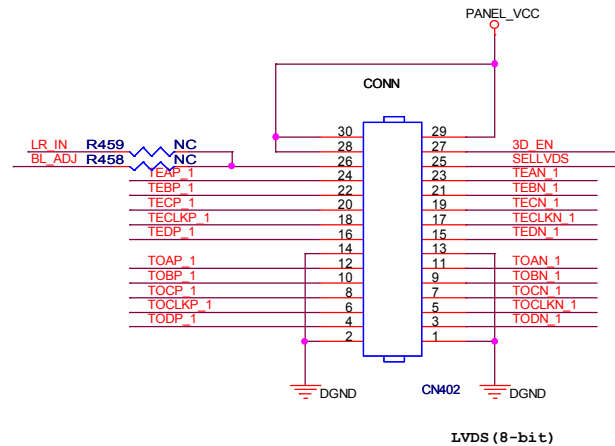
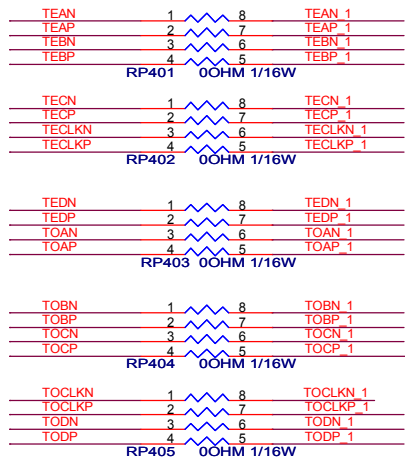
## IR

IRRX IRRX  
LEDG LEDG  
LEDR LEDR



|   |                        |       |        |
|---|------------------------|-------|--------|
| TPV (Top Victory Electronics Co., Ltd.) | OEM MODEL              | Size  | B      |
| 新隔瓜網腹                                   | TPV MODEL              | Rev   | B      |
| Key Component                           | PCB NAME               | 称爹    | <称爹>   |
| Date                                    | Friday, April 11, 2014 | Sheet | 1 of 2 |

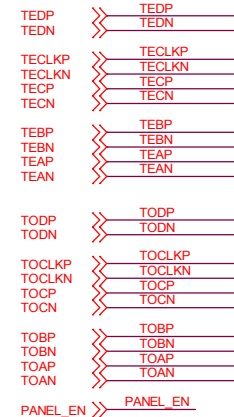




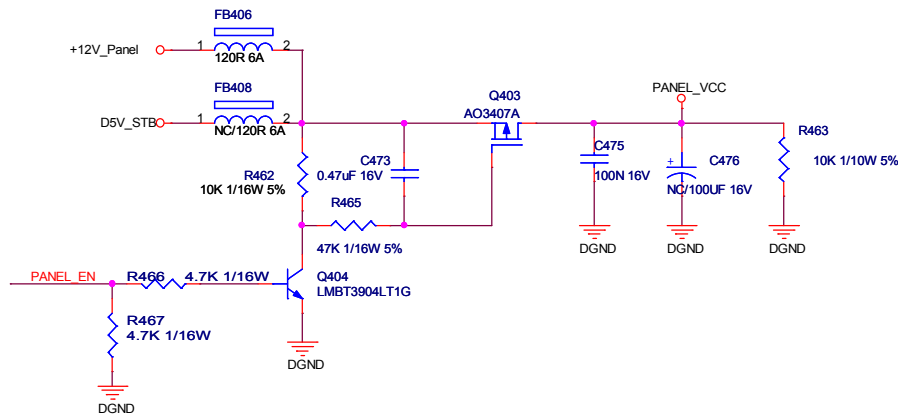
## Panel



## From Main Chip for LVDS



## Power

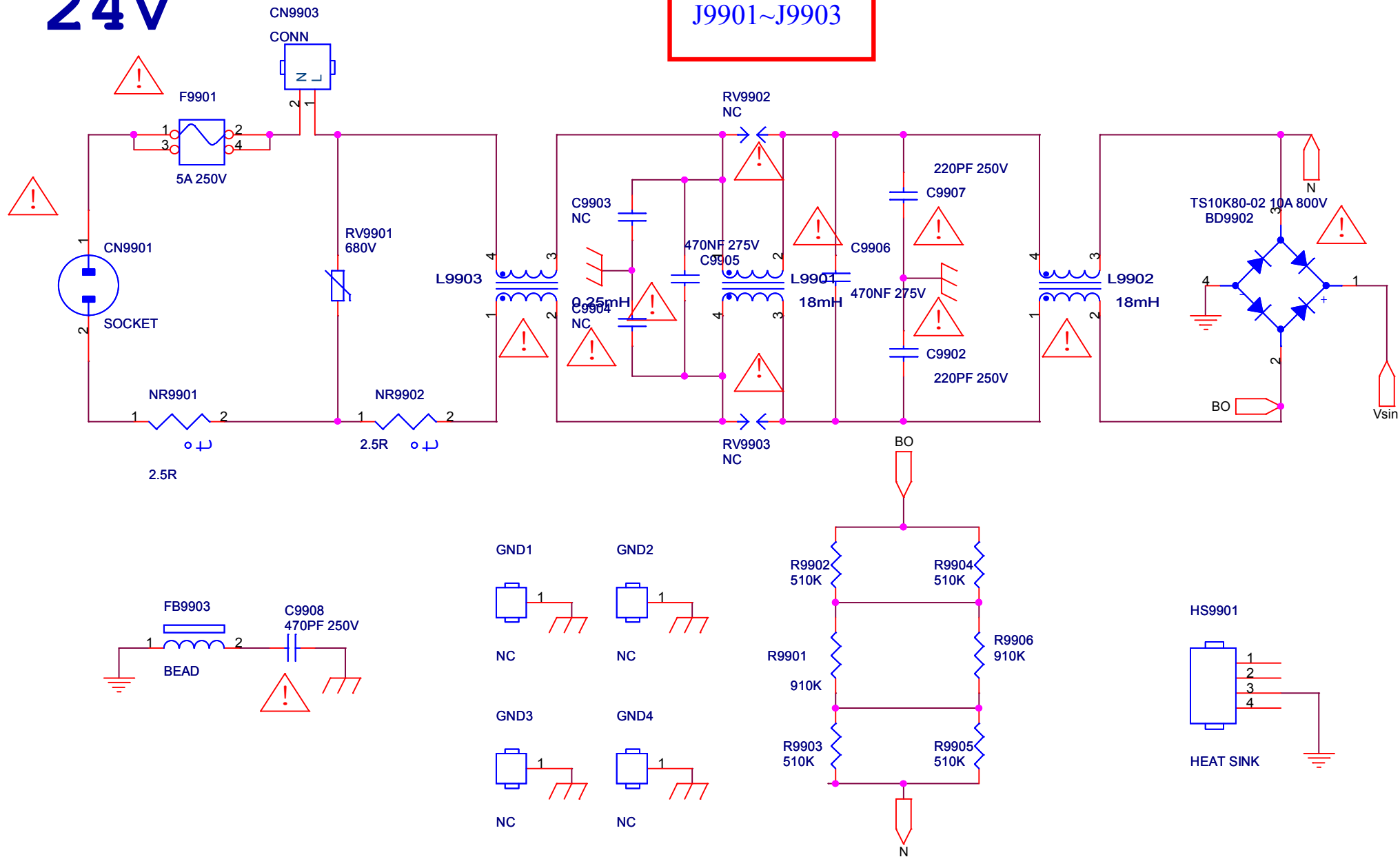


|   |                        |          |        |      |
|---|------------------------|----------|--------|------|
| TPV (Top Victory Electronics Co., Ltd.) | OEM MODEL              |          | Size   | B    |
| 紙隔瓜網廠                                   | TPV MODEL              |          | Rev    | 1    |
| Key Component                           | 16. LVDS               | PCB NAME | 称爹     | <称爹> |
| Date                                    | Friday, April 11, 2014 | Sheet    | 4 of 5 |      |



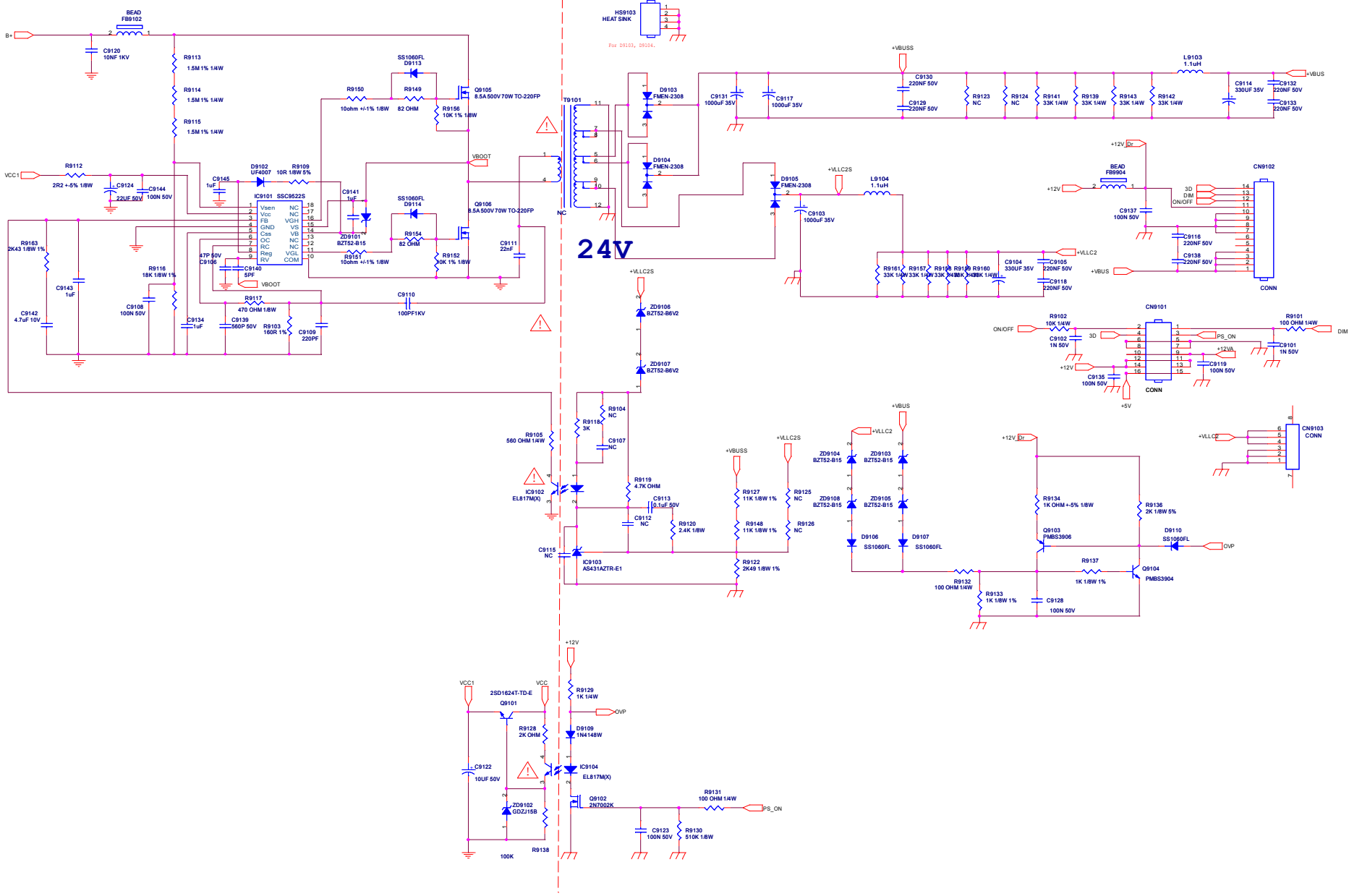
24V


J9901~J9903



|  |                             |           |                       |  |      |   |
|--|-----------------------------|-----------|-----------------------|--|------|---|
| T P V ( Top Victory Electronics Co ., Ltd. ) |                             | OEM MODEL | Skyworth E7CRN 32"    |  | Size | A |
| 結 隔 瓜 網 腹                                    | G5593-P0A-000-0020-1-120208 | TPV MODEL | PLTVCL546UAB2         |  | Rev  |   |
| Key Component                                | 01.AC input                 | PCB NAME  | 715G5593-P0D-000-0020 |  | 称爹   |   |
| Date   | Tuesday, July 15, 2014      | Sheet     | 1 of 5                |  |      |   |





|   |   |  |                             |                    |                       |        |
|---|---|--|-----------------------------|--------------------|-----------------------|--------|
|  | TPV (Top Victory Electronics Co., Ltd.) |  | OEM MODEL                   | Skyworth E7CRN 32" | Size                  | Custom |
|   | 經銷區直銷                                   |  | OS593-POA-000-0020-1-120208 | TPV MODEL          | PLTVCL546UAB2         | Rev    |
|   | Key Component                           |  | 03 Main power               | PCB NAME           | 716G5563-POD-000-0020 | Rev    |
|   | Date                                    |  | Tuesday, July 15, 2014      | Sheet              | 3 of 5                | 1      |

**24V**

Vsin

FB9801 BEAD

L9801

220uH

C9801 1uF 450V

R9805 20K 1/4W

R9814 2K 1/8W

LD7591T IC9801

VCC1

C9806 100N 50V

C9805 10uF/50V

R9812 36K 1/8W

R9813 10K 1/8W

C9809 47N 50V

C9810 0.47uF 50V

R9810 1K 1/8W

C9807 220pF 50V

R9802 10 OHM 1/8W

D9803 RB160M

33R 1/8W 5% R9803

10K 1/8W R9806

0.1R R9808

Q9801 TK18A60V

R9804 1M 1% 1/4W

R9807 1M 1% 1/4W

R9809 1M 1% 1/4W

R9811 19K1 +-1% 1/8W

C9808 47P 50V

C9802 10NF 1KV

FB9803 BEAD

D9802 FMNS-1106S

C9817 100PF

FB9802 BEAD

C9811 68UF 450V

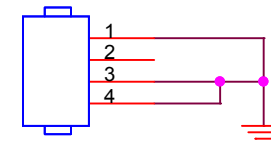
C9812 68UF 450V

B+

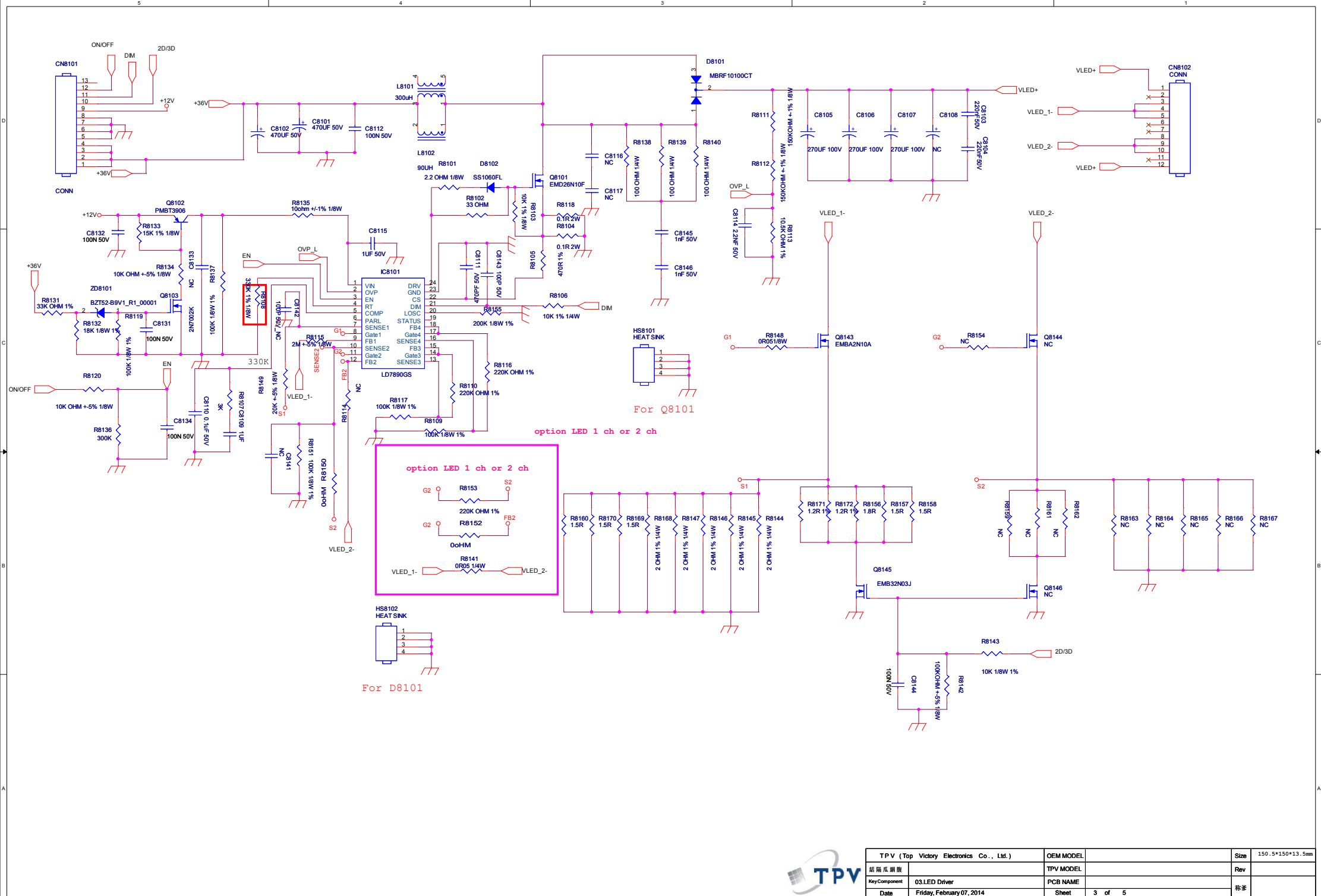
**J9801~J9803  
JR9801~JR9802**

HS9801

For Q9801  
HEAT SINK



|   |                             |           |                       |      |   |
|---|-----------------------------|-----------|-----------------------|------|---|
| T P V ( Top Victory Electronics Co., Ltd. ) |                             | OEM MODEL | Skyworth E7CRN 32"    | Size | A |
| 結 隔 瓜 網 膠                                   | G5593-P0A-000-0020-1-120208 | TPV MODEL | PLTVCL546UAB2         | Rev  |   |
| Key Component                               | 04.PFC                      | PCB NAME  | 715G5593-P0D-000-0020 | 称爹   |   |
| Date  | Thursday, January 02, 2014  | Sheet     | 4 of 5                |      |   |



|   |                           |       |        |                  |
|---|---------------------------|-------|--------|------------------|
| TPV (Top Victory Electronics Co., Ltd.) | OEM MODEL                 |       | Size   | 150.5*150*13.5mm |
| 結構圖                                     | TPV MODEL                 |       | Rev    |                  |
| Key Component                           | 03LED Driver              |       |        |                  |
| Date                                    | Friday, February 07, 2014 | Sheet | 3 of 5 | 標本               |

# CONTENTS

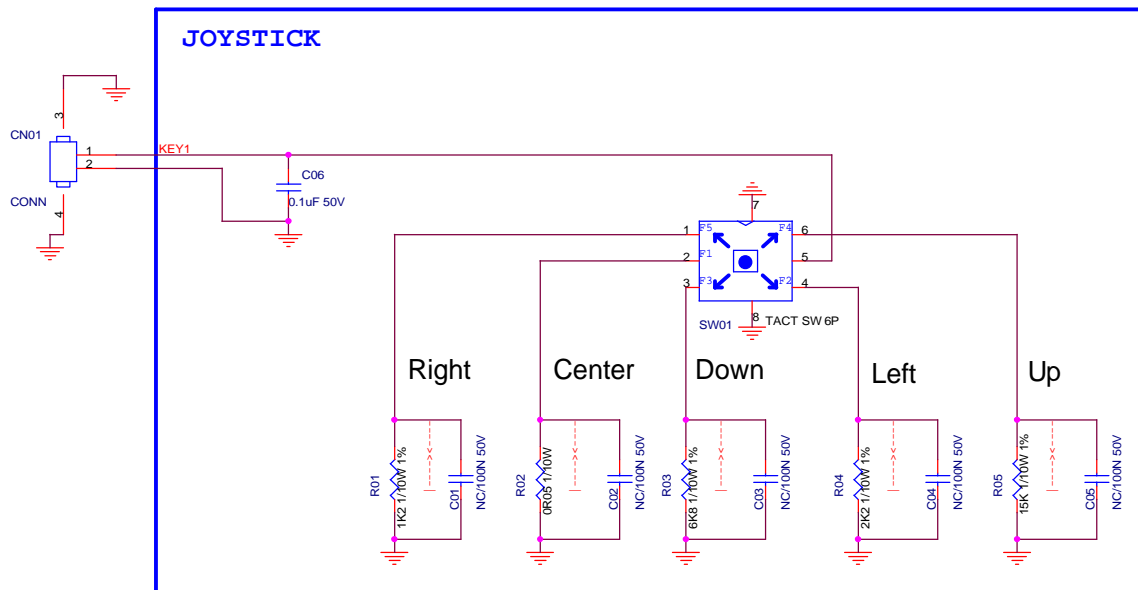
| SCHEMATIC NAME | SHEET |
|----------------|-------|
| 01.COVER       | 1     |
| 02.KEY         | 2     |
|                |       |
|                |       |
|                |       |
|                |       |
|                |       |
|                |       |
|                |       |
|                |       |
|                |       |

# REVISION HISTORY

| Date      | Author     | Ver | Reviser reason  | FN |
|-----------|------------|-----|---|----|
| 2014/5/13 | William Ou | A   | Drawing released.                                       |    |
| 2014/5/28 | William Ou | B   | PCB Demension change to 22mmX29.5mm to meet D2P5 panel. |    |
|           |            |     |   |    |
|           |            |     |   |    |
|           |            |     |   |    |
|           |            |     |   |    |
|           |            |     |   |    |
|           |            |     |   |    |
|           |            |     |   |    |
|           |            |     |   |    |
|           |            |     |   |    |



|   |                         |           |                                    |      |        |
|---|-------------------------|-----------|------------------------------------|------|--------|
| TPV (Top Victory Electronics Co., Ltd.) |                         | OEM MODEL | 2K15 PHILIPS6000 KEY CONTROL BOARD | Size | Custom |
| 線路圖編                                    | G7088-B-PHILIPS6000     | TPV MODEL |                                    | Rev  | 1      |
| Key Component                           | 01. COVER               | PCB NAME  | 715G7088-K0B                       | 備註   | XX     |
| Date                                    | Wednesday, May 28, 2014 | Sheet     | 1 of 2                             |      |        |



| Direction | switch    | Key function | Resistance | Voltage |
|-----------|-----------|--------------|------------|---------|
| Center    | 2-5 short | Menu         | 0R         | 0V      |
| Right     | 1-5 short | CH+          | 1K2        | 0.5V    |
| Left      | 4-5 short | CH-          | 2K2        | 0.81V   |
| Down      | 3-5 short | VOL-         | 6K8        | 1.65V   |
| Up        | 6-5 short | VOL+         | 15K        | 2.27V   |
|           |           | No function  |            | 3.3V    |

Joystick circuit diagram

|    | pin1 | pin2 | pin3 | pin4 | pin5 | pin6 |
|----|------|------|------|------|------|------|
| F1 |      | ○    | ○    | ○    | ○    |      |
| F2 |      |      |      | ○    | ○    |      |
| F3 |      |      | ○    | ○    | ○    |      |
| F4 |      |      |      |      | ○    | ○    |
| F5 | ○    |      |      |      | ○    |      |



|   |                            |           |                                    |  |      |    |
|---|----------------------------|-----------|------------------------------------|--|------|----|
| TPV (Top Victory Electronics Co., Ltd.) |                            | OEM MODEL | 2K15 PHILIPS6000 KEY CONTROL BOARD |  | Size | B  |
| 線路圖編                                    | G7088-B-PHILIPS5000        | TPV MODEL |                                    |  | Rev  | 1  |
| Key Component                           | 02. KEY                    | PCB NAME  | 715G7088-K0B                       |  | 備註   | XX |
| Date                                    | Monday, September 01, 2014 | Sheet     | 2 of 2                             |  |      |    |

|                |  |                  |            |        |     |  |  |   |    |
|----------------|--|------------------|------------|--------|-----|--|--|---|----|
| 5              |  | 4                |            | 3      |     | 2  |  | 1 |    |
| CONTENTS       |  | REVISION HISTORY |            |        |     |  |  |   |    |
| SCHEMATIC NAME |  | SHEET            | Date       | Author | Ver | Reviser reason                                   |  |   | FN |
| 01.COVER       |  | 1                | 2014/04/23 | Gene   | A   | First release                                    |  |   |    |
| 02.LED&IR      |  | 2                |            |        |     |  |  |   |    |
|                |  |                  | 2014/06/26 | Gene   | B   | ME DXF update                                    |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  | 2014/10/21 | Chiu   | D   | ME DXF update, LED position modify ( ESD reason) |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |
|                |  |                  |            |        |     |  |  |   |    |

TPV

|   |                          |           |                       |  |      |      |
|---|--------------------------|-----------|-----------------------|--|------|------|
| T P V ( Top Victory Electronics Co . , Ltd. ) |                          | OEM MODEL | PHILIPS 6500 IR board |  | Size | A    |
| 線路圖編號   | GXXXX-1-XXPFLXXXX-120618 | TPV MODEL | ?                     |  | Rev  | 0    |
| Key Component                                 | 01. COVER                | PCB NAME  | 715Gxxxx_R0A_000_0040 |  | 備註   | <備註> |
| Date  | Friday, October 24, 2014 | Sheet     | 1 of 2                |  |      |      |

5

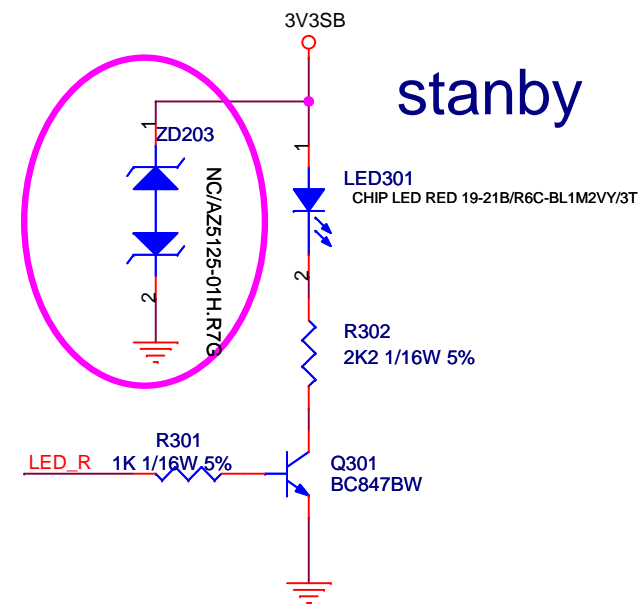
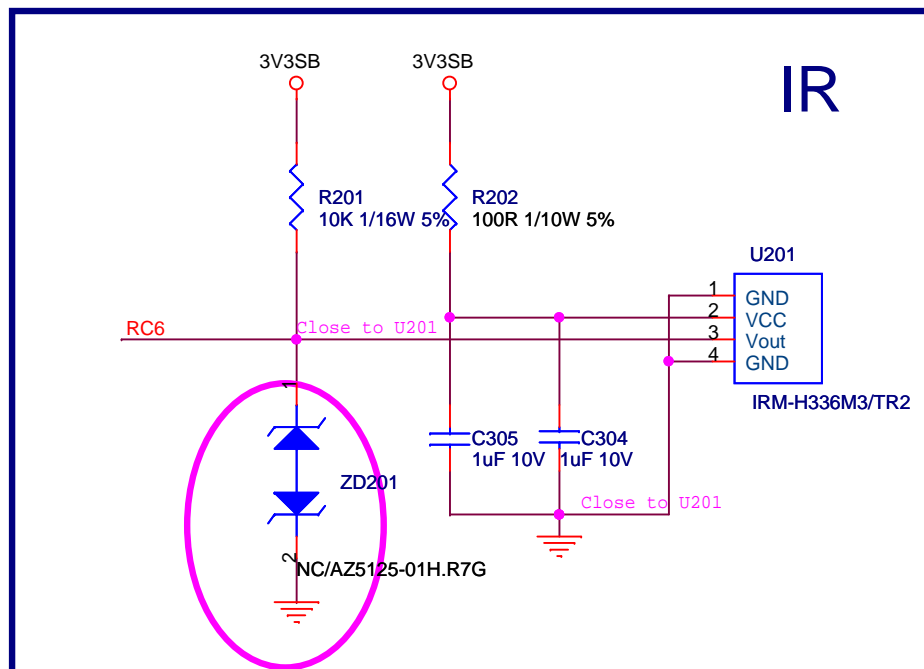
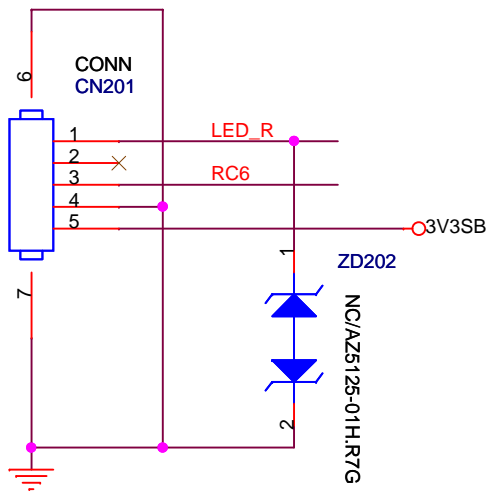
4

3

2

1





|   |                            |           |                       |  |      |      |
|---|----------------------------|-----------|-----------------------|--|------|------|
| TPV (Top Victory Electronics Co., Ltd.) |                            | OEM MODEL | PHILIPS 6500 IR board |  | Size | A    |
| 線路圖編號                                   | G5251-1-32PFL3507-111005   | TPV MODEL |                       |  | Rev  | 0    |
| Key Component                           | 02. LED&IR&3D&Light sensor | PCB NAME  | 715Gxxxx-R0A-000-0040 |  | 備註   | <備註> |
| Date                                    | Tuesday, November 11, 2014 | Sheet     | 2 of 2                |  |      |      |