

维修手册

品牌

Philips

机种

32PFL3360/T3

32PFL3380/T3

32PFL3390/T3

42PFL3360/T3

42PFL3380/T3

42PFL3390/T3



变更说明

[illegible]

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1. 技术规格

1.1 一般规格

产品信息可能会随时变更，恕不另行通知。有关详细产品信息，请转到 www.philips.com/support。

多媒体

- 支持的存储设备: USB (仅支持FAT或FAT 32 USB存储设备。)
- 支持的多媒体文件格式:
 - 图像: JPEG
 - 音频: MP3
 - 视频: MPEG 2/MPEG 4, H.264, WMV

调谐器 / 接收 / 传输

- 天线输入: 75ohm同轴 (IEC75)
- 电视系统: PAL, D/K
- 视频播放: NTSC, SECAM, PAL
- 调谐器波段: UHF、VHF

遥控器

- 类型: RC-A6070-420 (中国机型)
- 电池: 2 x AAA (LR03类型)

电源

- 主电源: 220-240V, 50-60Hz
- 待机能耗: $\leq 1\text{ W}$
- 环境温度: 5到40摄氏度
- 功耗:
 - 32PFL3390/T3: 85W
 - 32PFL3380/T3: 85W
 - 32PFL3360/T3: 85W
 - 42PFL3390/T3: 145W
 - 42PFL3380/T3: 145W
 - 42PFL3360/T3: 145W

支持的电视机安装托架

要安装电视机，请购买飞利浦电视机安装托架或与 VESA 标准兼容的电视机托架。为避免损坏电缆和插口，请确保电视机背面至少保留 2.2 英寸或 5.5 厘米的间隙。



警告

- 请按照随电视机安装托架一起提供的所有说明操作。Koninklijke Philips Electronics N.V. 对由于电视机安装不当而造成的事故、人身伤害或损失不负任何责任。

电视屏幕尺寸 (英寸)	需要的点距 (mm)	需要的安装螺钉
32	200 x 100	4 x M4 ($12\text{ mm} \leq L \leq 16\text{ mm}$)
42	400 x 400	4 x M6 (建议长度18mm)

产品规格

设计和规格若有变更，恕不另行通知。

32PFL3390/T3

32PFL3380/T3

32PFL3360/T3

- 不带电视支架
 - 尺寸(宽x高x深): 760.9 x 479.5 x 49.9 (mm)
 - 重量: 8.17 kg
- 带电视支架
 - 尺寸(宽x高x深): 760.9 x 528.0 x 221.0 (mm)
 - 重量: 10.01 kg

42PFL3390/T3

42PFL3380/T3

42PFL3360/T3

- 不带电视支架
 - 尺寸(宽x高x深): 994.1 x 611.1 x 39.9 (mm)/49.9 (音箱) (mm)
 - 重量: 13.31 kg
- 带电视支架
 - 尺寸(宽x高x深): 994.1 x 661.8 x 239.6 (mm)
 - 重量: 15.15 kg

中国等级能效

根据中国大陆《平板电视能效限定值及能效等级》，本液晶电视符合以下

型号	32PFL3390/T3 32PFL3380/T3 32PFL3360/T3	42PFL3390/T3 42PFL3380/T3 42PFL3360/T3
能效指数 (EEI _{LCD})	>=1.0	>=1.0
被动待机功率 (W)	=<0.50	=<0.50
能源效率等级	2级	2级
能效标准	GB 24850-2010	GB 24850-2010

1.2 预设显示模式

支持的显示分辨率

计算机格式

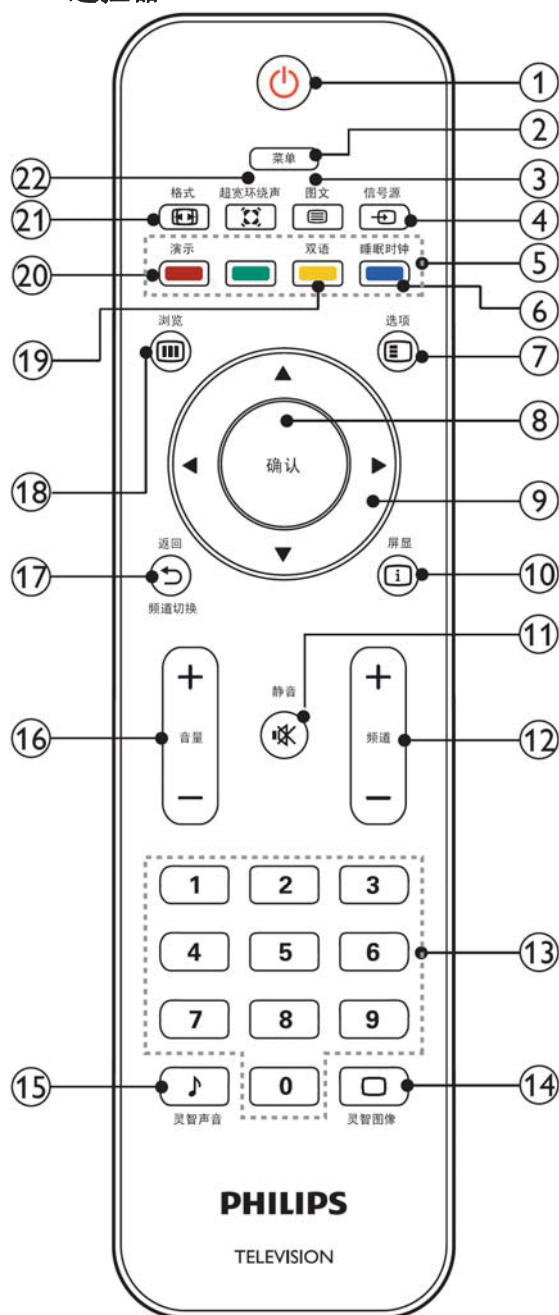
- 分辨率 - 刷新率:
 - 640 x 480 - 60Hz
 - 800 x 600 - 60Hz
 - 1024 x 768 - 60Hz
 - 1280 x 1024 - 60Hz
 - 1360 x 768 - 60Hz
 - 1920 x 1080 - R 60Hz ——
(限FULL HD, R: 减少消隐时间;
除32PFL3390/T3_32PFL3380/
T3_32PFL3360/T3不支持此分辨率)

视频格式

- 分辨率 - 刷新率:
 - 480i - 60Hz
 - 480p - 60Hz
 - 576i - 50Hz
 - 576p - 50Hz
 - 720p - 50Hz, 60Hz
 - 1080i - 50Hz, 60Hz
 - 1080p - 24Hz, 25Hz, 30Hz, 50Hz, 60Hz.

2. 操作说明

2.1 遥控器



1. 待机-开机

在电视开机时将其切换到待机。
在电视待机时开机。

2. 菜单

打开或关闭主菜单。

3. 图文

无功能。

4. 信号源

选择连接的设备。

5. 彩色按钮

选择任务或选项。

6. 睡眠时钟

在设定的时间过后，将电视切换到待机。

7. 选项

访问与当前活动或选择相关的选项。

8. 确认

菜单模式下，确认输入或选择和在看电视时显示频道列表。

USB模式下，播放/停止播放。

9. 导航按钮

菜单模式下，导航菜单。

USB模式下，影音播放时，按向前或向后寻找。

10. 屏显

可用时，显示节目屏显。如果屏显跨多页，按选项可转到下一页。

11. 静音

静音或恢复音量。

12. 频道 +/-

电视模式下，切换到上一个或下一个频道。

菜单模式下，向上翻页/向下翻页。

USB模式下，影音播放时，选择上一个或下一个档案。

13. 0-9 数字按钮

选择一个频道或设置。

14. 灵智图像

启动画面菜单。

15. 灵智声音

启动声音菜单。

16. 音量 +/-

提高和降低音量。

17. 返回/频道切换

返回上一个屏幕。

返回上一个看过的频道

18. 浏览

显示频道列表。

19. 双语

在有双声道广播时，选择声音语言。

20. 演示

打开或关闭演示菜单。

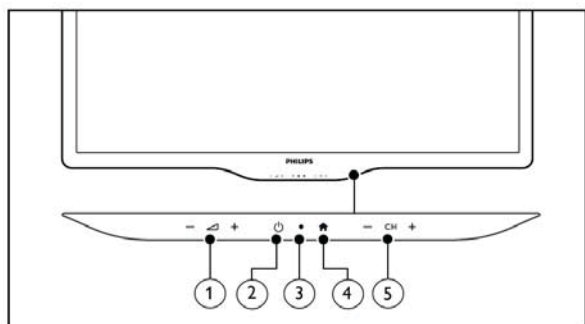
21. 格式

选择画面格式。

22. 超宽环绕声

启用立体声的超宽环绕声。启用单声道的空间模式。

2.2 控制面板

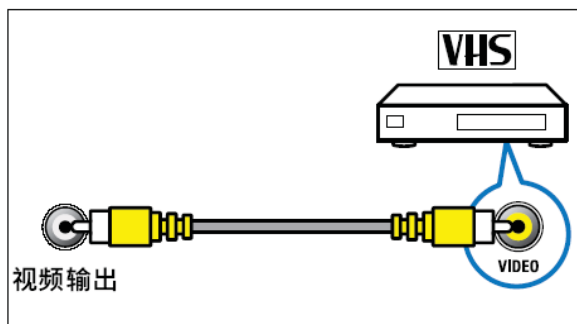


- ① \triangle +/-: 提高和降低音量。
- ② ⏻ (电源): 打开或关闭产品电源。必须拔下电源插头, 本产品才会完全断电。
- ③ 待机显示灯号及遥控器传感器。
- ④ ☰ (菜单): 打开或关闭主菜单。
- ⑤ CH +/-: 切换到上一个或下一个频道。

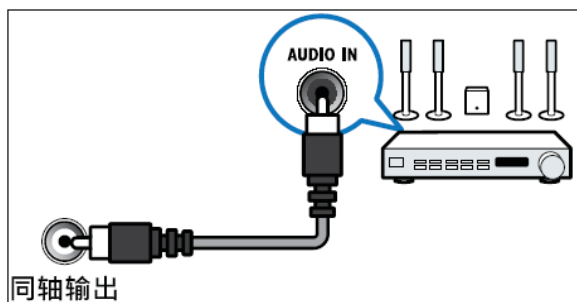
2.3 背面和侧面信源接口

底部接口

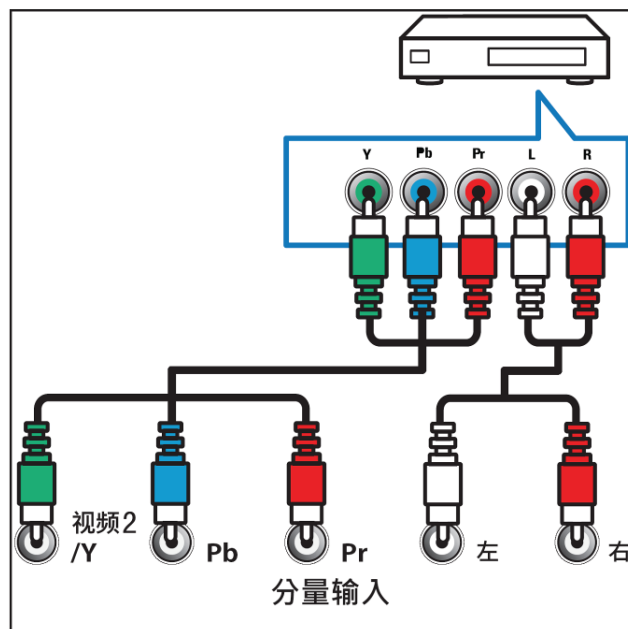
- ① 视频输出
VCR 等模拟设备中的复合视频输出。



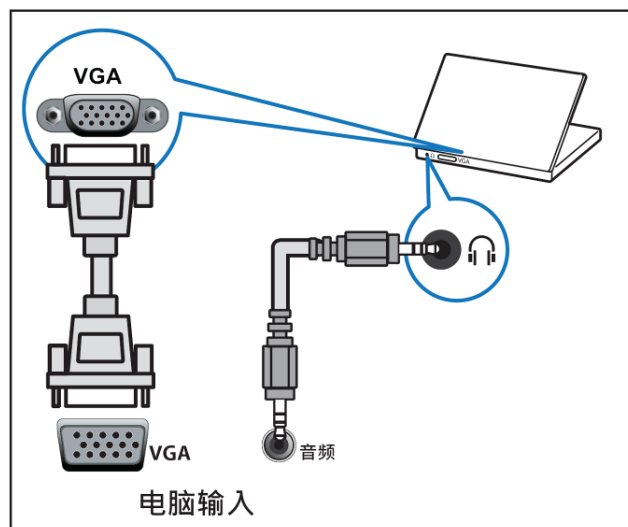
- ② 同轴输出
到家庭影院和其他数字音频系统的数字音频输出。



- ③ 分量输入 (视频/Y Pb Pr 音频 左/右)
DVD播放机或游戏机等模拟或数字设备中的模拟音频和视频输入。



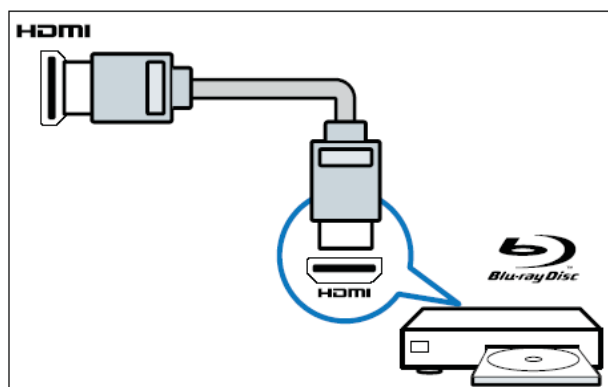
- ④ SERV. U
仅供专业维修人员使用。
- ⑤ 电脑输入 (VGA 及音频)
计算机中的音频和视频输入。
(注意: 本机VGA接口为6度倾斜设计, 插拔时请对准接口后插入)



侧面接口

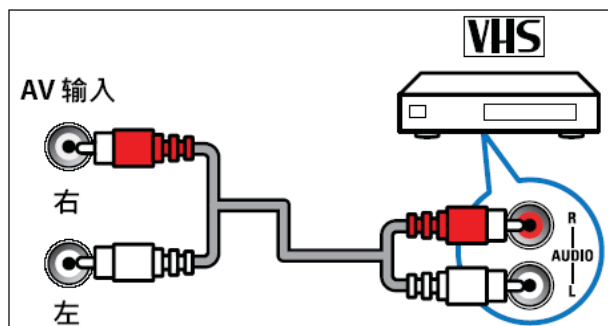
① HDMI

Blu-ray播放机等高清数字设备中的数字音频和视频输入。经由EasyLink兼容设备输出电视音频，如家庭剧院系统。通过 DVI 连接需要额外一条音频线。



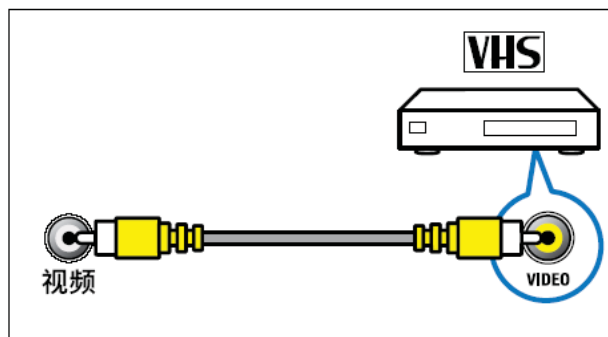
② AV 音频输入 左/右

视频上所连模拟设备中的音频输入。



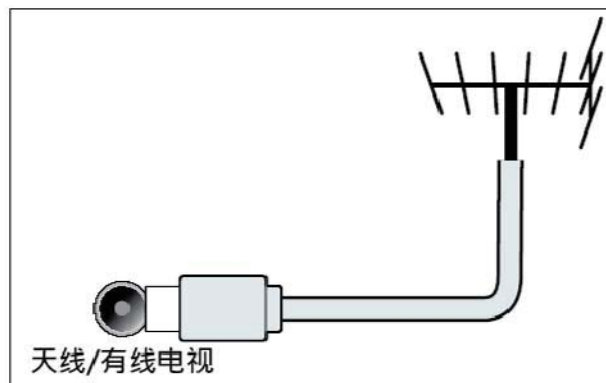
③ 视频

VCR 等模拟设备中的复合视频输入。



④ 天线/有线电视

天线、有线或卫星的信号输入。



⑤ 耳机

立体声音频输出到耳机。

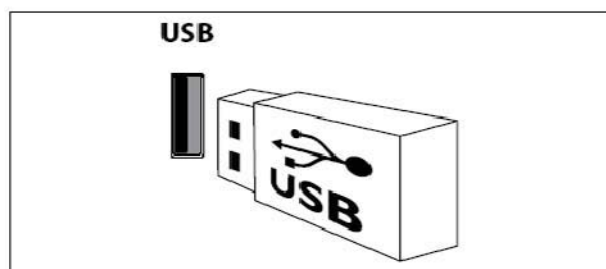


注

- 耳机插入时，电视扬声器会自动静音。

⑥ USB

USB 存储设备中的数据输入。



连接到计算机

将计算机连接到电视之前

- 将计算机上的屏幕刷新率设置为 60Hz。
- 在计算机上选择一个支持的屏幕分辨率。

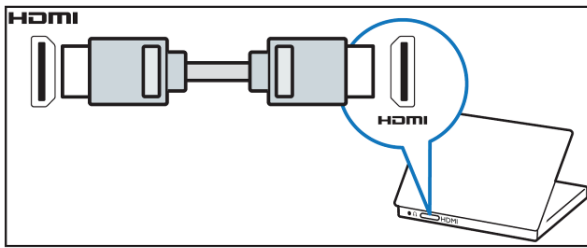
通过以下一种接口连接计算机：



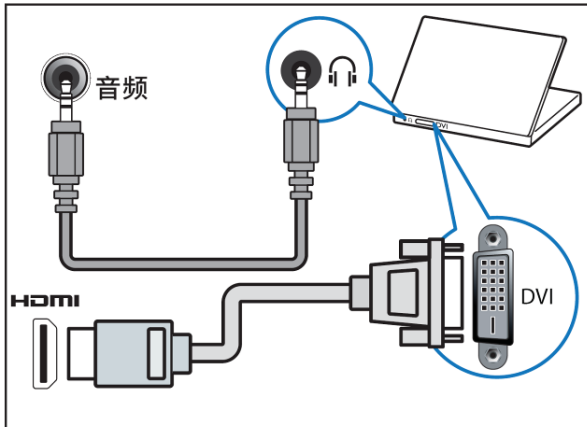
注

- 通过 DVI或 VGA 连接需要额外一条音频线。

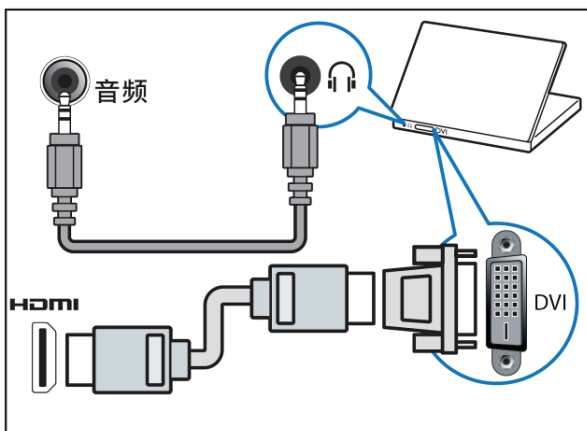
- HDMI 线



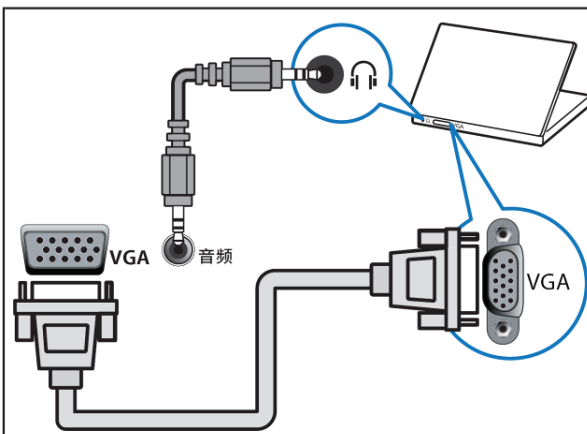
- DVI-HDMI线



- HDMI 线和 HDMI-DVI 适配器



- VGA线



使用 Philips EasyLink

充分利用您的 Philips EasyLink HDMI-CEC 兼容设备可增强控制功能而达到最大效益。透过 HDMI 接口连接的 HDMI-CEC 兼容设备可以由电视遥控器进行控制。

要启用 Philips EasyLink，您需要：

- 透过HDMI接口连接两个以上的 HDMI-CEC兼容设备
- 确认每个HDMI-CEC兼容设备都正常运作
- 切换到 EasyLink

注

- EasyLink 兼容设备必须已经打开并被选作信号源。
- Philips 不保证 100% 与所有 HDMI CEC 设备实现互操作性。

打开或关闭 EasyLink

启用HDMI-CEC兼容设备后，电视会自动打开并切换到正确的信号源。

注

- 如果您不打算使用 Philips EasyLink，请不要启用它。

- 1 按菜单。
- 2 选择 [设置] > [电视设置] > [Easylink] > [EasyLink]。
- 3 选择 [关闭] 或是 [开启]，然后按确认。

使用快捷播放

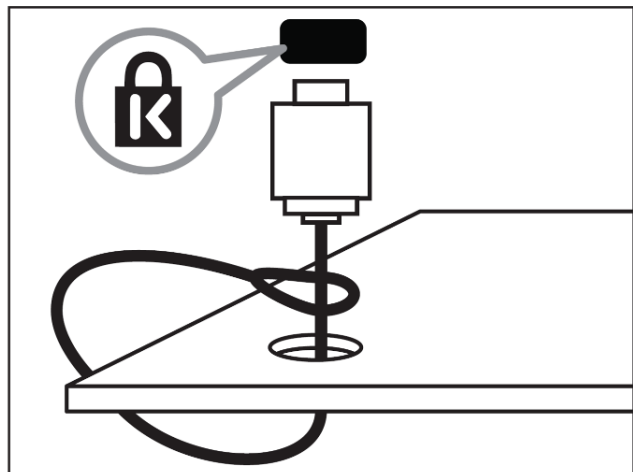
- 1 启用 EasyLink 后，在设备上按下播放。
↳ 电视会自动切换到正确的信号源。

使用快捷待机

- 1 按遥控器上的 (待机-开机)。
↳ 电视及所有连接的HDMI设备将会切换到待机。

使用 Kensington 防盗锁

本电视的背后有一个 Kensington 防盗锁插槽。通过将 Kensington 防盗锁穿锁在插槽和固定物件（如很重的桌子）上可以防止被盗。

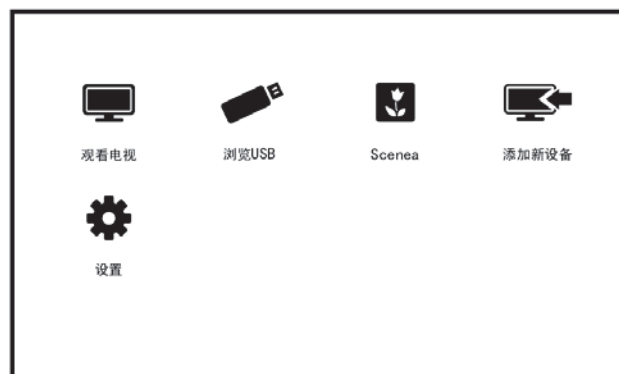


2.4 菜单操作

访问电视菜单

菜单可帮助您设定频道，更改画面和声音设置，以及访问其它功能。

- 1 按菜单。
↳ 菜单开启。



- 2 选择下列选项后，请按确认：
 - [观看电视]: 当其他讯号源被选取时，选择此项以切换回电视频道。
 - [添加新设备]: 将新设备增加到主选单。
 - [设置]: 更改画面、声音及其他设定。
 - [Scenea]: 切换至scenea壁纸。
 - [浏览USB]: 从USB存储设备中查看照片和播放音乐及影片。
- 3 如果你选择[添加新设备]，请依照荧幕上的说明选取正确的设备及接头。

变更语言

你可选择变更菜单的语言。

变更菜单语言

- 1 按菜单。
- 2 选择 [设置] > [电视设置] > [首选项] > [菜单语言]，然后按确认。
- 3 选取你想要的语言后按确认。


重命名外接设备

在菜单中新增外接设备之后，你可依照自己的喜好重新命名。




注

- 设备名称最多可使用16个字符。

- 1 按菜单。
- 2 选择要重命名的设备后，按  选项。
↳ 选项目录开启。
- 3 选择[重命名设备]之后按确认。
↳ 输入设备名称的视窗开启。
- 4 按确认。
↳ 输入文字的视窗开启。
- 5 选择字符后按确认。
- 6 新的名称输入完毕后，选择[完成]，然后按确认。

移除菜单中的设备

从菜单中移除没有连接到电视的设备。



- 1 按菜单。
- 2 选择要移除的设备后，按  选项。
↳ 选项目录开启。
- 3 选择[移除设备]之后按确认。
- 4 选择[移除]之后按确认。

更改画面和声音设置

更改画面和声音设置以适合您的喜好。您可以应用预定义的设置或手动更改设置。



注

- 观看电视或使用外部设备时，按  灵智图像或  灵智声音以快速访问画面和声音设置。


快速设定画面和声音设置

此功能可帮助你快速设定画面及声音。

- 1 按菜单。
- 2 选择 [设置] > [快速画面和声音]，然后按确认。
- 3 选择 [继续]，然后按确认。
- 4 依照画面上的说明选择你喜爱的设置。

使用灵智图像

使用灵智图像应用预定义的画面设置。

- 1 按  灵智图像。
- 2 选择下列其中一项设定后按确认。
 - [个人设定]: 使用自订的画面设定。
 - [鲜艳]: 应用多彩动态设置, 适用于白天观赏时使用。
 - [自然]: 应用自然画面质量。
 - [电影]: 应用观看电影设置。
 - [游戏]: 应用游戏设置。
 - [节能]: 应用低能耗设置。
 - [标准]: 调整画面设置以适应大多数视频环境和类型。
 - [照片]: 适用于观赏照片。
 - [自定义]: 自定并储存你的个人设定。选取[个人设定]并使用其设定。

手动调整画面设置

- 1 按菜单。
- 2 选择[设置] > [电视设置]，然后按确认。
- 3 选择[画面]后，选择下列其中一个设定后按确认。
 - [灵智图像]: 选取预定义的设定。
 - [重置]: 将设定重设到最初的预设值。
 - [对比度]: 调整背光，增加亮部与暗部间的背光强度差异。
 - [亮度]: 调整较暗区域的强度和精细度。
 - [色彩]: 调整颜色饱和度。
 - [色度]: 补偿颜色差异。

- [清晰度]: 调整图像的清晰度。
- [降噪]: 过滤和降低图像中的噪音。
- [色调]: 调整画面色彩平衡。
- [自定义色调]: 自己设定喜爱的画面色彩平衡。(只有在色调选取自定义时可做个人设定。)
- [数码晶彩]: 微调每个像素以匹配周围像素。这会产生出色的高清图像。
 - [高级清晰度]: 启用超高画面清晰度。
 - [动态对比度]: 随图像变化增强对比度。
 - [动态背光]: 调整电视背光的亮度以匹配灯光条件。
 - [色彩增强]: 使色彩更鲜艳更丰富。
 - [伽马]: 使色彩更鲜艳更丰富。
- [电脑模式]: 当电脑使用HDMI或DVI线连接到电视时调整画面设置。
- [画面格式]: 更改画面格式。
- [屏幕边缘]: 调整观看的画面。(当设置在最大值时, 你可能会看见画面边缘会出现杂讯及不平整。)
- [画面偏移]: 调整各个画面格式的画面位置。

更改画面格式

- 1 按  格式。
- 2 按  选择一个画面格式后按确认。

画面格式摘要

可以配置以下画面设置。



注

- 根据画面源的格式, 有些画面设置不可用。



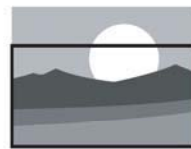
[超放大银幕]: (不适用于高清及电脑模式。) 移除电视台播放4:3格式时所造成的黑边。此动作会造成画面出现微小的变形现象。



[4:3]: 显示传统的4:3画面格式。



[无格式转换]: 适用于高清及电脑模式。会将清晰度调整至最大值。由于电视台的播放系统, 画面可能会有些微的变形产生。讲你的电脑分辨率设定在宽屏幕模式已取得最佳的显示效果。



[字幕放大]: (不适用于高清及电脑模式。) 在整个荧幕上显示4:3画面格式让字幕可现显现, 但画面顶部会有部分被裁切。



[电影扩展14:9]: (不适用于高清及电脑模式。) 将4:3的画面格式调整为14:9。




[电影扩展16:9]: (不适用于高清及电脑模式。) 将4:3的画面格式调整为16:9。



[宽屏幕]: 将4:3的画面格式调整为16:9。

使用灵智声音

使用灵智声音应用预定义的声音设置。


- 1 按  灵智声音。
- 2 选择下列其中一个设定后按确认。
 - [个人设定]: 使用在声音选项中所设的自订声音设置。
 - [标准]: 适用于大多数的环境与类型的设置。
 - [新闻]: 适用于语音(如新闻)的设置。
 - [电影]: 适用于电影的声音设置。
 - [游戏]: 适用于游戏的声音设置。
 - [剧院]: 适用于戏剧节目的声音设置。
 - [体育]: 适用于运动型节目的声音设置。

手动调整声音设置

- 1 按菜单。
- 2 选择[设置] > [电视设置], 然后按确认。
- 3 选择[声音]后, 选择下列其中一个设定后按确认。
 - [智能声音]: 访问预定义的灵智声音设置。
 - [重置]: 回复到最初的预设值。
 - [晶晰声效]: 增进声音的清晰度。
 - [低音]: 调整低音。
 - [高音]: 调整高音。
 - [环绕]: (指定型号)开启环绕声音。
 - [自动音量调衡]: 切换频道时, 自动减小突然性的音量变化。
 - [平衡]: 调整左右扬声器的平衡。

使用选项菜单

访问与当前活动或选择相关的选项。

- 1 观看电视时, 按  选项。
 - ↳ 选项目录显示。
- 2 选择下列其中一个项目后按确认:
 - [键盘提示音]: 打开遥控器或电视侧边的按键声音。
 - [时钟]: 显示时钟。
 - [状态]: 显示目前观看频道的资讯。
 - [节能]: 应用低能耗设置。





提示

- 按遥控器上的  选项进入选单。

创建和使用喜爱频道列表

您可以创建所喜爱电视频道的列表, 以使您可以轻松找到这些频道。

观看喜爱列表中的频道

- 1 在观看电视时, 按  浏览。
 - ↳ 频道列表出现。
- 2 按  选项, 选取 [选择列表] > [喜好频道], 然后按确认。
 - ↳ 只有喜爱列表中的频道会出现在频道列表中。





注

- 在你将频道加到喜爱列表之前, 喜爱频道列表是空的。

查看所有频道

您可以退出喜爱列表, 查看所有安装的频道。

- 1 在观看电视时, 按  浏览。
 - ↳ 频道列表出现。
- 2 按  选项, 选取 [选择列表] > [全部], 然后按确认。
 - ↳ 所有频道会显示在频道列表中。



注

- 在您查看频道列表时，所有喜爱频道会标有一个星号。

将频道从喜爱列表中增加或移除

- 1 在观看电视时，按 浏览。
↳ 频道列表出现。
- 2 按 选项，选取 [选择列表] > [全部]，然后按确认。
↳ 所有频道会显示在频道列表中。
- 3 按 选项，选取 [标记为喜好频道] 或 [取消标记为喜好频道]，然后按确认。
↳ 该频道被增加到喜爱列表或从喜爱列表中移除。

使用电视机时钟

您可以在电视机屏幕上显示一个时钟。

设定电视时钟

- 1 按菜单。
- 2 选择 [设置] > [电视设置] > [首选项] > [时钟]。
- 3 选择 [设置] > [日期] 或 [时间]，然后按确认。
- 4 按 选择日期或时间，然后选 [完成] 后按确认。

显示电视时钟

- 1 观看电视时，按 选项。
↳ 选项目录显示。
- 2 选择 [时钟]，然后按确认。
↳ 时钟显示。



注

- 若要关闭时钟，重复上述动作。

使用定时器

您可以使用定时器，以便在指定时间将电视切换到待机。



提示

- 在使用定时器之前，设置电视时钟。

自动将电视切换到待机 (睡眠定时器)

睡眠定时器可以在预定义的时间过后，将电视切换到待机。



提示

- 您可以提前关闭电视，也可以在倒计时期间重新设置睡眠定时器。

- 1 按菜单。
- 2 选择 [设置] > [电视设置] > [首选项] > [睡眠定时器]。
↳ 睡眠定时器显示。
- 3 从0到180分钟之间选择一个预定时间。
↳ 睡眠定时器以十分钟为单位做设定。若定时器被设定为0，睡眠定时器将被关闭。
- 4 按确认开启时间定时器。
↳ 当预定时间到时，电视将会切换到待机模式。

使用电视机锁定

通过锁定电视控制，您可以防止儿童观看某些节目或频道。

设置或更改代码

- 1 按菜单。
- 2 选择 [设置] > [频道设置] > [童锁] > [设置代码]/[更改代码]。
- 3 用遥控器上的数字键输入你的密码。
↳ 依照荧幕上的指示设置或是更改你的代码。



提示

- 如果您忘记代码, 请输入‘8888’覆盖现有密码。

锁定或解锁一个或多个频道

- 1 按菜单。
- 2 选择 [设置] > [频道设置] > [童锁] > [频道锁定], 然后输入你的密码。
↳ 频道列表显示。
- 3 选择要锁定或解除锁定的频道后, 按确认。
↳ 当你第一次要观看被锁定的频道时, 你将会被要求输入PIN码。
- 4 离开主选单后, 锁定频道功能会立即生效。



注

- 当你使用频道 +/- 选择频道时, 被锁定的频道将会被跳过。
- 当你使用频道列表或数字按钮选取被锁定的频道时, 将会提醒你需要输入PIN码。

使用Scenea将图片显示为电视壁纸

你可以让荧幕显示一张设定的或是自己传输的图片作为壁纸。

当睡眠定时器是关闭时, 壁纸会显示长达240分钟。若睡眠定时器是开启时, 该图片会显示至睡眠定时器预定的时间。

开启 Scenea

- 1 按菜单。
- 2 选择 [Scenea], 然后按确认。
↳ 如果没有设定图片, 将会显示预设定的图片。
↳ 如果有设定图片, 将会显示该设定的图片。

自订 Scenea 图片

你可以传输别的图片当做壁纸。



注

- 当你传输新的图片作为壁纸时, 将会覆盖现有的图片。
- 要传输新的图片当做壁纸时, 你需要装有图片的USB储存设备, 该图片的大小需要低于1MB。

- 1 传输一张大小低于1MB的图片到USB储存设备中。
- 2 连接USB储存设备到电视。
- 3 按菜单。
- 4 选择 [浏览 USB], 然后按确认。
- 5 选择一张图片后, 按 选项。
- 6 选择 [设为壁纸] 后按确认。

从USB存储设备中查看照片和播放音乐及影片

USB支持的视频格式:

- 支持的存储设备: USB (仅支持FAT或FAT 32 USB存储设备。)
- 支持的多媒体文件格式:
 - 图像: JPEG
 - 音频: MP3
 - 视频: MPEG 2/MPEG 4, H.264, WMV



注意

- 对于不支持USB存储设备, Philips不承担任何责任, 同时, 对于该设备中的数据损坏或丢失也概不负责。

从连接的USB储存设备中观看照片与播放音乐及影片

- 1 打开电视。
- 2 连接USB储存设备到电视侧面的USB插槽。
- 3 按菜单。
- 4 选择 [浏览 USB], 然后按确认。
↳ USB浏览页开启。

观看照片

- 1 在USB浏览页中选取 [图片], 然后按确认。
- 2 选取一张照片或是资料夹, 然后按确认。该照片将会被放大至全荧幕。
 - 按 ◀▶ 观看上一张或下一张照片。

观看照片的幻灯片

- 1 在照片全荧幕播放时, 按确认。
↳ 从被选取的照片开始播放幻灯片。
- 2 按以下的按钮控制照片播放:
 - 确认: 播放/暂停播放
 - ◀ / ▶: 观看上一张或下一张照片。

更改播放幻灯片的设定

- 1 在播放幻灯片时, 按 [E] 选项。
↳ 显示幻灯片的选项目录。
- 2 选择下列其中一个项目后按确认。
 - [幻灯片停止]: 停止播放幻灯片。
 - [幻灯片放映转换]: 设定转换照片时的特效。
 - [幻灯片放映频率]: 选择每张照片显示的时间。
 - [重复/播放一次]: 选择一次或是重复播放幻灯片。
 - [随机播放开/关]: 依序或是随机播放幻灯片。
 - [旋转图像]: 旋转照片。
 - [显示信息]: 显示照片的名称、日期、大小以及下一张照片。

注

- [旋转图像] 及 [显示信息] 只会在幻灯片停止播放时会显示。

聆听音乐

- 1 在USB浏览页中选择 [音乐], 然后按确认。
- 2 选择一个音乐曲目或专辑, 然后按确认播放。

更改播放音乐的设定

播放音乐时, 按 [E] 选项, 并选取以下其中一项设定后按确认。

- [停止播放]: 停止播放音乐。
- [重复/播放一次]: 选择一次或是重复播放音乐。
- [随机播放开/关]: 依序或是随机播放音乐。
- [显示信息]: 显示档案资料。
- [声音]: 设定声音的播放模式。

观看幻灯片时播放音乐

你可在观看幻灯片的同时播放背景音乐。

- 1 选择一个音乐专辑。
- 2 按确认。
- 3 按 ⏮ 返回/频道切换 回到USB浏览页。
- 4 选择一个相簿。
- 5 按确认播放幻灯片。

观看影片

- 1 在USB浏览页中选择 [视频], 然后按确认。
- 2 按确认播放影片。
- 3 按以下的按钮控制影片播放:
 - 确认: 播放/暂停播放
 - ◀ / ▶: 向前或向后寻找。

更改播放影片的设定

播放影片时, 按 [E] 选项, 并选取以下其中一项设定后按确认。


- [停止播放]: 停止播放影片。
- [重复/播放一次]: 选择一次或是重复播放影片。
- [随机播放开/关] 依序或是随机播放影片。
- [全屏/小屏幕]: 选择播放画面大小。
- [显示信息]: 显示档案资料。

移除USB储存装置



注意

- 请依照下列步骤移除以预防损坏USB储存装置。

- 1 按  返回/频道切换离开USB浏览页。
- 2 等候约五秒钟后再移除USB储存装置。

更新电视软件

Philips 不断努力改进其产品，我们建议您在推出更新时对你的电视软件进行更新。请访问 www.philips.com/support 网站查询是否有更新。

检查当前软件版本

- 1 按菜单。
- 2 选择 [设置] > [软件设置] > [当前软件信息]，然后按确认。
↳ 显示目前软件版本资料。

更新软件

你可使用下列方法更新软件：

- 使用USB储存装置自动更新，
- 使用USB储存装置手动更新。

使用USB储存装置自动更新

- 1 按菜单。
- 2 选择 [设置] > [更新软件]。
- 3 依照画面上的说明更新软件。



注

- 软件更新完成后电视会重新开机。

使用USB储存装置手动更新

- 1 使用你的PC打开网络浏览器，并登入网页www.philips.com/welcome。
- 2 找到与你的电视相关的资讯和软体。
- 3 找到最新版的更新档案。
- 4 比对软体版本。
 - 如果目前电视的软体版本与最新的更新档案版本相同，你不需要更新你的电视软体。
 - 如果目前电视的软体版本数字比最新的更新档案版本数字小，将最新软体的更新档案下载到你的PC。
- 5 将该ZIP压缩档案解压缩。
- 6 将档案复制到USB储存装置的根目录。
- 7 将USB储存装置连接到电视。
- 8 选择 [设置] > [软件设置] > [本地更新]。
- 9 依照荧幕上的说明更新软体。



注

- 软体更新完成后电视会重新开机。

更改电视的偏好设定

- 1 按菜单。
- 2 选择 [设置] > [电视设置] > [首选项]。
- 3 选择下列其中一个项目后按确认。
 - [菜单语言]: 选择菜单显示的语
 - 言。
 - [睡眠定时器]: 在设定的时间后让电视进入休眠。
 - [位置]: 针对你的电视所选的环境设定 - 家用或是商店。
 - [电子标签]: 开启或关闭电视标签。仅使用于商店模式。
 - [音量条]: 当你调整音量时显示音量大小。
 - [自动关机]: 为了节省能源, 当电视在一段时间下没有输入影像后, 电视将会被自动关机。
 - [频道信息大小]: 变更切换频道时频道信息显示的模式。
 - [键盘提示音]: 当你按遥控器或电视控制按钮时会发出提示声音。
 - [电视位置]: 选择你的电视安装方式。
 - [时钟]: 设定时钟的日期与时间。

观看电视演示

你可从电视演示中更了解电视的功能。某些型号没有此演示功能。

- 1 观看电视时, 按菜单。
- 2 选择 [设置] > [观看演示], 然后按确认观看。

重置到出厂时的设定

你可以将画面及声音的设置重置到出厂时的设定。频道设定将不会被重置。

- 1 按菜单。
- 2 选择 [设置] > [电视设置] > [出厂设置], 然后按确认。
- 3 输入PIN码 (默认PIN码为8888), 选择 [重置] 后, 按确认开始重置设定。

第一次设置电视时, 会提示您选择一个菜单语言和安装电视频道。本章介绍如何重新安装和微调频道。

自动搜索频道

步骤1 选择菜单语言

- 1 按菜单。
- 2 选择 [设置] > [电视设置] > [首选项] > [菜单语言], 按确认。
- 3 选择语言后按确认。

步骤2 自动搜索频道

- 1 按菜单。
- 2 选择 [设置] > [自动搜索频道], 按确认。
- 3 按确认开始自动搜索频道。

手动设定频道

步骤1 选择你的系统



注

- 如果你的系统设定是正确的, 你可以略过这个步骤。

- 1 按菜单。
- 2 选择 [设置] > [频道设置] > [频道设定] > [模拟: 手动安装天线]。
- 3 选择你的 [彩色制式] 及 [声音系统]。

步骤2 搜寻并储存新的频道

- 1 按菜单。
- 2 选择 [设置] > [频道设置] > [频道设定] > [模拟: 手动安装天线] > [搜索]。
 - 可直接输入频道频率。
 - 选择 [搜索], 按确认, 开始搜索。



- 3 当搜索完成, 选 [取消] 离开选单。
 - 选择 [存储为新频道] 将搜索到的频道储存。
 - 选择 [储存当前频道] 将搜索到的频道覆盖现有的频道号码。

步骤3 微调类比频道

- 1 按菜单。
- 2 选择 [设置] > [频道设置] > [频道设定] > [模拟:手动安装天线] > [微调]。
- 3 按 ▲▼ 调整频道频率。




重命名频道

您可以重命名频道。在选择频道时, 名称会出现。

- 1 观看电视时, 按  浏览。
 - ↳ 频道列表出现。
- 2 选择要重命名的频道, 按  选项后选择 [重命名频道]。
 - ↳ 输入频道名称的画面出现。
- 3 按确认。
 - ↳ 输入文字的动态键盘画面出现。
- 4 按 ▲▼◀▶ 选取字母键入频道名称后, 选择 [完成] 后, 按确认。

重排频道

安装频道后, 可以重排频道显示的顺序。

- 1 在观看电视时, 按  浏览。
 - ↳ 频道列表菜单出现。
- 2 按  选项。
 - ↳ 频道选项菜单出现。
- 3 选择 [重新排序], 然后按确认。
- 4 选择要重新排序的频道, 然后按确认。
 - ↳ 所选频道被突出显示。
- 5 将突出显示的频道移到新位置, 然后按确认。
- 6 按  选项。
- 7 选择 [重新排序完成], 然后按确认。

3. 拆卸流程图

32PFL3390/T3

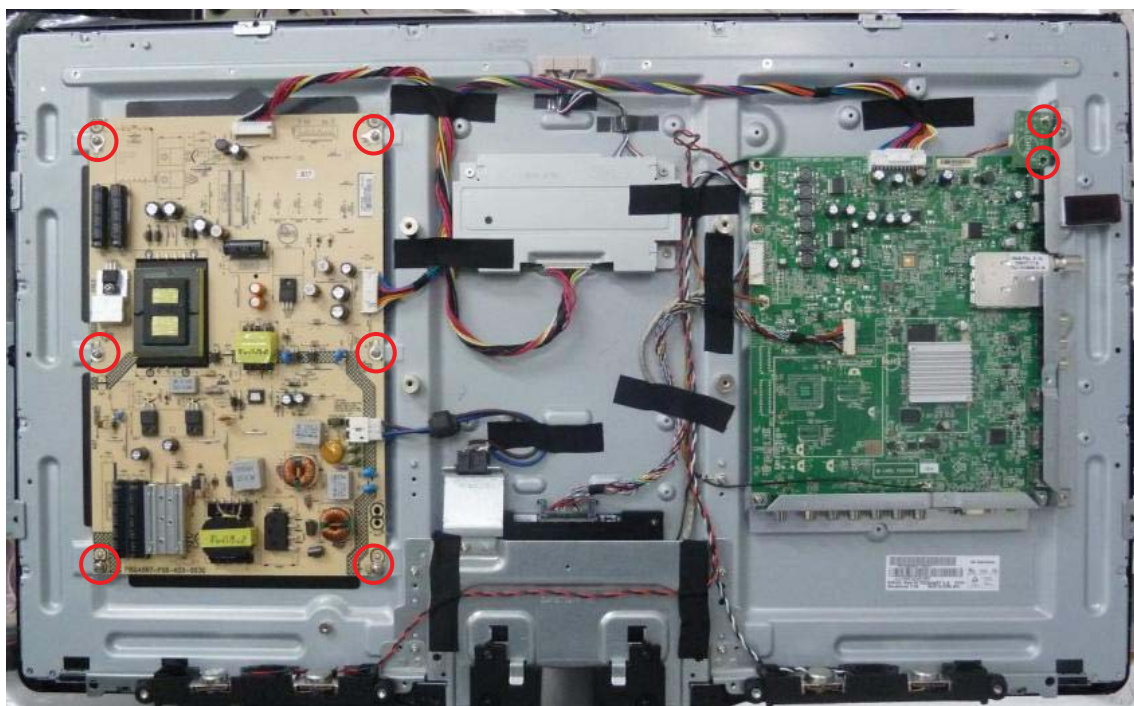
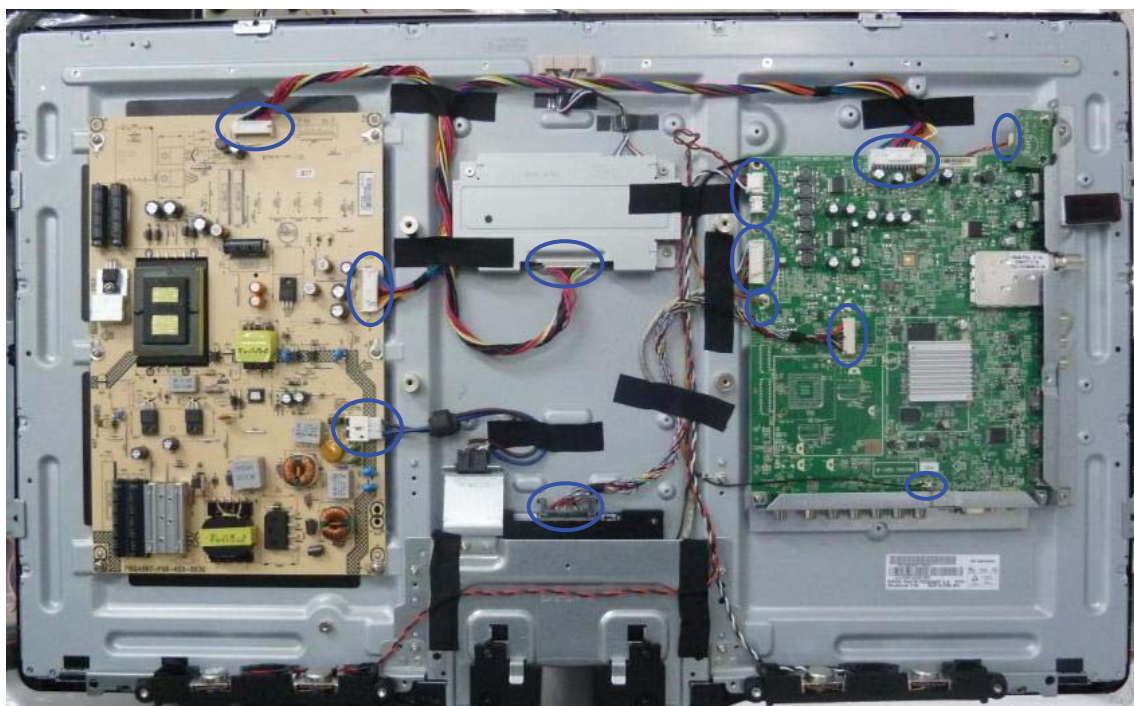
第一步：旋开红色标示的螺丝移除支架组件。



第二步：旋开红色标示的螺丝移除后壳。

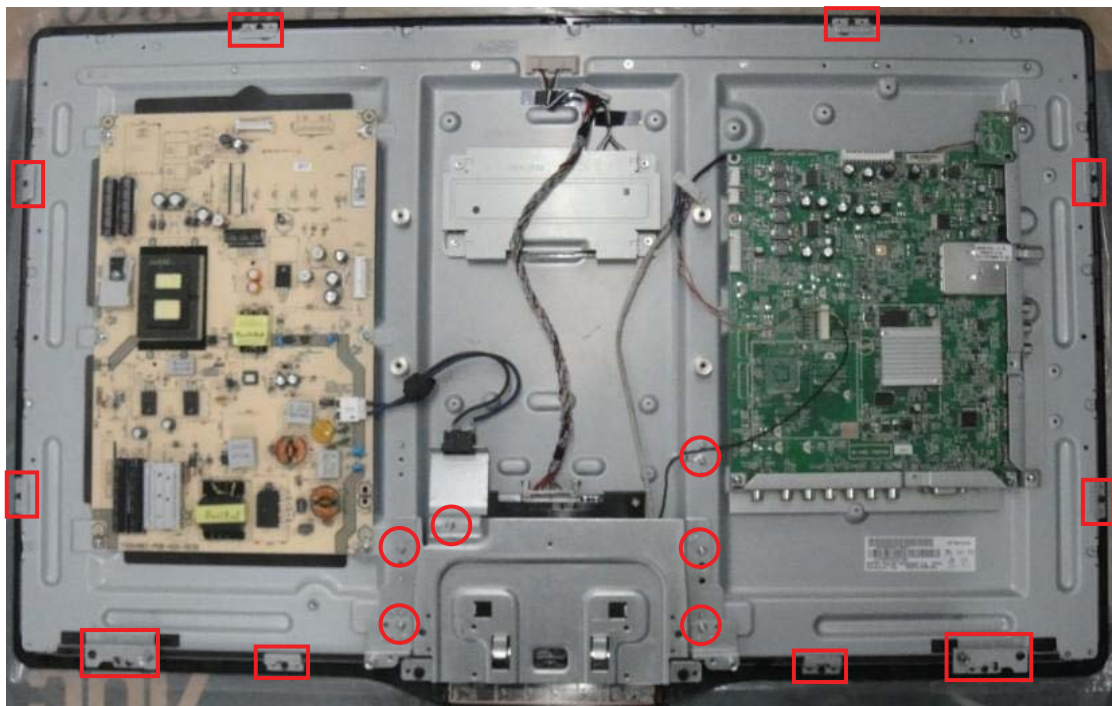


第三步：拔掉蓝色标示的 PIN，旋开红色标示的螺丝移除板子。





第四步：旋开红色标示的螺丝移除铁件。



第五步：移去 panel，前框如下图所示：



42PFL3390/T3

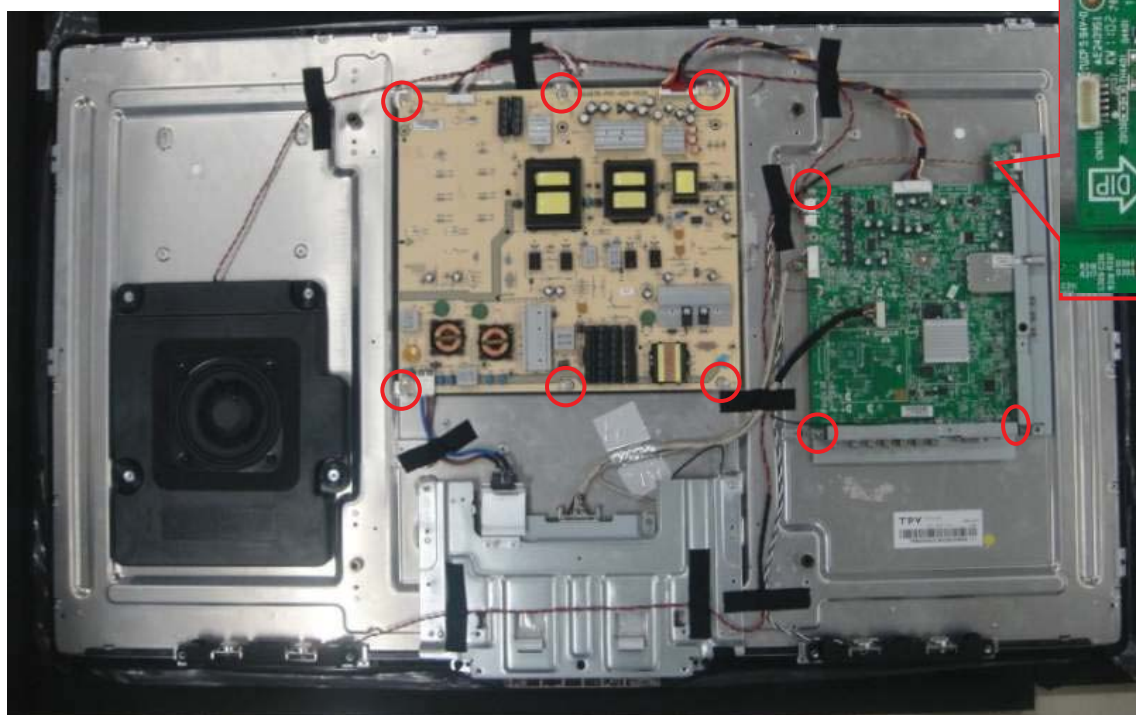
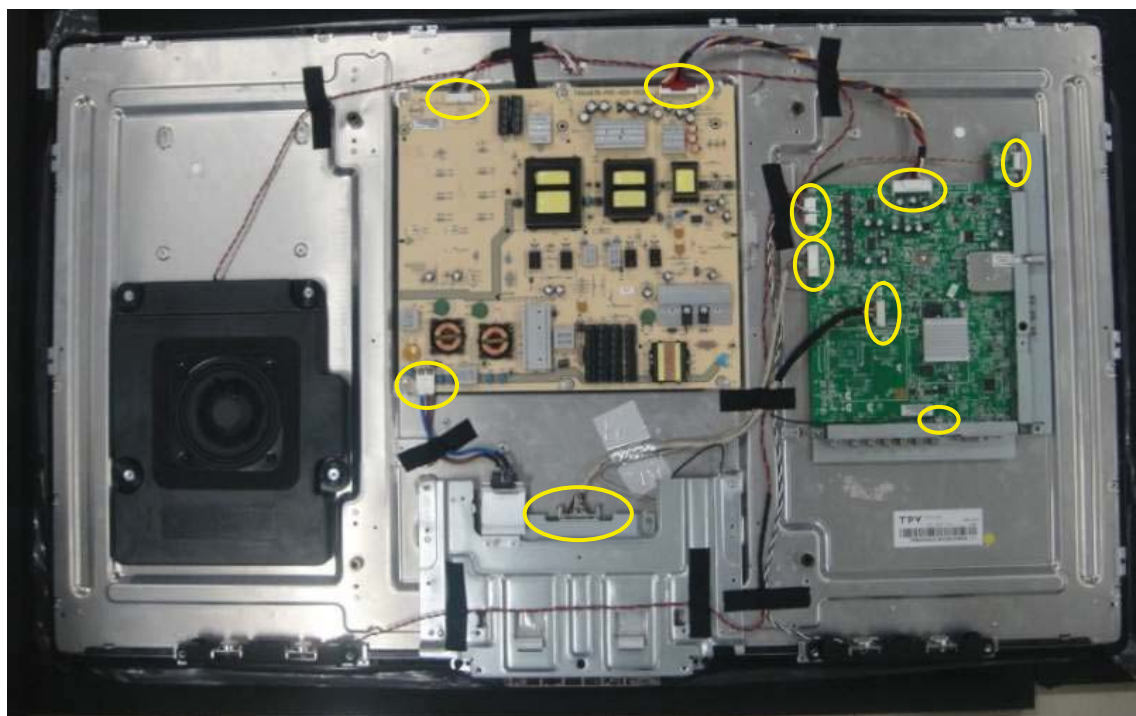
第一步：旋开红色标示的螺丝移除支架组件。



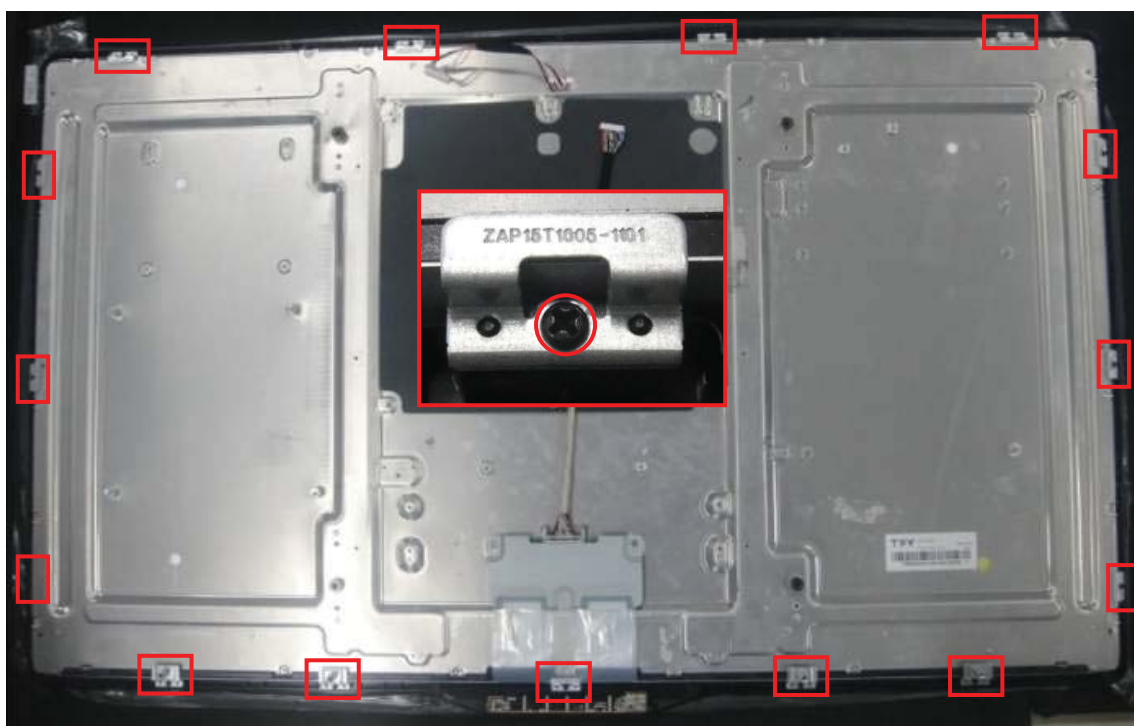
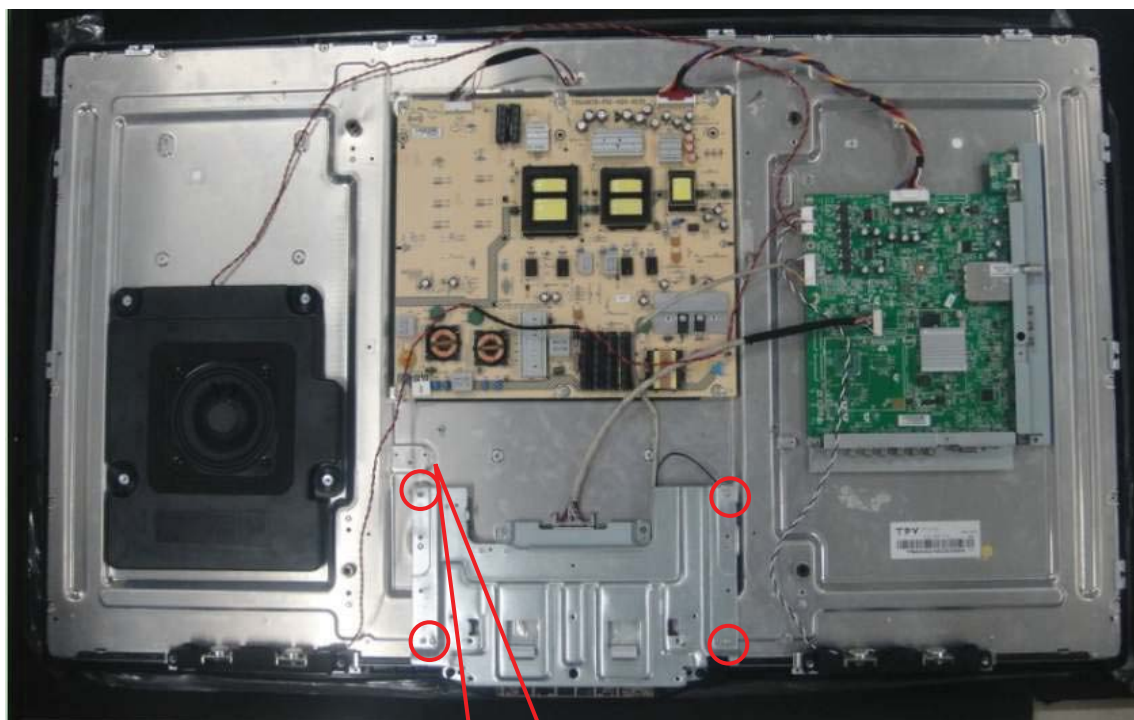
第二步：旋开红色标示的螺丝移除后壳。



第三步：拔掉黄色标示的 PIN，旋开红色标示的螺丝移除板子。



第四步：旋开红色标示的螺丝移除铁件。



第五步：移去 panel，前框如下图所示：



4. 工厂模式调整

ADC调整

1. 在CVI模式下，信号产生器选择为Tim314，Pat185（720p，彩阶画面）
2. 进入工厂菜单：按遥控器“菜单+1999+返回”，如下图。
3. 选择到“AUTO_COLOR”，按‘OK’键进行手调ADC ,此时会显示“正在等待自动调整”。

ADC调整完后消失该提示。



图 1

4. 再选择到“VGA”模式，信号产生器切换为Timing137(1024*768@60Hz) Pattern 42(5-DISK).
5. 进入工厂菜单：按遥控器“菜单+1999+返回”。
6. 选择到“AUTO_COLOR”，按‘OK’键进行手调ADC ,此时会显示“正在等待自动调整”。

ADC调整完后消失该提示，ADC调整完成。



图 2

白平衡调整

- 1. 在CVI模式下，信号产生器选择为Tim 311(Component 576i) Pattern 141(80% White)
- 2. 选择色温：进入OSD菜单，设置->电视设置->画面->色调->冷色。
- 3. 进入工厂菜单：按遥控器“菜单+1999+返回”，并将CA210探头放于TV正中间
- 4. 选择到Item CLR_TEMP_R / CLR_TEMP_G / CLR_TEMP_B并调整其中的参数，如下图，使其色温值在cool的色温规格内（规格见下表）。
- 5. 重复步骤2到步骤4，进行Normal和 Warm色温调整。



图 3

6300系列色温规格:

Color Temp	x	y
Cool	0.262± 0.010	0.267± 0.010
Normal	0.278 ± 0.010	0.292 ± 0.010
Warm	0.296 ± 0.010	0.312 ± 0.010

注：下页是关于一般工厂菜单的说明（和本机并非完全相同），仅供参考！

工厂菜单说明

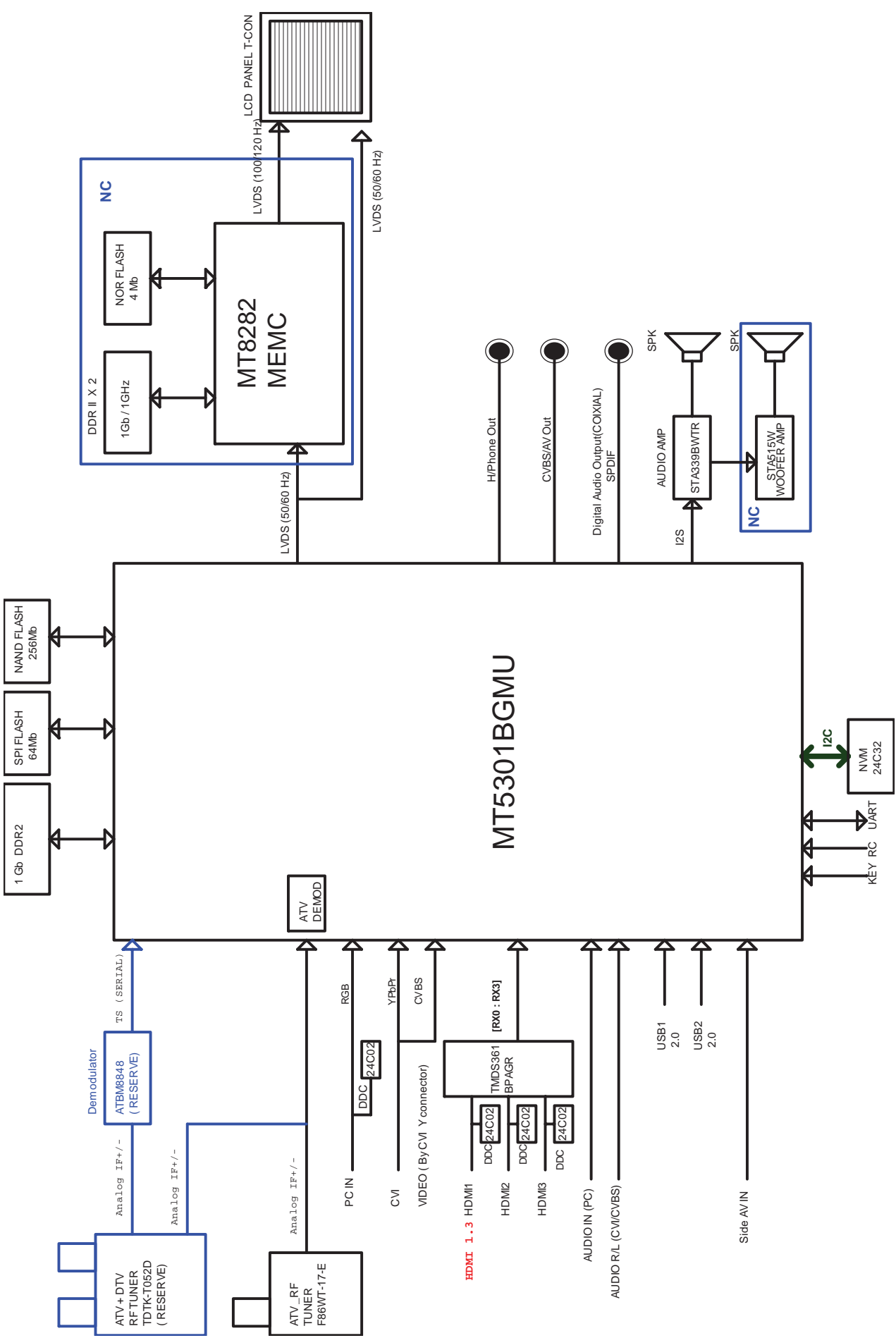
选项名称	调整范围	TV	AV/S	Comp	HD	PC	注释
Brand	不可调整	0	0	0	0	0	客户名称
Main-MCU ver.	不可调整	0	0	0	0	0	发布软件 Main-MCU 版本
Bootloader ver.	不可调整	0	0	0	0	0	发布软件 Bootloader 版本
Sub-MCU ver.	不可调整	0	0	0	0	0	发布软件 Sub-MCU 版本
EEPROM ver.	不可调整	0	0	0	0	0	发布软件 EEPROM 版本
Date	不可调整	0	0	0	0	0	软件发布日期
Model name	不可调整	0	0	0	0	0	对外机种名
Scaler	不可调整	0	0	0	0	0	Scaler 型号
Panel type	不可调整	0	0	0	0	0	屏的型号
Current source	支持输入源	√	√	√	√	√	当前进工厂时的输入源, 该项可切换输入源, 对应输入源的 ADC, 色温, Scaler 等相关信息同步更新。
Auto color	执行动作	√	√	√	√	√	Auto color 项只对需要做自动校正输入源时有效, 否则它不动作。Auto color 会对输入的 ADC 做自动矫正, 调整 ADC Gain 和 Offset RGB 值。
ADC Gain	根据 IC SPEC	√	√	√	√	√	在 Auto Color 做完立即更新, 并可手动调整。
ADC Offset	根据 IC SPEC	√	√	√	√	√	在 Auto Color 做完立即更新, 并可手动调整。
Color temp.	支持色温	√	√	√	√	√	当前设置的色温, 该项可切换色温模式, 并正确显示色温名称, 对应色温的 Scaler Gain & Offset RGB 值等相关信息同步更新。
Scaler Gain	根据 IC SPEC	√	√	√	√	√	Scaler Gain 值在白平衡调整时立即更新, 并可手动调整。
Scaler Offset	根据 IC SPEC	√	√	√	√	√	Offset RGB 值在白平衡调整时立即更新, 并可手动调整。
Burn in	On/Off	√	√	√	√	√	打开或关闭 Burn in 模式。当 Burn in 设置为 On 时它将响应工厂遥控器功能; EEPROM Init 后默认为 On 状态; Reset 后默认为 Off。
EEPROM Init	执行动作	√	√	√	√	√	实现的是初始化除了 HDCP key 和产品序列号以外的全部 EEPROM, 如主菜单的 OSD 默认值, 工厂菜单的 ADC 数据, 白平衡设定值, Black light 和 Language 等, 同时把 Burn in 设置为 On, 响应工厂遥控器功能, 设置输入源为 TV。
Back LIT time	不可调整	0	0	0	0	0	背光打开总计时, 在 EEPROM Initial 或 Factory reset 后都清为 0, 显示值用十进制表示, 当时间到达显示最大值时就不再变化。

Total time	不可调整	o	o	o	o	o	o	o	AC ON 主电源供电总计时，在 EEPROM Initial 或 Factory reset 后都清为 0，显示值用十进制表示，当时间到达显示最大值时就不再变化。
Black light	根据 IC SPEC	*	*	*	*	*	*	*	设置背光灯的亮度
Language	支持语言	*	*	*	*	*	*	*	设置出厂时用户模式菜单语言，当在工厂菜单中更改此项值时，用户模式的 OSD 中的菜单语言也做相应的更改并将该值保存（仅北美向可选）
Energy LOGO	On/Off	*	*	*	*	*	*	*	仅中国向有该项
Reset	执行动作	√	√	√	√	√	√	√	实现的是复位除了 HDCP 和产品序列号，工厂菜单的 ADC 数据，白平衡设定值，Black light, Language 和 Energy Logo 以外的全部 EEPROM 数据，如主菜单的 OSD 默认值，并把用户菜单 Language 设置为工厂 Language，同时把 Burn in 设置为 Off，禁止响应工厂遥控器功能，设置输入源为 TV。
Exit	执行动作	√	√	√	√	√	√	√	退出工厂模式

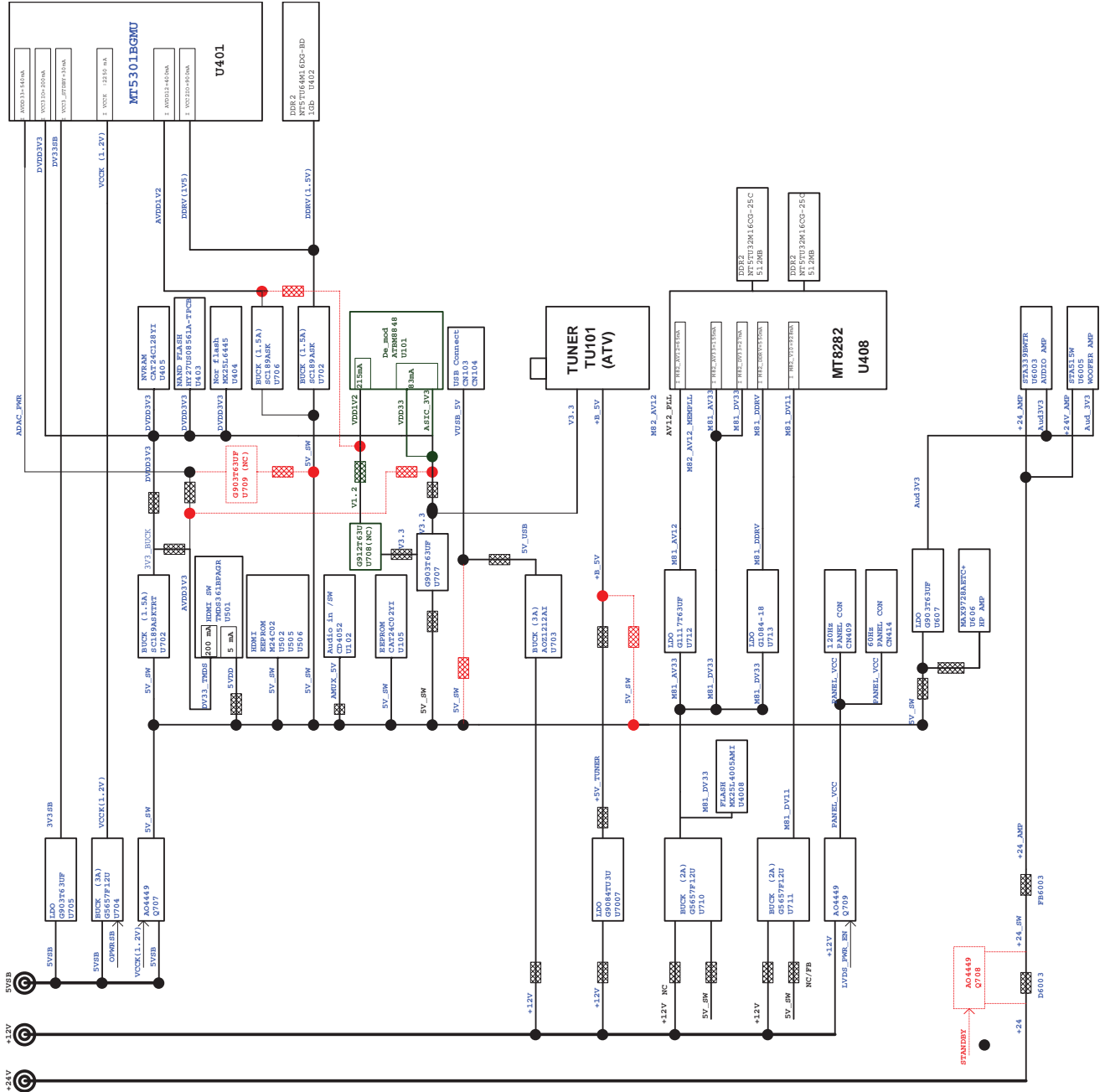
备注：

1. √表示该项有效，x表示该项不存在，o 表示存在但选不到，*表示可选；
2. 不同机型工厂模式项目略有增删；
3. 进工厂模式时 Burn in 自动关闭。

5. 电气方框图
主板方框图

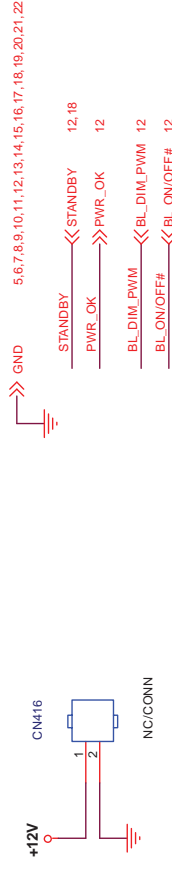
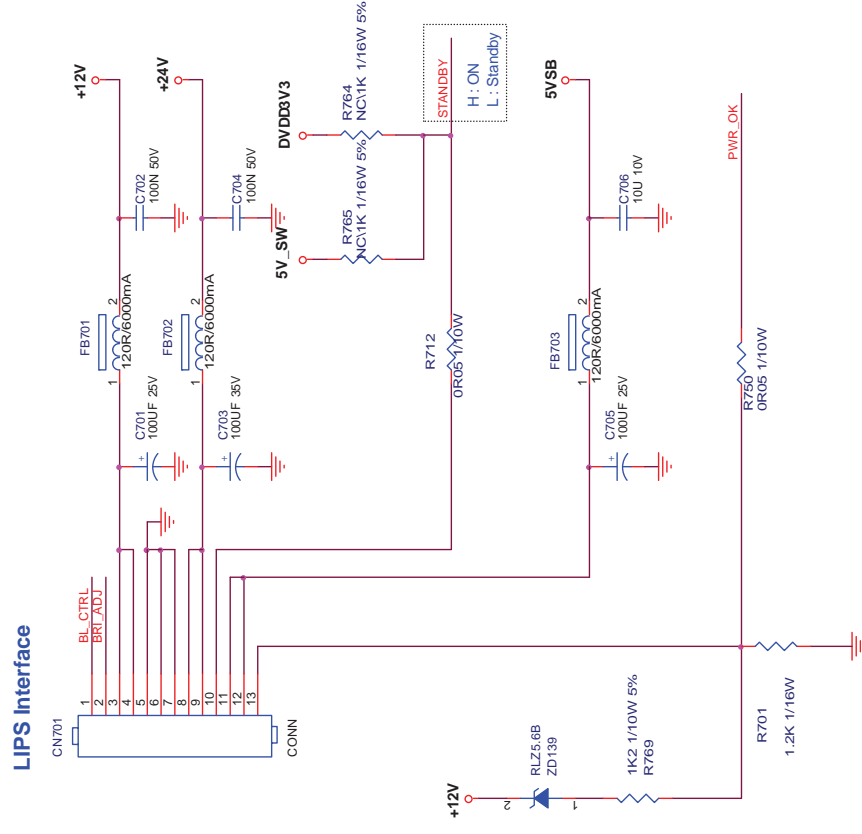
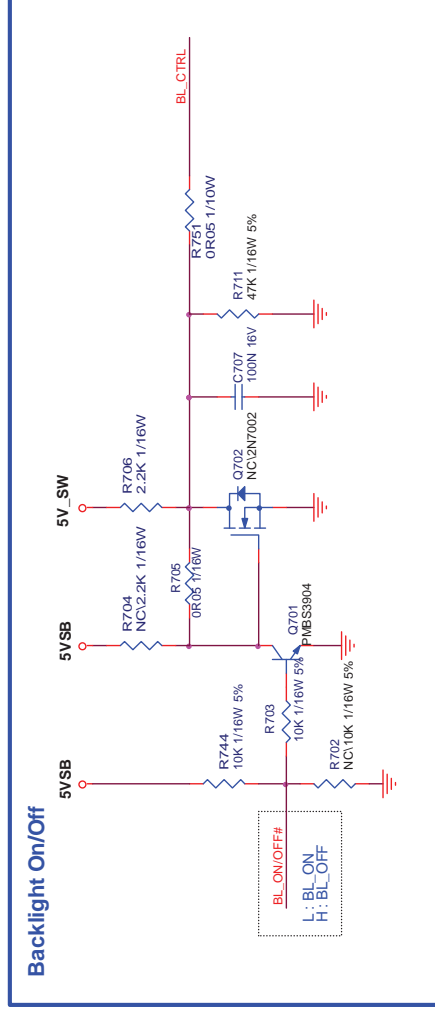
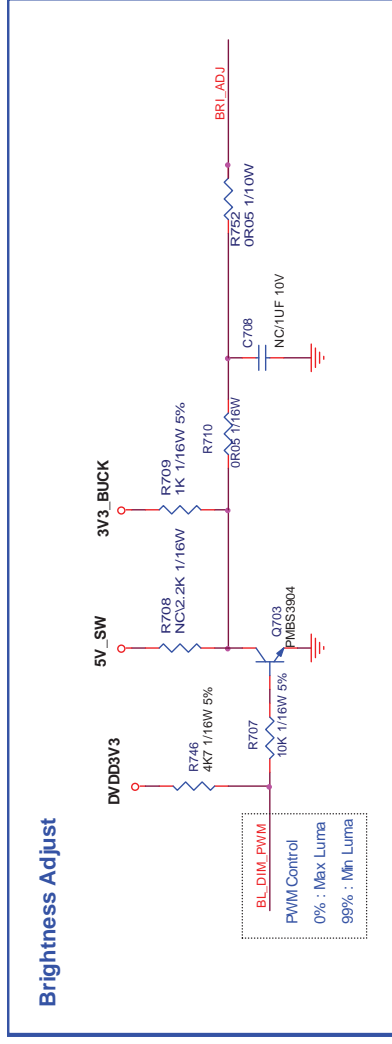


电源框图



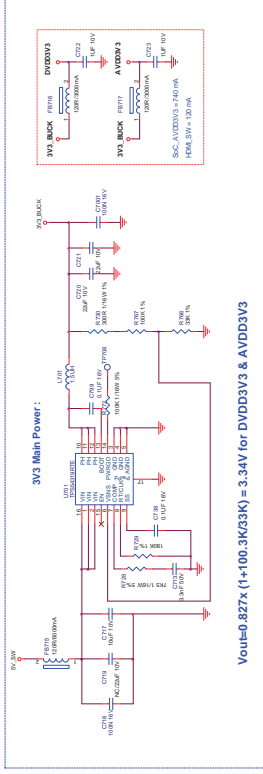
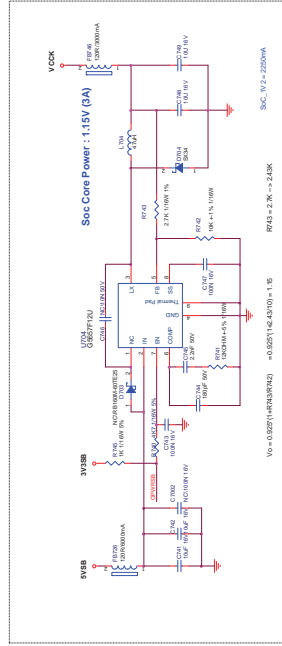
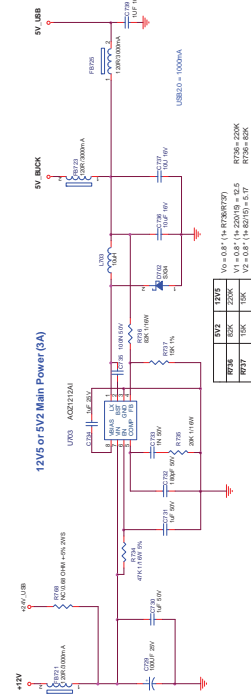
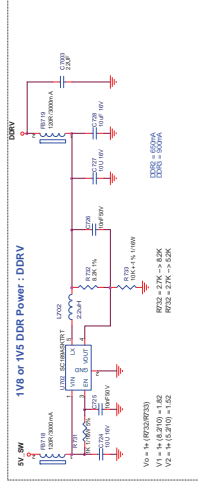
6. 线路图

6.1 主板 715G4611M1A000004K

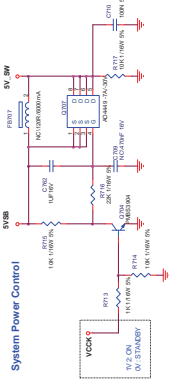


TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	B
結構爪 銅膜	TPV MODEL	Rev	MOC
Key Component	PCB NAME	称 参	HW4
04 PSU & Inverter I/F			
Date	Sheet	4	of 22
Wednesday	March 02 2011		

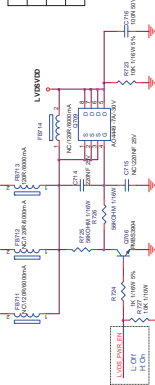
DC-DC Buck & Converter


$$V_{out}=0.827 \times (1+100.3K/33K) = 3.34V \text{ for DVDD3V3 \& AVDD3V3}$$


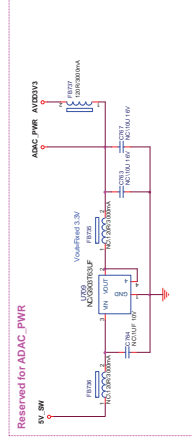
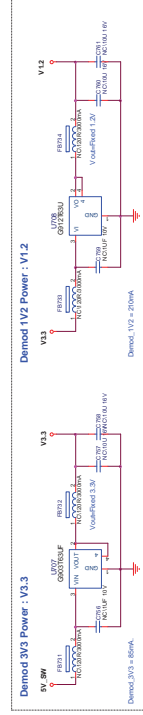
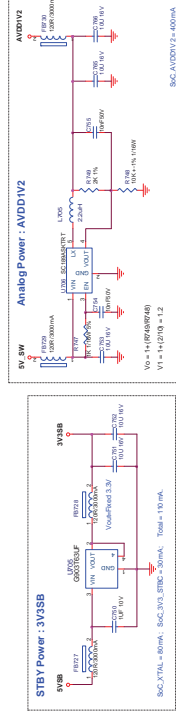
Power MOSFET Switch

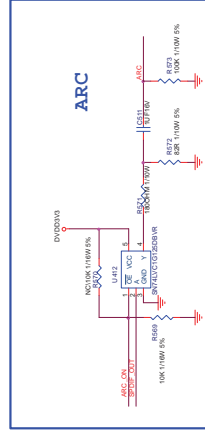
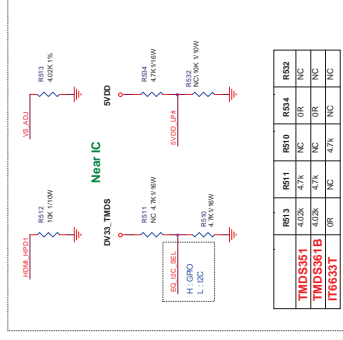
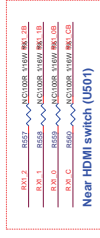


	5V panel	12V panel
FB713	NC	YES
FB712	NC	NC
FB711	YES	NC

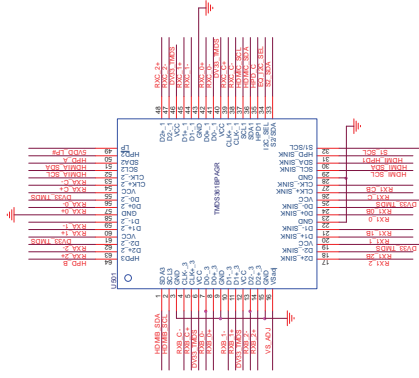
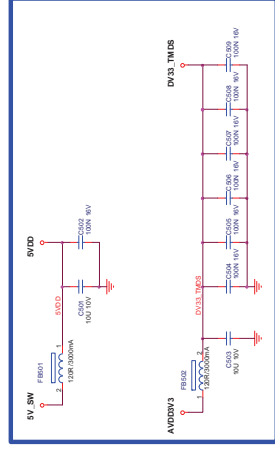


LDO Regulator

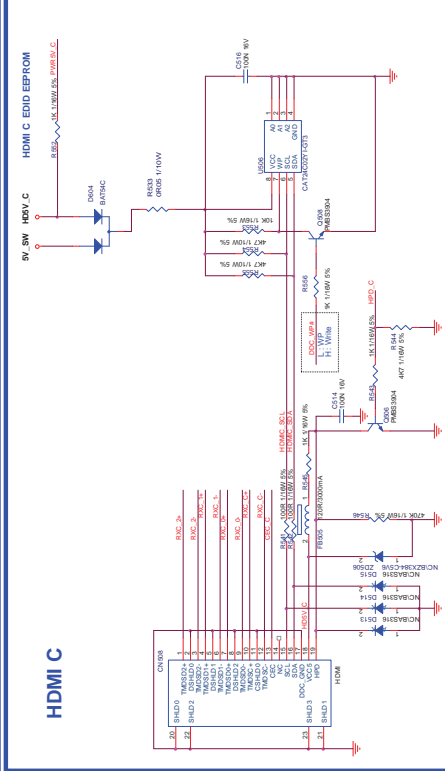
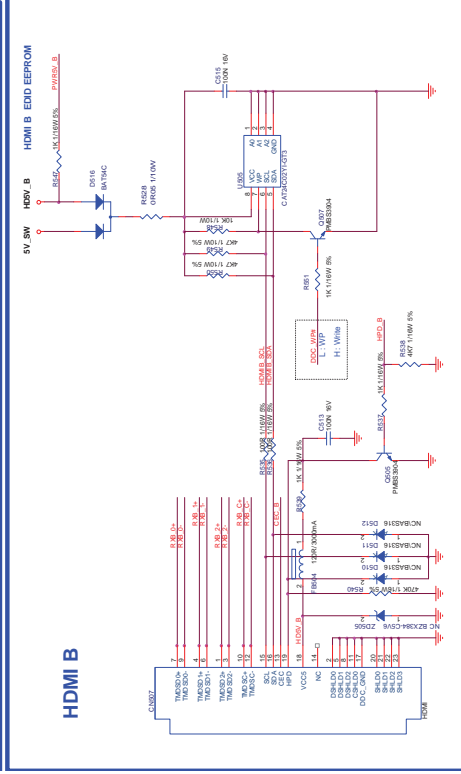
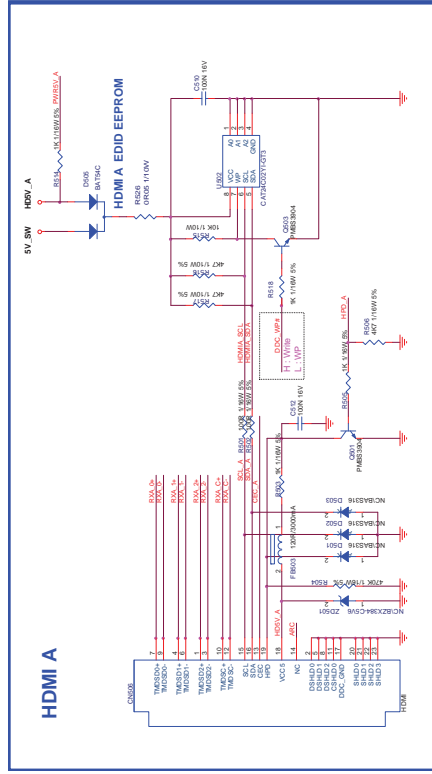
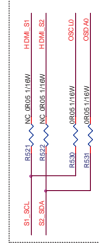
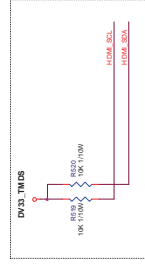
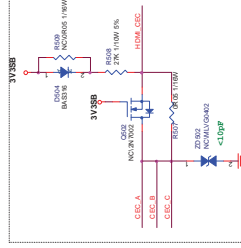


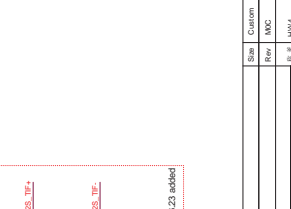
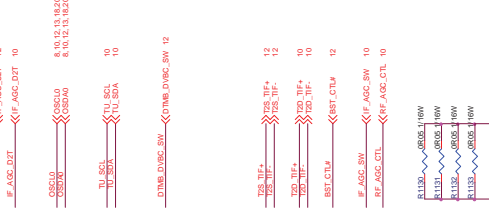
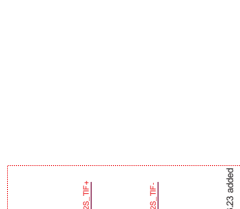
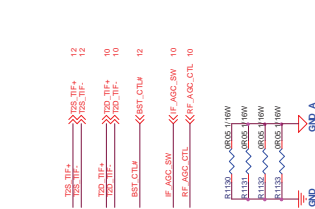
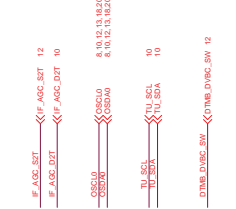


TPV (Top Victory Electronics Co., Ltd.)	QEM/00BL	Size	Custom
经销商名称	TPV MODEL	Rev	MAC
Buy Component	08L HOME A & Switch 3-1	PCB NAME	HW4
Order	Mathematics March 07-2004	8	20



U501	TMDS351	TMDS361B
PN 32	S1	SCL
PN 33	S2	SDA
PN 34	EQH: 10m EQL: HDMI 1.3	EQ SSEL H: GPIO EQ SSEL L: DPC
PN 49	VDD: H4VDDC PW: supply	UPH: H: normal mode L: low power state



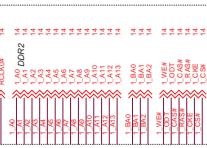
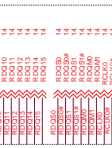
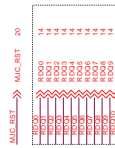
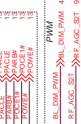
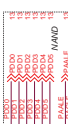
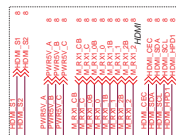
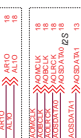
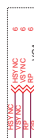
28. TIF.23 added

22	Rev	Custom
	Rev	MDC
22	Rev	HW4

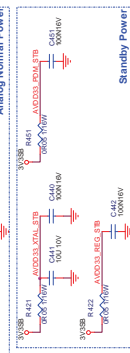
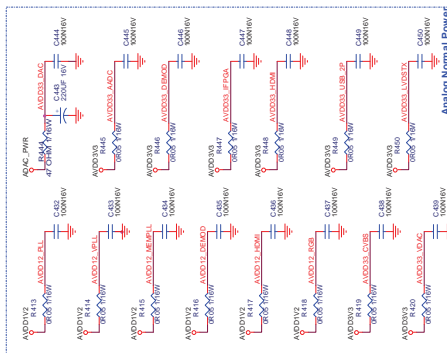
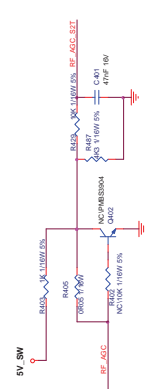
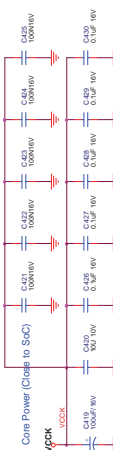
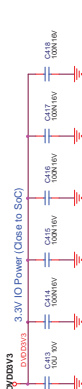
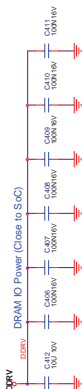
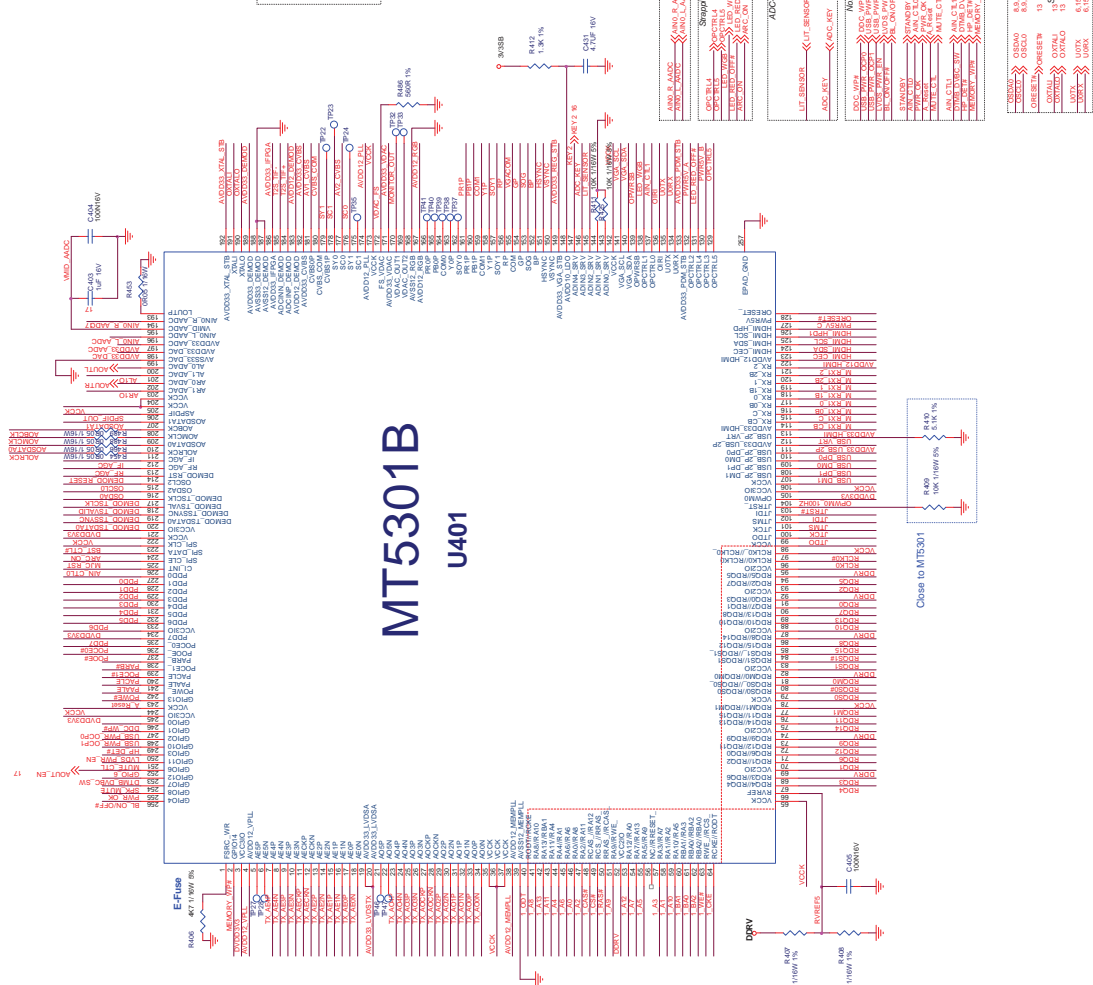


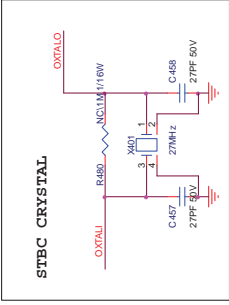
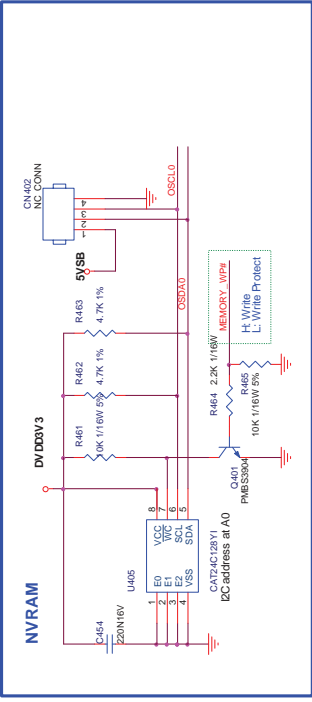
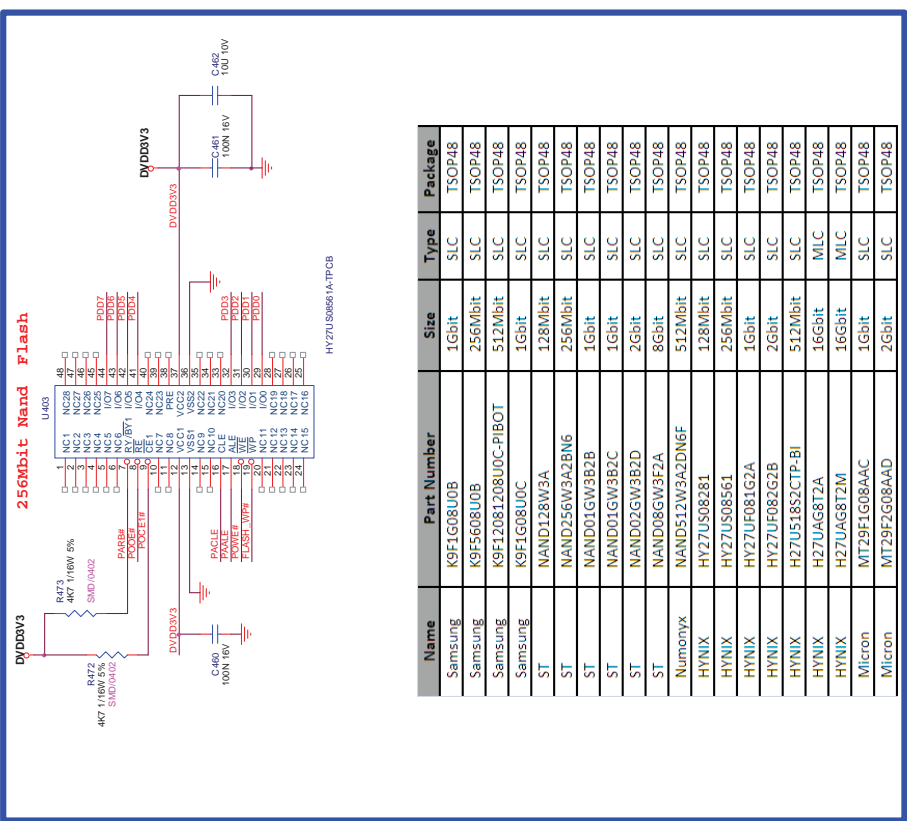
TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	Custom
威碩科技股份有限公司	TPV MODEL	Rev	MOC
10. Demod (DTMG & DVB-T & PAL)	PCB NAME	HW4	
Key Component			
Date	10 of 22	Sheet	
Wednesday, March 02, 2011			

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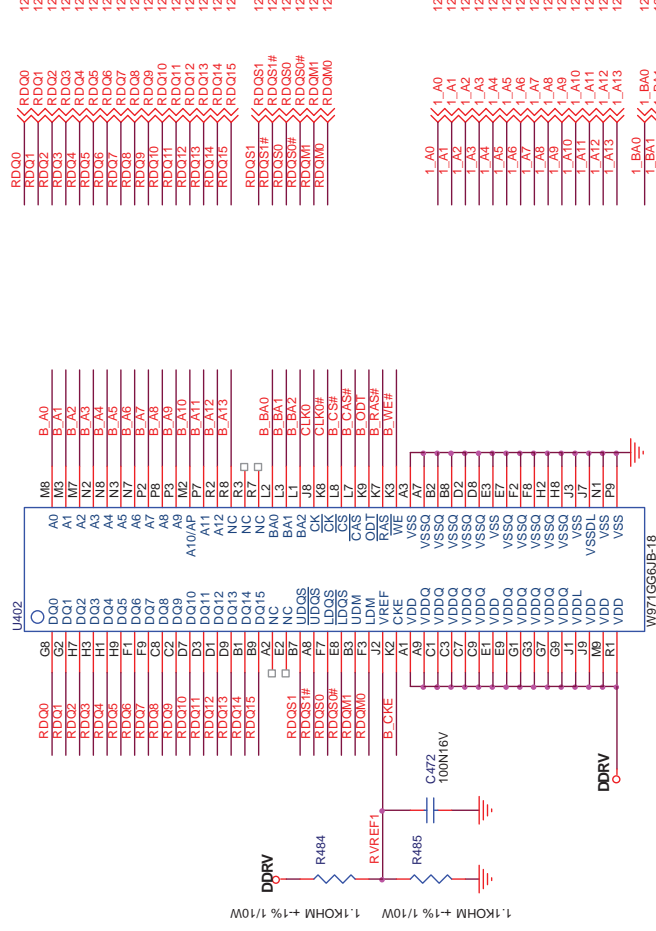
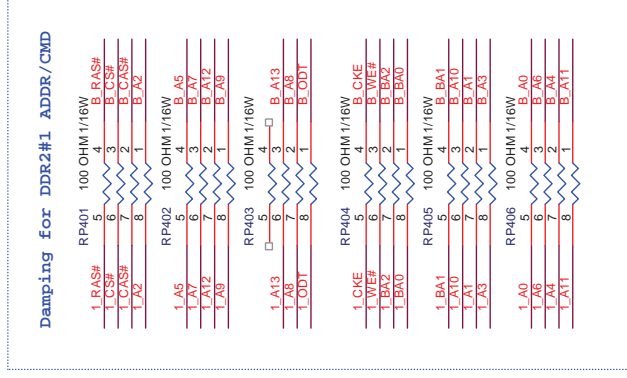
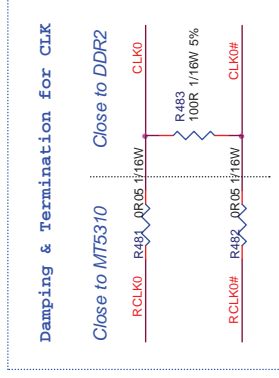
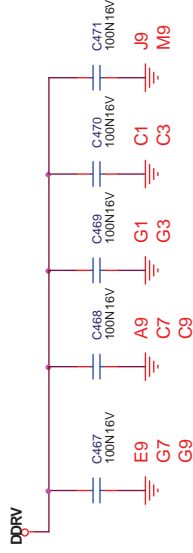
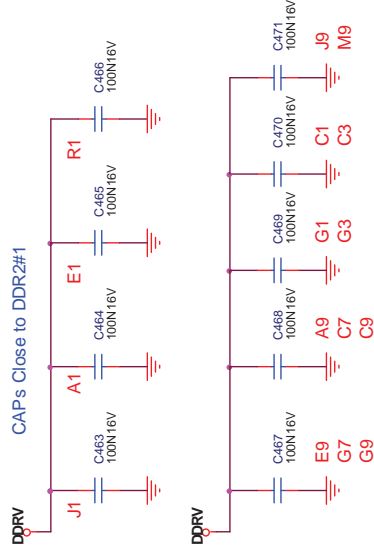
TPV / Top Victory Electronics Co., Ltd.	QRM MODEL	Size
远拓光电	TPV MODEL	Rev
12. MTS310 QF P256	PCB NAME	H/W4
Key Components	Sheet	数量
Date	12 of 22	
Wednesday, March 02, 2011		





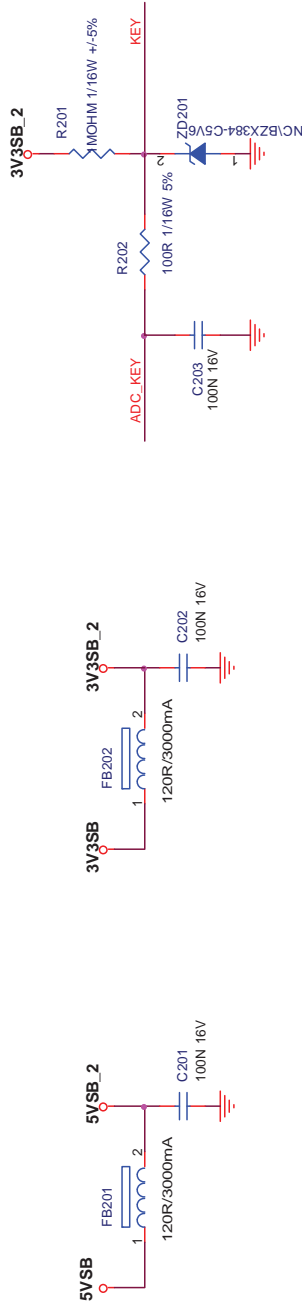
TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size
新龍瓜顯顯	TPV MODEL	Rev
Key Component	PCB NAME	M/C
Date	13. Soc Peripheral Wednesday, March 02, 2011	HW4
	Sheet	第 22 of 13

DDR2#1-64Mx16-1066MHZ

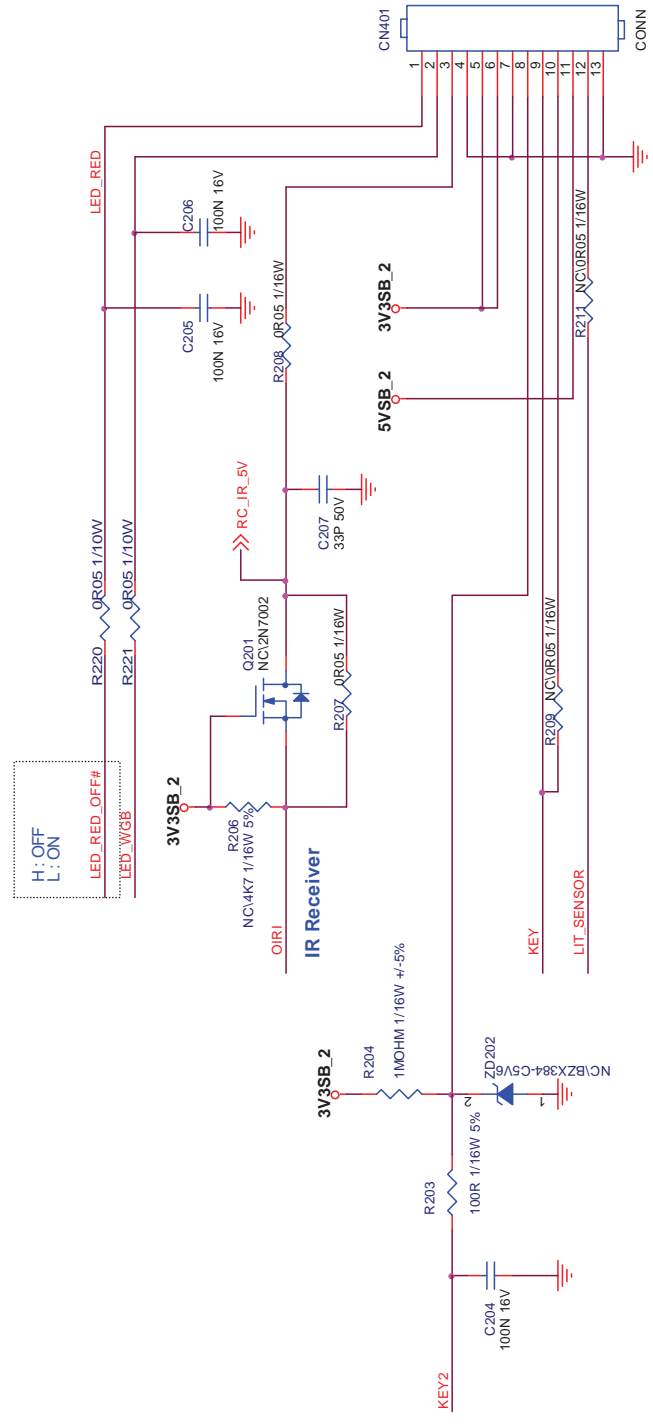


Name	Part Number	Size	Type
Samsung	K4T1G164QF-BCF8	64Mx16	1066
Nanya	NT5TU64M16GG-BE	64Mx16	1066
Nanya	NT5TU64M16GG-BD	64Mx16	1066
Hynix	H5PS1G63FR-G7C	64Mx16	1066
Nanya	NT5TU64M16GG-AC	64Mx16	800
Winbond	W971GG61B-25	64Mx16	800
Hynix	H5PS1G63EFR-S6C	64Mx16	800
Hynix	H5PS5162FFR-S6C	32Mx16	800
Samsung	K4T511638FR-H9C	32Mx16	800

TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	B
蛭隔瓜銅腹	TPV MODEL	Rev	MOC
Key Component	PCB NAME		
14, DDR2			
Date	Wednesday, March 02, 2011	Sheet	HW4
		14 of 22	



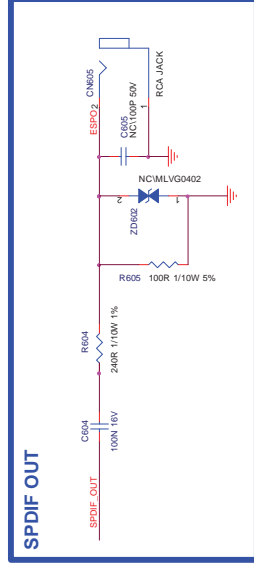
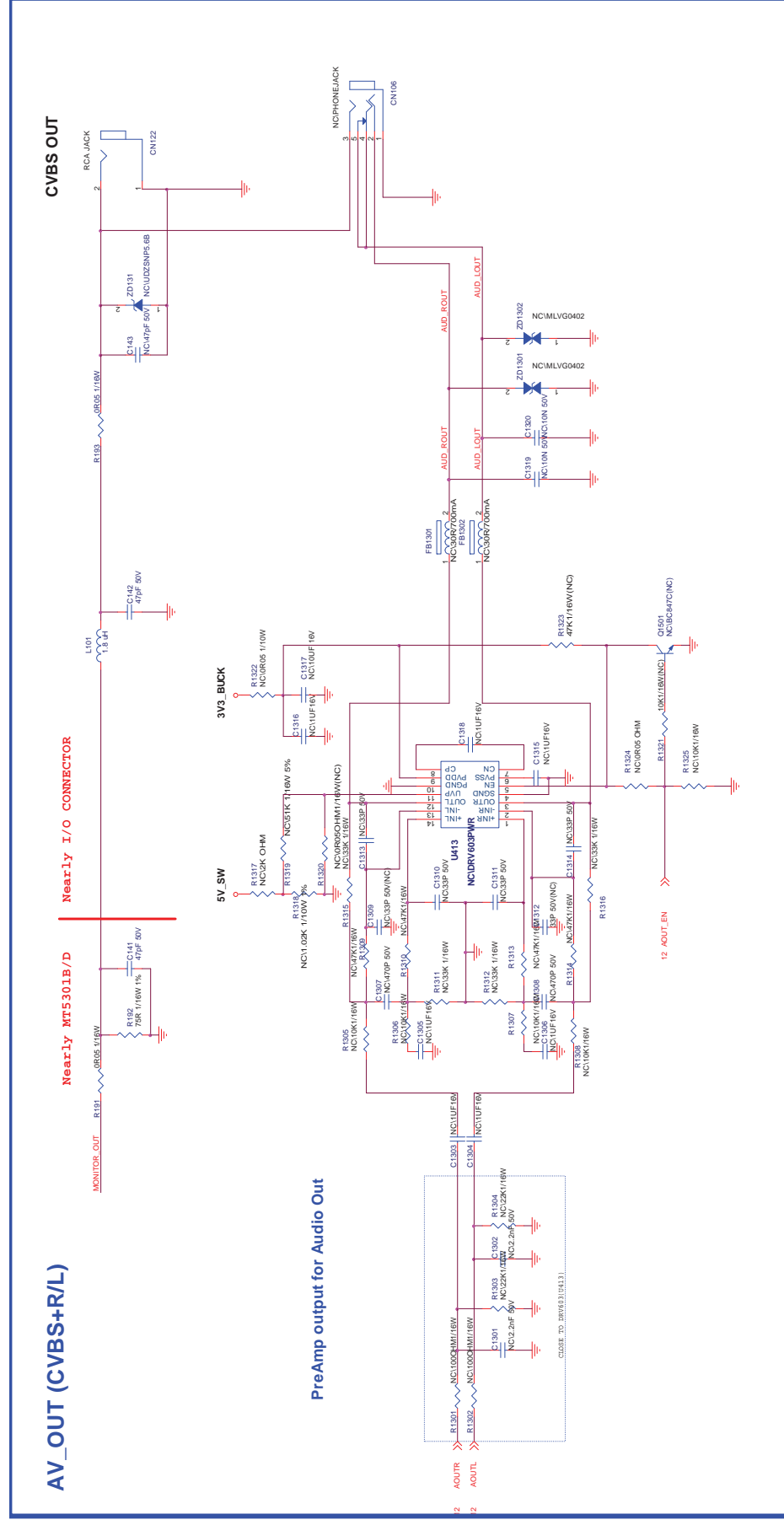
H: OFF
L: ON



Link to IR/Keypad Bd.

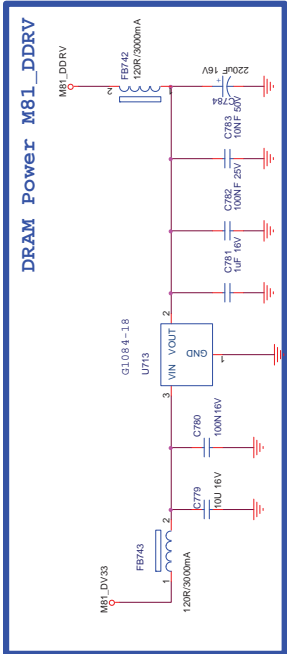
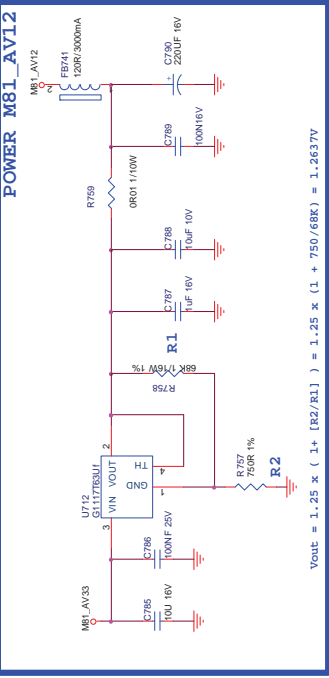
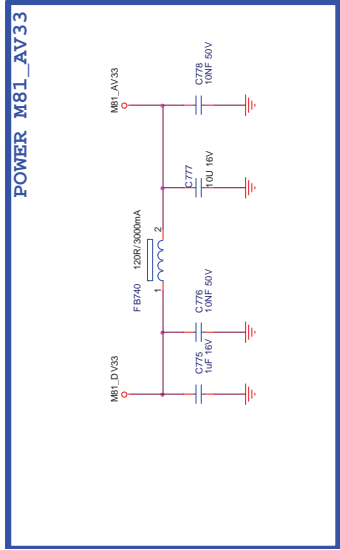
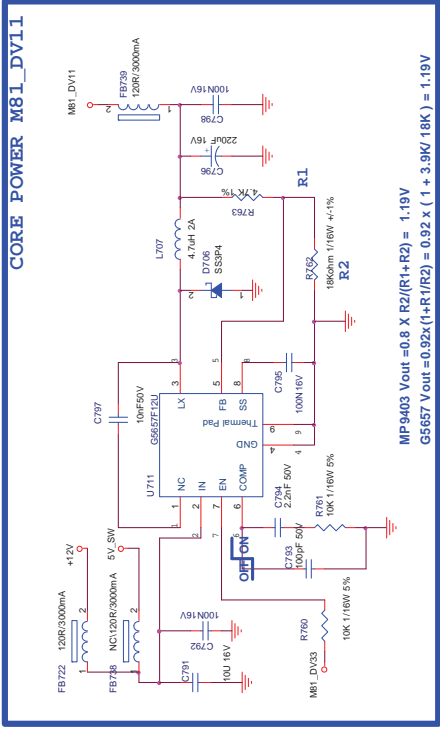
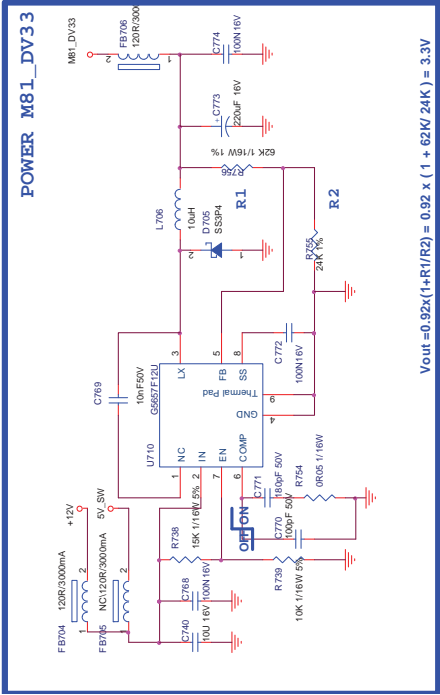


TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL <Title>	Size	B
結構 瓜 銅 腹 G4611-D-X-X3-110127	TPV MODEL	Rev	MOC
Key Component 16: IR & Keypad Interface	PCB NAME	称 参	<称 参>
Date Wednesday, March 02, 2011	Sheet 16 of 22		

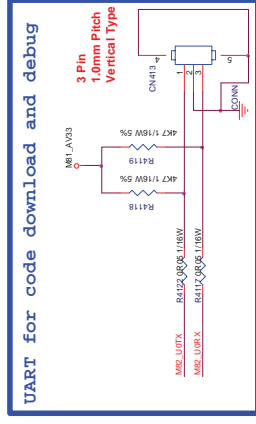
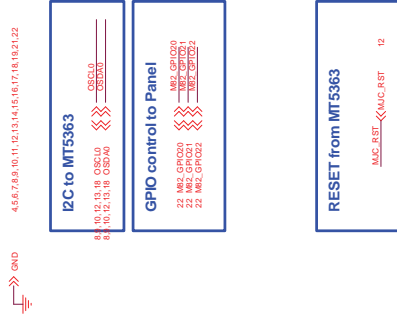
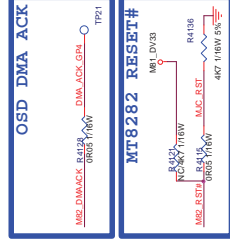
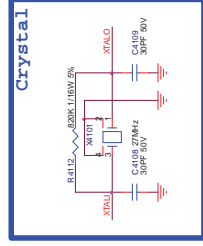
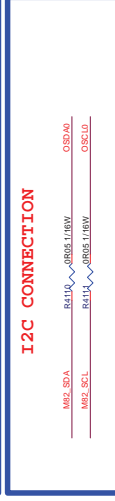
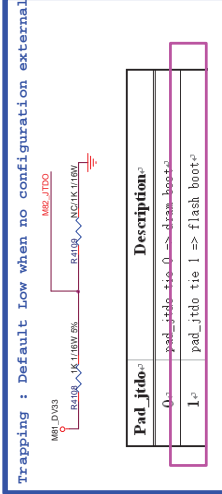
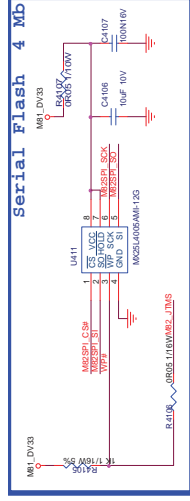
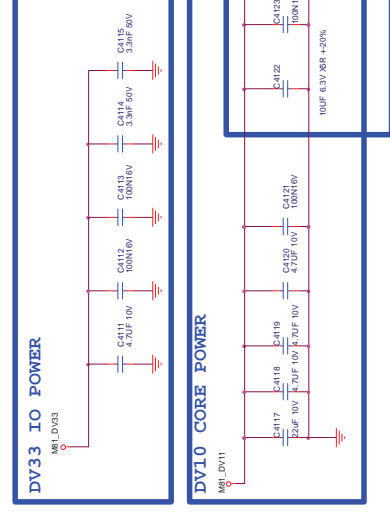
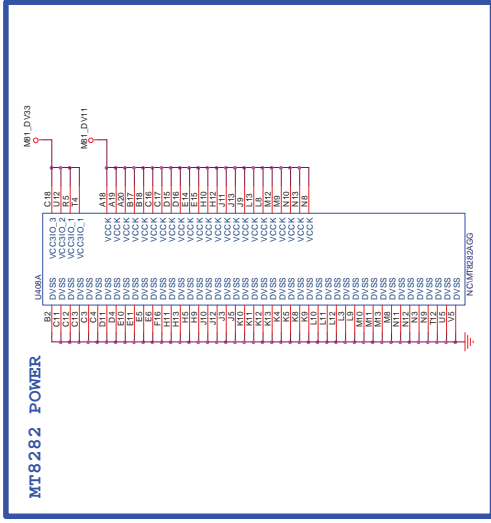
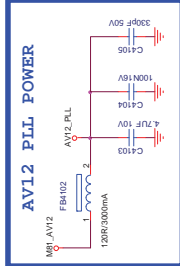
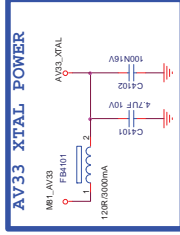
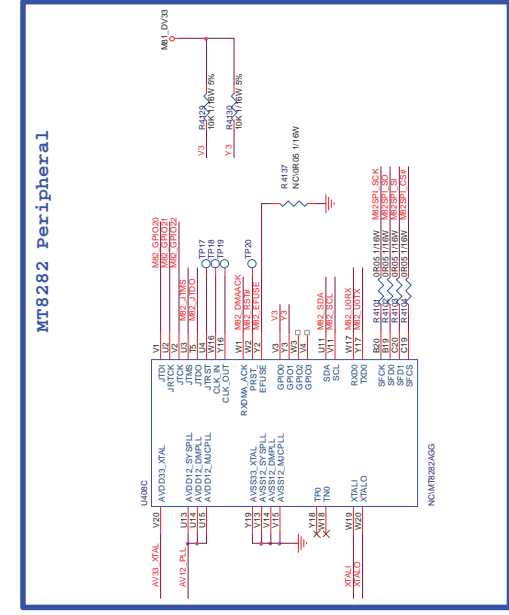


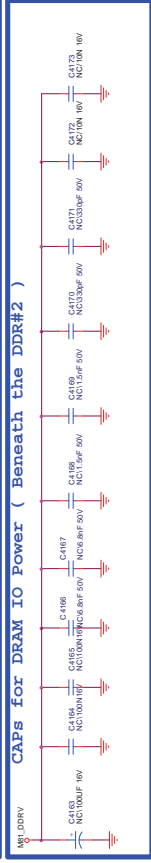
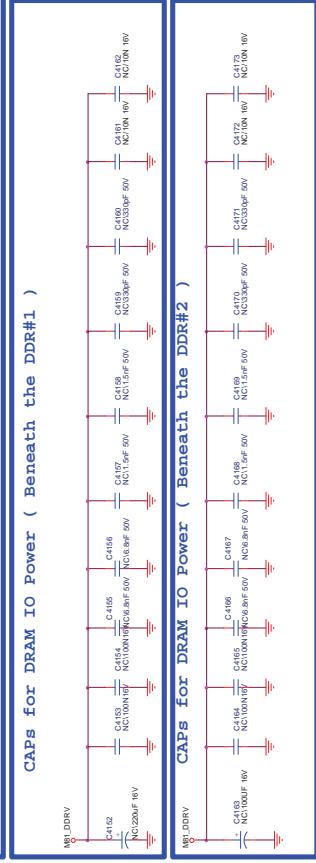
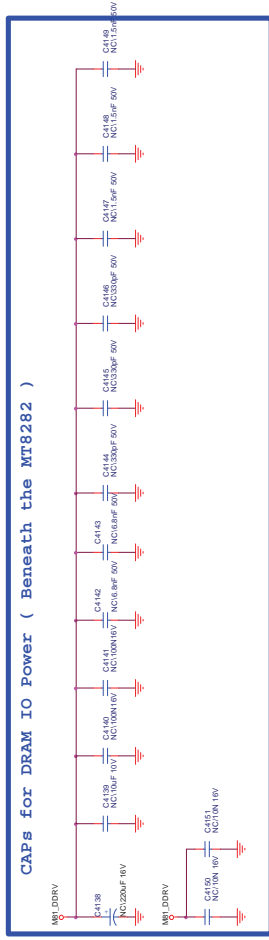
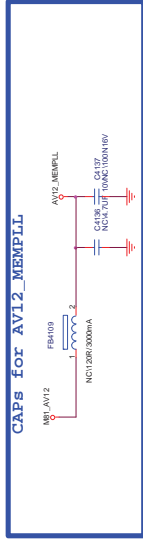
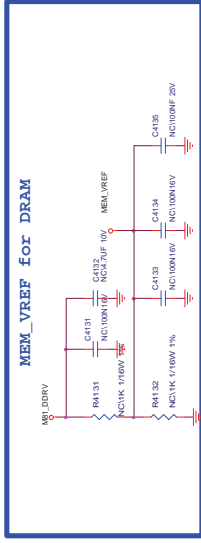
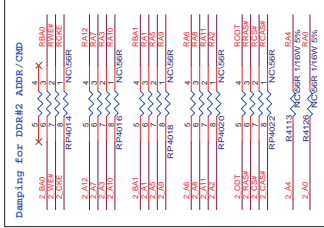
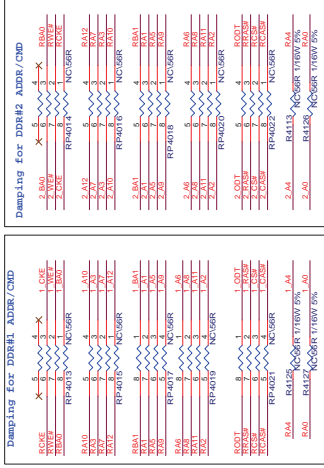
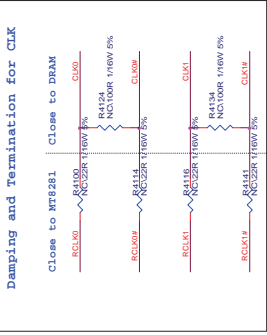
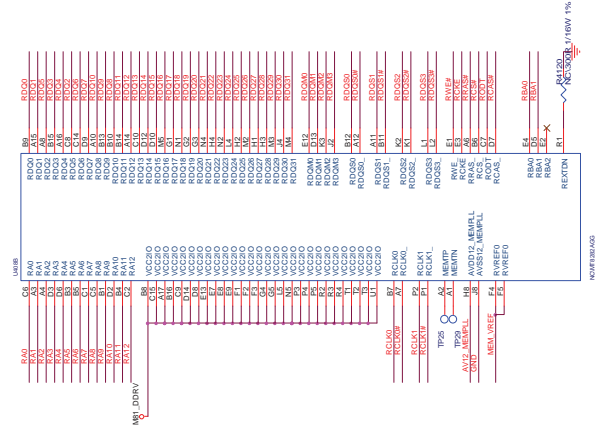


TPV (Top Victory Electronics Co., Ltd.)	DEMOMODEL	Size	Custom
深圳匹康龍	TPV MODEL	Rev	MOC
MyComponent	15_AUDIO AMP HEADPHONE OUT	PCB NAME	HW4.rth
2014-07-11 14:28:22	MyComponent	2014-07-11 14:28:22	2014-07-11 14:28:22



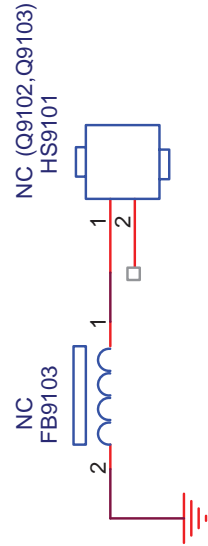
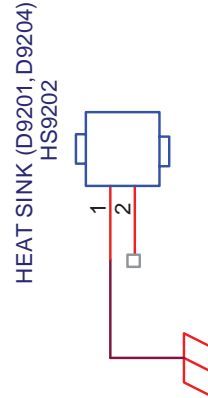
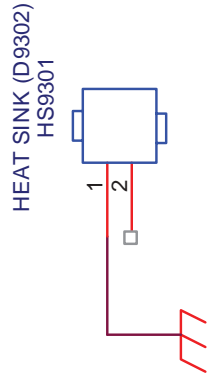
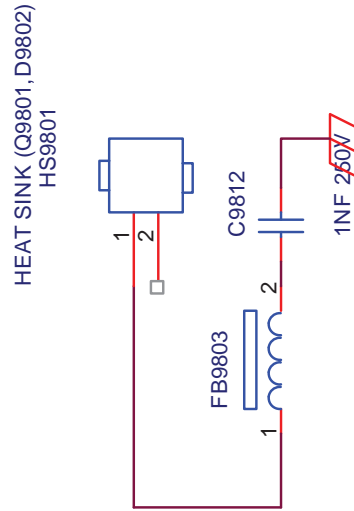
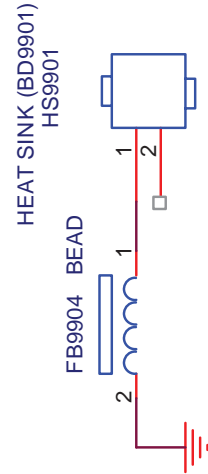
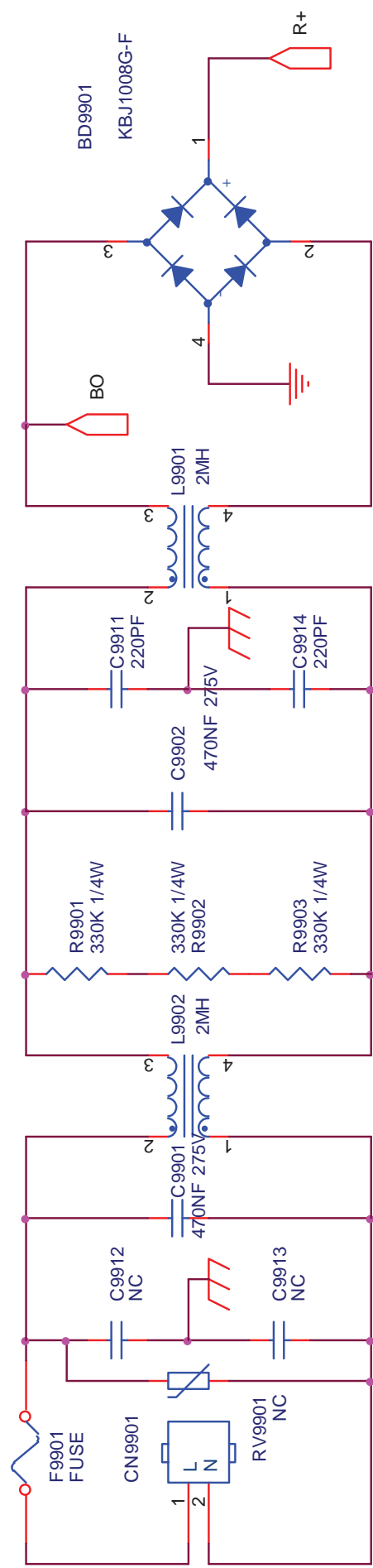
TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	Custom
TPV MODEL	TPV MODEL	Rev	MC
PCB NAME	PCB NAME	Rev	HW4 nh
Key Components	18. MEMO DC CONVERTER	Sheet	19 of 22
Date	Wednesday, March 02, 2011		

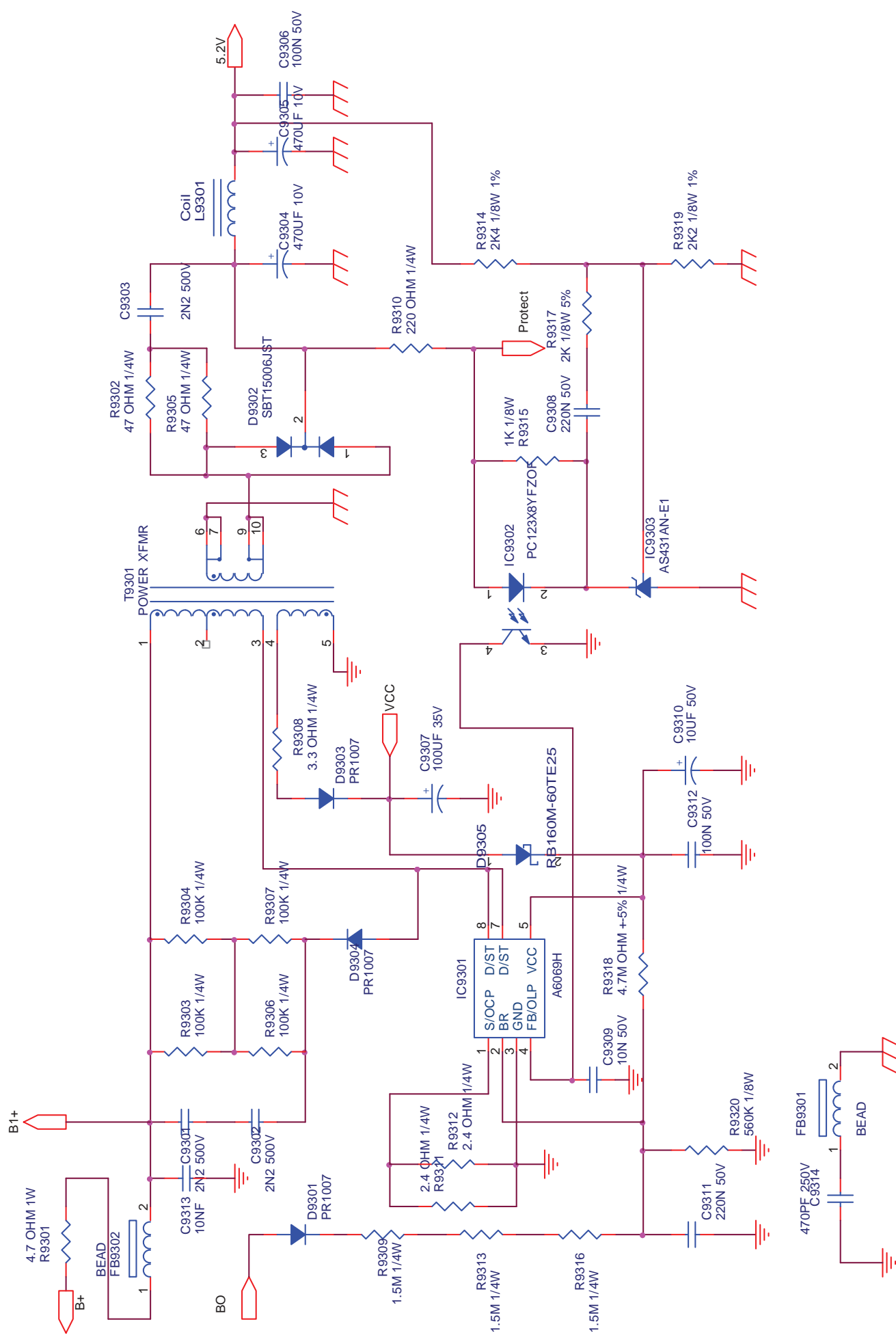


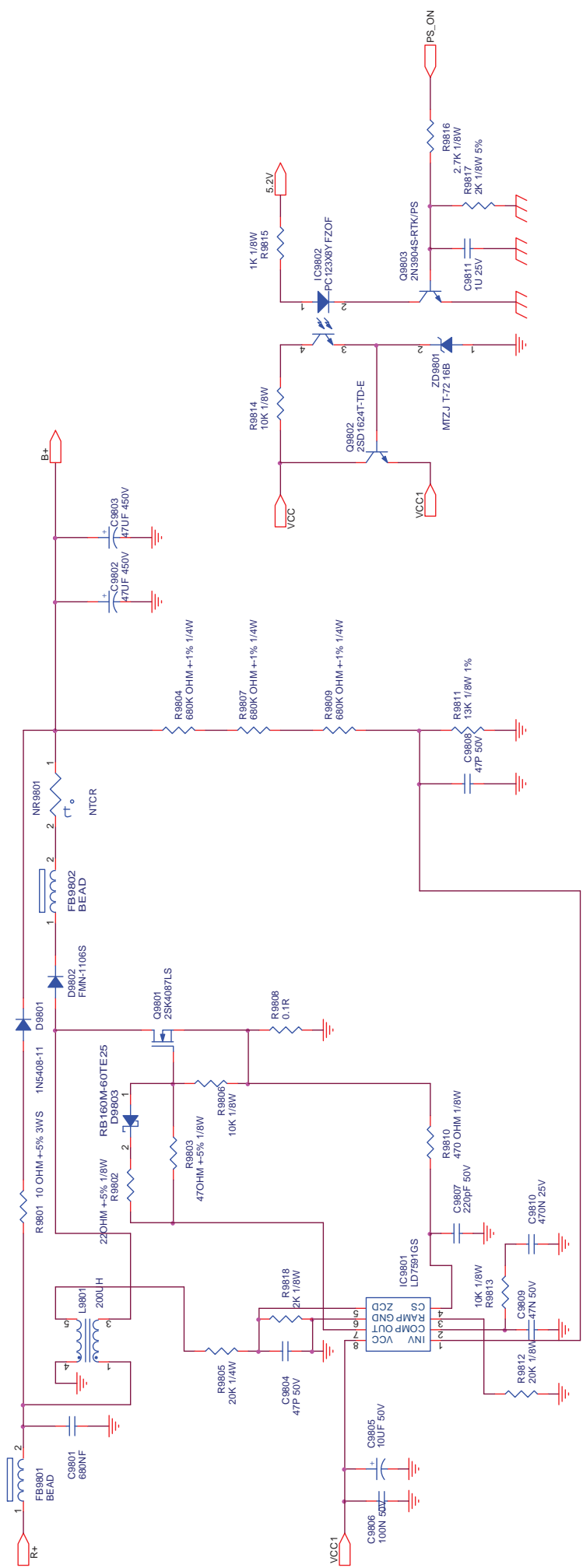


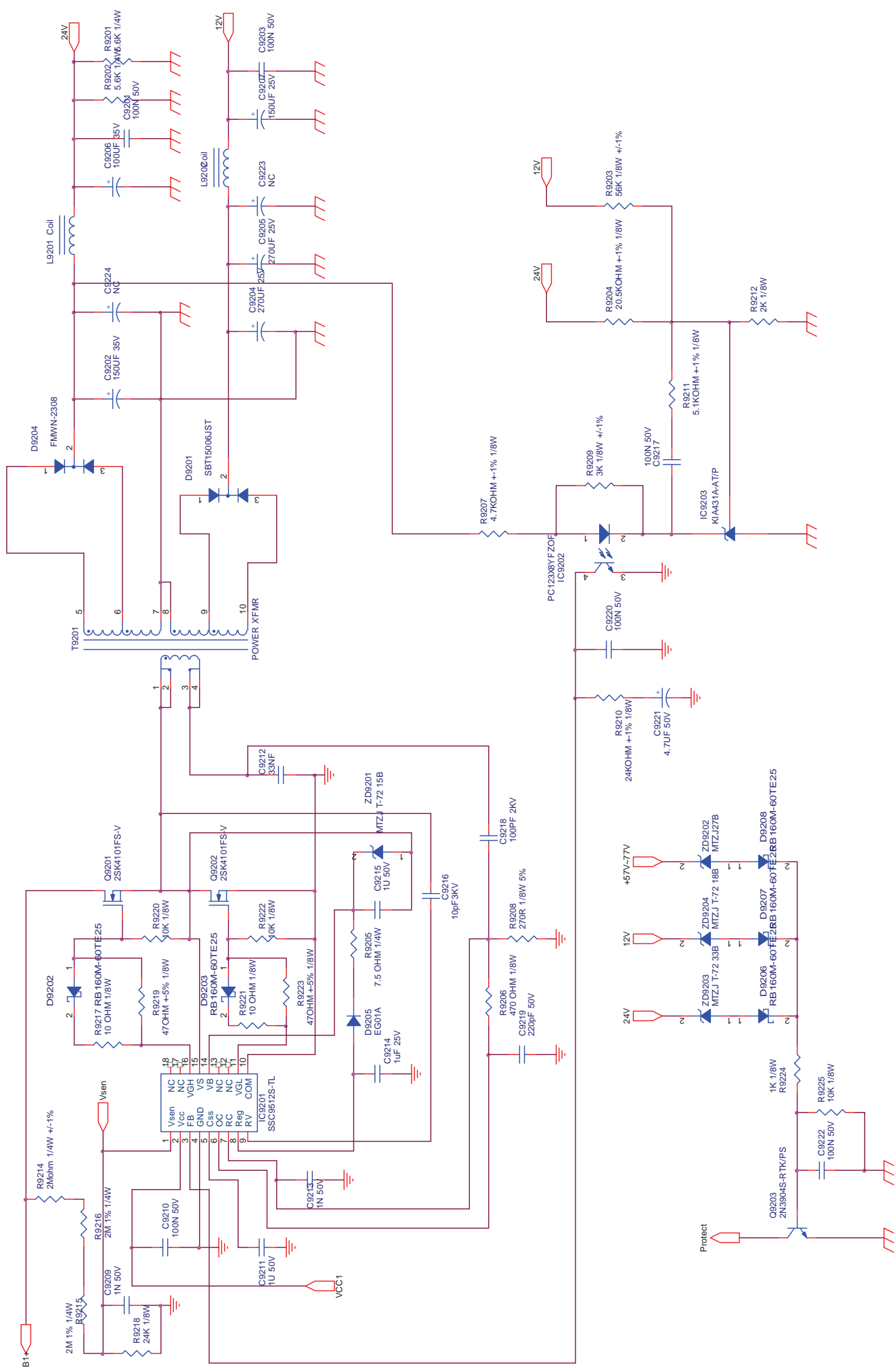
6.2 电源板

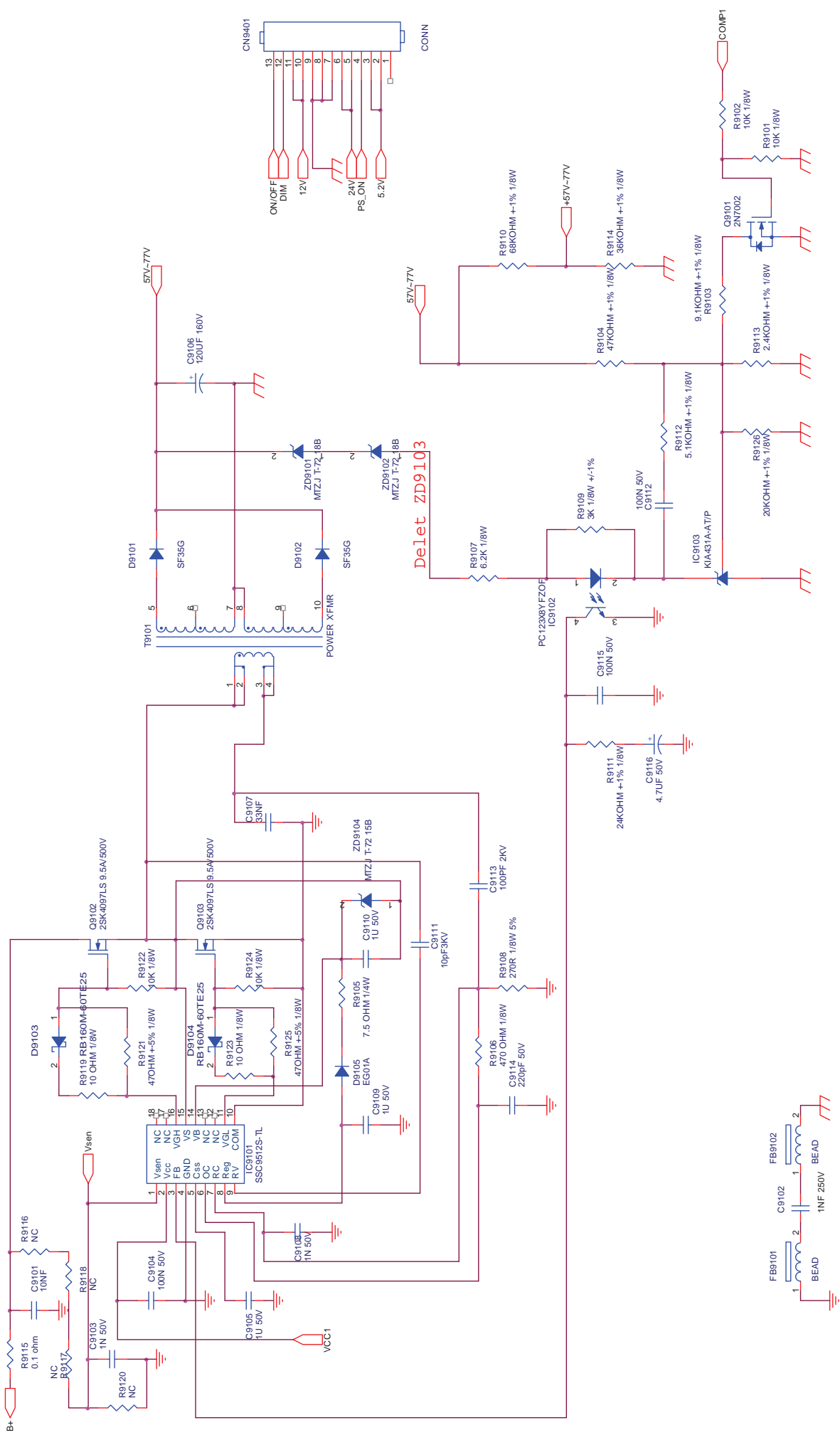
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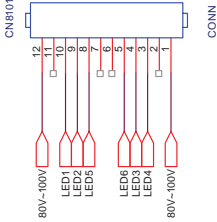


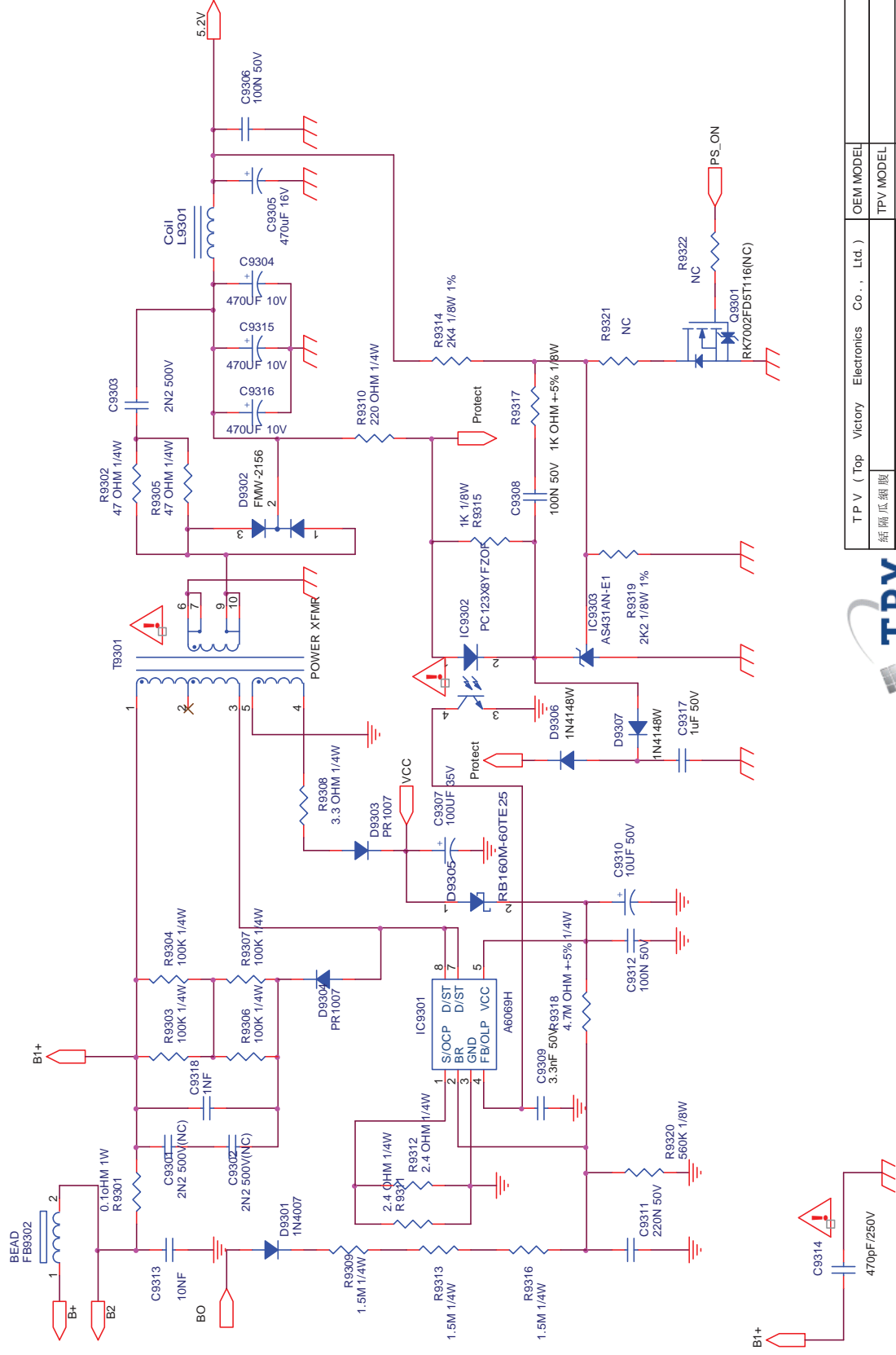








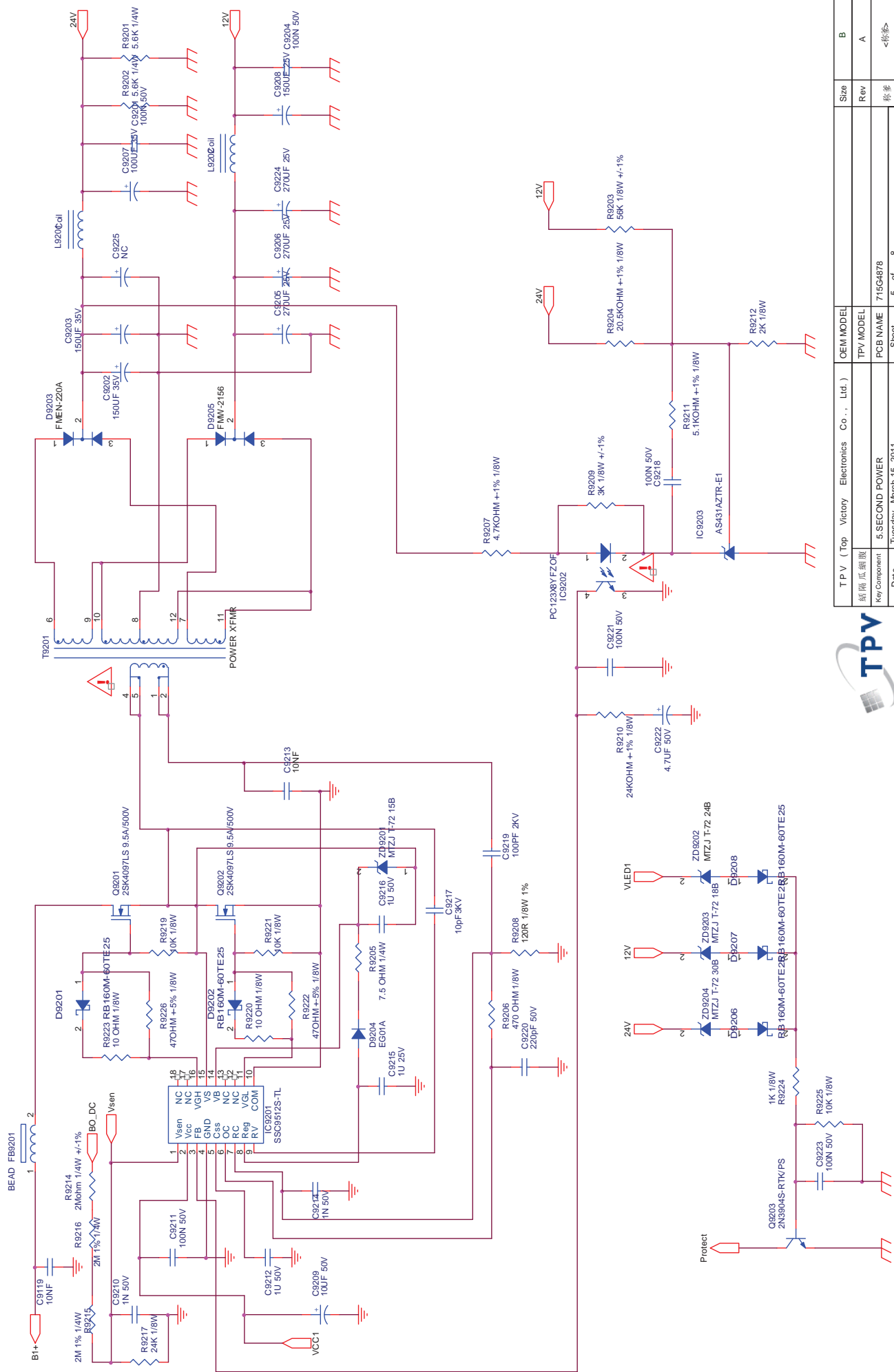




TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	B
結構瓜線腹	TPV MODEL	Rev	A
Key Component	PCB NAME	715G4878	<称参>
Date	Tuesday, March 15, 2011	Sheet	3 of 8

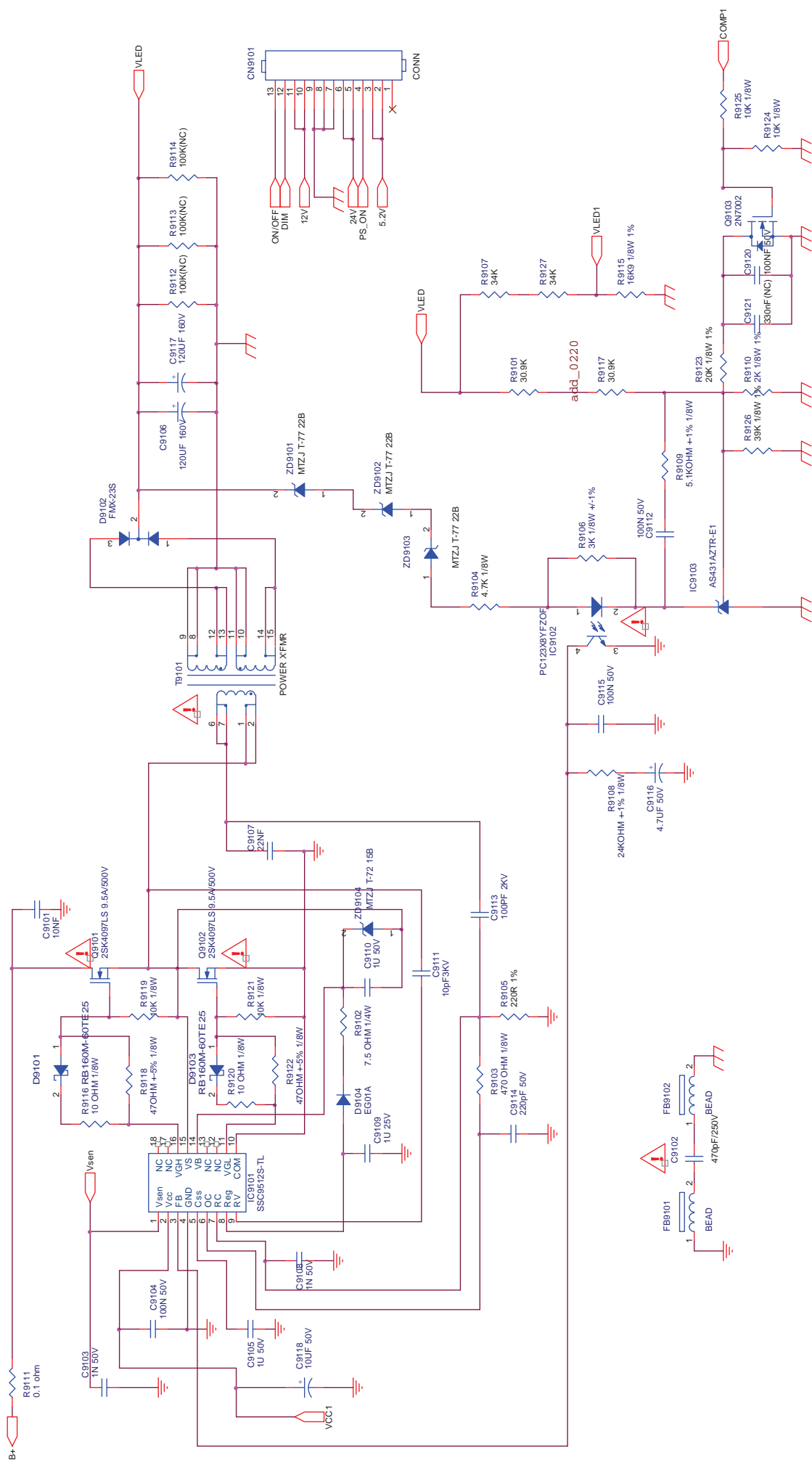


TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	B
結構瓜銀膜	TPV MODEL	Rev	A
Key Component	PCB NAME	715G4878	
Date	Tuesdav. March 15, 2011	Sheet	4 of 8
		稱重	

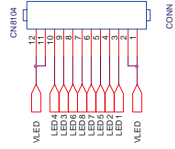
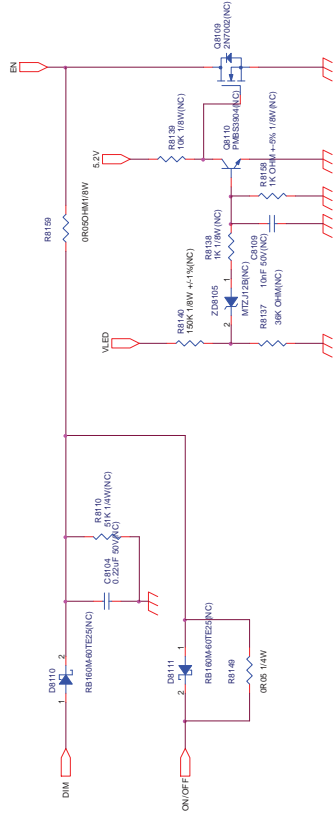
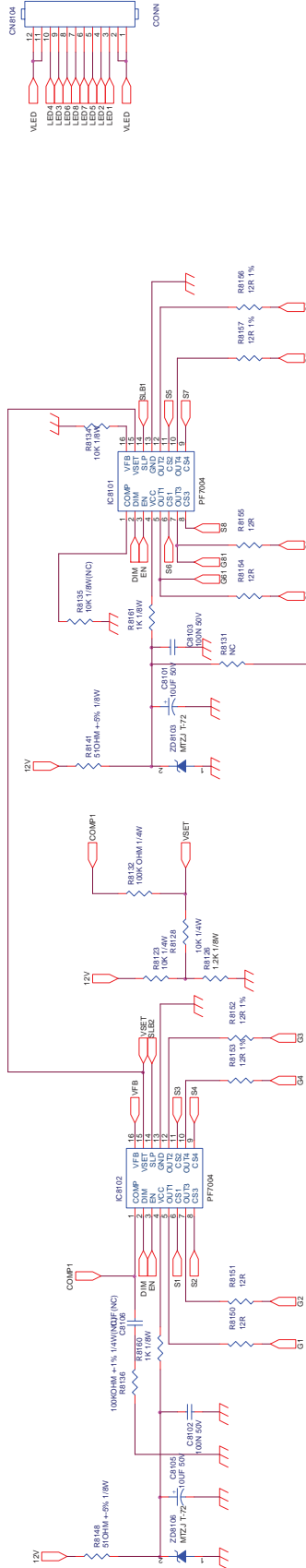
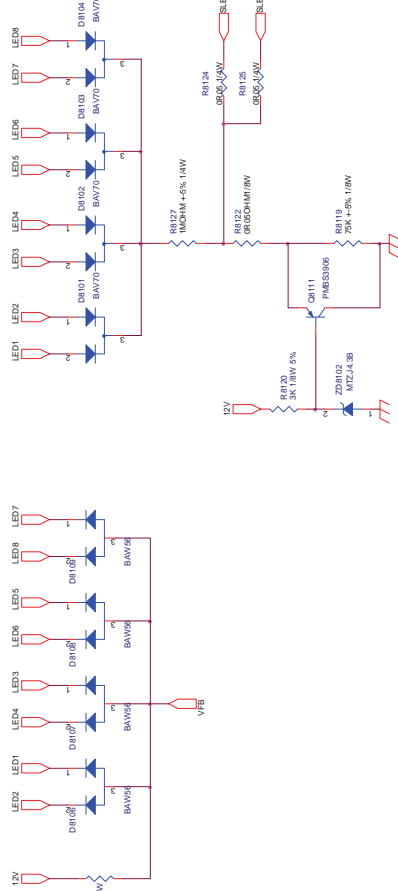
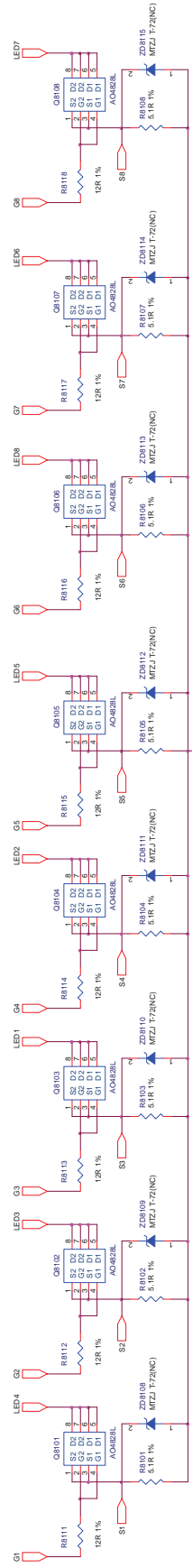


TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL	Size	B
Key Component		TPV MODEL	Rev	A
Date		PCB NAME	715G4878	<修参>
Tuesday, March 15, 2011		Sheet	5 of 8	





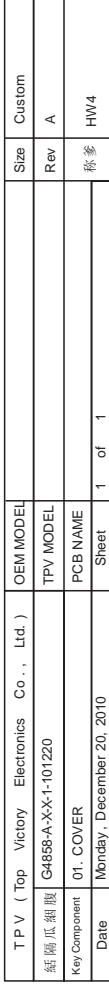
TPV (Top Victory Electronics Co., Ltd.)	OEM/MODEL	Size	B
蛞蝓瓜蠟膜	TPV MODEL	Rev	A
Key Component	6.1MIN POWER	PCB NAME	715G4878
Date	Tuesday, March 15, 2011	Sheet	6 of 8
			<轉參>



TPV (Top Victory Electronics Co., Ltd.)	DEM MODEL	Size	C
屏后式驱动	TPV MODEL	Rev	A
屏后式驱动	PCB NAME	715G4F9	
屏后式驱动	7-LED DRIVER	Sheet	7 of 8
Date	Tuesday, March 15, 2011	Rev	<Rev>

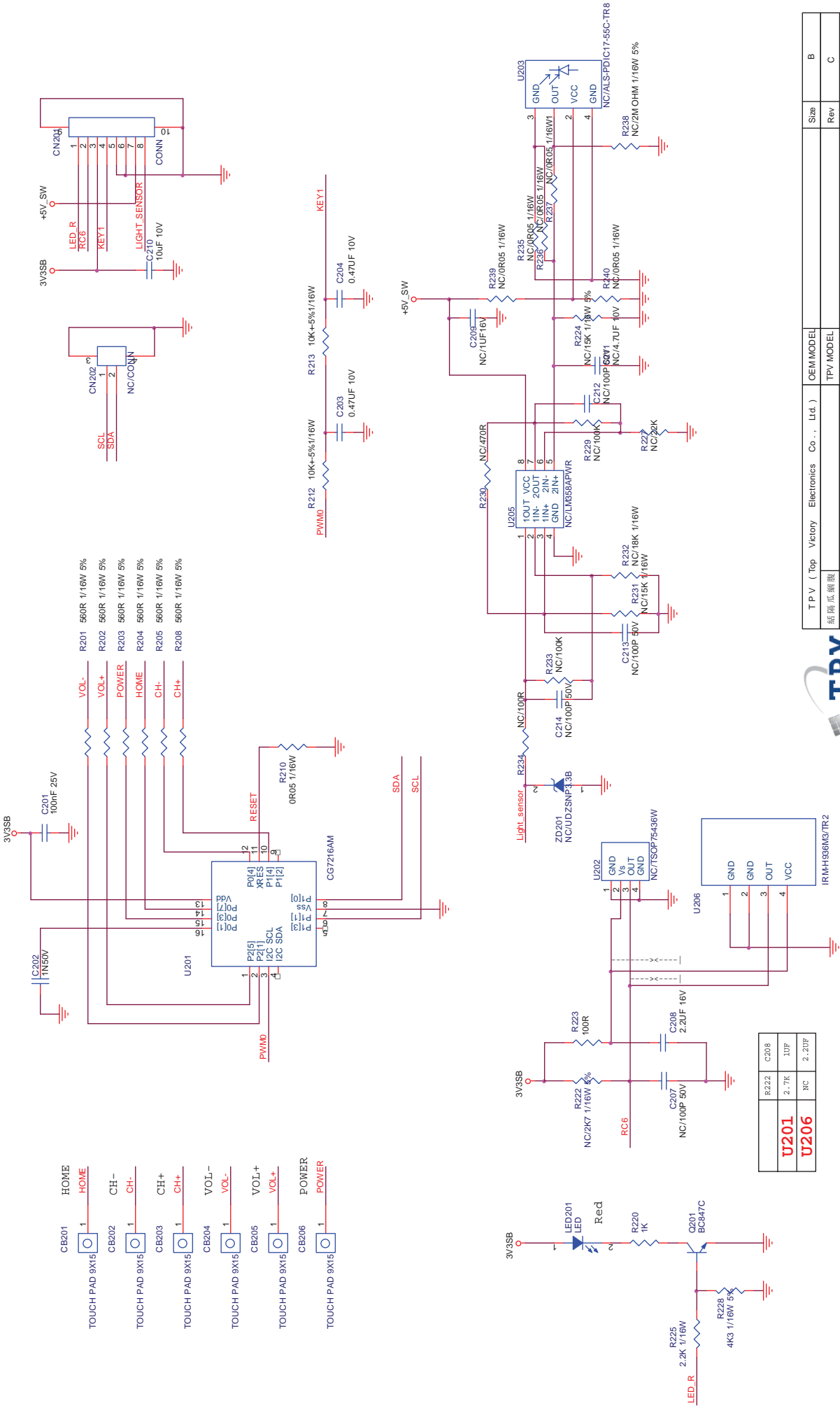


6.3 倍频板



6.4 按键板

715G4496K02000004M



TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL		Size	B
結構爪編號		TPV MODEL		Rev	C
Key Component		2.0 I.R/Key		PCB NAME	
Date		Tuesday, June 28, 2011		715G4498	
				Sheet 1 of 1	
				称参	
				<称参>	

7. 软体及 EDID 烧录 SOP

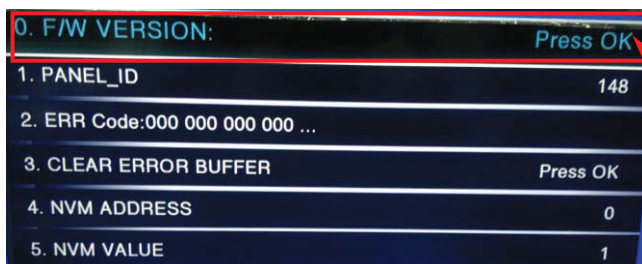
7.1 软体烧录

注：仅以其他相似机种的烧录为例（烧录方法相同）！

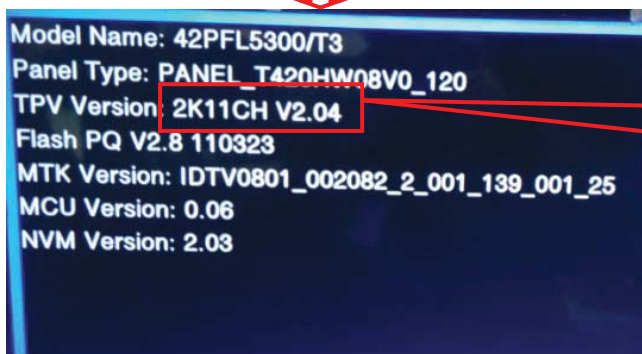
1. 准备 U 盘（FAT 格式为佳）。
2. 将“.pkg”格式的软体命名为“upgrade_loader.pkg”，并拷贝到 U 盘的根目录下。
3. TV AC off，将带有软体的 U 盘插入 TV USB 端口。



4. TV AC on 上电。TV 检测到“upgrade_loader.pkg”文件后会自动开始升级。在升级过程中禁止拔掉 U 盘，或 TV AC off。当升级结束后，TV 会自动重启。
5. 拔掉 U 盘，重启 TV。
6. 按“菜单+1999+返回”进工厂模式查看软体版本，确认软体版本无误。如果有误请重新烧录。



选中这一项，按“OK”键查看软体版本。



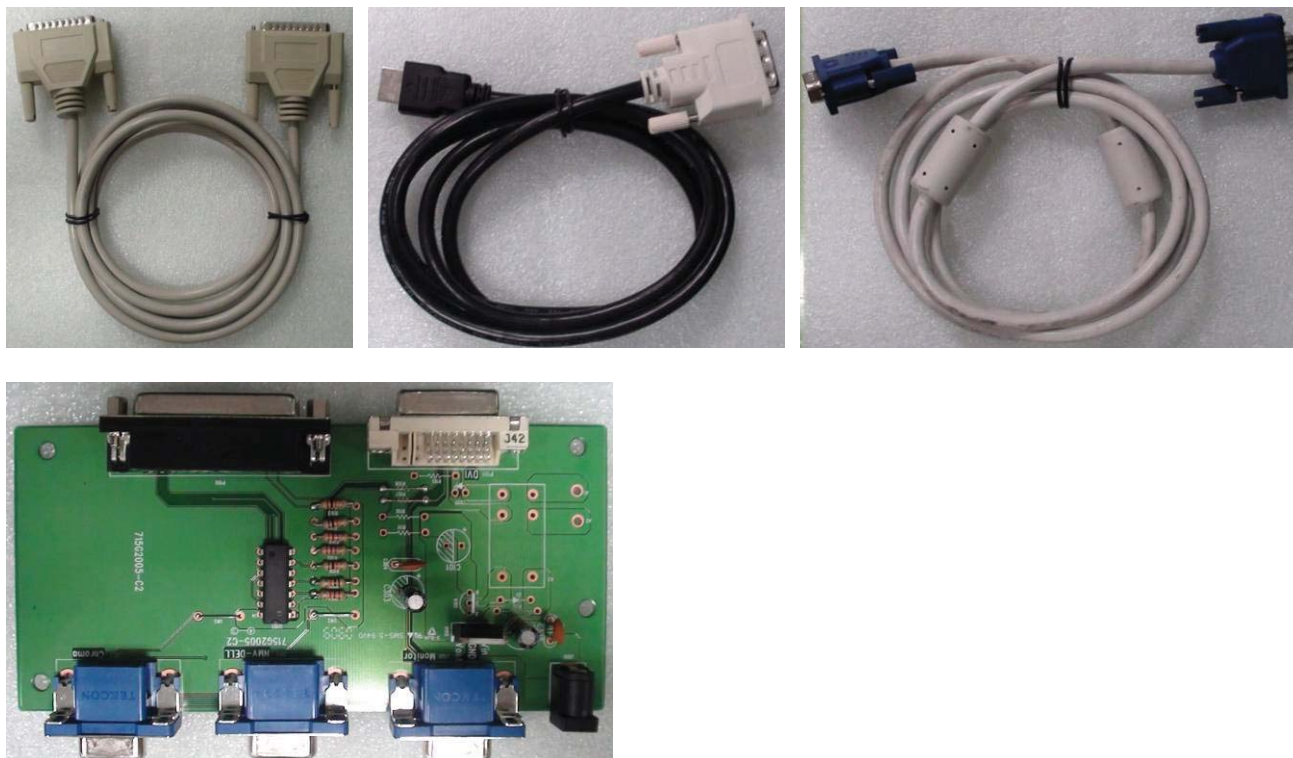
确认软体版本。

7.2 EDID 烧录


一、准备工作

1. 烧录工具

PC (1 set)、12V 输出电源适配器 (1 set)、打印接口线 (1 pcs)、DVI 转 HDMI 线 (1 pcs)、VGA 线 (1 pcs)、治具 715G2005-C2。

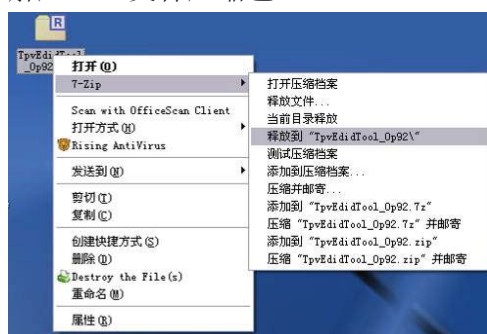


2. 程序安装

双击图标 ，安装打印口驱动 Port95nt。

烧录工具 ，此工具 *.DAT&*.BIN 档文件都可以烧录。

1) 解压 tool 文件压缩包。



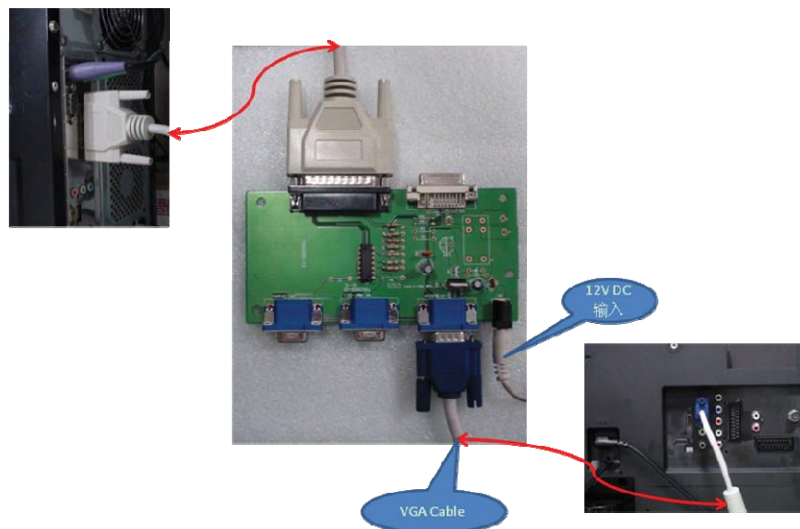
2) 打开 tool 文件夹。



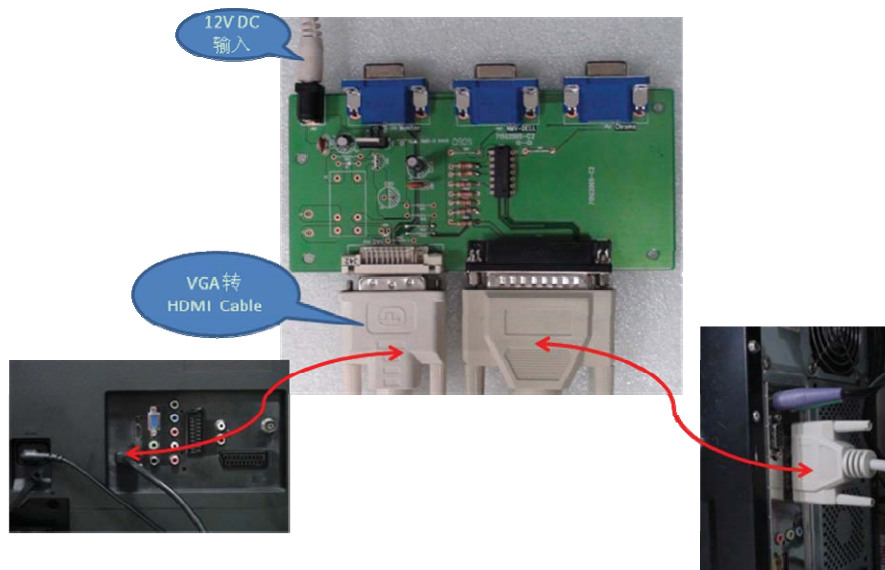
3) 运行“InstallEdidXP.bat”，自动运行完毕，按键盘任意键退出。

```
C:\WINDOWS\system32\cmd.exe
C:\Documents and Settings\yz.lin\Desktop\IpuEdidTool_0p92\EDID>rem Echo off
C:\Documents and Settings\yz.lin\Desktop\IpuEdidTool_0p92\EDID>copyDrvXP\input32.dll C:\WINDOWS\system32
已复制      1 个文件。
C:\Documents and Settings\yz.lin\Desktop\IpuEdidTool_0p92\EDID>if exist C:\WINDOWS\system32\ftd2xx.dll goto NEXT1
C:\Documents and Settings\yz.lin\Desktop\IpuEdidTool_0p92\EDID>rem copyDrvXP\ftci2c.dll C:\WINDOWS\system32
C:\Documents and Settings\yz.lin\Desktop\IpuEdidTool_0p92\EDID>rem copyDrvXP\get_io.dll C:\WINDOWS\system32
C:\Documents and Settings\yz.lin\Desktop\IpuEdidTool_0p92\EDID>rem copyDrvXP\libusb0.dll C:\WINDOWS\system32
C:\Documents and Settings\yz.lin\Desktop\IpuEdidTool_0p92\EDID>rem
C:\Documents and Settings\yz.lin\Desktop\IpuEdidTool_0p92\EDID>if not exist IpuEdid.exe goto Quit
C:\Documents and Settings\yz.lin\Desktop\IpuEdidTool_0p92\EDID>pause
请按任意键继续.
```

3. 烧录治具连接： VGA 接口



HDMI 接口



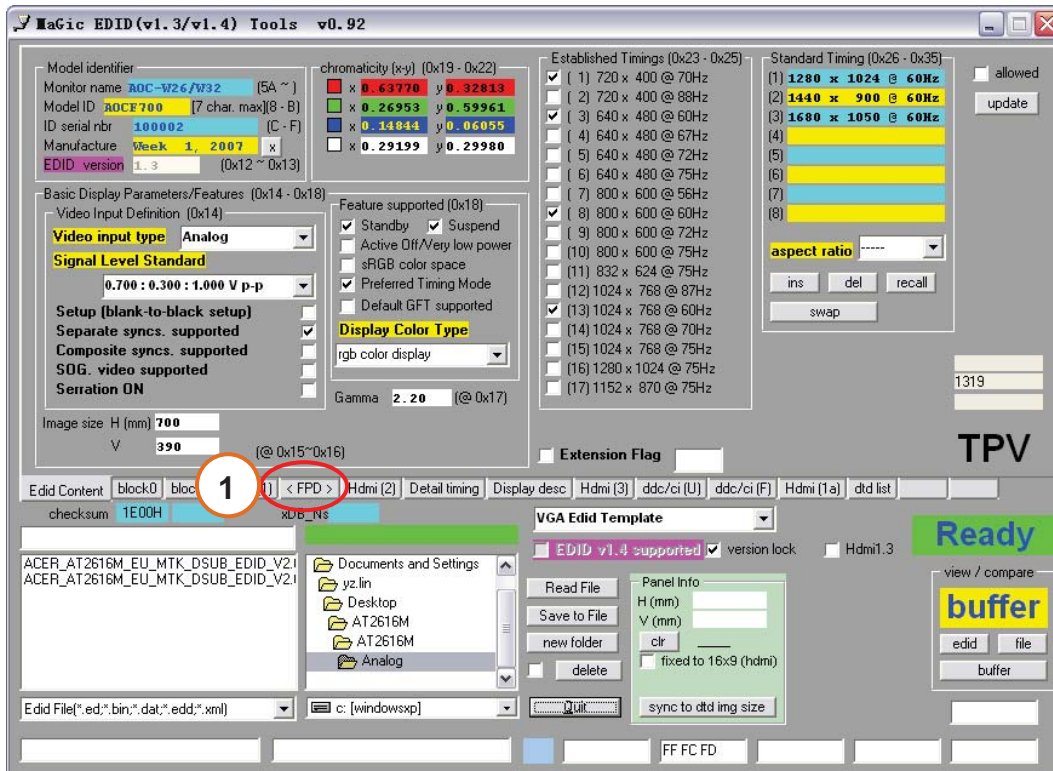
二、EDID 烧录

注：1. POWER ON 模式下，用遥控器开机并进入工厂模式后才能烧录。

2. 以其他机种的 VGA 接口烧录为例，HDMI 接口的烧录和 VGA 接口类似。

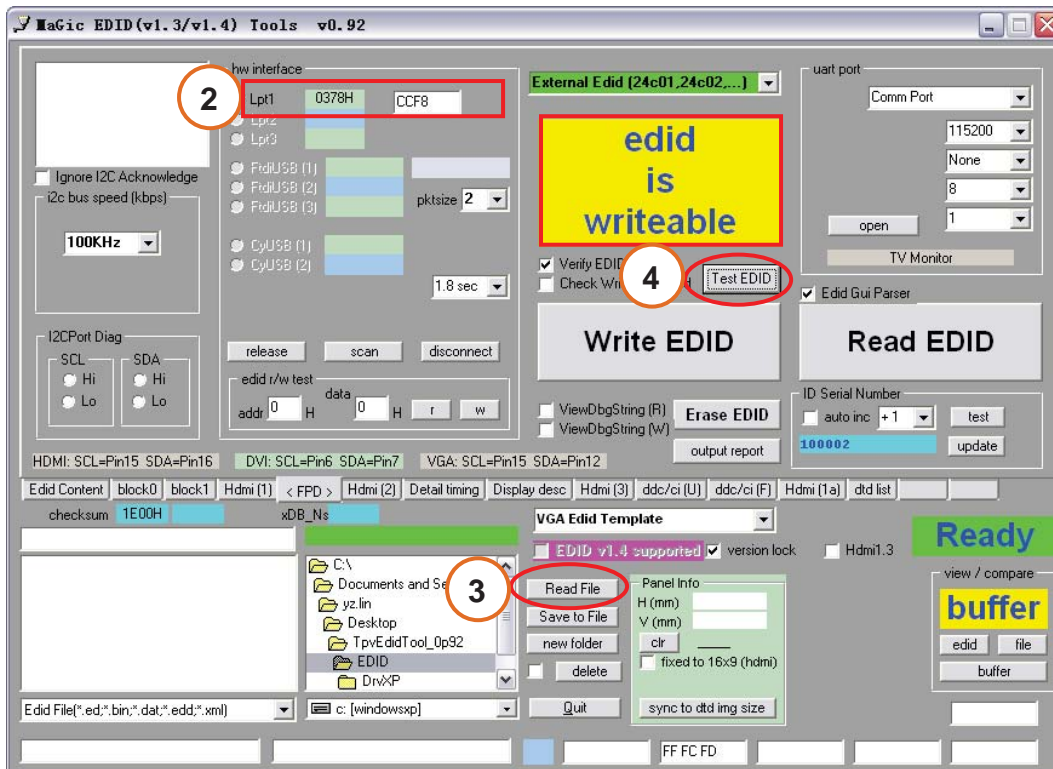
1. 运行“TpVEdid.exe” 。

2. 点击（FPD）。

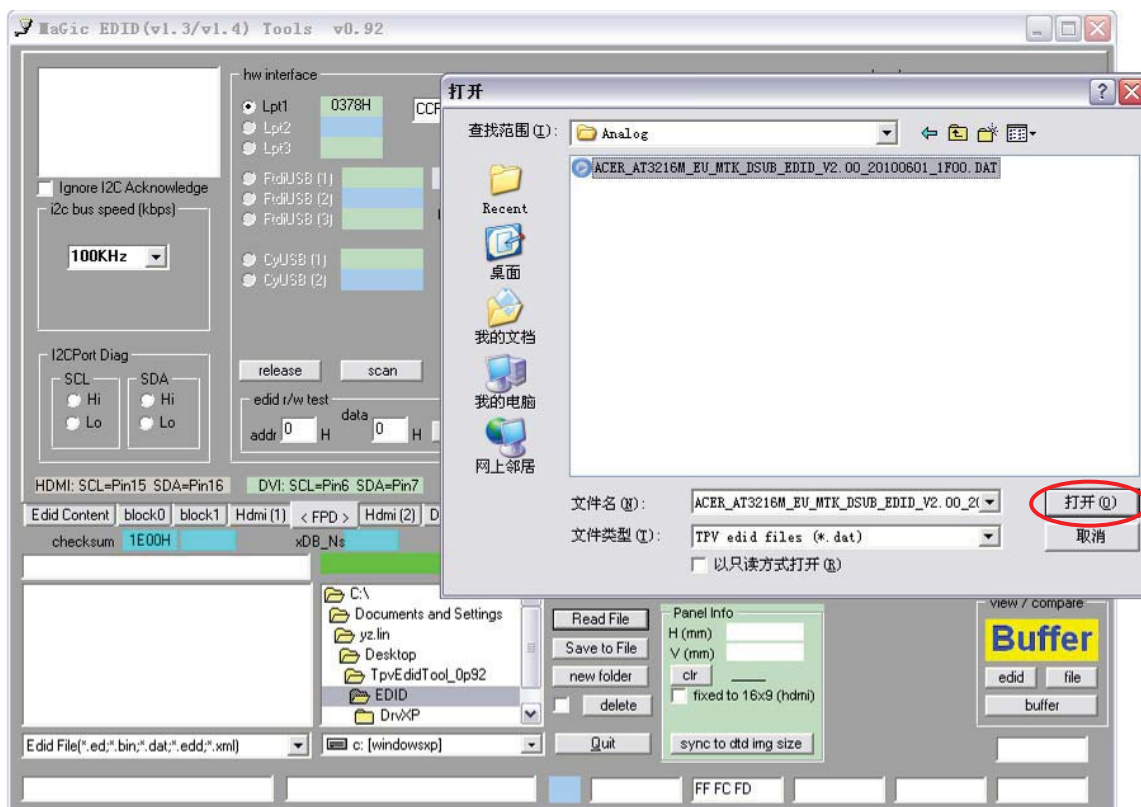


3. 点击选择“Lpt1”。

4. 点击“Test EDID”，测试 OK 会提示“edid is writeable”，然后点击“Read File”选择数据文件。

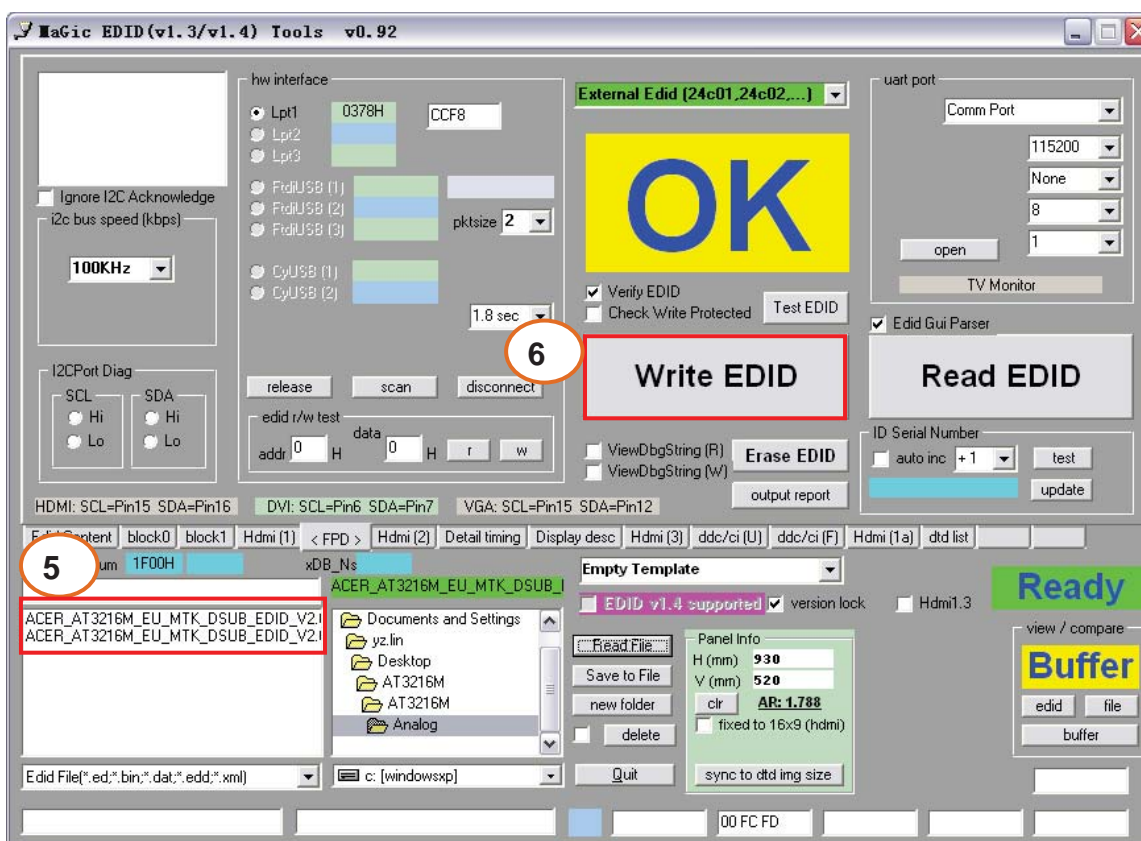


5. 选 EDID 数据所在目录，点击打开加载数据文件。

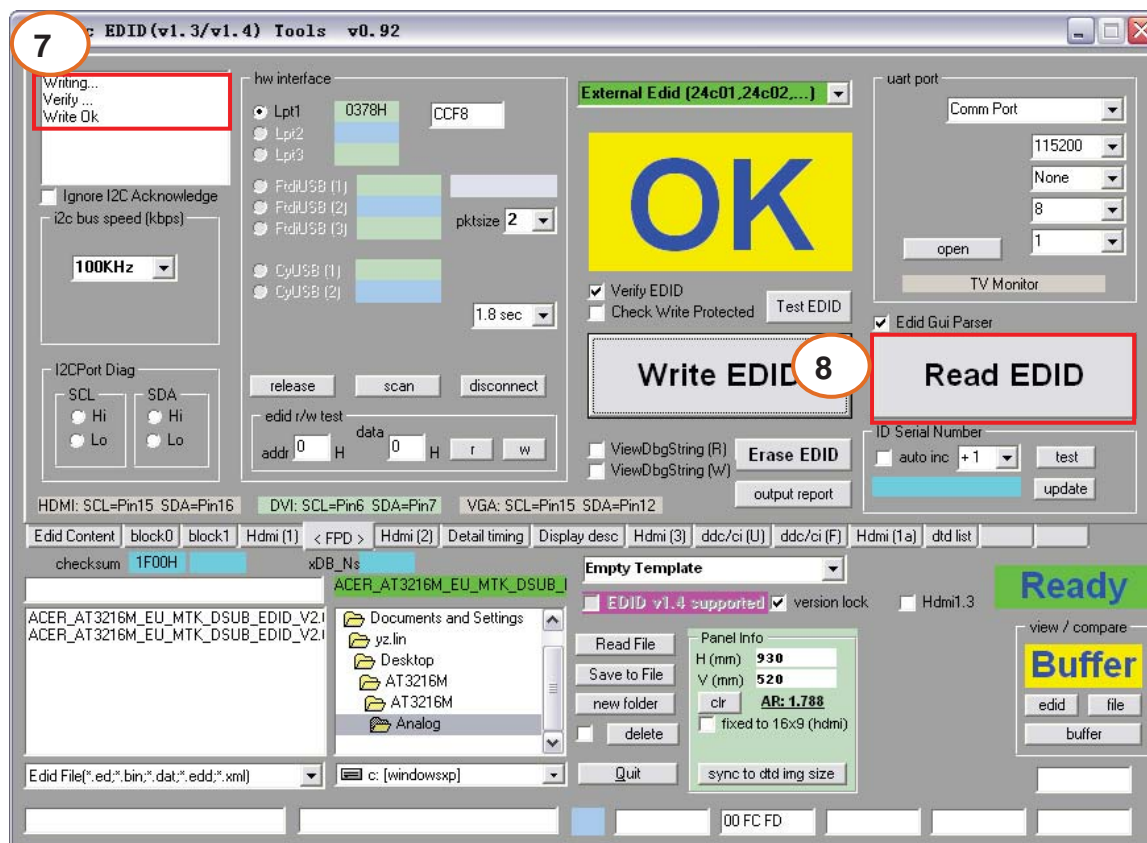


6. 数据文件加载 OK。

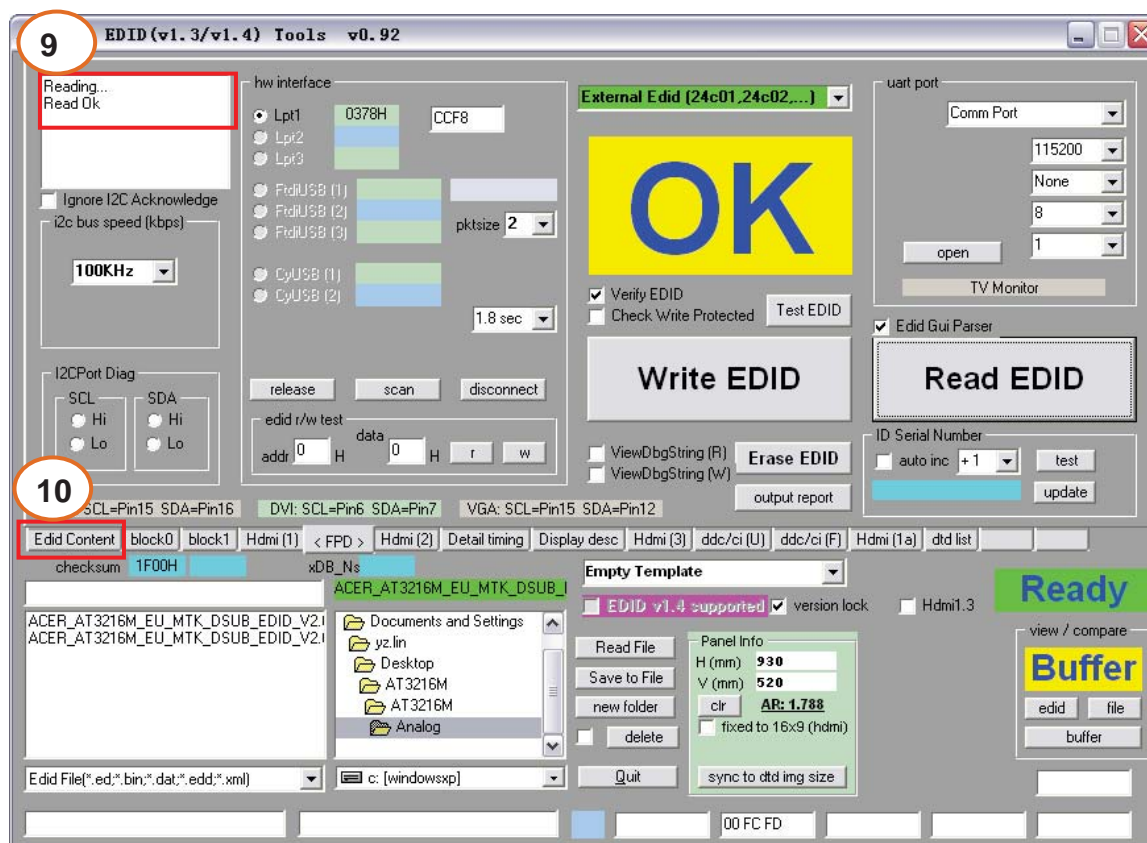
7. 点击“Write EDID”。



8. 烧录 OK 提示“Write OK”。
9. 点击“Read EDID”读取数据确认。

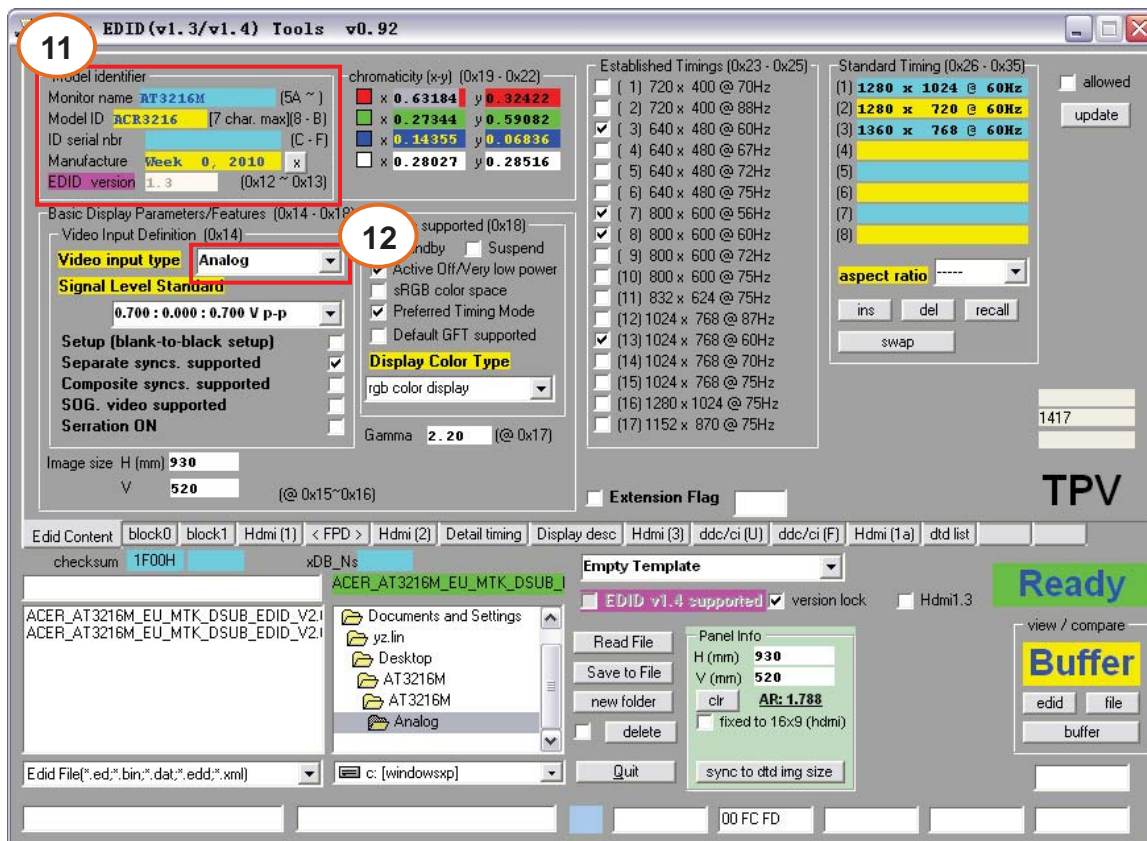


10. EDID 读取 OK，提示“Read OK”。
11. 点击“Edid Content”，确认读取的数据。

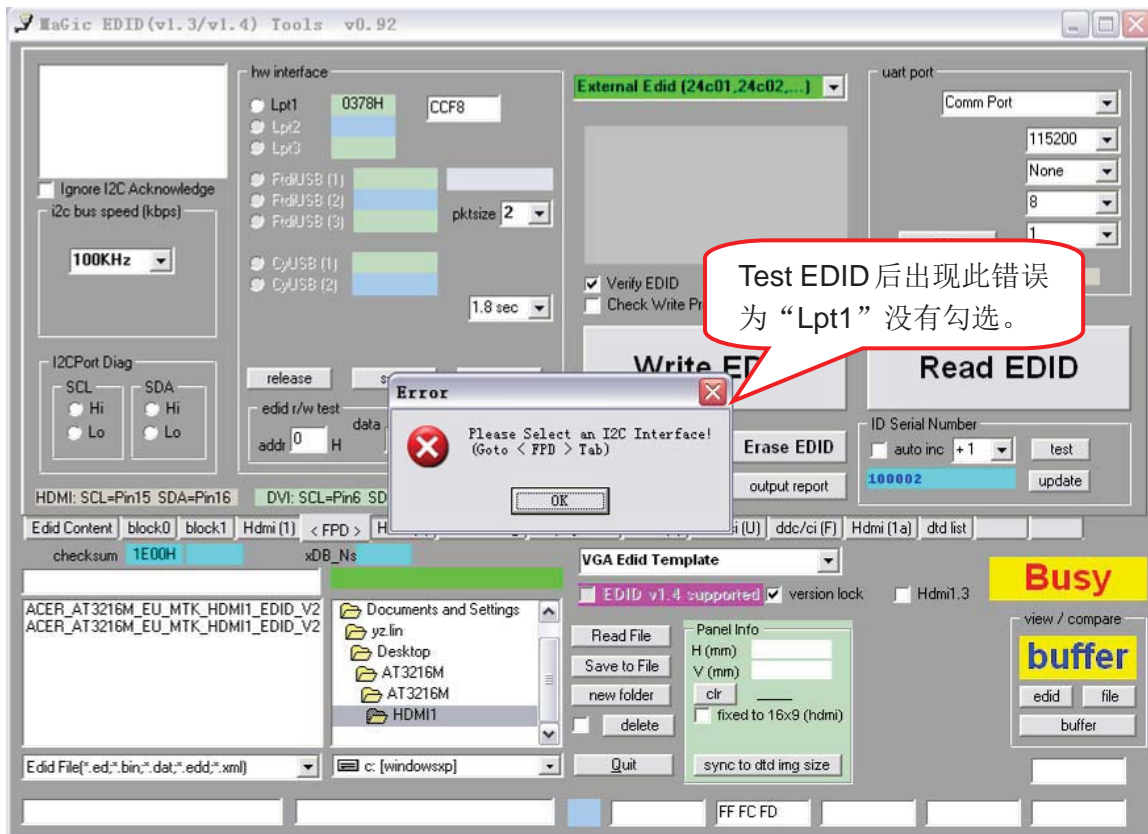


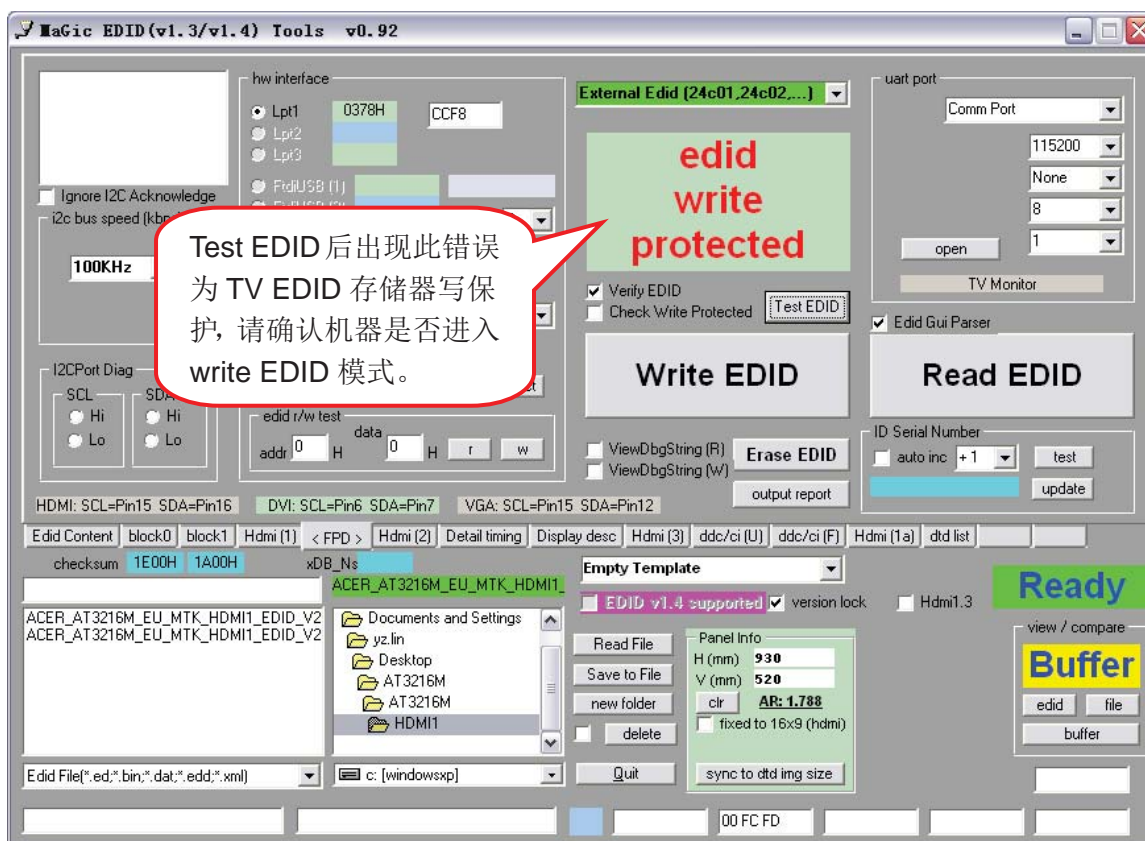
12. 确认 model name, edid 版本等信息, 无误烧录 OK。

13. 此处信息为“analog”, 确认为 VGA 的 EDID。



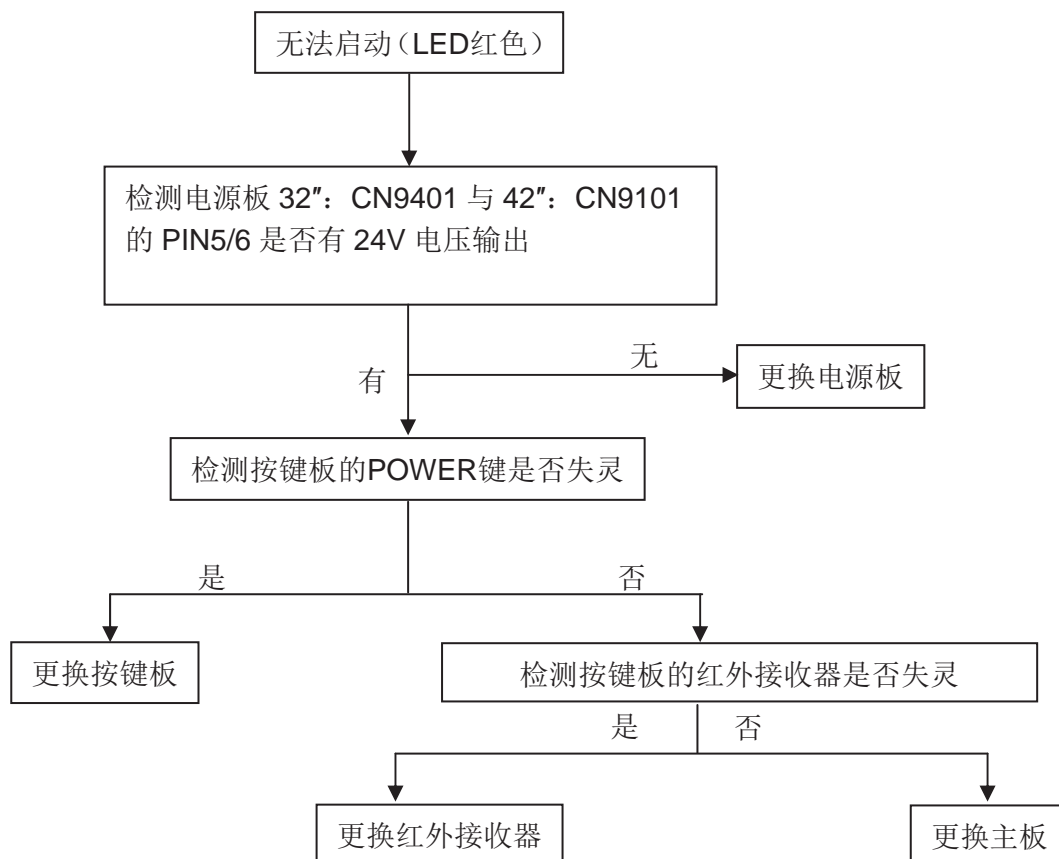
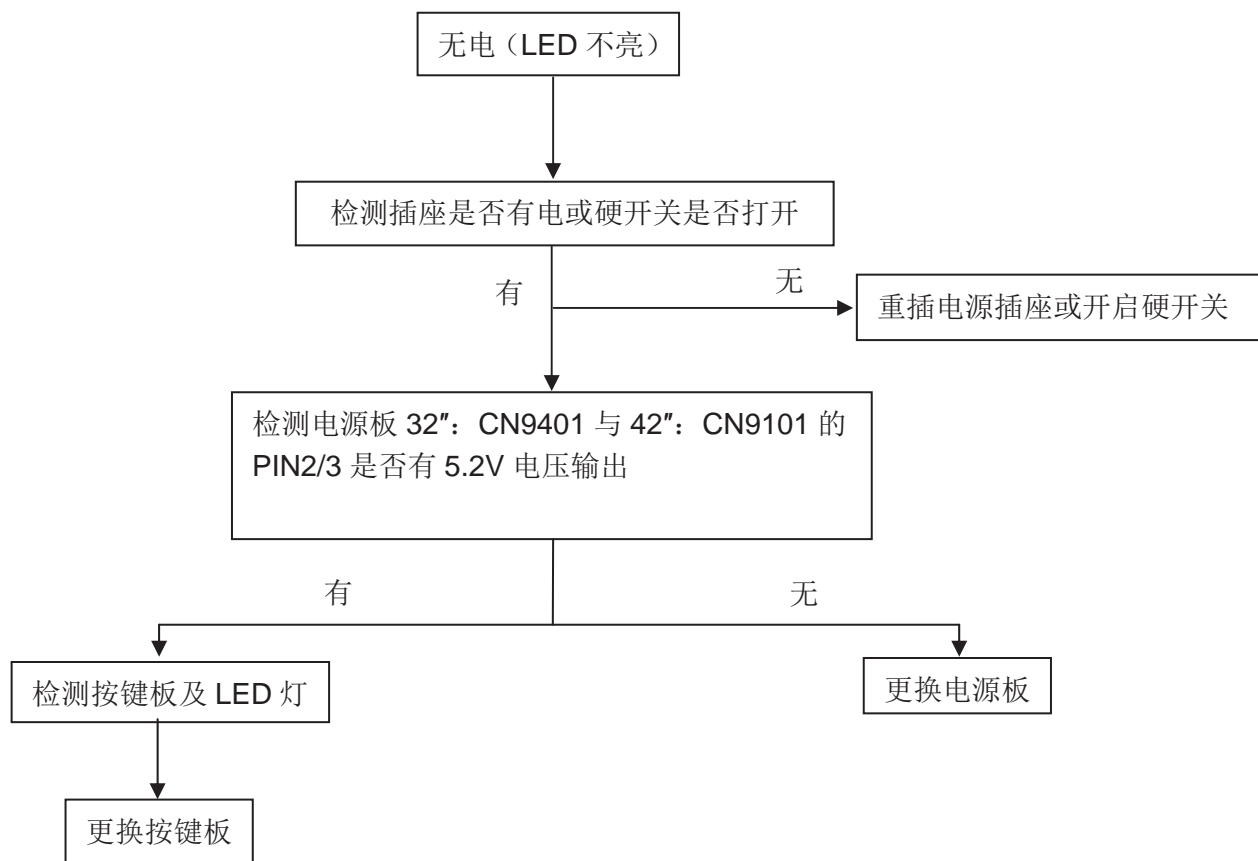
三、Q & A

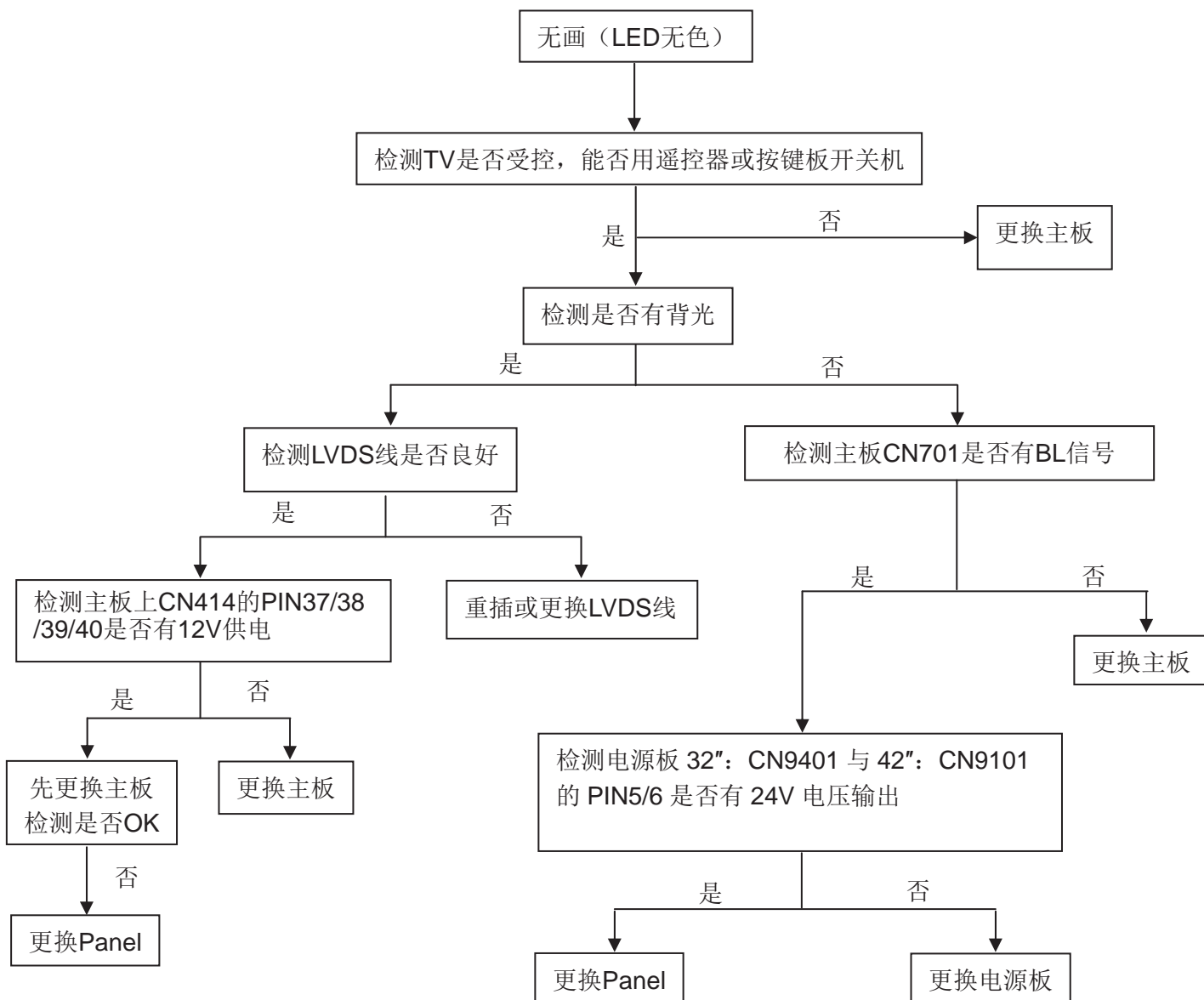


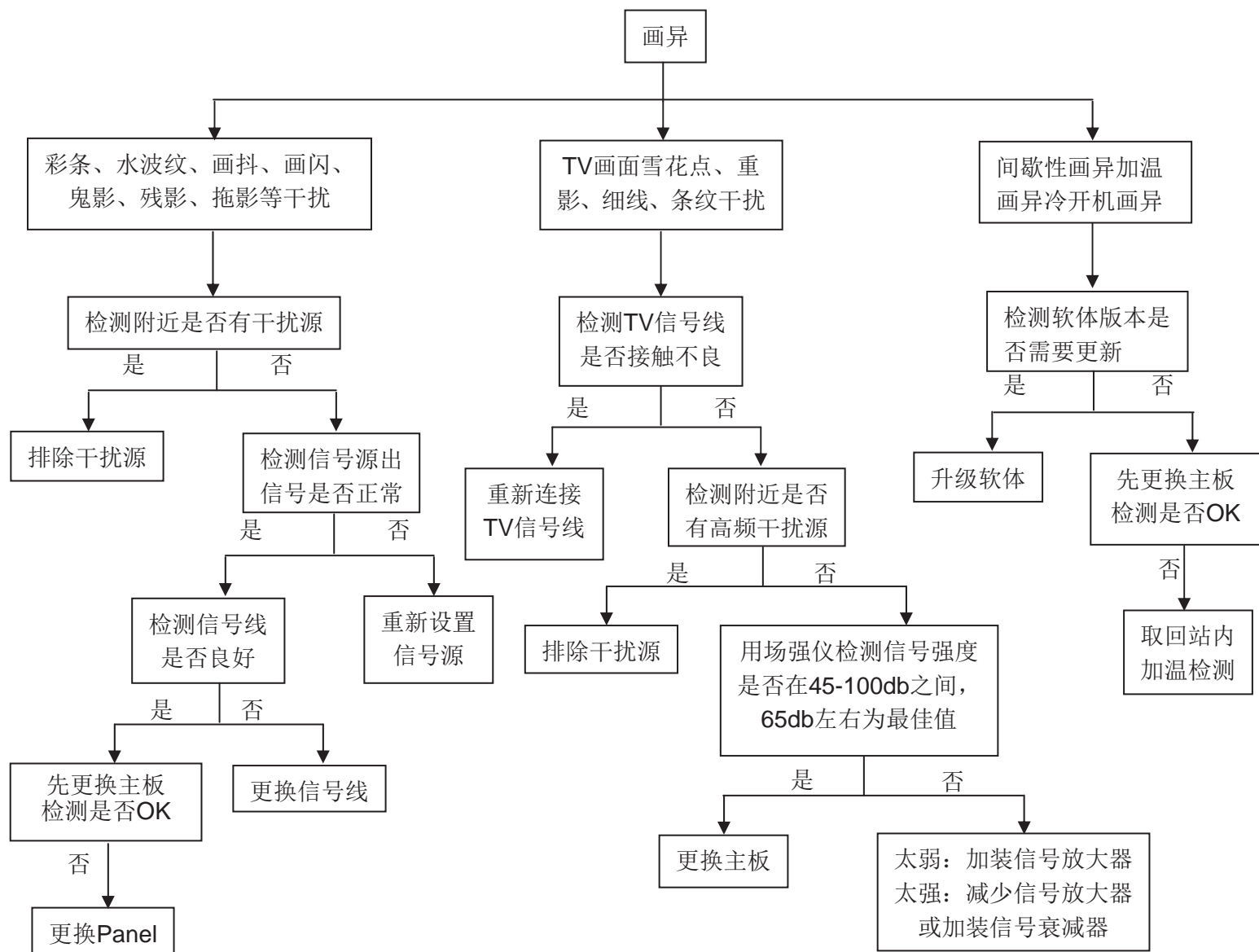


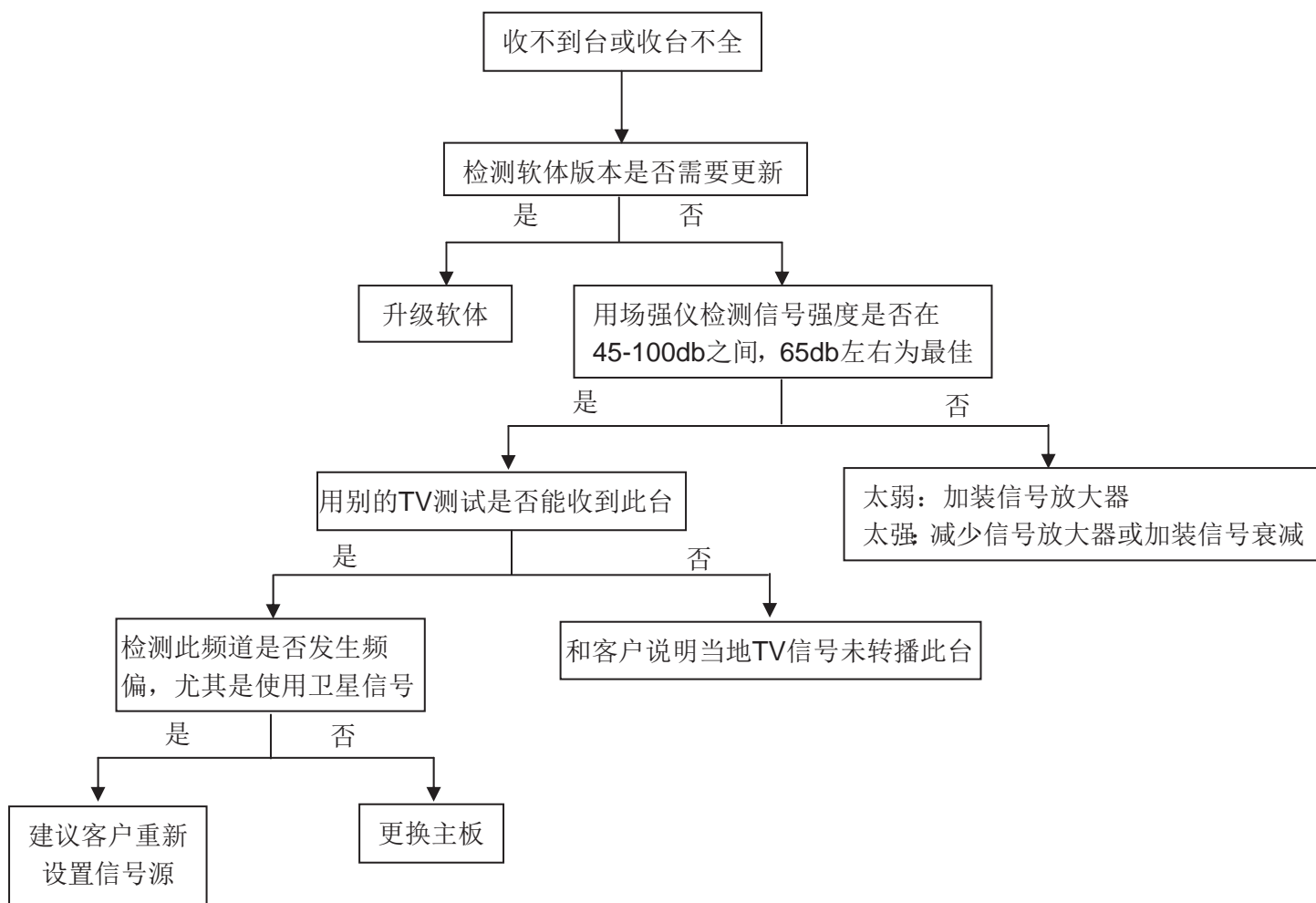
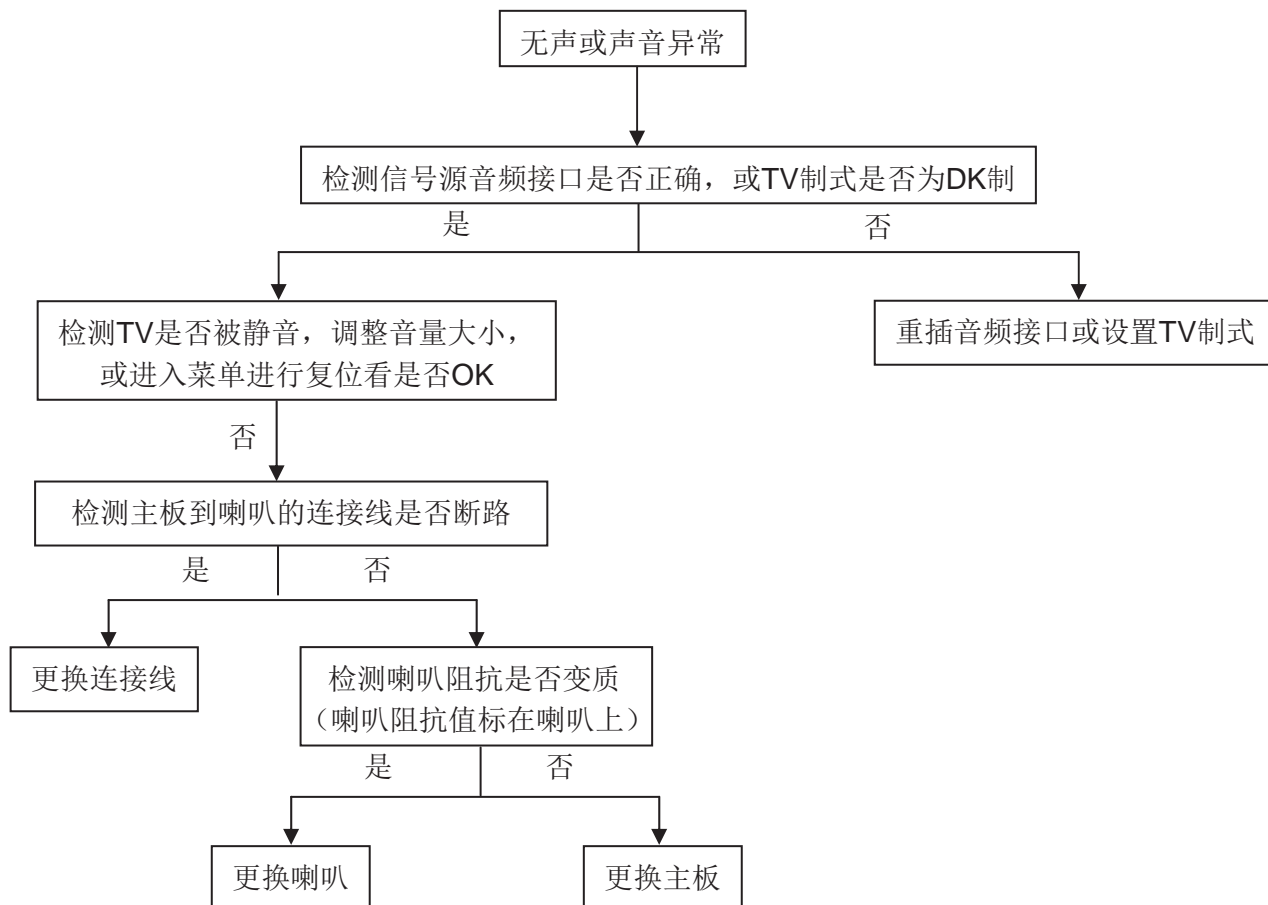
如果 EDID 还是烧录不成功, 则可拆开机器将存放 EDID 的 EEPROM 的第七脚 (去保护脚) 接地。然后再烧录。只要芯片供电正常, 这种方法可保证 EDID 烧录成功。

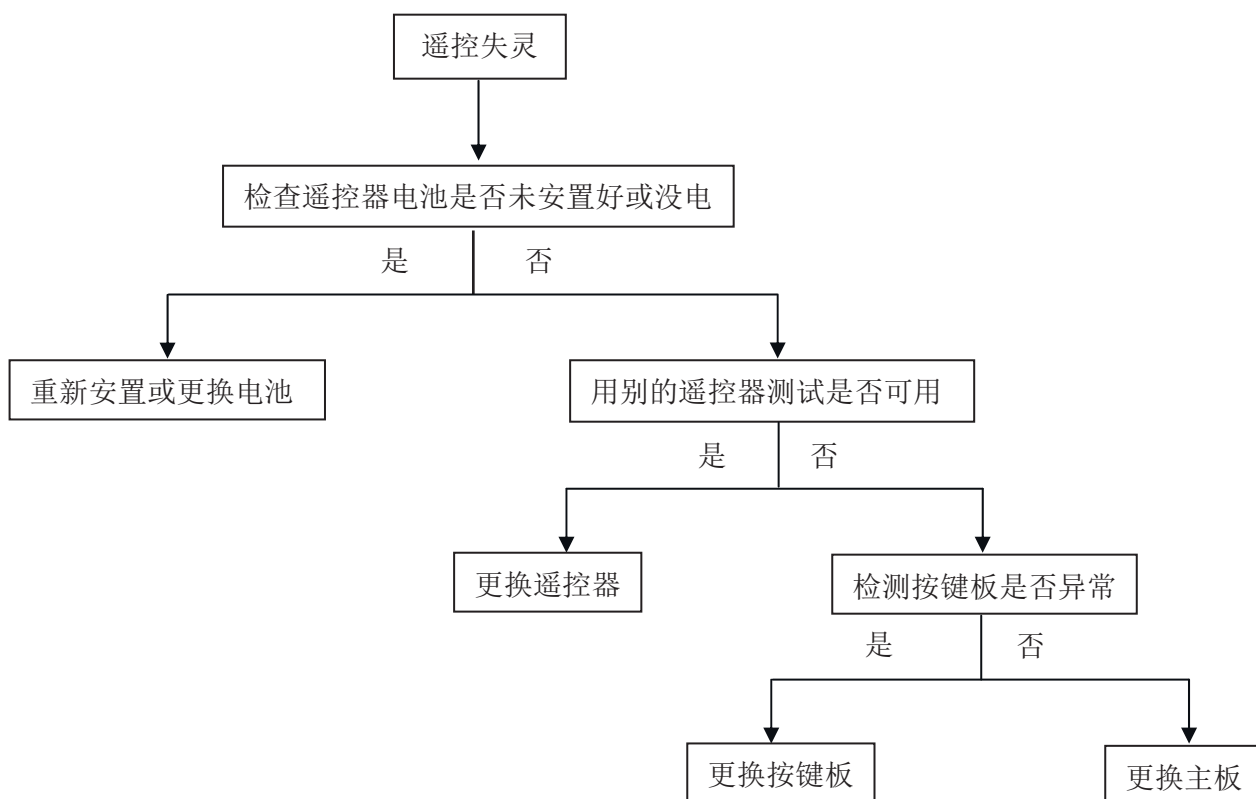
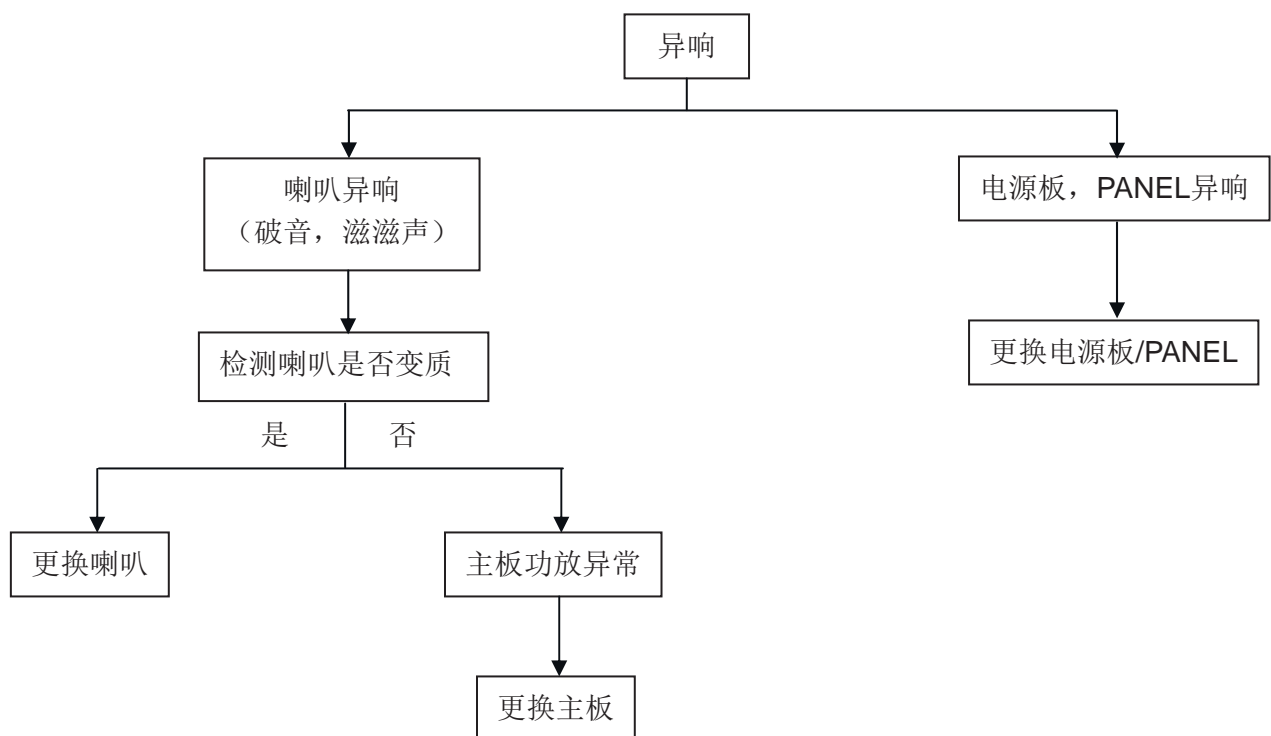
8. 故障处理流程

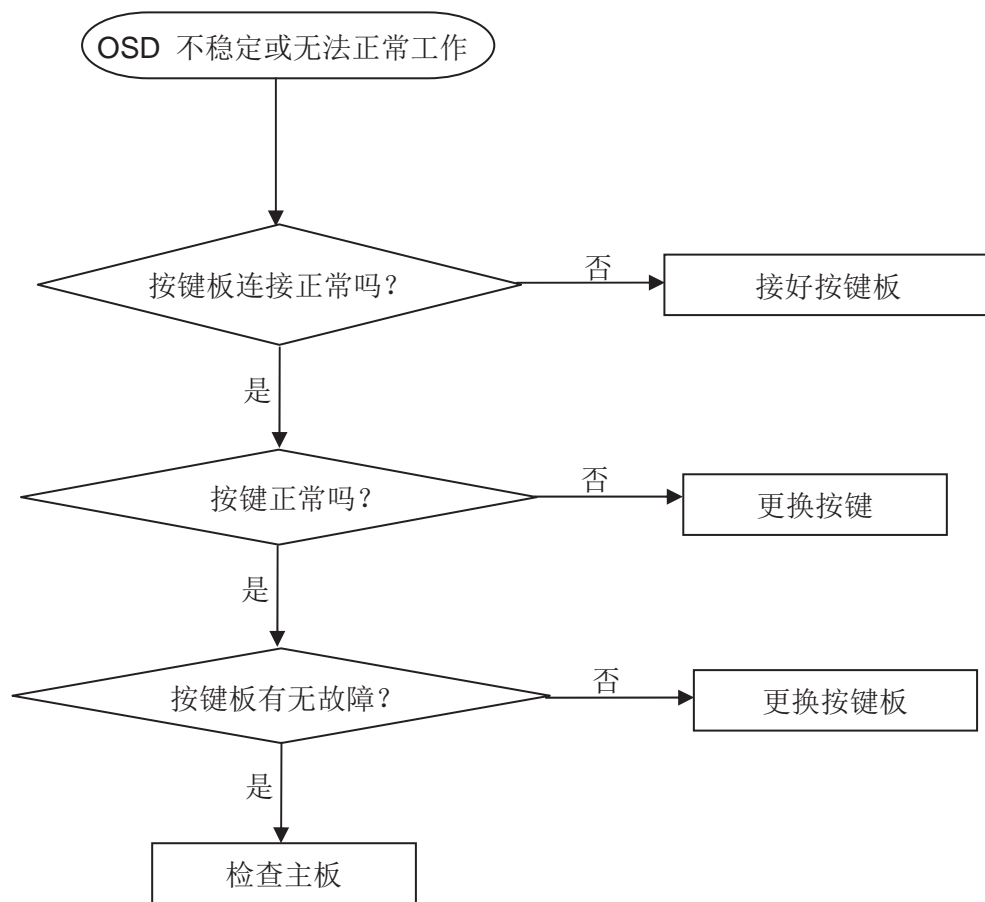








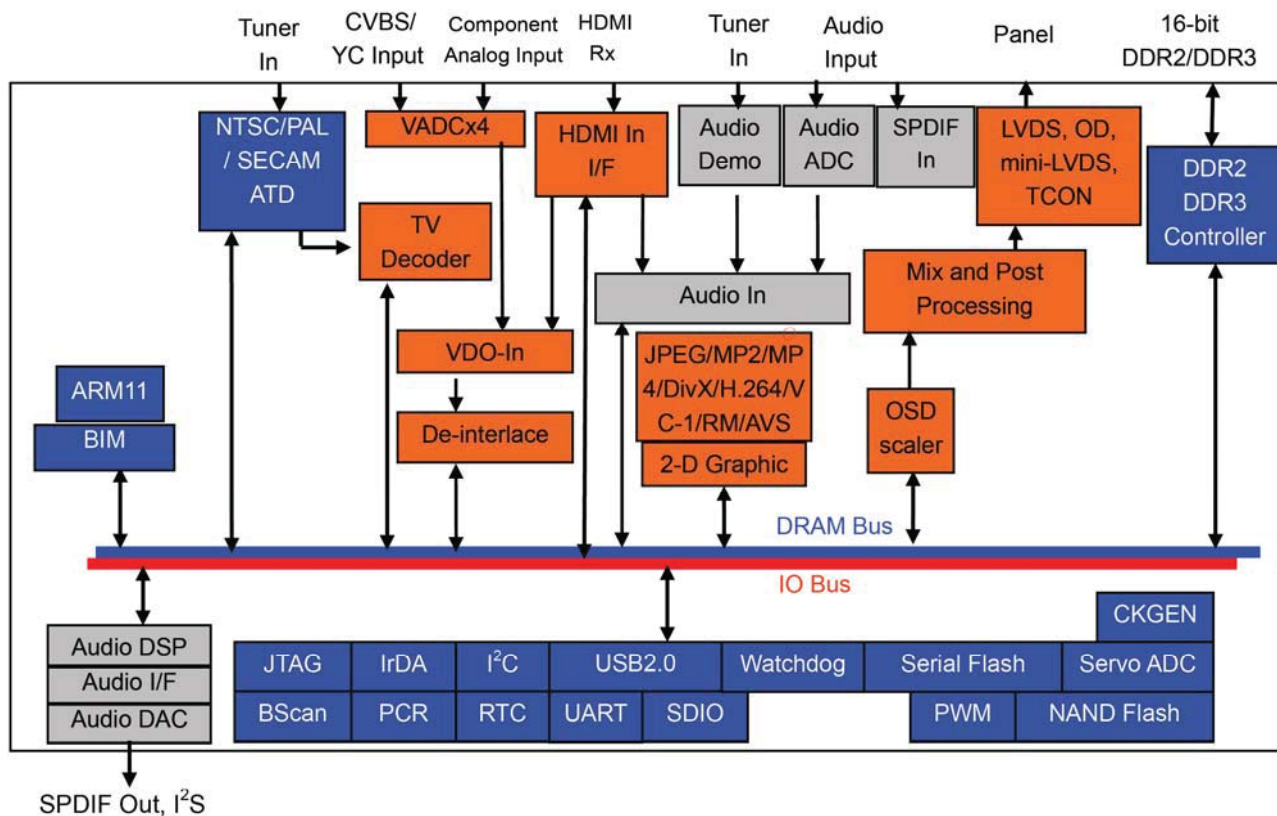




9. 主要 IC 管脚及内部框图

Scaler IC MT5301BGMU

Block Diagram

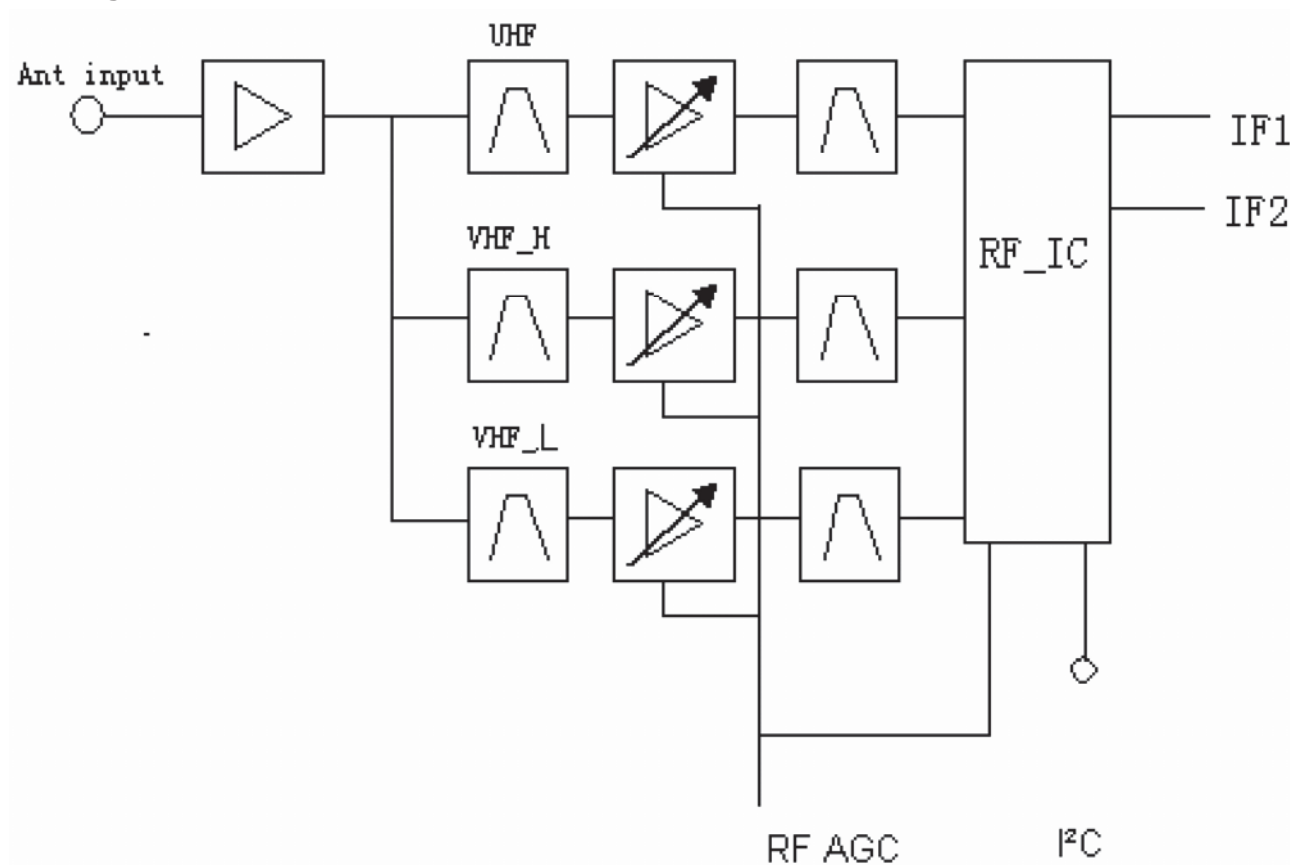


Pin Configuration

1	FSRC_WR	1
2	GPIO14	2
3	VCC3IO	3
4	AVDD12_VPLL	4
5	AE5P	5
6	AE5N	6
7	AE4P	7
8	AE4N	8
9	AE3P	9
10	AE3N	10
11	AECKP	11
12	AECKN	12
13	AE2P	13
14	AE2N	14
15	AE1P	15
16	AE1N	16
17	AE0P	17
18	AE0N	18
19	AVDD33_LVDSA	19
20	AVDD33_LVDSA	20
21	AO5P	21
22	AO5N	22
23	AO4P	23
24	AO4N	24
25	AO3P	25
26	AO3N	26
27	AOCKP	27
28	AOCKN	28
29	AO2P	29
30	AO2N	30
31	AO1P	31
32	AO1N	32
33	AO0P	33
34	AO0N	34
35	VCCK	35
36	VCCK	36
37	VCCK	37
38	AVDD12_MEMPLL	38
39	AVSS12_MEMPLL	39
40	RODT/RCKE	40
41	RA8//RA10	41
42	RA13//RA1	42
43	RA11//RA4	43
44	RA4//RA1	44
45	RA6//RA6	45
46	RA0//RA8	46
47	RA2//RA11	47
48	RCAS_//RA12	48
49	RCS_//RAS	49
50	RRAS_//RCAS	50
51	RA9//RWE	51
52	VCC2IO	52
53	RA12//RA0	53
54	RA7//RA13	54
55	RA5//RA9	55
56	NCI//RESET	56
57	RA3//RA7	57
58	RA1//RA2	58
59	RA10//RA5	59
60	RBA1//RA3	60
61	RBA0//RBA2	61
62	RBA2//RBA0	62
63	RWE_//RCS	63
64	RCKE//RODT	64
128	PORESET	128
129	PWRSV	129
130	HDM1_HPD	130
131	HDM1_SCL	131
132	HDM1_SDA	132
133	HDM1_CEC	133
134	AVDD12_HDM1	134
135	USB_2P_URT	135
136	AVDD33_USB_2P	136
137	USB_2P_DP0	137
138	USB_2P_DP0	138
139	USB_2P_DP1	139
140	USB_2P_DP1	140
141	DM1	141
142	VCCK	142
143	VCC3IO	143
144	OPWMD	144
145	JTRST	145
146	JTDI	146
147	JTMS	147
148	JTDO	148
149	VCCK	149
150	ARCLO	150
151	RCLO	151
152	RCLO	152
153	RCLO	153
154	RCLO	154
155	RCLO	155
156	RCLO	156
157	RCLO	157
158	RCLO	158
159	RCLO	159
160	RCLO	160
161	RCLO	161
162	RCLO	162
163	RCLO	163
164	RCLO	164
165	RCLO	165
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183	RCLO	183
184	RCLO	184
185	RCLO	185
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189	RCLO	189
190	RCLO	190
191	RCLO	191
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193	RCLO	193
194	RCLO	194
195	RCLO	195
196	RCLO	196
197	RCLO	197
198	RCLO	198
199	RCLO	199
200	RCLO	200
201	RCLO	201
202	RCLO	202
203	RCLO	203
204	RCLO	204
205	RCLO	205
206	RCLO	206
207	RCLO	207
208	RCLO	208

Tuner F86WT-17-E

Block Diagram

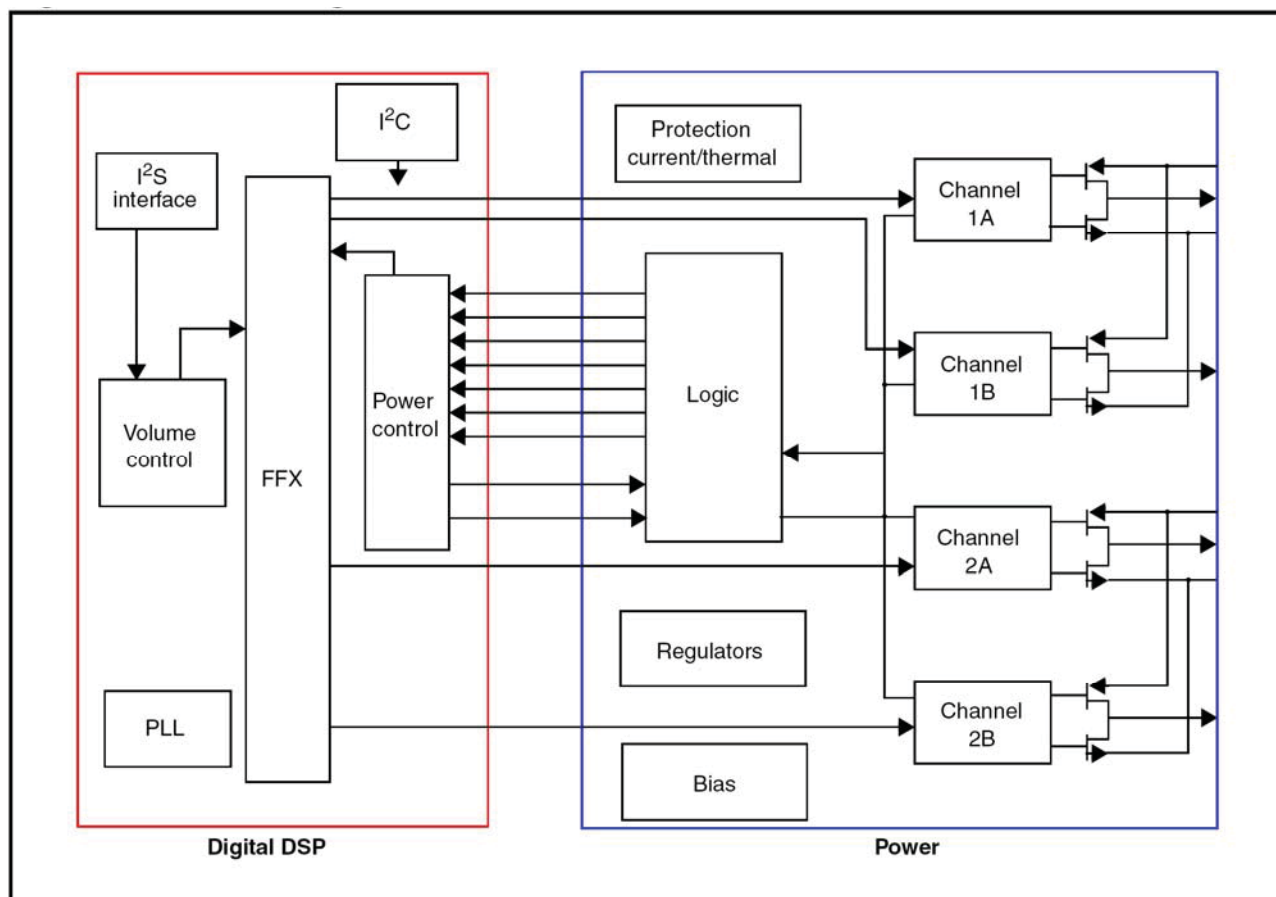


Pin Configuration

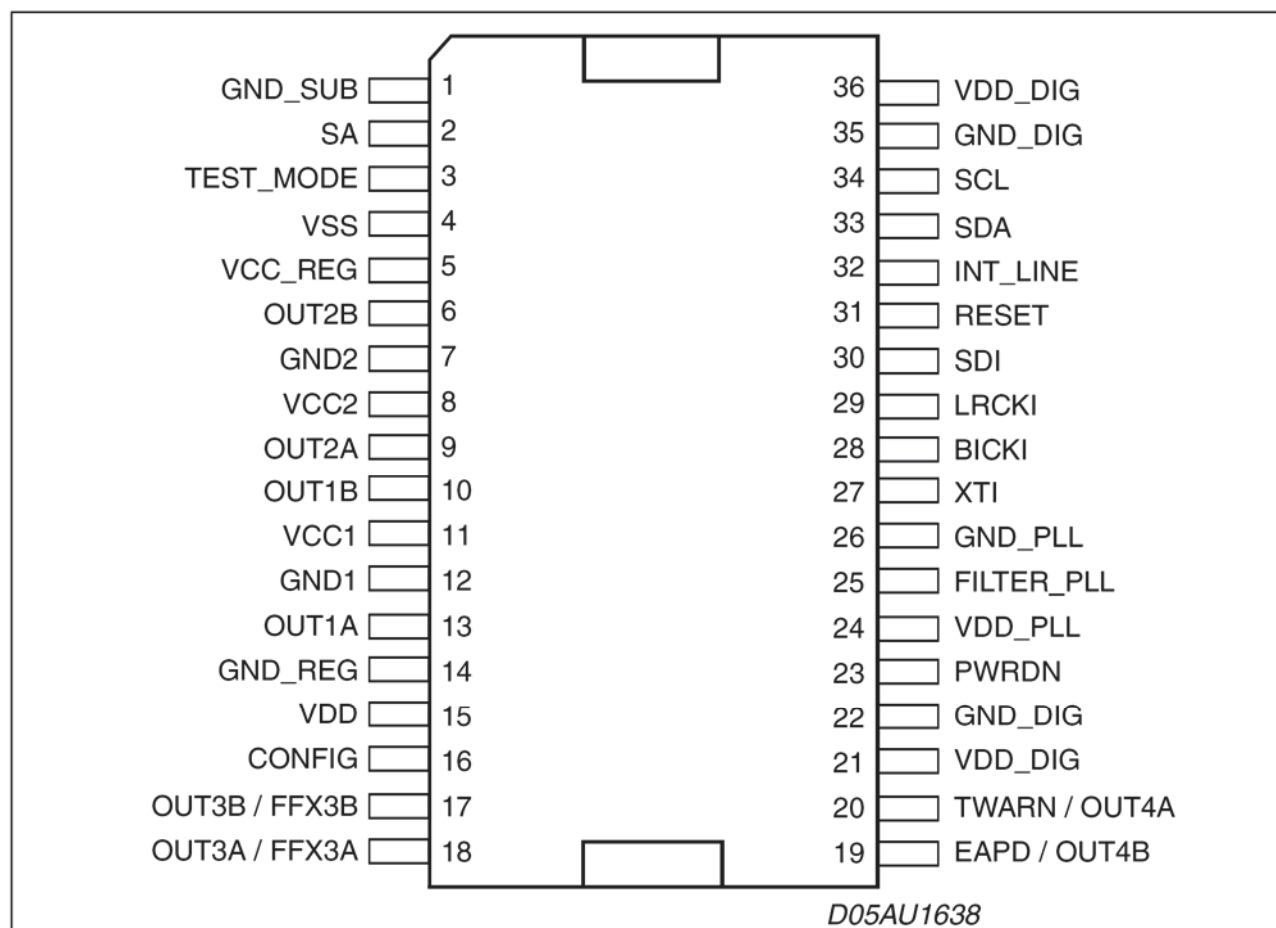
1	NC	NC
2	NC	NC
3	Vcc1 supply tuner	+5V
4	External RF AGC	外加AGC
5	NC	NC
6	SCL	I2C 时钟总线
7	SDA	I2C 数据总线
8	NC	NC
9	NC	NC
10	NC	NC
11	NC	NC
12	GND	GND
13	NC	NC
14	NC	NC
15	NC	NC
16	NC	NC
17	IF1 (N)	IF 输出
18	IF1 (P)	IF 输出

功放 IC STA339BWTR

Block Diagram

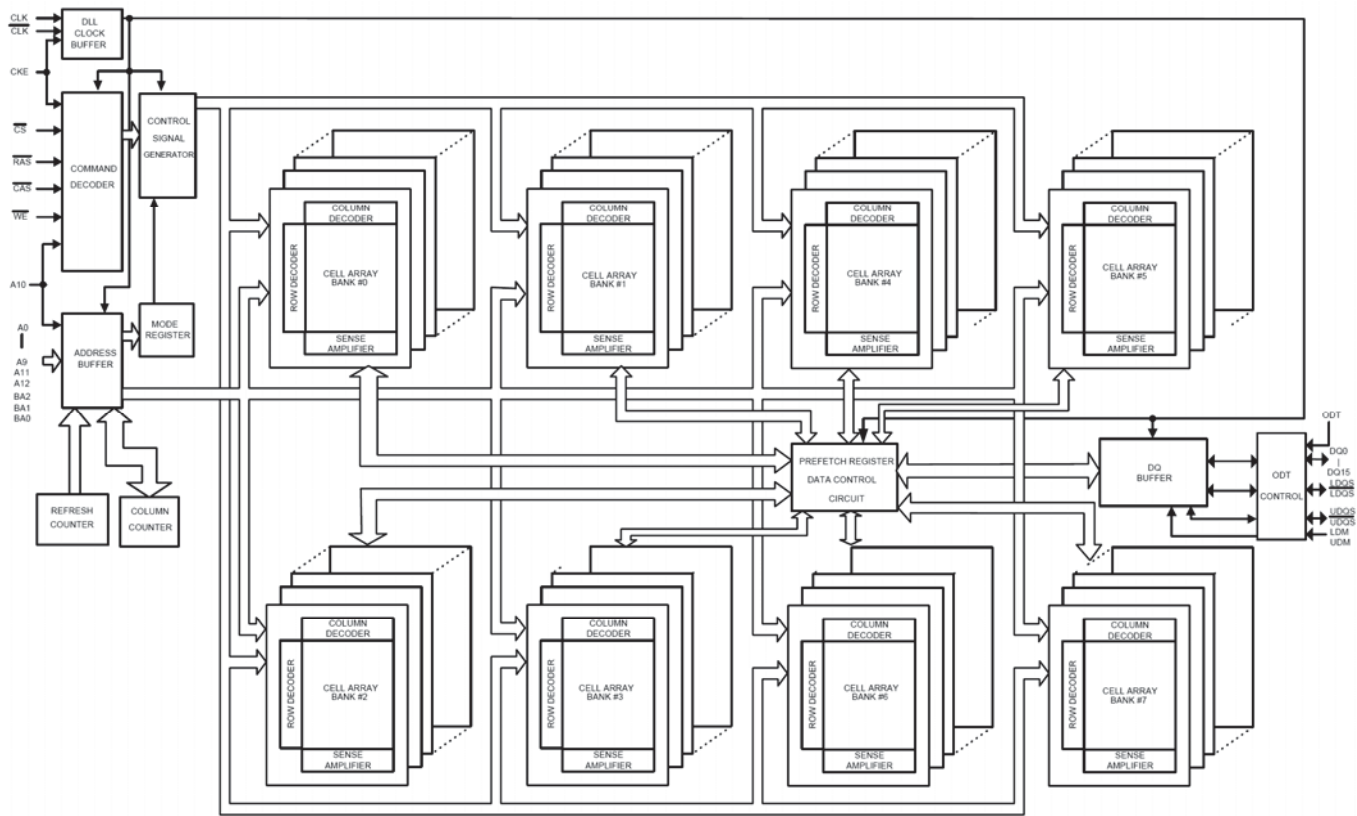


Pin Configuration



DDR W971GG6JB-18

Block Diagram

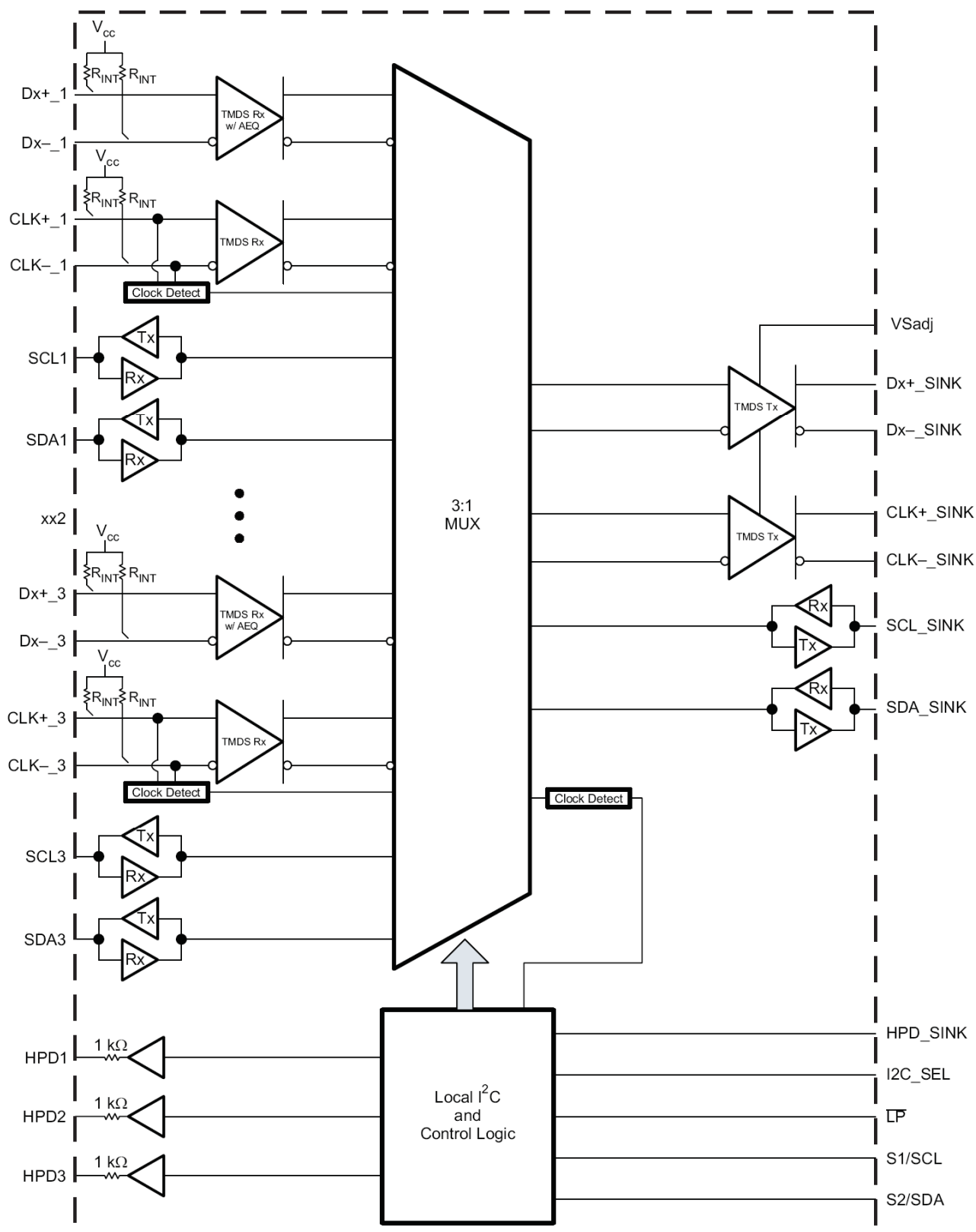


Pin Configuration

1	2	3	4	5	6	7	8	9
VDD	NC	VSS		A		VSSQ	UDQS	VDDQ
DQ14	VSSQ	UDM		B		UDQS	VSSQ	DQ15
VDDQ	DQ9	VDDQ		C		VDDQ	DQ8	VDDQ
DQ12	VSSQ	DQ11		D		DQ10	VSSQ	DQ13
VDD	NC	VSS		E		VSSQ	LDQS	VDDQ
DQ6	VSSQ	LDM		F		LDQS	VSSQ	DQ7
VDDQ	DQ1	VDDQ		G		VDDQ	DQ0	VDDQ
DQ4	VSSQ	DQ3		H		DQ2	VSSQ	DQ5
VDDL	VREF	VSS		J		VSSDL	CLK	VDD
	CKE	WE		K		RAS	CLK	ODT
BA2	BA0	BA1		L		CAS	CS	
	A10/AP	A1		M		A2	A0	VDD
VSS	A3	A5		N		A6	A4	
	A7	A9		P		A11	A8	VSS
VDD	A12	NC		R		NC	NC	

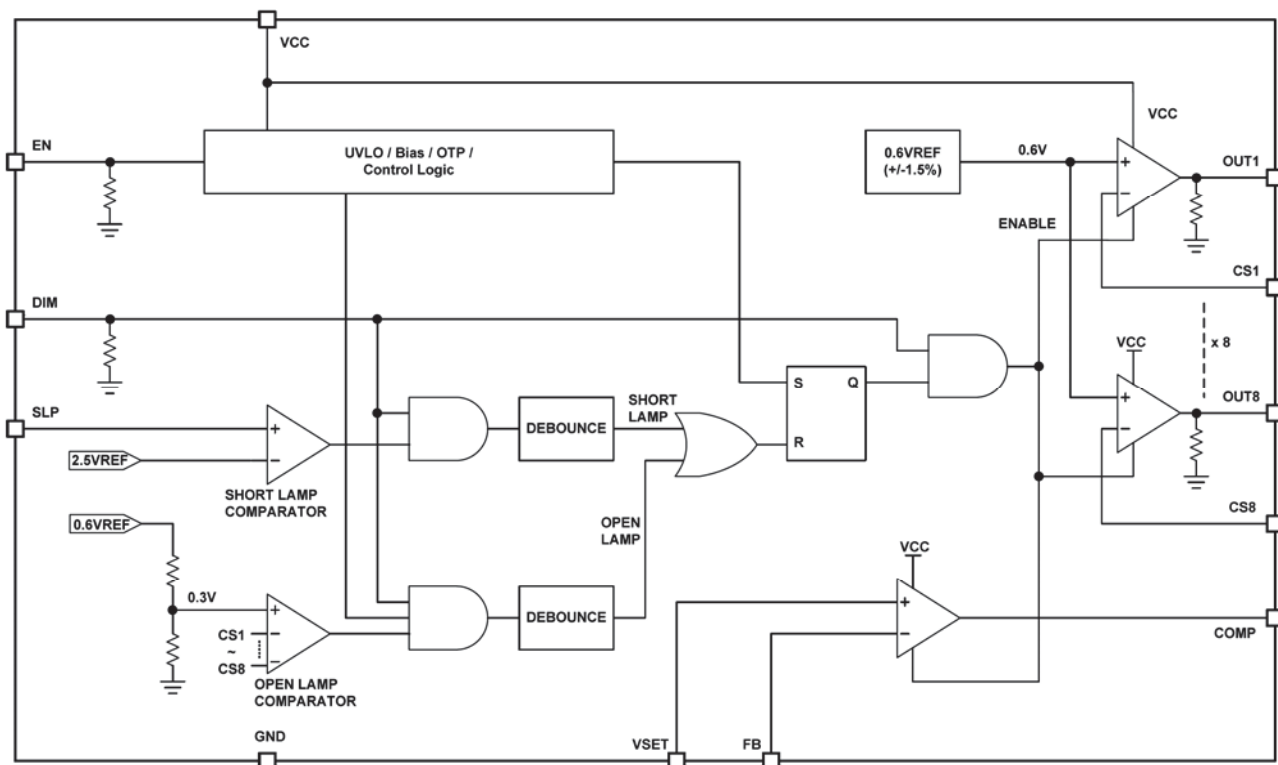
HDMI Switch IC TMD5361BPAGR

Block Diagram

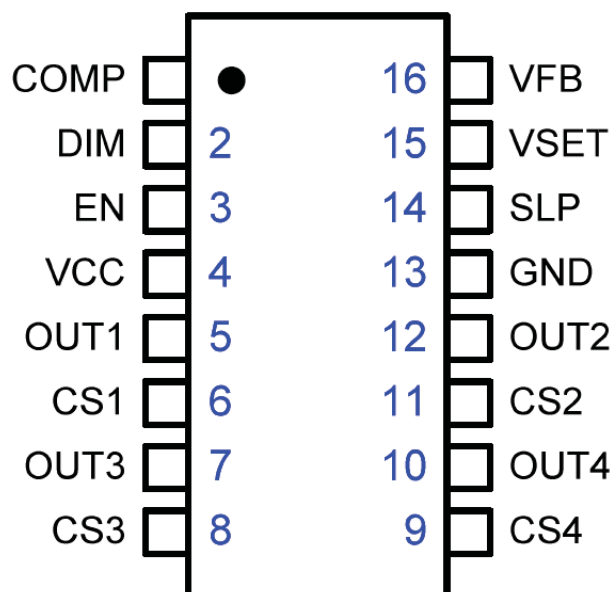


LED Backlight Controller IC PF7004S

Block Diagram

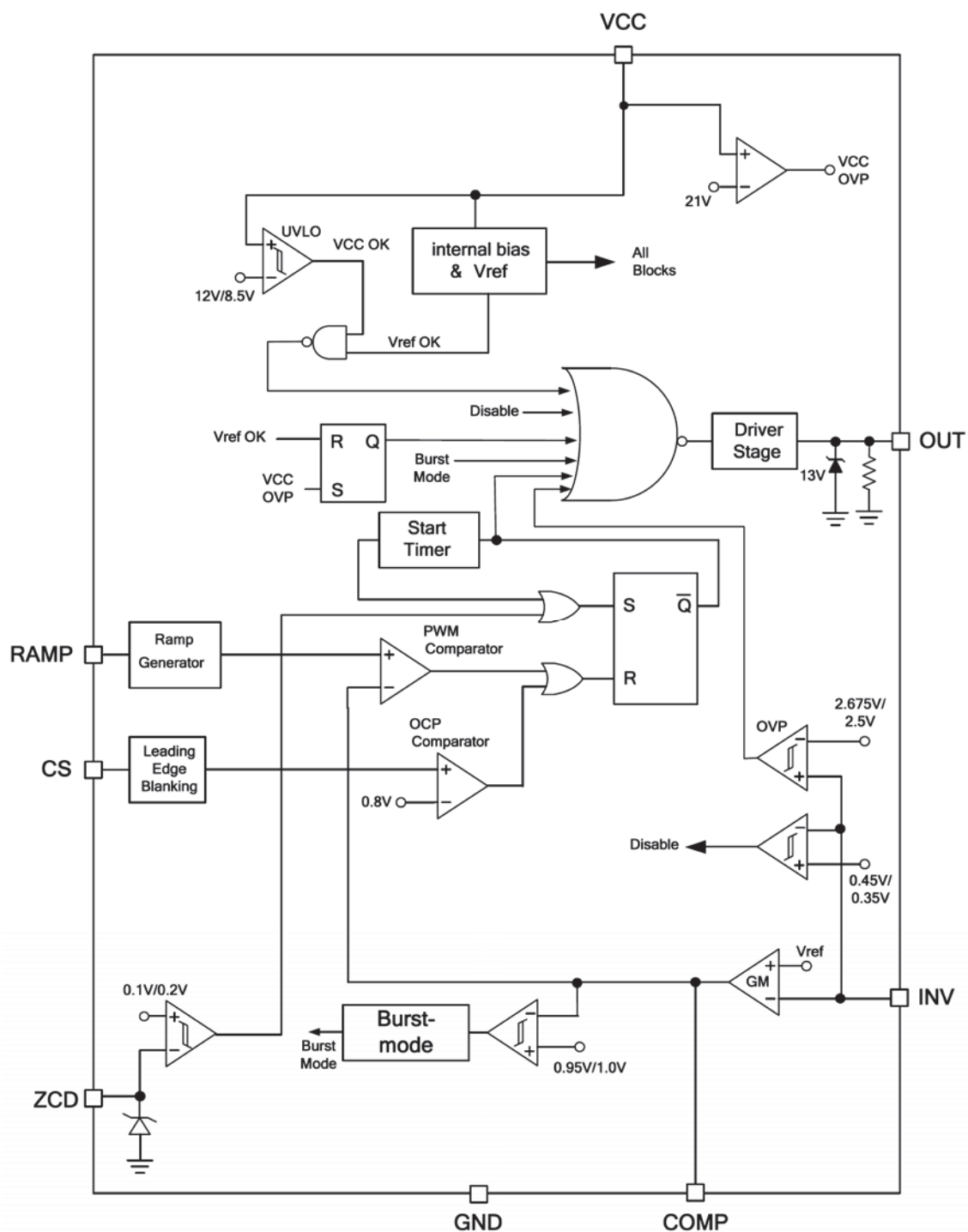


Pin Configuration

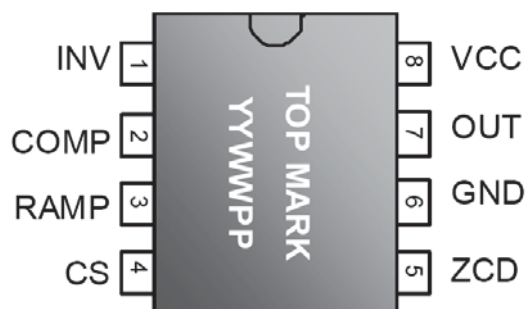


PFC Controller IC LD7591GS

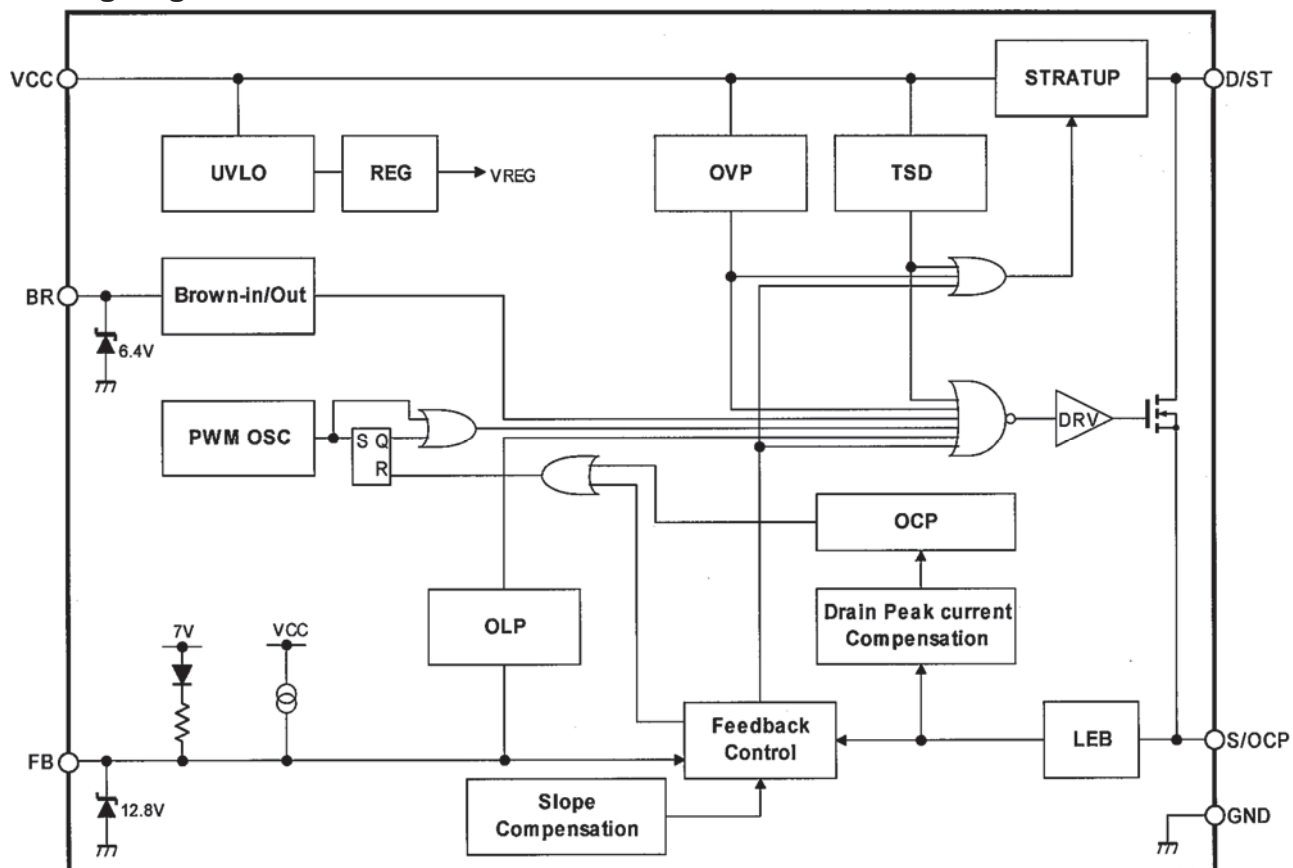
Block Diagram



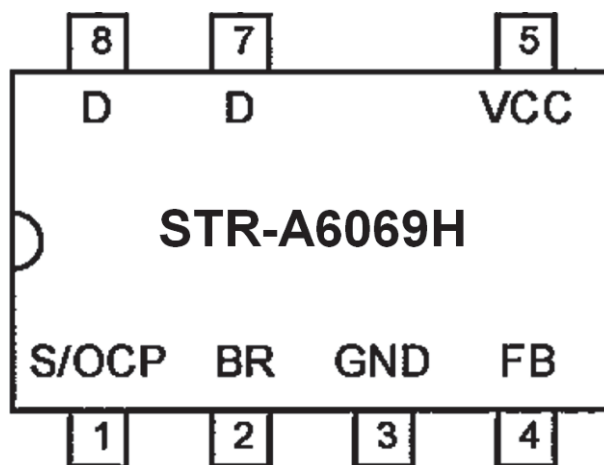
Pin Configuration



Switching Regulator IC STR- A6069H

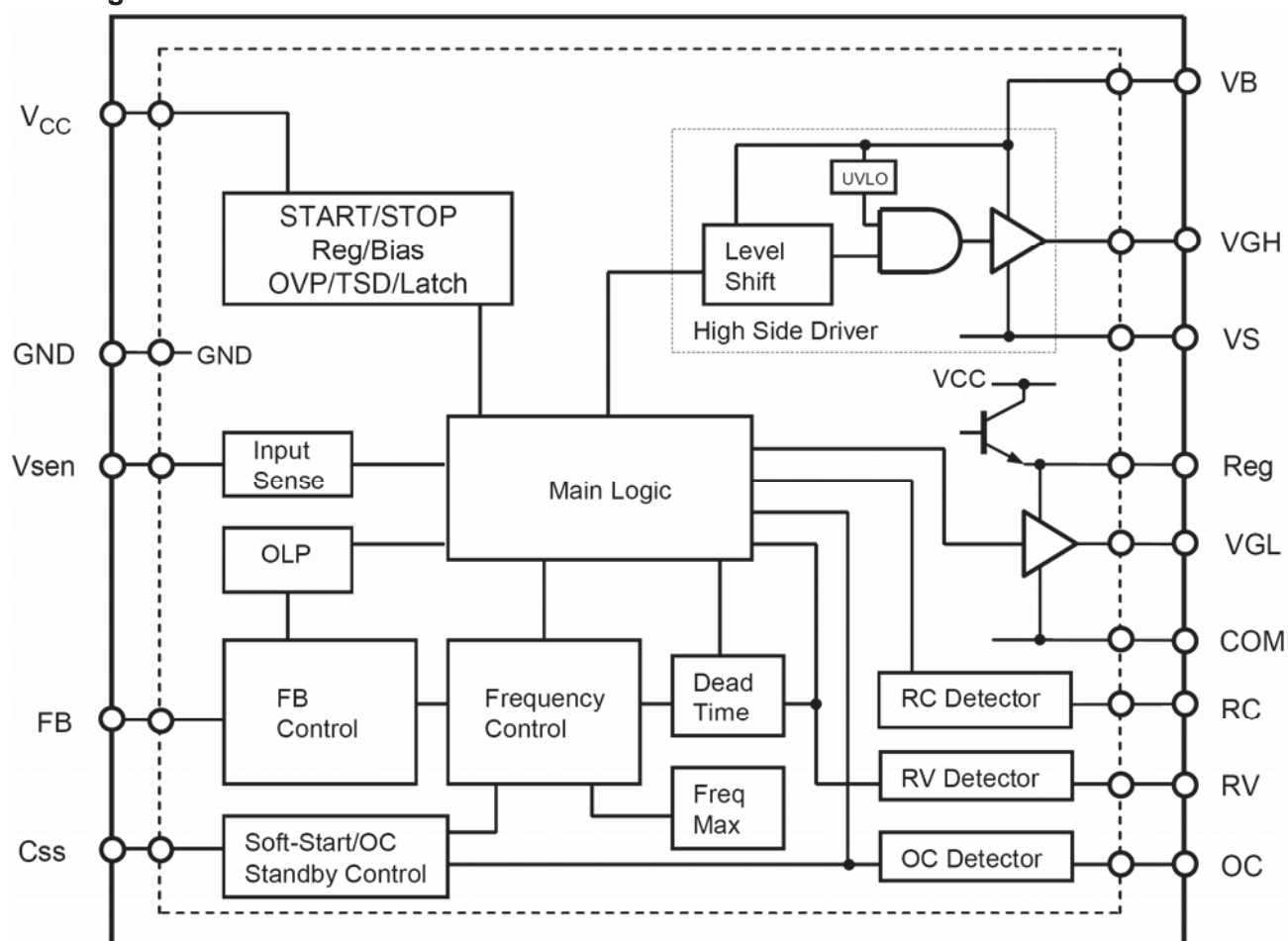


Pin Configuration

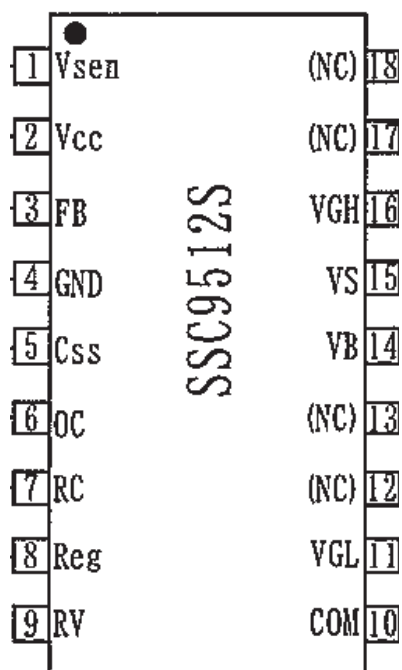


Switching Regulator IC SSC9512S-TL

Block Diagram



Pin Configuration



10. BOM

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

32PFL3390/T3 E32B22NDAMPLNNX

点位	组件	对象描述	备注
	052G 1185 1	BIG TAPE(Y1200141)	
	052G 1186	SMALL TAPE	
	052G 1211 B	CONDUCTIVE TAPE 85MM *40MM *0.09MM	
	052G 2191 A	PAPER TAPE	
ECN602	078G120A 42 M	SPEAKER 16 OHM 12W 140X18 600/350	
ECN701	095G801313W952	HARNESS 13P-13P 390MM	
ECN701	095G801313X952	HARNESS 13P-13P 390MM LCDXXTF0792	2nd source
ECN704	095G8014 5X 68	HARNESS 5P-2+3P 550+320MM LCDXXTF0926	
ECN414	095G801840W935	HARNESS 30P-40P 320MM	
ECN414	095G801840X935	HARNESS 30P-40P 320MM LVDSXTF0282	2nd source
	0M1G1030 6 47 CR3	SCREW	
	0M1G1730 8120	SCREW 3X8	
	0Q1G1030 10 47 CR3	SCREW	
	705TXB34J26	REAR COVER ASS'Y	
	P34E0657ADT 1L01BA	REAR COVER	
	Q36T 600 29 2	NONWOVEN FABRIC	
	Q36T 600 37 19 GP	NONWOVEN FABRIC	
	Q52G1801 TV003	INSULATING SHEET	
	X40G2011 32X09	LABEL IO	
	X40G2011 32X10	LABEL SIDE	
	705TXB34J61	BEZEL ASS'Y	
	P34E0656ADTZ1L01BB	BEZEL	
	P35T0026 4A1C0100	DECO(3800/3390)	
	Q36T 600 36 4 GP	NONWOVEN FABRIC	
	Q36T 600 36 9 GP	NONWOVEN FABRIC	
	705TXB87002	AC SOCKET ASS'Y	
	087G 50149A S	AC SOCKET V/T 2P ST-02BM-AWBS0-0000	
ECN9901	095G8021 2R902	HARNESS 2P 170MM WITH CODE	
ECN9901	095G8021 2X902	HARNESS 2P 170MM POWERTF0016	2nd source
	096G 29 6	H.S. TUBE	
	756TXBCB 2D090 00	MAIN BOARD-CBPFB4HDXA	
U403	056G1133121	IC HY27US08561A-TPCB 256MB TSOP1-48	
U105	056G1133955	IC CAT24C02YI-GT3 TSSOP-8	
U506	056G1133955	IC CAT24C02YI-GT3 TSSOP-8	
U505	056G1133955	IC CAT24C02YI-GT3 TSSOP-8	
U502	056G1133955	IC CAT24C02YI-GT3 TSSOP-8	
U405	056G1133X02	EEPROM CAT24C128YI-GT3 128KB TSSOP8	
SMTF-U403	100TPKVK015DTX	MCU ASS'Y-056G1133121	
SMTF-U405	100TPKVK016DTX	MCU ASS'Y-056G1133X02	
SMTF-U505	100TPKVK08DTD	MCU ASS'Y-056G1133955	
SMTF-U502	100TPKVK08DTD	MCU ASS'Y-056G1133955	

SMTF-U506	100TPKVKC08DTD	MCU ASS'Y-056G1133955	
SMTF-U105	100TPKVKV08DTD	MCU ASS'Y-056G1133955	
	P15T0730101	BRACKET _AC_INLET	
	P40GA00081334A	PASS CARD LABEL	
	P52G1801039	INSULATING PLATE _POWER	
	PLTV1L864XXZ2	POWER BOARD	
	040G 45762412B	CBPC LABEL	
	009G6005 1 GP	GROUND TERMINAL	
CN8101	033G380212H	WAFER 2.0MM 12P	
IC9802	056G 139 3B	IC PC123Y82FZ0F	
IC9302	056G 139 3B	IC PC123Y82FZ0F	
IC9202	056G 139 3B	IC PC123Y82FZ0F	
IC9102	056G 139 3B	IC PC123Y82FZ0F	
IC9301	056G 379121	IC STR- A6069H DIP-8	
Q9103	057G 611 9	MOSFET 2SK4097LS-MG5 9.5 500 TO-220FI	
Q9102	057G 611 9	MOSFET 2SK4097LS-MG5 9.5 500 TO-220FI	
Q9202	057G 667942	MOSFET 2SK4101FS-V 7 680 TO-220F	
Q9201	057G 667942	MOSFET 2SK4101FS-V 7 680 TO-220F	
RV9901	061G 46 20 W	VARISTOR 560V 10% 14*5	
NR9901	061G 58259LXW 5A	NTCR 2.5R 15% 2.4W	
NR9801	061G 58259LXW 5A	NTCR 2.5R 15% 2.4W	
R9801	061G153M10059B SY	RST MOF 10R 5% 3WS PITCH=20MM	
R9808	061G153M10859B SY	RST MOF 0.1R 5% 3WS PITCH=20MM	
R9312	061G1SWJ12952T SY	RST NWR 1.2R 5% 1W	
C9902	063G107K474AUZ E	CAP X2 470NF 10% 305V	
C9901	063G107K474AUZ E	CAP X2 470NF 10% 305V	
C9801	063G210K684BZU E	CAP MPP 680NF 10% 520V BULK (B)	
C9212	063G211J2735ZU E	CAP MPP 27NF 5% 1KV BULK (B)	
C9107	063G211J3334ZU E	CAP MPP 33NF 5% 630V	
C9101	065G 1M1033ZS	CAP CER 10NF 20% 1KV Y5U	
C9313	065G 1M1033ZS	CAP CER 10NF 20% 1KV Y5U	
C9111	065G 3J1006ES	CAP CER 10PF J 3KV SL	
C9216	065G 3J1006ES	CAP CER 10PF J 3KV SL	
C9912	065G306K1012BS	CAP Y1 100PF 10% 250V Y5P	
C9913	065G306K1012BS	CAP Y1 100PF 10% 250V Y5P	
C9914	065G306K3312BS	CAP Y1 330PF 10% 250V Y5P	
C9911	065G306K3312BS	CAP Y1 330PF 10% 250V Y5P	
C9314	065G306K4712ZS	CAP Y1 470PF 10% 250V Y5P	
C9102	065G306K6812ZS	CAP Y1 680PF 10% 250V Y5P	
C9812	065G306M1023ZS	CAP Y1 1NF 20% 250V Y5U	
C9803	067G 42Z47015K	EC 47UF 20% 450V LF 10*50	
C9802	067G 42Z47015K	EC 47UF 20% 450V LF 10*50	
C9106	067G515Z391 8K	EC 390UF 20% 63V 10*35	
FB9801	071G 55906	FERRITE CORE 510R C8B R6H 6X9.2(A)	
L9902	073G 174231 H	LINE FILTER 12MH MIN LCL-11816 HA	
L9901	073G 174231 H	LINE FILTER 12MH MIN LCL-11816 HA	
L9801	073G 174234YS1	PFC CHOKE 270UH 10% YS04120090	

L9201	073G 253 91 H2	CHOKE COIL 3.5UH 10% ,HF	
L9202	073G 253 91 H2	CHOKE COIL 3.5UH 10% ,HF	
L9301	073G 253 91 H2	CHOKE COIL 3.5UH 10% ,HF	
T9101	080GL32P 83 H	X'FMR 550UH 10% 210UH BCK-14021-HA EFD40	
T9201	080GL32P 87 H	X'FMR 1.6MH 10% 300UH BCK-14023-HA EFD40	
T9301	080GL52P 38YS1	X'FMR 1MH 10% 74UH YS04160345 EFD2328	
D9801	093G 52910	RECTIFIER 1N5408-11 3A 1000V DO-201AD	
D9102	093G 60973	RECTIFIER SF35G-06-X0 3A 300V DO-201AD	
D9101	093G 60973	RECTIFIER SF35G-06-X0 3A 300V DO-201AD	
CN9401	311GW250B13BBX	WAFER 2.5MM 13P R/A 35MM 7MM	
CN9901	311GW792B02ABX	WAFER 7.92MM 2P W7913-02RVA-S02	
	705TXA93118	D9201 ASS'Y	
D9204	093G 60323	DIODE FCHS30A08 30A/80V TO-220AB	
D9204	093G 60324	SCHOTTKY FMWN-2308 30A 80V TO-220	
D9201	093G 60931	DIODE MBRF1560CT ITO-220AB	
D9201	093G1506 2	SCHOTTKY FMW-2156 15A 60V TO-220	
	0M1G 930 8120	SCREW 3X8	
HS9202	Q90T0194 3	HEAT SINK	
	705TXA93119	D9302 ASS'Y	
D9302	093G 60931	DIODE MBRF1560CT ITO-220AB	
D9302	093G1506 2	SCHOTTKY FMW-2156 15A 60V TO-220	
	0M1G 930 8120	SCREW 3X8	
HS9301	Q90T0195 2	HEAT SINK	
	705TXA93121	BD9901 ASS'Y	
BD9901	093G 50460932	BRIDGE TS10B06G-04 X0 10A 800V KBJ	
BD9901	093G 50460941	BRIDGE KBJ1008G-F 10A 800V KBJ	
	0M1G 930 8120	SCREW 3X8	
HS9901	Q90T0194 3	HEAT SINK	
	705TXA93220	Q9801 ASS'Y	
Q9801	057G 667 24	STP20NM60FP TO-220FP ST	
Q9801	057G 667932	MOSFET TK15A60U SC-67	
D9802	093G 52 56	DIODE FMN-1106S 10A/600V TO-220	
D9802	093G 64907	SWITCHING UD1006FR-H 10A 600V TO-220F	
	0M1G 930 8120	SCREW 3X8	
HS9801	Q90T0194 4	HEAT SINK	
IC9303	056G 158501	IC AS431AN-E1 SOT23	
IC9801	056G 379172	IC LD7591GS SOP-8	
IC9101	056G 379176	IC SSC9512S-TL SOP-18	
IC9201	056G 379176	IC SSC9512S-TL SOP-18	
IC8102	056G 700 17	TEST ONLY LED DRIVER PF7004S SOP-16	
Q8109	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q9203	057G 417525	SMALLTRAN MMBT3904 200MA 40V SOT-23	
Q9803	057G 417525	SMALLTRAN MMBT3904 200MA 40V SOT-23	
Q9802	057G 419912 T	TRANSISTOR 2SD1624T-TD-E PCP	
Q9301	057G 759 2	RK7002FD5T116 SOT-23 BY ROHM	
Q8104	057G 763 6	AO4828 SOIC-8 BY AOS	
Q8103	057G 763 6	AO4828 SOIC-8 BY AOS	

Q8102	057G 763 6	AO4828 SOIC-8 BY AOS	
Q8101	057G 763 6	AO4828 SOIC-8 BY AOS	
Q8101	057G 763116	MOSFET EMB60A06G 5A 60V SOP8	
Q8102	057G 763116	MOSFET EMB60A06G 5A 60V SOP8	
Q8103	057G 763116	MOSFET EMB60A06G 5A 60V SOP8	
Q8104	057G 763116	MOSFET EMB60A06G 5A 60V SOP8	
Q9301	057G 763511	MOSFET SRK7002LT1G SOT-23 LRC	
Q9101	057G 763904	TRA FET 2N7002 SOT-23 PHILIPS	
R9127	061G0805000 JI	RST 0805 MAX0.05R 5% 1/8W TA-I	
R8142	061G0805000 JI	RST 0805 MAX0.05R 5% 1/8W TA-I	
R8141	061G0805000 JI	RST 0805 MAX0.05R 5% 1/8W TA-I	
R9127	061G0805000 JT	RST 0805 0.05R MAX 1/8W	
R8142	061G0805000 JT	RST 0805 0.05R MAX 1/8W	
R8141	061G0805000 JT	RST 0805 0.05R MAX 1/8W	
R9119	061G0805100 JF	RST CHIPR 10 OHM +-5% 1/8W FENGHUA	
R9123	061G0805100 JF	RST CHIPR 10 OHM +-5% 1/8W FENGHUA	
R9217	061G0805100 JF	RST CHIPR 10 OHM +-5% 1/8W FENGHUA	
R9221	061G0805100 JF	RST CHIPR 10 OHM +-5% 1/8W FENGHUA	
R9221	061G0805100 JI	RST 0805 10R 5% 1/8W TA-I	
R9217	061G0805100 JI	RST 0805 10R 5% 1/8W TA-I	
R9123	061G0805100 JI	RST 0805 10R 5% 1/8W TA-I	
R9119	061G0805100 JI	RST 0805 10R 5% 1/8W TA-I	
R9119	061G0805100 JT	RST CHIP 10R 1/8W 5% TZAI YUAN	
R9123	061G0805100 JT	RST CHIP 10R 1/8W 5% TZAI YUAN	
R9217	061G0805100 JT	RST CHIP 10R 1/8W 5% TZAI YUAN	
R9221	061G0805100 JT	RST CHIP 10R 1/8W 5% TZAI YUAN	
R8118	061G08051003FF	RST CHIPR 100KOHM +-1% 1/8W FENGHUA	
R8118	061G08051003FI	RST 0805 100K 1% 1/8W	
R8118	061G08051003FT	RST CHIP 100K 1/8W 1%	
R8118	061G08051003FY	RST CHIP 100K 1/8W 1%	
R9224	061G0805102 JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA	
R9315	061G0805102 JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA	
R9815	061G0805102 JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA	
R9815	061G0805102 JT	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	
R9815	061G0805102 JT	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	
R9315	061G0805102 JT	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	
R9315	061G0805102 JT	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	
R9224	061G0805102 JT	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	
R9224	061G0805102 JT	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	
R8123	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9816	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9814	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9813	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9806	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9322	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9225	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9222	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	

R8128	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9101	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9102	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9122	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9124	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9220	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9816	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9814	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9813	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9806	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9225	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9222	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9220	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9124	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9122	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9102	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9101	061G0805103 JI	RST 0805 10K 5% 1/8W	
R8128	061G0805103 JI	RST 0805 10K 5% 1/8W	
R8123	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9222	061G0805103 JT	RST 0805 10K 5% 1/8W	
R9225	061G0805103 JT	RST 0805 10K 5% 1/8W	
R9322	061G0805103 JT	RST 0805 10K 5% 1/8W	
R9806	061G0805103 JT	RST 0805 10K 5% 1/8W	
R9813	061G0805103 JT	RST 0805 10K 5% 1/8W	
R9814	061G0805103 JT	RST 0805 10K 5% 1/8W	
R9816	061G0805103 JT	RST 0805 10K 5% 1/8W	
R9220	061G0805103 JT	RST 0805 10K 5% 1/8W	
R9124	061G0805103 JT	RST 0805 10K 5% 1/8W	
R9122	061G0805103 JT	RST 0805 10K 5% 1/8W	
R9102	061G0805103 JT	RST 0805 10K 5% 1/8W	
R9102	061G0805103 JT	RST 0805 10K 5% 1/8W	
R9101	061G0805103 JT	RST 0805 10K 5% 1/8W	
R8128	061G0805103 JT	RST 0805 10K 5% 1/8W	
R8123	061G0805103 JT	RST 0805 10K 5% 1/8W	
R8132	061G0805104 JF	RST CHIPR 100KOHM +-5% 1/8W FENGHUA	
R8121	061G0805104 JF	RST CHIPR 100KOHM +-5% 1/8W FENGHUA	
R8121	061G0805104 JI	RST 0805 100K 5% 1/8W	
R8132	061G0805104 JI	RST 0805 100K 5% 1/8W	
R8121	061G0805104 JY	RST CHIPR 100KOHM 1/8W YAGEO	
R8132	061G0805104 JY	RST CHIPR 100KOHM 1/8W YAGEO	
R8109	061G0805105 JI	RST 0805 1M 5% 1/8W	
R8109	061G0805105 JT	RST CHIP 1M 1/8W 5% TZAI YUAN	
R8126	061G0805122 JF	RST CHIPR 1.2 KOHM +-5% 1/8W FENGHUA	
R8126	061G0805122 JT	RST CHIP 1K2 1/8W 5% TZAI YUAN	
R9811	061G08051302FF	RST CHIPR 13KOHM +-1% 1/8W FENGHUA	
R9811	061G08051302FT	RST CHIP 13K 1/8W 1%	
R9811	061G08051302FY	RST CHIP 13K 1/8W 1%	

R9103	061G08051802FF	RST CHIPR 18KOHM +-1% 1/8W FENGHUA	
R9103	061G08051802FT	RST 0805 18K 1% 1/8W	
R9103	061G08051802FY	RST CHIP 18K 1/8W 1%	
R9113	061G08052001FF	RST CHIPR 2KOHM +-1% 1/8W FENGHUA	
R9212	061G08052001FI	RST CHIPR 2KOHM +-1% 1/8W TA-I	
R9212	061G08052001FT	RST CHIP 2K 1/8W 1%	
R9113	061G08052001FT	RST CHIP 2K 1/8W 1%	
R9113	061G08052001FT	RST CHIP 2K 1/8W 1%	
R9113	061G08052001FY	RST CHIP 2K 1/8W 1%	
R9317	061G0805202 JF	RST CHIPR 2KOHM +-5% 1/8W FENGHUA	
R9818	061G0805202 JF	RST CHIPR 2KOHM +-5% 1/8W FENGHUA	
R9317	061G0805202 JT	RST CHIP 2K 1/8W 5% TZAI YUAN	
R9818	061G0805202 JT	RST CHIP 2K 1/8W 5% TZAI YUAN	
R9818	061G0805202 JY	RST CHIPR 2K 5% 0805 YAGEO	
R9317	061G0805202 JY	RST CHIPR 2K 5% 0805 YAGEO	
R9204	061G08052052FF	RST CHIPR 20.5KOHM +-1% 1/8W FENGHUA	
R9204	061G08052052FT	RST CHIP 20K5 1/8W 1%	
R9204	061G08052052FY	RST CHIP 20K5 1/8W 1%	
R8111	061G0805220 JF	RST CHIPR 22 OHM +-5% 1/8W FENGHUA	
R8112	061G0805220 JF	RST CHIPR 22 OHM +-5% 1/8W FENGHUA	
R8113	061G0805220 JF	RST CHIPR 22 OHM +-5% 1/8W FENGHUA	
R8114	061G0805220 JF	RST CHIPR 22 OHM +-5% 1/8W FENGHUA	
R8114	061G0805220 JI	RST 0805 22R 5% 1/8W	
R8113	061G0805220 JI	RST 0805 22R 5% 1/8W	
R8112	061G0805220 JI	RST 0805 22R 5% 1/8W	
R8111	061G0805220 JI	RST 0805 22R 5% 1/8W	
R8111	061G0805220 JT	RST CHIPR 22OHM +-5% 1/8W TZAI YUAN	
R8112	061G0805220 JT	RST CHIPR 22OHM +-5% 1/8W TZAI YUAN	
R8113	061G0805220 JT	RST CHIPR 22OHM +-5% 1/8W TZAI YUAN	
R8114	061G0805220 JT	RST CHIPR 22OHM +-5% 1/8W TZAI YUAN	
R9314	061G08052401FF	RST CHIPR 2.4KOHM +-1% 1/8W FENGHUA	
R9314	061G08052401FT	RST CHIP R 2K4 +/-1% 1/8W	
R9314	061G08052401FY	RST CHIP 2K4 1/8W 1%	
R9111	061G08052402FF	RST CHIPR 24KOHM +-1% 1/8W FENGHUA	
R9210	061G08052402FF	RST CHIPR 24KOHM +-1% 1/8W FENGHUA	
R9210	061G08052402FT	RST CHIP 24K 1/8W 1%	
R9210	061G08052402FT	RST CHIP 24K 1/8W 1%	
R9111	061G08052402FT	RST CHIP 24K 1/8W 1%	
R9111	061G08052402FT	RST CHIP 24K 1/8W 1%	
R9111	061G08052402FY	RST CHIP 24K 1/8W 1%	
R9210	061G08052402FY	RST CHIP 24K 1/8W 1%	
R9108	061G0805241 JI	RST 0805 240R 5% 1/8W	
R9108	061G0805241 JT	RST CHIP 240R 1/8W 5% TZAI YUAN	
R9218	061G0805243 JF	RST CHIPR 24KOHM +-5% 1/8W FENGHUA	
R9218	061G0805243 JT	RST CHIP 24K 1/8W 5% TZAI YUAN	
R9208	061G0805271 JI	RST CHIPR 270R 1/8W +-5% TA-I	
R9208	061G0805271 JT	RST CHIP 270R 1/8W 5% TZAI YUAN	

R9817	061G0805273 JF	RST CHIPR 27KOHM +-5% 1/8W FENGHUA	
R9817	061G0805273 JT	RST CHIP 27K 1/8W 5% TZAI YUAN	
R9209	061G08053001FF	RST CHIPR 3KOHM +-1% 1/8W	
R9109	061G08053001FF	RST CHIPR 3KOHM +-1% 1/8W	
R8139	061G08053001FF	RST CHIPR 3KOHM +-1% 1/8W	
R8139	061G08053001FT	RST CHIP R 3K 1/8W +/-1%	
R9109	061G08053001FT	RST CHIP R 3K 1/8W +/-1%	
R9209	061G08053001FT	RST CHIP R 3K 1/8W +/-1%	
R9109	061G08053001FY	RST CHIP R 3K 1/8W +/-1%	
R9209	061G08053001FY	RST CHIP R 3K 1/8W +/-1%	
R9126	061G08053002FI	RST 0805 30K 1% 1/8W	
R9114	061G08053002FI	RST 0805 30K 1% 1/8W	
R9114	061G08053002FT	RST CHIP 30K 1/8W 1%	
R9126	061G08053002FT	RST CHIP 30K 1/8W 1%	
R9319	061G08053601FI	RST 0805 3.6K 1% 1/8W	
R9319	061G08053601FT	RST CHIP 3K6 1/8W 1%	
R9812	061G08053602FF	RST CHIPR 36KOHM +-1% 1/8W FENGHUA	
R9110	061G08053602FI	RST CHIPR 36 KOHM +-1% 1/8W 0805	
R9812	061G08053602FT	RST CHIP 36K 1/8W 1%	
R9110	061G08053602FT	RST CHIP 36K 1/8W 1%	
R9121	061G0805470 JF	RST CHIPR 47OHM +-5% 1/8W FENGHUA	
R9125	061G0805470 JF	RST CHIPR 47OHM +-5% 1/8W FENGHUA	
R9219	061G0805470 JF	RST CHIPR 47OHM +-5% 1/8W FENGHUA	
R9223	061G0805470 JF	RST CHIPR 47OHM +-5% 1/8W FENGHUA	
R9121	061G0805470 JI	RST CHIPR 47 OHM +-5% 1/8W 0805	
R9125	061G0805470 JI	RST CHIPR 47 OHM +-5% 1/8W 0805	
R9219	061G0805470 JI	RST CHIPR 47 OHM +-5% 1/8W 0805	
R9223	061G0805470 JI	RST CHIPR 47 OHM +-5% 1/8W 0805	
R9121	061G0805470 JT	RST CHIPR 47OHM +-5% 1/8W TZAI YUAN	
R9125	061G0805470 JT	RST CHIPR 47OHM +-5% 1/8W TZAI YUAN	
R9219	061G0805470 JT	RST CHIPR 47OHM +-5% 1/8W TZAI YUAN	
R9223	061G0805470 JT	RST CHIPR 47OHM +-5% 1/8W TZAI YUAN	
R9207	061G08054701FF	RST CHIPR 4.7KOHM +-1% 1/8W FENGHUA	
R9207	061G08054701FT	RST CHIP 4K7 1/8W 1%	
R9207	061G08054701FY	RST CHIP 4K7 1/8W 1%	
R9106	061G0805471 JF	RST CHIPR 470 OHM +-5% 1/8W FENGHUA	
R9810	061G0805471 JF	RST CHIPR 470 OHM +-5% 1/8W FENGHUA	
R9106	061G0805471 JI	RST 0805 470R 5% 1/8W	
R9810	061G0805471 JI	RST 0805 470R 5% 1/8W	
R9810	061G0805471 JT	RST CHIPR 470OHM +-5% 1/8W TZAI YUAN	
R9106	061G0805471 JT	RST CHIPR 470OHM +-5% 1/8W TZAI YUAN	
R9802	061G0805510 JF	RST CHIPR 51OHM +-5% 1/8W FENGHUA	
R9803	061G0805510 JF	RST CHIPR 51OHM +-5% 1/8W FENGHUA	
R9802	061G0805510 JT	RST CHIPR 51OHM +-5% 1/8W TZAI YUAN	
R9803	061G0805510 JT	RST CHIPR 51OHM +-5% 1/8W TZAI YUAN	
R9112	061G08055101FF	RST CHIPR 5.1KOHM +-1% 1/8W FENGHUA	
R9211	061G08055101FF	RST CHIPR 5.1KOHM +-1% 1/8W FENGHUA	

R9211	061G08055101FI	RST CHIPR 5.1 KOHM +-1% 1/8W 0805	
R9112	061G08055101FI	RST CHIPR 5.1 KOHM +-1% 1/8W 0805	
R9112	061G08055101FT	RST CHIP 5K1 1/8W 1%	
R9211	061G08055101FT	RST CHIP 5K1 1/8W 1%	
R8144	061G0805511 JF	RST CHIPR 510OHM +-5% 1/8W FENGHUA	
R8133	061G0805511 JT	RST CHIPR 510OHM +-5% 1/8W TZAI YUAN	
R8144	061G0805511 JT	RST CHIPR 510OHM +-5% 1/8W TZAI YUAN	
R9321	061G08055601FI	RST CHIPR 5.6 KOHM +-1% 1/8W 0805	
R9321	061G08055601FT	RST CHIPR 5K6 +-1% 1/8W TZAI YUAN	
R9203	061G08055602FF	RST CHIPR 56KOHM +-1% 1/8W FENGHUA	
R9203	061G08055602FI	RST CHIPR 56 KOHM +-1% 1/8W 0805	
R9203	061G08055602FT	RST CHIP R 56K 1/8W +/-1%	
R9320	061G0805564 JF	RST CHIPR 560KOHM +-5% 1/8W FENGHUA	
R9320	061G0805564 JT	RST CHIPR 560K +-5% 1/8W TZAI YUAN	
R9107	061G0805622 JF	RST CHIPR 6.2KOHM +-5% 1/8W FENGHUA	
R9107	061G0805622 JT	RST CHIPR 6K2 +-5% 1/8W TZAI YUAN	
R9206	061G0805681 JF	RST CHIPR 680OHM +-5% 1/8W FENGHUA	
R9206	061G0805681 JT	RST CHIPR 680OHM +-5% 1/8W TZAI YUAN	
R8140	061G0805753 JF	RST CHIPR 75KOHM +-5% 1/8W FENGHUA	
R8140	061G0805753 JT	RST CHIPR 75K +-5% 1/8W TZAI YUAN	
JR8101	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	
JR8102	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	
JR8103	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	
JR9801	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	
JR9803	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	
JR9804	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	
JR9805	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	
JR9806	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	
JR9807	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	
JR9808	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	
JR9810	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	
JR9811	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	
JR9812	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	
JR9813	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	
JR9805	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9805	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9804	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9804	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9803	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9803	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9801	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9801	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR8103	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR8103	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR8102	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR8102	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR8101	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	

JR8101	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9813	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9813	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9812	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9812	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9811	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9811	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9810	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9810	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9808	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9808	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9807	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9807	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9806	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR9806	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR8101	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR8102	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR8103	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR9801	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR9803	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR9804	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR9805	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR9806	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR9807	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR9808	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR9810	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR9811	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR9812	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR9813	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
R9307	061G1206104 JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA	
R9306	061G1206104 JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA	
R9304	061G1206104 JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA	
R9303	061G1206104 JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA	
R9303	061G1206104 JI	RST 1206 100K 5% 1/4W	
R9304	061G1206104 JI	RST 1206 100K 5% 1/4W	
R9306	061G1206104 JI	RST 1206 100K 5% 1/4W	
R9307	061G1206104 JI	RST 1206 100K 5% 1/4W	
R9303	061G1206104 JT	RST CHIPR 100KOHM +-5% 1/4W TZAI YUAN	
R9307	061G1206104 JT	RST CHIPR 100KOHM +-5% 1/4W TZAI YUAN	
R9306	061G1206104 JT	RST CHIPR 100KOHM +-5% 1/4W TZAI YUAN	
R9304	061G1206104 JT	RST CHIPR 100KOHM +-5% 1/4W TZAI YUAN	
R9309	061G1206155 JF	RST CHIPR 1.5MOHM +-5% 1/4W FENGHUA	
R9313	061G1206155 JF	RST CHIPR 1.5MOHM +-5% 1/4W FENGHUA	
R9316	061G1206155 JF	RST CHIPR 1.5MOHM +-5% 1/4W FENGHUA	
R9316	061G1206155 JT	RST CHIPR 1.5MOHM +-5% 1/4W TZAI YUAN	
R9309	061G1206155 JT	RST CHIPR 1.5MOHM +-5% 1/4W TZAI YUAN	
R9313	061G1206155 JT	RST CHIPR 1.5MOHM +-5% 1/4W TZAI YUAN	

R9214	061G12062004FF	RST CHIPR 2MOHM 1% 1/4W FENGHUA	
R9215	061G12062004FF E	HITACHI-ASSIGN RST CHIP 2M 1% 1/16W	
R9216	061G12062004FF E	HITACHI-ASSIGN RST CHIP 2M 1% 1/16W	
R9216	061G12062004FT	RST CHIP R 2MOHM 1/4W +/-1%	
R9214	061G12062004FT	RST CHIP R 2MOHM 1/4W +/-1%	
R9215	061G12062004FT	RST CHIP R 2MOHM 1/4W +/-1%	
R9805	061G1206203 JF	RST CHIPR 20KOHM +-5% 1/4W FENGHUA	
R9805	061G1206203 JI	RST 20K OHM 5% 1/4W TA-I	
R9805	061G1206203 JT	RST CHIPR 20KOHM +-5% 1/4W TZAI YUAN	
R9310	061G1206221 JF	RST CHIPR 220 OHM +-5% 1/4W FENGHUA	
R9310	061G1206221 JT	RST CHIPR 220 OHM +-5% 1/4W TZAI YUAN	
R9310	061G1206221 JY	RST CHIPR 220R +-5% 1/4W YAGEO	
R9902	061G1206334 JI	RST 330K OHM 5% 1/4W TA-I	
R9901	061G1206334 JI	RST 330K OHM 5% 1/4W TA-I	
R9903	061G1206334 JI	RST 330K OHM 5% 1/4W TA-I	
R9903	061G1206334 JT	RST CHIPR 330 KOHM +-5% 1/4W TZAI YUAN	
R9902	061G1206334 JT	RST CHIPR 330 KOHM +-5% 1/4W TZAI YUAN	
R9901	061G1206334 JT	RST CHIPR 330 KOHM +-5% 1/4W TZAI YUAN	
R9308	061G1206339 JF	RST CHIPR 3.3 OHM +-5% 1/4W FENGHUA	
R9308	061G1206339 JI	RST 3.3 OHM 5% 1/4W TA-I	
R9308	061G1206339 JT	RST CHIPR 3.3 OHM +-5% 1/4W TZAI YUAN	
R9104	061G12063602FF	RST CHIPR 36KOHM +-1% 1/4W FENGHUA	
R9104	061G12063602FT	RST CHIPR 36K +-1% 1/4W TZAI YUAN	
R9302	061G1206470 JF	RST CHIPR 47 OHM +-5% 1/4W FENGHUA	
R9305	061G1206470 JF	RST CHIPR 47 OHM +-5% 1/4W FENGHUA	
R9302	061G1206470 JT	RST CHIPR 47 OHM +-5% 1/4W TZAI YUAN	
R9305	061G1206470 JT	RST CHIPR 47 OHM +-5% 1/4W TZAI YUAN	
R9318	061G1206475 JF	RST CHIPR 4.7 MOHM +-5% 1/4W FENGHUA	
R9318	061G1206475 JT	RST CHIPR 4.7 MOHM +-5% 1/4W TZAI YUAN	
R9201	061G1206562 JF	RST CHIPR 5.6KOHM +-5% 1/4W FENGHUA	
R9202	061G1206562 JF	RST CHIPR 5.6KOHM +-5% 1/4W FENGHUA	
R9201	061G1206562 JT	RST 1206 5.6K 5% 1/4W TZAI YUAN	
R9202	061G1206562 JT	RST 1206 5.6K 5% 1/4W TZAI YUAN	
R9128	061G12066202FI	RST 1206 62K 1% 1/4W	
R9129	061G12066202FI	RST 1206 62K 1% 1/4W	
R9130	061G12066202FI	RST 1206 62K 1% 1/4W	
R9131	061G12066202FI	RST 1206 62K 1% 1/4W	
R9128	061G12066202FT	RST 1206 62K 1/4W 1% TZAI YUAN	
R9129	061G12066202FT	RST 1206 62K 1/4W 1% TZAI YUAN	
R9130	061G12066202FT	RST 1206 62K 1/4W 1% TZAI YUAN	
R9131	061G12066202FT	RST 1206 62K 1/4W 1% TZAI YUAN	
R9804	061G12066803FF	RST CHIPR 680KOHM +-1% 1/4W FENGHUA	
R9807	061G12066803FF	RST CHIPR 680KOHM +-1% 1/4W FENGHUA	
R9809	061G12066803FF	RST CHIPR 680KOHM +-1% 1/4W FENGHUA	
R9804	061G12066803FT	RST CHIP 680K 1/4W 1%	
R9807	061G12066803FT	RST CHIP 680K 1/4W 1%	
R9809	061G12066803FT	RST CHIP 680K 1/4W 1%	

R9804	061G12066803FY		RST CHIPR 680KOHM +-1% 1/4W YAGEO	
R9807	061G12066803FY		RST CHIPR 680KOHM +-1% 1/4W YAGEO	
R9809	061G12066803FY		RST CHIPR 680KOHM +-1% 1/4W YAGEO	
R9205	061G1206759 JF		RST CHIPR 7.5 OHM +-5% 1/4W FENGHUA	
R9105	061G1206759 JF		RST CHIPR 7.5 OHM +-5% 1/4W FENGHUA	
R9105	061G1206759 JI		RST 7.5 OHM 5% 1/4W TA-I	
R9205	061G1206759 JI		RST 7.5 OHM 5% 1/4W TA-I	
R9105	061G1206759 JT		RST CHIPR 7.5 OHM +-5% 1/4W TZAI YUAN	
R9205	061G1206759 JT		RST CHIPR 7.5 OHM +-5% 1/4W TZAI YUAN	
C9309	065G060310232K	Y	CAP CHIP 0603 1N 50V X7R +/-10%	
C9214	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C9103	065G080510232K	F	CAP 0805 1000PF 10% 50V X7R	
C9108	065G080510232K	F	CAP 0805 1000PF 10% 50V X7R	
C9209	065G080510232K	F	CAP 0805 1000PF 10% 50V X7R	
C9213	065G080510232K	F	CAP 0805 1000PF 10% 50V X7R	
C9312	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C9306	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C9222	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C9220	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C9217	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C9210	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C9203	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C9201	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C9115	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C9112	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C9104	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C8102	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C9806	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C9811	065G080510522K	3	CAP CHIP 0805 1U 25V X7R +/-10%	
C9215	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C9211	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C9110	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C9109	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C9105	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C8106	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C9114	065G080522131J	F	CAP CHIP 0805 220PF J 50V NPO	
C9219	065G080522131J	F	CAP CHIP 0805 220PF J 50V NPO	
C9807	065G080522131J	F	CAP CHIP 0805 220PF J 50V NPO	
C9117	065G080522432K	F	CAP 0805 220NF 10% 50V X7R	
C9308	065G080522432K	Y	CAP CHIP 0805 220N 50V X7R +/-10%	
C9311	065G080522432K	Y	CAP CHIP 0805 220N 50V X7R +/-10%	
C9804	065G080547031J	Y	CAP CHIP 0805 47P 50V NP0 +/-5%	
C9808	065G080547031J	Y	CAP CHIP 0805 47P 50V NP0 +/-5%	
C9809	065G080547332K	F	CAP CHIP 0805 47NF K 50V X7R	
C9810	065G080547422K	Y	CAP CHIP 0805 0.47UF K 25V X7R	
C9302	065G120622272K	Y	CER 1206 2N2 500V X7R 10%	
C9303	065G1206222B2K	M	CAP 1206 2.2NF 10% 630V X7R	

C9301	065G1206222B2K M	CAP 1206 2.2NF 10% 630V X7R	
D8107	093G 64 38 P	BAW56	
D8106	093G 64 38 P	BAW56	
D8102	093G 64 42 P	BAV70 SOT23 BY PAN JIT	
D8101	093G 64 42 P	BAV70 SOT23 BY PAN JIT	
D9803	093G 60S 15 T	SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9305	093G 60S 15 T	SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9208	093G 60S 15 T	SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9207	093G 60S 15 T	SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9206	093G 60S 15 T	SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9203	093G 60S 15 T	SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9202	093G 60S 15 T	SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9104	093G 60S 15 T	SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9103	093G 60S 15 T	SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
CN9901	006G 31500	EYELET	
IC9103	056G 158 10 T	LDO IC AZ431AZ-AE1 TO-92 150MA 40V TO-92	
IC9203	056G 158 10 T	LDO IC AZ431AZ-AE1 TO-92 150MA 40V TO-92	
R8101	061G 20031652T TZ	RST MF 3.16R 1% 1/4W MF1/4W3R16FT52	
R8102	061G 20031652T TZ	RST MF 3.16R 1% 1/4W MF1/4W3R16FT52	
R8103	061G 20031652T TZ	RST MF 3.16R 1% 1/4W MF1/4W3R16FT52	
R8104	061G 20031652T TZ	RST MF 3.16R 1% 1/4W MF1/4W3R16FT52	
R9115	061G 30310852T GP	FUSER 0.1OHM +-5% 1W	
C9113	065G 2K1019FT6213	100PF K 2KV SL	
C9218	065G 2K1019FT6213	100PF K 2KV SL	
C9202	067G215P1516KT	EC 150UF 20% 35V 10*9	
C9204	067G215P2714KT	EC 270UF 20% 25V 10*9	
C9205	067G215P2714KT	EC 270UF 20% 25V 10*9	
FB9302	071G 55 23 S	FERRITE BEAD LB 3.5*0.8*7.5A	
FB9802	071G 55 23 S	FERRITE BEAD LB 3.5*0.8*7.5A	
FB9101	071G 55 29	FERRITE BEAD	
FB9102	071G 55 29	FERRITE BEAD	
FB9301	071G 55 29	FERRITE BEAD	
FB9803	071G 55 29	FERRITE BEAD	
FB9904	071G 55 29	FERRITE BEAD	
F9901	084G 56 4 B	FUSE 4A 250V	
ZD9104	093G 3916652T	MTZJ15B (13.89-14.62)	
ZD9201	093G 3916652T	MTZJ15B (13.89-14.62)	
ZD9801	093G 3916752T	MTZJ T-72 16B	
ZD9203	093G 3917152T	TZJ T-72 30B	
ZD9204	093G 3918252T	ZENER MTZJ T-72 18B 16.82 0.5 DO-34	
ZD9101	093G 3958352T	ZENER GDZJ13B BY PANJIT	
ZD9102	093G 3958352T	ZENER GDZJ13B BY PANJIT	
D9105	093G 52 6452T	RECTIFIER EG01AV1 0.5A 600V AXIAL-LEAD	
D9205	093G 52 6452T	RECTIFIER EG01AV1 0.5A 600V AXIAL-LEAD	
ZD9202	093G 39G 6	DIODE MTZJ27B DO-34	
D9304	093G110050152T	DIODE PR1007 1A/1000V 500NS DO-41	
D9303	093G110050152T	DIODE PR1007 1A/1000V 500NS DO-41	

D9301	093G110050152T	DIODE PR1007 1A/1000V 500NS DO-41	
J8119	095G 90 23	JUMPER WIRE	
J8120	095G 90 23	JUMPER WIRE	
J8121	095G 90 23	JUMPER WIRE	
J8122	095G 90 23	JUMPER WIRE	
J8123	095G 90 23	JUMPER WIRE	
J8124	095G 90 23	JUMPER WIRE	
J8125	095G 90 23	JUMPER WIRE	
J8126	095G 90 23	JUMPER WIRE	
J8127	095G 90 23	JUMPER WIRE	
J8128	095G 90 23	JUMPER WIRE	
J8129	095G 90 23	JUMPER WIRE	
J8130	095G 90 23	JUMPER WIRE	
J8118	095G 90 23	JUMPER WIRE	
J8105	095G 90 23	JUMPER WIRE	
J8106	095G 90 23	JUMPER WIRE	
J8107	095G 90 23	JUMPER WIRE	
J8108	095G 90 23	JUMPER WIRE	
J8109	095G 90 23	JUMPER WIRE	
J8110	095G 90 23	JUMPER WIRE	
J8112	095G 90 23	JUMPER WIRE	
J8113	095G 90 23	JUMPER WIRE	
J8114	095G 90 23	JUMPER WIRE	
J8115	095G 90 23	JUMPER WIRE	
J8116	095G 90 23	JUMPER WIRE	
J8117	095G 90 23	JUMPER WIRE	
J9812	095G 90 23	JUMPER WIRE	
J9813	095G 90 23	JUMPER WIRE	
J9814	095G 90 23	JUMPER WIRE	
J9815	095G 90 23	JUMPER WIRE	
J9816	095G 90 23	JUMPER WIRE	
J9817	095G 90 23	JUMPER WIRE	
J9818	095G 90 23	JUMPER WIRE	
J9819	095G 90 23	JUMPER WIRE	
J9820	095G 90 23	JUMPER WIRE	
J9821	095G 90 23	JUMPER WIRE	
J9822	095G 90 23	JUMPER WIRE	
J9823	095G 90 23	JUMPER WIRE	
J9824	095G 90 23	JUMPER WIRE	
J9825	095G 90 23	JUMPER WIRE	
J8131	095G 90 23	JUMPER WIRE	
J8132	095G 90 23	JUMPER WIRE	
J8133	095G 90 23	JUMPER WIRE	
J8134	095G 90 23	JUMPER WIRE	
J9801	095G 90 23	JUMPER WIRE	
J9802	095G 90 23	JUMPER WIRE	
J9803	095G 90 23	JUMPER WIRE	

J9804	095G 90 23	JUMPER WIRE	
J9805	095G 90 23	JUMPER WIRE	
J9806	095G 90 23	JUMPER WIRE	
J9807	095G 90 23	JUMPER WIRE	
J9809	095G 90 23	JUMPER WIRE	
J9810	095G 90 23	JUMPER WIRE	
J9811	095G 90 23	JUMPER WIRE	
J8104	095G 90 23	JUMPER WIRE	
J8103	095G 90 23	JUMPER WIRE	
J8102	095G 90 23	JUMPER WIRE	
J8101	095G 90 23	JUMPER WIRE	
R9301	061G 30347852T GP	RST FUSER 0.47 OHM +-5% 1W	
ZD8106	093G 3998152T	ZENER GDZJ4.3B 4.3V 0.5W DO-35	
J8135	095G 90 23	JUMPER WIRE	
J8136	095G 90 23	JUMPER WIRE	
J8137	095G 90 23	JUMPER WIRE	
J8138	095G 90 23	JUMPER WIRE	
J8139	095G 90 23	JUMPER WIRE	
J8140	095G 90 23	JUMPER WIRE	
E715	715G4581P01W31003S	POWER BOARD PCB	
C9304	067G204S4712KT	CAP CS 470UF 20% 10V 8*7 2000 HR	
C9305	067G204S4712KT	CAP CS 470UF 20% 10V 8*7 2000 HR	
C9315	067G204S4712KT	CAP CS 470UF 20% 10V 8*7 2000 HR	
C9307	067G215P1017KT	EC 100UF 20% 50V 10*9	
C9116	067G215C4797KT	EC 4.7UF 20% 50V 8*9 2000 HR	
C9221	067G215C4797KT	EC 4.7UF 20% 50V 8*9 2000 HR	
C9206	067G215P1017KT	EC 100UF 20% 50V 10*9	
C8105	067G215C1007KT	EC 10UF 20% 50V 8*9 2000 HR	
C9310	067G215C1007KT	EC 10UF 20% 50V 8*9 2000 HR	
C9805	067G215C1007KT	EC 10UF 20% 50V 8*9 2000 HR	
C9207	067G215D1514HT	EC 150UF 20% 25V 8*7 3000 HR	
	PTPFBXA2	MEMC BOARD	
CN7001	311GW250B05BBX	WAFER 2.5MM 5P W2415-05RVA-S01-A	
	709T4858 XM001	COMSUPTIVE ASS'Y	
	055G 23524	WELDING FLUX WITHOUT PB	
	Q55G 100625	TIN STICK_LOW ARGENTUM	
Q4401	057G 417517	TRA LMBT3906LT1G -200MA/-40V SOT-23 LRC	
TH4401	061G 52902	PTC CHIP 8V 0R4 KMC4S075RY	
R4401	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R4402	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R4403	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
C4401	065G040210412K Y	CAP 0402 100NF 10% 16V X7R	
CN7003	311GW100B05ACH	WAFER 1.0MM 5P A1001WV-S-05P	
	709T4858 XS001	COMSUPTIVE ASS'Y	
E715	715G4858T01000004S	MEMC BOARD PCB	
	Q02G7022 2	SCREW-STOPPER	
	Q36T 600 37 31 GP	NONWOVEN FABRIC	

	Q45G 77 5	PE PACKING (Y1900241)	
	Q45G9901 TV010	P.E. BAG 1000 680 0.02+0.3 0.02	
	Q50G 4 10	TIE (Y1900221)	
	Q50T 500523	CABLE TIE	
	Q52G1501150523 W	INSULATING PLATE	
	TPT315B5L02AA00LX0	PANEL TPT315B5-L02 C1E XM TPV	
	X15T8176101	BRACKET	
	X15T8177101	BRACKET	
	X15T8177201	BRACKET	
	X15T8178101	BRACKET	
	X15T8179101	BRACKET	
	X44GJA18101	PHILIPS EBONY 3500 32" CUSHION-TL EPS	
	X44GJA18202	CUSHION-TR EPS	
	X44GJA18302	CUSHION-BL EPS	
	X44GJA18401	PHILIPS EBONY 3500 32" CUSHION-BR EPS	
	X44GJA18813 6A	CARTON	
	089G214A18N HL	AC POWER CORD 1800	
	092GB1JX1A3EGC	BATTERY 1.5V BATTERY LR03	
E09801	098GR7BD3NCPHJ	REMOTE PHILIPS RC-A6070-420	
E09801	098GR7BD3NCPHT	REMOTE CONTROL YKF230-013	
	Q45G2010M0101A	PE BAG FOR MANUAL	
	X41G32MV81310A	32_42PFL3390 MANUAL	
	X41G78DV813 1A	CARD	
	X41G78SV81319A	32_42PFL3390 QSG	
	026G 800700 1A	BARCODE LABEL	
	026G 800700 1A	BARCODE LABEL	
	040G 58162435A	PN LABEL FOR MANUAL PE BAG	
	Q40G000181328A	CARTON LABEL	
	X40G 32081314A	RATING LABEL	
	0Q1G 330 8 47 CR3	SCREW 3X8	
	P15T1003101	BRACKET _SCALER-BTM	
	X15T8123101 GM	BRACKET	
	052G 2191 A	PAPER TAPE	
ECN401	095G801413X 59	HARNESS 13P-8P 350MM LCDXXTF0922	
CN410	033G3802 3H	WAFER 3P RIGHT ANGLE	
CN401	033G380213B YH	WAFER 2.0MM 13P	
C729	067G215H1014CT	EC 100UF 20% 25V SY 8*7	
C705	067G215H1014CT	EC 100UF 20% 25V SY 8*7	
C701	067G215H1014CT	EC 100UF 20% 25V SY 8*7	
C306	067G305S101 3H	100UF +-20% 16V	
C302	067G305S101 3H	100UF +-20% 16V	
C419	067G315M1013HV	105C 100UF,M,16V	
C685	067G315M1016HV	EC 100UF 20% 35V 8*7	
C703	067G315M1016HV	EC 100UF 20% 35V 8*7	
C630	067G315M1016HV	EC 100UF 20% 35V 8*7	
C631	067G315M1016HV	EC 100UF 20% 35V 8*7	
C635	067G315M1016HV	EC 100UF 20% 35V 8*7	

C638	067G315M1016HV	EC 100UF 20% 35V 8*7	
CN102	088G 30288C	PHONE JACK 3P GREEN - 1 1	
CN605	088G 78F111UCL	RCA JACK R/A 6DEGREE 2P BLACK 1*1 H=8.45	
CN122	088G 78F112UCL	RCA JACK 2P YELLOW 1*1 R/A 16.5	
CN121	088G 78F131UCL	RCA JACK 6P Y/W/R 1*3 R/A 16.5	
CN702	088G 78F151UCL	RCA JACK R/A 6DEGREE 10P 1*5 H=8.5	
CN601	088G302C5B1ACL	PHONE JACK R/A 5P BLACK H=6.2	
CN101	088G353FFF4UCL	D-SUB CONN R/A 15P BLUE8.5MM	
TU101	094G PAL D 8L	TUNER CHINA F86WT-17-E	
CN602	311GW250B04BBX	WAFER 2.5MM 4P	
CN701	311GW250B13BBX	WAFER 2.5MM 13P R/A 35MM 7MM	
	709T4611 XM001	COMSUPTIVE ASS'Y	
	055G 23524	WELDING FLUX WITHOUT PB	
	Q55G 100625	TIN STICK_LOW ARGENTUM	
CN704	033G8032 3F S B	CONN 1.25MM 3P	
U401	056G 562384	SCALER MT5301BGMU LQFP-256	
U7007	056G 563124	IC G9084TU3U TO-263T	
U607	056G 563149	IC G903T63UF 0.6A/3.3V SOT-223	
U705	056G 563149	IC G903T63UF 0.6A/3.3V SOT-223	
U704	056G 563167	IC G5657F12U SOP-8	
U702	056G 563179	DC/DC CONVERTER IC SC189ASKTRT SOT23-5	
U706	056G 563179	DC/DC CONVERTER IC SC189ASKTRT SOT23-5	
U703	056G 563211	IC DC/DC AOZ1212AI SO-8	
U701	056G 563289	DC/DC TPS54319RTER QFN-16	
U602	056G 593 39	IC STA339BWTR POWERSSO36	
U402	056G 615 97	DRAM NT5TU64M16DG-BD 1GB BGA-84	
U402	056G 615503	W971GG6JB-18 1066MB DDR2-1066 1G WBGA84	
U606	056G 616916	IC MAX9728AETC+ TQFN-EP-12	
U501	056G 623 43	SWITCH TMDS361BPAGR TQFP-64	
U406	056G 643 46	IC RESET AZ809ANSTR-E1 SOT-23 2.93V	
U102	056G 665110	MULTIPLEXER CD4052BPWR TSSOP-16	
U403	056G1133121	IC HY27US08561A-TPCB 256MB TSOP1-48	
U105	056G1133955	IC CAT24C02YI-GT3 TSSOP-8	
U502	056G1133955	IC CAT24C02YI-GT3 TSSOP-8	
U505	056G1133955	IC CAT24C02YI-GT3 TSSOP-8	
U506	056G1133955	IC CAT24C02YI-GT3 TSSOP-8	
U405	056G1133X02	EEPROM CAT24C128YI-GT3 128KB TSSOP8	
U412	056G74LS 10	LOGIC SN74LVC1G125DBVR SOT-23	
Q401	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q501	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q503	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q505	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q706	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q704	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q703	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q701	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q508	057G 417 4	PMBS3904/PHILIPS-SMT(04)	

Q507	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q506	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q1107	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q105	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q102	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q101	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q1108	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q1106	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q602	057G 761516	SMALLTRAN BC847C 0.1 50 SOT-23	
Q601	057G 761516	SMALLTRAN BC847C 0.1 50 SOT-23	
Q707	057G 763 79	FET AO4449 -7A/-30V SOIC-8	
Q709	057G 763 79	FET AO4449 -7A/-30V SOIC-8	
Q1102	057G 763904	TRA FET 2N7002 SOT-23 PHILIPS	
Q1103	057G 763904	TRA FET 2N7002 SOT-23 PHILIPS	
RP406	061G 1261018JF	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	
RP405	061G 1261018JF	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	
RP404	061G 1261018JF	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	
RP403	061G 1261018JF	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	
RP402	061G 1261018JF	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	
RP401	061G 1261018JF	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	
TH302	061G 56A100 WT	PTCR SMD 0.21R MAX 0.8W	
TH301	061G 56A100 WT	PTCR SMD 0.21R MAX 0.8W	
R449	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R448	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R447	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R446	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R445	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R436	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R422	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R421	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R420	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R413	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R414	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R419	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R418	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R417	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R416	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R415	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R450	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R710	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R705	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R636	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R635	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R629	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R531	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R530	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R507	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	

R489	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R488	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R482	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R481	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R466	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R454	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R453	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R451	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R165	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R160	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R143	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1185	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1183	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1151	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1145	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1141	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1133	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1132	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1131	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1130	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R105	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R405	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R401	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R318	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R317	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R308	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R307	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R217	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R214	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R208	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R207	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R193	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R191	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R166	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R614	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	
R162	061G04021000FY	RST CHIP 100R 1/16W 1%	
R408	061G04021001FY	RST CHIP 1K 1/16W 1%	
R407	061G04021001FY	RST CHIP 1K 1/16W 1%	
R753	061G04021002FT	RST CHIPR 10K +-1% 1/16W TZAI YUAN	
R748	061G04021002FT	RST CHIPR 10K +-1% 1/16W TZAI YUAN	
R742	061G04021002FT	RST CHIPR 10K +-1% 1/16W TZAI YUAN	
R733	061G04021002FT	RST CHIPR 10K +-1% 1/16W TZAI YUAN	
R767	061G04021003FI	RST CHIP 100K 1/16W 1% TA-I	
R203	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R423	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R424	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R483	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	

R501	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R502	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R210	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R170	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R607	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R542	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R541	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R536	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R535	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R202	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R156	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R154	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R138	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R1139	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R1138	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R551	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R547	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R545	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R543	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R539	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R537	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R518	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R556	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R709	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R713	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R724	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R731	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R747	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R552	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R1149	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R140	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R188	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R403	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R503	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R505	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R514	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R606	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R619	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R617	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R616	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R609	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R569	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R553	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R478	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R477	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R475	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R465	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	

R461	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R429	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R620	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R425	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R411	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R744	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R723	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R717	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R715	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R714	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R707	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R703	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R640	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R624	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R623	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R106	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R107	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R114	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R115	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R1152	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R1158	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R1166	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R126	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R128	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R409	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R404	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R222	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R212	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R187	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R186	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R185	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R174	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R173	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R468	061G0402104 JF	RST CHIPR 100KOHM +-5% 1/16W FENGHUA	
R1191	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	
R1148	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	
R772	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	
R201	061G0402105 JT	RST CHIP R 1MOHM 1/16W +/-5% TZAI YUAN	
R204	061G0402105 JT	RST CHIP R 1MOHM 1/16W +/-5% TZAI YUAN	
R701	061G0402122 JY	RST CHIPR 1200 OHM 1/16W YAGEO	
R741	061G0402123 JT	RST CHIPR 12KOHM +-5% 1/16W TZAI YUAN	
R412	061G04021301FT	RST 0402 1.3K 1% 1/16W	
R737	061G04021502FT	RST 0402 15K 1% 1/16W	
R199	061G0402180 JT	RST CHIP 18R 1/16W 5% TZAI YUAN	
R205	061G0402180 JT	RST CHIP 18R 1/16W 5% TZAI YUAN	
R225	061G0402180 JT	RST CHIP 18R 1/16W 5% TZAI YUAN	
R729	061G04021803FT	RST 0402 180K 1/16W 1% TZAI YUAN	

R749	061G04022001FF	RST CHIPR 2KOHM +-1% 1/16W FENGHUA	
R735	061G0402203 JF	RST CHIPR 20KOHM +-5% 1/16W FENGHUA	
R633	061G04022201FT	RST CHIPR 2K2 +-1% 1/16W TZAI YUAN	
R706	061G0402222 JF	RST CHIPR 2.2KOHM +-5% 1/16W FENGHUA	
R464	061G0402222 JF	RST CHIPR 2.2KOHM +-5% 1/16W FENGHUA	
R306	061G0402223 JI	TEST ONLY RST 0402 22K 5% 1/16W TA-I	
R304	061G0402223 JI	TEST ONLY RST 0402 22K 5% 1/16W TA-I	
R716	061G0402223 JT	RST CHIP 22K 1/16W 5% TZAI YUAN	
R630	061G0402229 JT	RST CHIP 2R2 1/16W 5% TZAI YUAN	
R463	061G04022701FT	RST 0402 2.7K 1% 1/16W TZAI YUAN	
R462	061G04022701FT	RST 0402 2.7K 1% 1/16W TZAI YUAN	
R743	061G04022701FY	RST CHIP 2.7K 1/16W 1%	
R730	061G04023000FT	RST CHIP 300R 1/16W 1%	
R1156	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN	
R1155	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN	
R1154	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN	
R1153	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN	
R766	061G04023302FI	RST 0402 33K 1% 1/16W TA-I	
R513	061G04024021FT	RST 0402 4.02K 1% 1/16W	
R487	061G0402432 JT	RST CHIP 4K3 1/16W 5% TZAI YUAN	
R444	061G0402470 JF	RST CHIPR 47 OHM 5% 1/16W FENGHUA	
R189	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R406	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R456	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R472	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R745	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R473	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R506	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R538	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R610	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R740	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R746	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R155	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R153	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R1143	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R1140	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R510	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R544	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R534	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R305	061G0402473 JI	TEST ONLY RST 0402 47K 5% 1/16W TA-I	
R311	061G0402473 JI	TEST ONLY RST 0402 47K 5% 1/16W TA-I	
R734	061G0402473 JT	RST CHIP 47K 1/16W 5% TZAI YUAN	
R711	061G0402473 JT	RST CHIP 47K 1/16W 5% TZAI YUAN	
R180	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R179	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R178	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R177	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	

R218	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R223	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R224	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R227	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R504	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R540	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R546	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R113	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R112	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R111	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R110	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R1159	061G0402510 JF	RST CHIP 51R 1/16W 5% FENGHUA	
R1160	061G0402510 JF	RST CHIP 51R 1/16W 5% FENGHUA	
R108	061G04025101FF	RST CHIP 5.1K 1/16W 1% FENGHUA	
R109	061G04025101FF	RST CHIP 5.1K 1/16W 1% FENGHUA	
R175	061G04025101FF	RST CHIP 5.1K 1/16W 1% FENGHUA	
R176	061G04025101FF	RST CHIP 5.1K 1/16W 1% FENGHUA	
R183	061G04025101FF	RST CHIP 5.1K 1/16W 1% FENGHUA	
R200	061G04025101FF	RST CHIP 5.1K 1/16W 1% FENGHUA	
R410	061G04025101FT	RST CHIP 5.1K 1/16W 1% TZAI YUAN	
R216	061G0402560 JI	RST 0402 56R 5% 1/16W	
R226	061G0402560 JT	RST CHIP 56R 1/16W 5% TZAI YUAN	
R215	061G0402560 JT	RST CHIP 56R 1/16W 5% TZAI YUAN	
R486	061G04025600FI	TEST ONLY RST 0402 560R 1% 1/16W TA-I	
R726	061G0402563 JF	RST CHIPR 56KOHM 1/16W FENGHUA	
R725	061G0402563 JF	RST CHIPR 56KOHM 1/16W FENGHUA	
R1157	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R219	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R148	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R158	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R161	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R164	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R181	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R213	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R104	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R192	061G04027509FT	RST CHIP 75R 1/16W 1%	
R163	061G04027509FT	RST CHIP 75R 1/16W 1%	
R159	061G04027509FT	RST CHIP 75R 1/16W 1%	
R157	061G04027509FT	RST CHIP 75R 1/16W 1%	
R103	061G04027509FT	RST CHIP 75R 1/16W 1%	
R728	061G0402752 JF	RST CHIP 7K5 1/16W 5% FENGHUA	
R732	061G04028201FT	RST 0402 8.2K 1% 1/16W TZAI YUAN	
R736	061G04028202FF	RST CHIPR 82KOHM +-1% 1/16W FENGHUA	
R712	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R171	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R172	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R220	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	

R752	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R751	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R750	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R533	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R528	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R221	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R526	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R1162	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R1161	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R102	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R101	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R470	061G06031001FT	RST CHIP 1K 1/10W 1%	
R1173	061G06031001FT	RST CHIP 1K 1/10W 1%	
R628	061G06031008FT	RST 0603 1R 1% 1/10W TZAI YUAN	
R605	061G0603101 JT	RST CHIP 100R 1/10W 5% TZAI YUAN	
R727	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R548	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R520	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R519	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R515	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R512	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R573	061G0603104 JT	RST CHIP 100K 1/10W 5% TZAI YUAN	
R601	061G0603104 JT	RST CHIP 100K 1/10W 5% TZAI YUAN	
R485	061G06031101FF	RST CHIPR 1.1KOHM +-1% 1/10W FENGHUA	
R484	061G06031101FF	RST CHIPR 1.1KOHM +-1% 1/10W FENGHUA	
R769	061G0603122 JT	RST CHIP 1K2 1/10W 5% TZAI YUAN	
R612	061G0603153 JT	RST CHIPR 15KOHM 1/10W TZAI YUAN	
R571	061G0603181 JT	RST 0603 180R 5% 1/10W	
R639	061G0603182 JT	RST CHIPR 1.8KOHM 1/10W TZAI YUAN	
R608	061G0603182 JT	RST CHIPR 1.8KOHM 1/10W TZAI YUAN	
R603	061G0603182 JT	RST CHIPR 1.8KOHM 1/10W TZAI YUAN	
R604	061G06032400FT	RST CHIP 240R 1/10W 1%	
R508	061G0603273 JT	RST CHIP 27K 1/10W 5% TZAI YUAN	
R1174	061G06033001FT	RST CHIP 3K 1/10W 1%	
R555	061G0603472 JT	RST CHIP 4K7 1/10W 5% TZAI YUAN	
R554	061G0603472 JT	RST CHIP 4K7 1/10W 5% TZAI YUAN	
R550	061G0603472 JT	RST CHIP 4K7 1/10W 5% TZAI YUAN	
R549	061G0603472 JT	RST CHIP 4K7 1/10W 5% TZAI YUAN	
R517	061G0603472 JT	RST CHIP 4K7 1/10W 5% TZAI YUAN	
R516	061G0603472 JT	RST CHIP 4K7 1/10W 5% TZAI YUAN	
R611	061G0603474 JT	RST CHIPR 470KOHM +-5% 1/10W TZAI YUAN	
R471	061G06036801FT	RST CHIP 6K8 1/10W 1%	
R572	061G0603820 JT	RST CHIP 82R 1/10W 5% TZAI YUAN	
R1176	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
R229	061G12060004JI	RST 1206 MAX 5% 1/4W	
R230	061G12060004JI	RST 1206 MAX 5% 1/4W	
R231	061G12060004JI	RST 1206 MAX 5% 1/4W	

R232	061G12060004JI		RST 1206 MAX 5% 1/4W	
R228	061G12060004JI		RST 1206 MAX 5% 1/4W	
R1175	061G1206150 JT		RST CHIPR 15 OHM +-5% 1/4W TZAI YUAN	
R1172	061G1206150 JT		RST CHIPR 15 OHM +-5% 1/4W TZAI YUAN	
R1171	061G1206150 JT		RST CHIPR 15 OHM +-5% 1/4W TZAI YUAN	
R631	061G1206220 JF		RST CHIPR 22 OHM +-5% 1/4W FENGHUA	
R626	061G1206220 JF		RST CHIPR 22 OHM +-5% 1/4W FENGHUA	
R634	061G1206629 JT		RST CHIPR 6.2 OHM +-5% 1/4W TZAI YUAN	
R632	061G1206629 JT		RST CHIPR 6.2 OHM +-5% 1/4W TZAI YUAN	
R627	061G1206629 JT		RST CHIPR 6.2 OHM +-5% 1/4W TZAI YUAN	
R625	061G1206629 JT		RST CHIPR 6.2 OHM +-5% 1/4W TZAI YUAN	
C1151	065G040210131J	A	CAP CHIP 0402 100PF J 50V NPO	
C1150	065G040210131J	A	CAP CHIP 0402 100PF J 50V NPO	
C1154	065G040210131J	A	CAP CHIP 0402 100PF J 50V NPO	
C653	065G040210232K	Y	CAP CHIP 0402 1N 50V X7R +/-10%	
C650	065G040210232K	Y	CAP CHIP 0402 1N 50V X7R +/-10%	
C627	065G040210232K	Y	CAP CHIP 0402 1N 50V X7R +/-10%	
C629	065G040210232K	Y	CAP CHIP 0402 1N 50V X7R +/-10%	
C633	065G040210232K	Y	CAP CHIP 0402 1N 50V X7R +/-10%	
C648	065G040210232K	Y	CAP CHIP 0402 1N 50V X7R +/-10%	
C109	065G040210332K	Y	CAP CHIP 0402 10N 50V X7R +/-10%	
C110	065G040210332K	Y	CAP CHIP 0402 10N 50V X7R +/-10%	
C460	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C461	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C502	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C504	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C505	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C506	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C507	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C508	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C509	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C510	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C512	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C513	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C514	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C515	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C516	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C707	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C743	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C747	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C135	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C140	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C201	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C202	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C203	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C204	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C205	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	

C206	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C303	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C308	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C456	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C799	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	
C738	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	
C447	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C446	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C445	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C444	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C442	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C440	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C439	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C438	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C437	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C436	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C435	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C434	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C433	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C469	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C468	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C467	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C466	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C465	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C470	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C471	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C464	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C463	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C451	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C450	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C449	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C448	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C432	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C472	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C1145	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C404	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C405	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C406	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C407	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C408	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C409	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C410	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C411	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C425	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C424	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C423	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C422	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	

C421	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C418	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C417	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C416	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C415	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C414	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C1141	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	
C1144	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	
C1162	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	
C604	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	
C7001	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	
C718	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	
C617	065G040210503K	M	CAP 0402 1UF 10% 6.3V SL	
C618	065G040210503K	M	CAP 0402 1UF 10% 6.3V SL	
C103	065G0402105A5K	3	CAP CHIP 0402 1UF K 10V X5R	
C102	065G0402105A5K	3	CAP CHIP 0402 1UF K 10V X5R	
C750	065G0402105A5K	3	CAP CHIP 0402 1UF K 10V X5R	
C739	065G0402105A5K	3	CAP CHIP 0402 1UF K 10V X5R	
C723	065G0402105A5K	3	CAP CHIP 0402 1UF K 10V X5R	
C722	065G0402105A5K	3	CAP CHIP 0402 1UF K 10V X5R	
C615	065G0402105A5K	3	CAP CHIP 0402 1UF K 10V X5R	
C606	065G0402105A5K	3	CAP CHIP 0402 1UF K 10V X5R	
C159	065G040215031J	Y	CAP CHIP 0402 15PF J 50V NPO	
C153	065G040215031J	Y	CAP CHIP 0402 15PF J 50V NPO	
C152	065G040215031J	Y	CAP CHIP 0402 15PF J 50V NPO	
C744	065G040218131J	A	MLCC 0402 180PF 50V NP0 +-5% SAMSUNG	
C732	065G040218131J	A	MLCC 0402 180PF 50V NP0 +-5% SAMSUNG	
C1143	065G040222031J	T	CAP CHIP 0402 22PF J 50V NPO	
C1142	065G040222031J	T	CAP CHIP 0402 22PF J 50V NPO	
C147	065G040222031J	Y	CAP CHIP 0402 22P 50V NP0 +/-5%	
C138	065G040222031J	Y	CAP CHIP 0402 22P 50V NP0 +/-5%	
C139	065G040222031J	Y	CAP CHIP 0402 22P 50V NP0 +/-5%	
C146	065G040222031J	Y	CAP CHIP 0402 22P 50V NP0 +/-5%	
C1155	065G040222131J	T	CAP CHIP 0402 220PF 50V NPO	
C745	065G040222232K	A	CAP 0402 2.2NF 10% 50V X7R	
C454	065G040222415K	T	CAP CHIP 0402 220NF K 16V X5R	
C458	065G040227031J	A	CAP 0402 27PF 5% 50V NP0	
C457	065G040227031J	A	CAP 0402 27PF 5% 50V NP0	
C207	065G040233031J	Y	CAP CHIP 0402 33P 50V NP0 +/-5%	
C624	065G040233131J	A	MLCC 0402 330PF 50V NP0 +-5%	
C651	065G040233131J	A	MLCC 0402 330PF 50V NP0 +-5%	
C713	065G040233232K	A	CAP CHIP 0402 3.3NF K 50V X7R	
C619	065G040247031J	A	CAP 0402 47PF 5% 50V NP0	
C614	065G040247031J	A	CAP 0402 47PF 5% 50V NP0	
C156	065G040247031J	A	CAP 0402 47PF 5% 50V NP0	
C142	065G040247031J	A	CAP 0402 47PF 5% 50V NP0	
C141	065G040247031J	A	CAP 0402 47PF 5% 50V NP0	

C402	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C401	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C155	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C1147	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C108	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C107	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C654	065G040268132K	A	CAP 0402 680PF 10% 50V X7R	
C755	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C754	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C726	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C725	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C158	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C154	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C157	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C151	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C134	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C133	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C132	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C118	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C1153	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C1152	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C430	065G060310412K	M	MLCC 0603 CAP 0.1UF 16V X7R	
C429	065G060310412K	M	MLCC 0603 CAP 0.1UF 16V X7R	
C428	065G060310412K	M	MLCC 0603 CAP 0.1UF 16V X7R	
C427	065G060310412K	M	MLCC 0603 CAP 0.1UF 16V X7R	
C426	065G060310412K	M	MLCC 0603 CAP 0.1UF 16V X7R	
C735	065G060310432K	Y	CAP 0603 100NF 10% 50V X7R	
C716	065G060310432K	Y	CAP 0603 100NF 10% 50V X7R	
C710	065G060310432K	Y	CAP 0603 100NF 10% 50V X7R	
C704	065G060310432K	Y	CAP 0603 100NF 10% 50V X7R	
C702	065G060310432K	Y	CAP 0603 100NF 10% 50V X7R	
C113	065G060310432K	Y	CAP 0603 100NF 10% 50V X7R	
C603	065G060310437Z	Y	CAP CHIP 0603 100N 50V Y5V -20%+80%	
C1164	065G060310512K	3	CAP 0603 1UF 10% 16V X7R	
C734	065G060310512K	3	CAP 0603 1UF 10% 16V X7R	
C762	065G060310512K	T	CAP 0603 1UF 10% 16V X7R	
C613	065G060310512K	T	CAP 0603 1UF 10% 16V X7R	
C611	065G060310512K	T	CAP 0603 1UF 10% 16V X7R	
C511	065G060310512K	T	CAP 0603 1UF 10% 16V X7R	
C403	065G060310517Z	3	CAP CHIP 0603 1UF 16V Y5V -20%+80%	
C688	065G060310522K	M	CAP MLCC 0603 1UF K 25V X7R	
C687	065G060310522K	M	CAP MLCC 0603 1UF K 25V X7R	
C683	065G060310605M	M	CAP 0603 10UF 20% 6.3V X5R	
C682	065G060310605M	M	CAP 0603 10UF 20% 6.3V X5R	
C681	065G060310605M	M	CAP 0603 10UF 20% 6.3V X5R	
C680	065G060310605M	M	CAP 0603 10UF 20% 6.3V X5R	
C149	065G060315232K	3	CAP 0603 1.5NF 10% 50V X7R	

C119	065G060315232K	3	CAP 0603 1.5NF 10% 50V X7R	
C714	065G060322422K	T	CAP CHIP0603 220NF K 25V X7R	
C733	065G080510232K	Y	CAP CHIP 0805 1N 50V X7R +/-10%	
C669	065G080510241J	Y	CAP CHIP 0805 1NF J 100V NP0	
C634	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C636	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C637	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C639	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C640	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C642	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C646	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C645	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C643	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C644	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C656	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C652	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C647	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C632	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C626	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C623	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C622	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C621	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C620	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C607	065G080510522K	3	CAP CHIP 0805 1U 25V X7R +/-10%	
C608	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C610	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C625	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C641	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C737	065G080510615K	3	CAP CHIP 0805 10U 16V X5R +/-10%	
C727	065G080510615K	3	CAP CHIP 0805 10U 16V X5R +/-10%	
C724	065G080510615K	3	CAP CHIP 0805 10U 16V X5R +/-10%	
C311	065G080510615K	3	CAP CHIP 0805 10U 16V X5R +/-10%	
C766	065G080510615K	3	CAP CHIP 0805 10U 16V X5R +/-10%	
C765	065G080510615K	3	CAP CHIP 0805 10U 16V X5R +/-10%	
C753	065G080510615K	3	CAP CHIP 0805 10U 16V X5R +/-10%	
C752	065G080510615K	3	CAP CHIP 0805 10U 16V X5R +/-10%	
C751	065G080510615K	3	CAP CHIP 0805 10U 16V X5R +/-10%	
C749	065G080510615K	3	CAP CHIP 0805 10U 16V X5R +/-10%	
C748	065G080510615K	3	CAP CHIP 0805 10U 16V X5R +/-10%	
C136	065G080510615K	3	CAP CHIP 0805 10U 16V X5R +/-10%	
C112	065G080510615K	3	CAP CHIP 0805 10U 16V X5R +/-10%	
C111	065G080510615K	3	CAP CHIP 0805 10U 16V X5R +/-10%	
C105	065G080510615K	3	CAP CHIP 0805 10U 16V X5R +/-10%	
C104	065G080510615K	3	CAP CHIP 0805 10U 16V X5R +/-10%	
C742	065G080510615K	M	CAP CHIP 0805 10UF K 16V X5R	
C741	065G080510615K	M	CAP CHIP 0805 10UF K 16V X5R	
C736	065G080510615K	M	CAP CHIP 0805 10UF K 16V X5R	

C728	065G080510615K	M	CAP CHIP 0805 10UF K 16V X5R	
C150	065G080510615K	M	CAP CHIP 0805 10UF K 16V X5R	
C148	065G080510615K	M	CAP CHIP 0805 10UF K 16V X5R	
C137	065G080510615K	M	CAP CHIP 0805 10UF K 16V X5R	
C717	065G0805106A5K	3	CHIP 10UF 10V X5R 10%	
C684	065G0805106A5K	3	CHIP 10UF 10V X5R 10%	
C609	065G0805106A5K	3	CHIP 10UF 10V X5R 10%	
C1140	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C412	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C706	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C503	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C501	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C462	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C441	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C420	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C413	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C114	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C101	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C7003	065G080522605M	M	CAP 0805 22UF 20% 6.3V X5R	
C1163	065G080533422K	3	330NF 10% 25V X7R	
C655	065G080547232K	Y	CAP CHIP 0805 4N7 50V X7R +/-10%	
C431	065G080547515K	3	MLCC 0805 4U7 16V X5R +/-10%	
C649	065G120610432K	Y	CER 1206 100N 50V X7R +/-10%	
C628	065G120610432K	Y	CER 1206 100N 50V X7R +/-10%	
C731	065G120610532K	3	CAP 1206 1UF 10% 50V X7R	
C730	065G120610532K	3	CAP 1206 1UF 10% 50V X7R	
C721	065G1206226A5K	T	CAP CHIP1206 22UF K 10V X5R	
C720	065G1206226A5K	T	CAP CHIP1206 22UF K 10V X5R	
C443	067G 3112213CT		EC SMD 220UF 16V HV 6.3*7.7	
C1139	067G 3112213CT		EC SMD 220UF 16V HV 6.3*7.7	
U405	070GHDCP500HDC		HDCP CODE	
FB107	071G 56121 TA		CHIP BEAD 0805 120R/3A HCB2012KF-121T30	
FB609	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB612	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB613	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB614	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB713	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB715	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB615	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB701	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB702	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB703	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB726	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB603	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB602	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB601	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB105	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	

FB719	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB718	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB717	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB716	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB610	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB604	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB505	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB504	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB721	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB723	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB725	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB727	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB728	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB729	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB730	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB737	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB746	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB101	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB106	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB1102	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB1107	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB1108	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB201	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB202	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB501	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB502	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB503	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB618	071G 59C601 TA	CHIP BEAD 600R/200MA FCM1608K-601T02	
FB608	071G 59C601 TA	CHIP BEAD 600R/200MA FCM1608K-601T02	
FB607	071G 59C601 TA	CHIP BEAD 600R/200MA FCM1608K-601T02	
FB606	071G 59C601 TA	CHIP BEAD 600R/200MA FCM1608K-601T02	
FB619	071G 59C601 TA	CHIP BEAD 600R/200MA FCM1608K-601T02	
FB111	071G 59K300 TA	CHIP BEAD 0603 30R 25% 700MA	
FB112	071G 59K300 TA	CHIP BEAD 0603 30R 25% 700MA	
FB113	071G 59K300 TA	CHIP BEAD 0603 30R 25% 700MA	
FB110	071G 59K300 TA	CHIP BEAD 0603 30R 25% 700MA	
FB109	071G 59K300 TA	CHIP BEAD 0603 30R 25% 700MA	
FB108	071G 59K300 TA	CHIP BEAD 0603 30R 25% 700MA	
L1103	073G 63108 T	CHIP INDUCTOR 0U10 10% MLF1608DR10KT	
L1106	073G 63128GKU	MTK-ASSIGN CHIP INDUCTOR 0.12UH 10% 0.5R	
L1105	073G 63128GKU	MTK-ASSIGN CHIP INDUCTOR 0.12UH 10% 0.5R	
L101	073G 6318910J	0603 1.8UH +-10%	
L1104	073G 63228GKU	MTK-ASSIGN CHIP INDUCTOR 0.22UH 10% 0.8R	
L604	073G253S 36 H HF	SMD CHOKE 22UH 20% SPI105LRR-220 3.5A,HF	
L603	073G253S 36 H HF	SMD CHOKE 22UH 20% SPI105LRR-220 3.5A,HF	
L602	073G253S 36 H HF	SMD CHOKE 22UH 20% SPI105LRR-220 3.5A,HF	
L601	073G253S 36 H HF	SMD CHOKE 22UH 20% SPI105LRR-220 3.5A,HF	

L703	073G253S 57 K	SMD CHOKE 10UH 4A	
L702	073G253S 68 M	SMD CHOKE 2.2UH 30% 0.031R 2A	
L705	073G253S 68 M	SMD CHOKE 2.2UH 30% 0.031R 2A	
L704	073G253S 83 DN	HF SMD CHOKE 47UH 20% 0.13R LZ.2B470.A2P	
L701	073G253S 96 M1	SMD CHOKE 1.5UH 10% 0.015R 9A	
CN508	088G 34019K AV	HDMI HEADER R/A 19P BLACK H=8.4	
CN507	088G 34019K AV	HDMI HEADER R/A 19P BLACK H=8.4	
CN506	088G 34019K AV	HDMI HEADER R/A 19P BLACK H=8.4	
CN104	088G352F4B3ACL	USB CONN 8P BLACK 2*4 R/A 14.2	
CN103	088G352F4B4ACL	USB CONN A TYPE R/A 4P BLACK H=8.5	
D604	093G 60518SEM	DIODE BAT54C-HAF 300MA/30V SOT-23	
D516	093G 60518SEM	DIODE BAT54C-HAF 300MA/30V SOT-23	
D505	093G 60518SEM	DIODE BAT54C-HAF 300MA/30V SOT-23	
D101	093G 60518SEM	DIODE BAT54C-HAF 300MA/30V SOT-23	
X401	093G 22S921 H	CRYSTAL X1H027000FK1H-V 27 30 20	
ZD601	093G 39S 47	BZX84C3V6 SOT-23	
ZD139	093G 39S902	DIODE BZX384-C5V6 SOD-323 VISHAY	
ZD139	093G 39S926 T	DIODE BZX384-C5V6 SOD323	
D603	093G 52S902 T	DIODE 3A/100V S3B DO-214AB	
D704	093G 60S927 T	DIODE SX34 DO-214AA	
D702	093G 60S927 T	DIODE SX34 DO-214AA	
ZD138	093G 64S500 SU	ESD MLVG04025R0QV05BP INPAQ	
ZD137	093G 64S500 SU	ESD MLVG04025R0QV05BP INPAQ	
D606	093G 64S522SEM	LL4148	
D605	093G 64S522SEM	LL4148	
D602	093G 64S522SEM	LL4148	
D601	093G 64S522SEM	LL4148	
D504	093G 64S900 T	DIODE BAS316 SOD-323 PHILIPS	
CN703	311GW100B02ACH	WAFER 1.0MM 2P A1001WV-S-02P	
CN414	311GW100D40BDH	WAFER 1.0MM 40P A1001WR-S-2X20PR6NG1GS1R	
	709T4611 XS001	COMSUPTIVE ASS'Y	
	055G 100610	TIN CREAM W/O PB	
	052G6026 2	MESH PRINTTING PAPER	
	055G 23520	IPA	
	052G 2191 A	PAPER TAPE	
E715	715G4611M1A000004K	MAIN BOARD PCB	
	X90G8013 1	HEAT SINK FOR U401	
	KEPFBXD9	KEY BOARD	
	709T4496 XM001	COMSUPTIVE ASS'Y	
CN201	033G8032 8F S HR	WAFER 1.25MM 8P	
U206	056G 627 59	IR RECEIVER IRM-H936M3/TR2 36 KHZ	
U201	056G 669 50	TOU. CG7216AM C/S:5E3C,±¼ÓWÜCxİÉ« QFN16	
Q201	057G 761516	SMALLTRAN BC847C 0.1 50 SOT-23	
R210	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R223	061G0402101 JI	BEST ONLY RST 0402 100R 5% 1/16W TA-I	
R220	061G0402102 JI	RST 0402 1K 5% 1/16W TA-I	

R213	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R212	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R225	061G0402222 JF	RST CHIPR 2.2KOHM +-5% 1/16W FENGHUA	
R222	061G0402272 JT	RST CHIP 2K7 1/16W 5% TZAI YUAN	
R228	061G0402432 JT	RST CHIP 4K3 1/16W 5% TZAI YUAN	
R208	061G0402561 JF	RST CHIP 560R 1/16W 5% FENGHUA	
R205	061G0402561 JF	RST CHIP 560R 1/16W 5% FENGHUA	
R204	061G0402561 JF	RST CHIP 560R 1/16W 5% FENGHUA	
R203	061G0402561 JF	RST CHIP 560R 1/16W 5% FENGHUA	
R202	061G0402561 JF	RST CHIP 560R 1/16W 5% FENGHUA	
R201	061G0402561 JF	RST CHIP 560R 1/16W 5% FENGHUA	
C202	065G040210232K T	CAP CHIP 0402 1000PF 50V X7R	
C201	065G040210427Z Y	CAP 0402 100NF -20%+80% 25V Y5V	
C204	065G0402474A5K Y	CAP CHIP 0402 0.47UF K 10V X5R	
C203	065G0402474A5K Y	CAP CHIP 0402 0.47UF K 10V X5R	
C208	065G060310512K T	CAP 0603 1UF 10% 16V X7R	
C210	065G0805106A5K 3	CHIP 10UF 10V X5R 10%	
LED201	081G 63R 1 EL	CHIP LED RED 19-21B/R6C-BL1M2VY/3T	
	709T4496 XS001	COMSUPTIVE ASS'Y	
	052G6026 2	MESH PRINTTING PAPER	
E715	715G4496K02000004M	KEY BOARD PCB	
	P15T0978101	BRACKET _STAND	
	P34E0658ADT 1L01BA	COVCOVER_LEADING_EDGE	
	P37T0118011	BASE _ASSY 32 _MATISSE	
	P52G1201007	TAPE _DOUBLE	
	Q36T 600 35 19 GP	NONWOVEN FABRIC	

42PFL3390/T3 E42B22NDAMP1NNX

点位	组件	对象描述	备注
	036T 600 18117 GP	NONWOVEN FABRTC	
	036T 600 18124	NONWOVEN FABRTC	
	036T 600 18124	NONWOVEN FABRTC	
	052G 1185	MIDDLE TAPE (Y1200141)	
	052G 1185 1	BIG TAPE(Y1200141)	
	052G 1186	SMALL TAPE	
	052G 1211 B	CONDUCTIVE TAPE 85MM *40MM *0.09MM	
	052G 2191 A	PAPER TAPE	
ECN603	078G0120X10 M	SPEAKER 8 OHM 12W 256X216 1020	
ECN602	078G120AX07 M	16 OHM 12W 160X216 300- 20KHZ	
ECN701	095G801313DX14	HARNESS 13P-13P 320MM	2nd source
ECN701	095G801313WX14	HARNESS 13P-13P 320MM	
ECN704	095G8014 5R 68	HARNESS 5P-2P+3P 550/320MM	
ECN704	095G8014 5X 68	HARNESS 5P-2+3P 550+320MM LCDXXTF0926	2nd source
ECN414	095G801851RY01	HARNESS 51P-40P 360MM	
ECN414	095G801851XY01	HARNESS 51P-40P 360MM	2nd source
	0M1G1030 6 47 CR3	SCREW	
	0M1G1730 4120	SCREW	
	0M1G1730 8120	SCREW 3X8	
	0Q1G1030 10 47 CR3	SCREW	
	705TXB34N10	REAR COVER ASS'Y	
	036T 600 18107	NONWOVEN FABRTC	
	036T 600 18110	NONWOVEN FABRTC	
	036T 600 18116 GP	NONWOVEN FABRTC	
	036T 600 18124	NONWOVEN FABRTC	
	036T 600 18124	NONWOVEN FABRTC	
	P34E0662ADT 1L01BA	REAR COVER 42"	
	X40G2011 32X09	LABEL IO	
	X40G2011 32X10	LABEL SIDE	
	X52G1801 TVX16	MYLAR	
	705TXB34N50	BEZEL ASS'Y	
	036T 600 18116 GP	NONWOVEN FABRTC	
	P34E0661ADTZ1L01BB	BEZEL 42"	
	P35T0026 4A1C0100	DECO(3800/3390)	
	P52G1201007	TAPE _DOUBLE	
	Q36T 600 37 24 GP	NONWOVEN FABRIC	
	705TXB87002	AC SOCKET ASS'Y	
	087G 50149A S	AC SOCKET V/T 2P ST-02BM-AWBS0-0000	
ECN9901	095G8021 2R902	HARNESS 2P 170MM WITH CODE	
ECN9901	095G8021 2X902	HARNESS 2P 170MM POWERTF0016	2nd source
	096G 29 6	H.S. TUBE	
	756TXBCB 2D091 00	MAIN BOARD-CBPFB4HDXB	
U403	056G1133121	IC HY27US08561A-TPCB 256MB TSOP1-48	
U505	056G1133955	IC CAT24C02YI-GT3 TSSOP-8	
U506	056G1133955	IC CAT24C02YI-GT3 TSSOP-8	

U502	056G1133955	IC CAT24C02YI-GT3 TSSOP-8	
U105	056G1133955	IC CAT24C02YI-GT3 TSSOP-8	
U405	056G1133X02	EEPROM CAT24C128YI-GT3 128KB TSSOP8	
SMTF-U403	100TPKVM010DTX	MCU ASS'Y-056G1133121	
SMTF-U405	100TPKVM011DTX	MCU ASS'Y-056G1133X02	
SMTF-U505	100TPKVMA05DTD	MCU ASS'Y-056G1133955	
SMTF-U502	100TPKVMB05DTD	MCU ASS'Y-056G1133955	
SMTF-U506	100TPKVMC05DTD	MCU ASS'Y-056G1133955	
SMTF-U105	100TPKVMV05DTD	MCU ASS'Y-056G1133955	
CN410	033G3802 3H	WAFER 3P RIGHT ANGLE	
CN401	033G380213B YH	WAFER 2.0MM 13P	
C701	067G215H1014CT	EC 100UF 20% 25V SY 8*7	
C705	067G215H1014CT	EC 100UF 20% 25V SY 8*7	
C671	067G305M101 2C	EC 100UF 10V SK 5X7MM	
C306	067G305S101 3H	100UF +-20% 16V	
C302	067G305S101 3H	100UF +-20% 16V	
C419	067G315M1013HV	105 度 100UF,M,16V	
C7006	067G315M1016HV	EC 100UF 20% 35V 8*7	
C703	067G315M1016HV	EC 100UF 20% 35V 8*7	
C685	067G315M1016HV	EC 100UF 20% 35V 8*7	
C638	067G315M1016HV	EC 100UF 20% 35V 8*7	
C630	067G315M1016HV	EC 100UF 20% 35V 8*7	
C631	067G315M1016HV	EC 100UF 20% 35V 8*7	
C635	067G315M1016HV	EC 100UF 20% 35V 8*7	
C662	067G315M1016KV	EC 100UF 20% 35V 8*7	
C663	067G315M1016KV	EC 100UF 20% 35V 8*7	
CN102	088G 30288C	PHONE JACK 3P GREEN - 1 1	
CN605	088G 78F111UCL	RCA JACK R/A 6DEGREE 2P BLACK 1*1 H=8.45	
CN122	088G 78F112UCL	RCA JACK 2P YELLOW 1*1 R/A 16.5	
CN121	088G 78F131UCL	RCA JACK 6P Y/W/R 1*3 R/A 16.5	
CN702	088G 78F151UCL	RCA JACK R/A 6DEGREE 10P 1*5 H=8.5	
CN601	088G302C5B1ACL	PHONE JACK R/A 5P BLACK H=6.2	
CN101	088G353FFF4UCL	D-SUB CONN R/A 15P BLUE8.5MM	
TU101	094G PAL D 8L	TUNER CHINA F86WT-17-E	
CN603	311GW250B03BBX	WAFER 2.5MM 3P R/A 10MM 10.5MM	
CN602	311GW250B04BBX	WAFER 2.5MM 4P	
CN701	311GW250B13BBX	WAFER 2.5MM 13P R/A 35MM 7MM	
	709T4611 XM001	COMSUPTIVE ASS'Y	
	055G 23524	WELDING FLUX WITHOUT PB	
	Q55G 100625	TIN STICK_LOW ARGENTUM	
CN704	033G8032 3F S B	CONN 1.25MM 3P	
U401	056G 562384	SCALER MT5301BGMU LQFP-256	
U7007	056G 563124	IC G9084TU3U TO-263T	
U607	056G 563149	IC G903T63UF 0.6A/3.3V SOT-223	
U705	056G 563149	IC G903T63UF 0.6A/3.3V SOT-223	
U704	056G 563167	IC G5657F12U SOP-8	
U702	056G 563179	DC/DC CONVERTER IC SC189ASKTRT SOT23-5	

U706	056G 563179	DC/DC CONVERTER IC SC189ASKTRT SOT23-5	
U703	056G 563211	IC DC/DC AOZ1212AI SO-8	
U701	056G 563289	DC/DC TPS54319RTER QFN-16	
U602	056G 593 39	IC STA339BWTR POWERSSO36	
U402	056G 615 97	DRAM NT5TU64M16DG-BD 1GB BGA-84	
U402	056G 615503	W971GG6JB-18 1066MB DDR2-1066 1G WBGA84	
U603	056G 616 76	AUDIO STA515W13TR 20W POWERSSO36	
U606	056G 616916	IC MAX9728AETC+ TQFN-EP-12	
U501	056G 623 43	SWITCH TMDS361BPAGR TQFP-64	
U406	056G 643 46	IC RESET AZ809ANSTR-E1 SOT-23 2.93V	
U102	056G 665110	MULTIPLEXER CD4052BPWR TSSOP-16	
U403	056G1133121	IC HY27US08561A-TPCB 256MB TSOP1-48	
U506	056G1133955	IC CAT24C02YI-GT3 TSSOP-8	
U505	056G1133955	IC CAT24C02YI-GT3 TSSOP-8	
U502	056G1133955	IC CAT24C02YI-GT3 TSSOP-8	
U105	056G1133955	IC CAT24C02YI-GT3 TSSOP-8	
U405	056G1133X02	EEPROM CAT24C128YI-GT3 128KB TSSOP8	
Q706	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q704	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q703	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q701	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q508	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q507	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q506	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q505	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q503	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q501	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q401	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q1107	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q105	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q102	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q101	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q1108	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q1106	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q601	057G 477900 T	TRA SIG SM BC847C (KEC0) R	
Q602	057G 477900 T	TRA SIG SM BC847C (KEC0) R	
Q709	057G 763 79	FET AO4449 -7A/-30V SOIC-8	
Q707	057G 763 79	FET AO4449 -7A/-30V SOIC-8	
Q1103	057G 763904	TRA FET 2N7002 SOT-23 PHILIPS	
Q1102	057G 763904	TRA FET 2N7002 SOT-23 PHILIPS	
RP402	061G 1261018JF	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	
RP401	061G 1261018JF	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	
RP403	061G 1261018JF	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	
RP404	061G 1261018JF	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	
RP405	061G 1261018JF	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	
RP406	061G 1261018JF	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	
TH301	061G 56A100 WT	PTCR SMD 0.21R MAX 0.8W	

TH302	061G 56A100 WT	PTCR SMD 0.21R MAX 0.8W	
R418	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R417	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R416	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R415	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R414	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R413	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R405	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R401	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R318	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R317	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R419	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R420	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R421	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R422	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R436	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R445	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R446	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R447	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R448	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R449	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R450	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R308	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R105	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1130	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1131	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1132	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1133	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1141	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1145	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1151	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1183	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R1185	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R143	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R160	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R165	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R166	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R191	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R193	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R207	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R208	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R214	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R217	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R307	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R531	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R530	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R710	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	

R705	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R636	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R635	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R629	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R507	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R489	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R488	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R482	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R481	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R466	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R454	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R453	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R451	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R614	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN	
R162	061G04021000FY	RST CHIP 100R 1/16W 1%	
R407	061G04021001FY	RST CHIP 1K 1/16W 1%	
R408	061G04021001FY	RST CHIP 1K 1/16W 1%	
R753	061G04021002FT	RST CHIPR 10K +-1% 1/16W TZAI YUAN	
R748	061G04021002FT	RST CHIPR 10K +-1% 1/16W TZAI YUAN	
R742	061G04021002FT	RST CHIPR 10K +-1% 1/16W TZAI YUAN	
R733	061G04021002FT	RST CHIPR 10K +-1% 1/16W TZAI YUAN	
R767	061G04021003FI	RST CHIP 100K 1/16W 1% TA-I	
R535	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R536	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R541	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R542	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R607	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R154	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R156	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R170	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R210	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R502	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R1138	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R1139	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R138	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R202	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R203	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R423	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R424	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R483	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R501	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R547	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R545	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R543	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R539	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R537	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R518	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	

R514	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R505	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R503	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R403	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R188	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R140	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R1149	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R747	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R731	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R724	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R713	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R709	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R556	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R552	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R551	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN	
R606	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R638	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R624	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R623	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R620	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R619	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R617	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R616	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R609	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R553	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R478	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R477	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R640	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R641	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R703	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R707	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R714	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R715	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R717	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R723	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R744	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R411	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R425	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R106	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R107	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R114	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R115	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R1152	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R1158	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R1166	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R126	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R128	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	

R173	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R174	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R475	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R465	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R461	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R429	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R409	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R404	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R222	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R212	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R187	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R186	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R185	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R468	061G0402104 JF	RST CHIPR 100KOHM +-5% 1/16W FENGHUA	
R1148	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	
R1191	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	
R772	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN	
R201	061G0402105 JT	RST CHIP R 1MOHM 1/16W +/-5% TZAI YUAN	
R204	061G0402105 JT	RST CHIP R 1MOHM 1/16W +/-5% TZAI YUAN	
R701	061G0402122 JY	RST CHIPR 1200 OHM 1/16W YAGEO	
R741	061G0402123 JT	RST CHIPR 12KOHM +-5% 1/16W TZAI YUAN	
R412	061G04021301FT	RST 0402 1.3K 1% 1/16W	
R737	061G04021502FT	RST 0402 15K 1% 1/16W	
R199	061G0402180 JT	RST CHIP 18R 1/16W 5% TZAI YUAN	
R205	061G0402180 JT	RST CHIP 18R 1/16W 5% TZAI YUAN	
R225	061G0402180 JT	RST CHIP 18R 1/16W 5% TZAI YUAN	
R729	061G04021803FT	RST 0402 180K 1/16W 1% TZAI YUAN	
R749	061G04022001FF	RST CHIPR 2KOHM +-1% 1/16W FENGHUA	
R735	061G0402203 JF	RST CHIPR 20KOHM +-5% 1/16W FENGHUA	
R633	061G04022201FT	RST CHIPR 2K2 +-1% 1/16W TZAI YUAN	
R464	061G0402222 JF	RST CHIPR 2.2KOHM +-5% 1/16W FENGHUA	
R706	061G0402222 JF	RST CHIPR 2.2KOHM +-5% 1/16W FENGHUA	
R306	061G0402223 JI	TEST ONLY RST 0402 22K 5% 1/16W TA-I	
R304	061G0402223 JI	TEST ONLY RST 0402 22K 5% 1/16W TA-I	
R716	061G0402223 JT	RST CHIP 22K 1/16W 5% TZAI YUAN	
R630	061G0402229 JT	RST CHIP 2R2 1/16W 5% TZAI YUAN	
R463	061G04022701FT	RST 0402 2.7K 1% 1/16W TZAI YUAN	
R462	061G04022701FT	RST 0402 2.7K 1% 1/16W TZAI YUAN	
R743	061G04022701FY	RST CHIP 2.7K 1/16W 1%	
R730	061G04023000FT	RST CHIP 300R 1/16W 1%	
R1156	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN	
R1155	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN	
R1154	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN	
R1153	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN	
R766	061G04023302FI	RST 0402 33K 1% 1/16W TA-I	
R513	061G04024021FT	RST 0402 4.02K 1% 1/16W	
R487	061G0402432 JT	RST CHIP 4K3 1/16W 5% TZAI YUAN	

R444	061G0402470 JF	RST CHIPR 47 OHM 5% 1/16W FENGHUA	
R740	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R610	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R538	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R506	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R473	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R472	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R456	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R406	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R189	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R745	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R746	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R1140	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R1143	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R153	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R155	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN	
R510	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R534	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R544	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R311	061G0402473 JI	TEST ONLY RST 0402 47K 5% 1/16W TA-I	
R305	061G0402473 JI	TEST ONLY RST 0402 47K 5% 1/16W TA-I	
R734	061G0402473 JT	RST CHIP 47K 1/16W 5% TZAI YUAN	
R711	061G0402473 JT	RST CHIP 47K 1/16W 5% TZAI YUAN	
R177	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R113	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R112	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R111	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R110	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R178	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R179	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R180	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R218	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R223	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R224	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R227	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R504	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R540	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R546	061G0402474 JT	RST CHIP 470K 1/16W 5% TZAI YUAN	
R1160	061G0402510 JF	RST CHIP 51R 1/16W 5% FENGHUA	
R1159	061G0402510 JF	RST CHIP 51R 1/16W 5% FENGHUA	
R200	061G04025101FF	RST CHIP 5.1K 1/16W 1% FENGHUA	
R183	061G04025101FF	RST CHIP 5.1K 1/16W 1% FENGHUA	
R176	061G04025101FF	RST CHIP 5.1K 1/16W 1% FENGHUA	
R175	061G04025101FF	RST CHIP 5.1K 1/16W 1% FENGHUA	
R109	061G04025101FF	RST CHIP 5.1K 1/16W 1% FENGHUA	
R108	061G04025101FF	RST CHIP 5.1K 1/16W 1% FENGHUA	
R410	061G04025101FT	RST CHIP 5.1K 1/16W 1% TZAI YUAN	

R216	061G0402560 JI	RST 0402 56R 5% 1/16W	
R215	061G0402560 JT	RST CHIP 56R 1/16W 5% TZAI YUAN	
R226	061G0402560 JT	RST CHIP 56R 1/16W 5% TZAI YUAN	
R486	061G04025600FI	TEST ONLY RST 0402 560R 1% 1/16W TA-I	
R725	061G0402563 JF	RST CHIPR 56KOHM 1/16W FENGHUA	
R726	061G0402563 JF	RST CHIPR 56KOHM 1/16W FENGHUA	
R104	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R148	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R158	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R161	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R164	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R181	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R213	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R219	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R1157	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN	
R103	061G04027509FT	RST CHIP 75R 1/16W 1%	
R157	061G04027509FT	RST CHIP 75R 1/16W 1%	
R159	061G04027509FT	RST CHIP 75R 1/16W 1%	
R163	061G04027509FT	RST CHIP 75R 1/16W 1%	
R192	061G04027509FT	RST CHIP 75R 1/16W 1%	
R728	061G0402752 JF	RST CHIP 7K5 1/16W 5% FENGHUA	
R732	061G04028201FT	RST 0402 8.2K 1% 1/16W TZAI YUAN	
R736	061G04028202FF	RST CHIPR 82KOHM +-1% 1/16W FENGHUA	
R712	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R526	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R221	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R220	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R172	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R171	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R1162	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R1161	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R752	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R751	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R750	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R533	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R528	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R101	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R102	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R1173	061G06031001FT	RST CHIP 1K 1/10W 1%	
R470	061G06031001FT	RST CHIP 1K 1/10W 1%	
R628	061G06031008FT	RST 0603 1R 1% 1/10W TZAI YUAN	
R605	061G0603101 JT	RST CHIP 100R 1/10W 5% TZAI YUAN	
R512	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R515	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R519	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R520	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R548	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	

R727	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R601	061G0603104 JT	RST CHIP 100K 1/10W 5% TZAI YUAN	
R484	061G06031101FF	RST CHIPR 1.1KOHM +-1% 1/10W FENGHUA	
R485	061G06031101FF	RST CHIPR 1.1KOHM +-1% 1/10W FENGHUA	
R769	061G0603122 JT	RST CHIP 1K2 1/10W 5% TZAI YUAN	
R612	061G0603153 JT	RST CHIPR 15KOHM 1/10W TZAI YUAN	
R603	061G0603182 JT	RST CHIPR 1.8KOHM 1/10W TZAI YUAN	
R608	061G0603182 JT	RST CHIPR 1.8KOHM 1/10W TZAI YUAN	
R639	061G0603182 JT	RST CHIPR 1.8KOHM 1/10W TZAI YUAN	
R604	061G06032400FT	RST CHIP 240R 1/10W 1%	
R508	061G0603273 JT	RST CHIP 27K 1/10W 5% TZAI YUAN	
R1174	061G06033001FT	RST CHIP 3K 1/10W 1%	
R516	061G0603472 JT	RST CHIP 4K7 1/10W 5% TZAI YUAN	
R517	061G0603472 JT	RST CHIP 4K7 1/10W 5% TZAI YUAN	
R549	061G0603472 JT	RST CHIP 4K7 1/10W 5% TZAI YUAN	
R550	061G0603472 JT	RST CHIP 4K7 1/10W 5% TZAI YUAN	
R554	061G0603472 JT	RST CHIP 4K7 1/10W 5% TZAI YUAN	
R555	061G0603472 JT	RST CHIP 4K7 1/10W 5% TZAI YUAN	
R611	061G0603474 JT	RST CHIPR 470KOHM +-5% 1/10W TZAI YUAN	
R471	061G06036801FT	RST CHIP 6K8 1/10W 1%	
R1176	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
R230	061G12060004JI	RST 1206 MAX 5% 1/4W	
R229	061G12060004JI	RST 1206 MAX 5% 1/4W	
R228	061G12060004JI	RST 1206 MAX 5% 1/4W	
R231	061G12060004JI	RST 1206 MAX 5% 1/4W	
R232	061G12060004JI	RST 1206 MAX 5% 1/4W	
R1175	061G1206150 JT	RST CHIPR 15 OHM +-5% 1/4W TZAI YUAN	
R1172	061G1206150 JT	RST CHIPR 15 OHM +-5% 1/4W TZAI YUAN	
R1171	061G1206150 JT	RST CHIPR 15 OHM +-5% 1/4W TZAI YUAN	
R626	061G1206220 JF	RST CHIPR 22 OHM +-5% 1/4W FENGHUA	
R631	061G1206220 JF	RST CHIPR 22 OHM +-5% 1/4W FENGHUA	
R643	061G1206220 JF	RST CHIPR 22 OHM +-5% 1/4W FENGHUA	
R642	061G1206629 JT	RST CHIPR 6.2 OHM +-5% 1/4W TZAI YUAN	
R637	061G1206629 JT	RST CHIPR 6.2 OHM +-5% 1/4W TZAI YUAN	
R634	061G1206629 JT	RST CHIPR 6.2 OHM +-5% 1/4W TZAI YUAN	
R632	061G1206629 JT	RST CHIPR 6.2 OHM +-5% 1/4W TZAI YUAN	
R627	061G1206629 JT	RST CHIPR 6.2 OHM +-5% 1/4W TZAI YUAN	
R625	061G1206629 JT	RST CHIPR 6.2 OHM +-5% 1/4W TZAI YUAN	
C1150	065G040210131J A	CAP CHIP 0402 100PF J 50V NPO	
C1151	065G040210131J A	CAP CHIP 0402 100PF J 50V NPO	
C1154	065G040210131J A	CAP CHIP 0402 100PF J 50V NPO	
C673	065G040210232K Y	CAP CHIP 0402 1N 50V X7R +/-10%	
C668	065G040210232K Y	CAP CHIP 0402 1N 50V X7R +/-10%	
C665	065G040210232K Y	CAP CHIP 0402 1N 50V X7R +/-10%	
C653	065G040210232K Y	CAP CHIP 0402 1N 50V X7R +/-10%	
C650	065G040210232K Y	CAP CHIP 0402 1N 50V X7R +/-10%	
C648	065G040210232K Y	CAP CHIP 0402 1N 50V X7R +/-10%	

C633	065G040210232K	Y	CAP CHIP 0402 1N 50V X7R +/-10%	
C629	065G040210232K	Y	CAP CHIP 0402 1N 50V X7R +/-10%	
C627	065G040210232K	Y	CAP CHIP 0402 1N 50V X7R +/-10%	
C109	065G040210332K	Y	CAP CHIP 0402 10N 50V X7R +/-10%	
C110	065G040210332K	Y	CAP CHIP 0402 10N 50V X7R +/-10%	
C505	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C506	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C507	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C508	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C509	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C510	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C512	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C513	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C514	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C515	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C516	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C707	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C743	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C747	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C504	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C135	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C140	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C201	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C202	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C203	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C204	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C205	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C206	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C303	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C308	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C456	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C460	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C461	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C502	065G040210412K	3	CAP CHIP 0402 100N 16V X7R +/-10%	
C738	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	
C799	065G040210412K	M	CAP 0402 0.1UF 10% 16V X7R	
C416	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C417	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C418	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C421	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C422	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C423	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C424	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C425	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C432	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C433	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C434	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	

C415	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C414	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C411	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C410	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C409	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C408	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C407	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C406	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C405	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C404	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C1145	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C435	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C450	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C451	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C463	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C464	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C465	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C466	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C467	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C468	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C469	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C470	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C471	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C472	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C436	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C437	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C438	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C439	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C440	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C442	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C444	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C445	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C446	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C447	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C448	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C449	065G040210412K	T	CAP CHIP 0402 100NF 16V X7R	
C1141	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	
C1144	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	
C1162	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	
C604	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	
C718	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	
C7001	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	
C618	065G040210503K	M	CAP 0402 1UF 10% 6.3V SL	
C617	065G040210503K	M	CAP 0402 1UF 10% 6.3V SL	
C606	065G0402105A5K	3	CAP CHIP 0402 1UF K 10V X5R	
C102	065G0402105A5K	3	CAP CHIP 0402 1UF K 10V X5R	
C103	065G0402105A5K	3	CAP CHIP 0402 1UF K 10V X5R	

C615	065G0402105A5K	3	CAP CHIP 0402 1UF K 10V X5R	
C722	065G0402105A5K	3	CAP CHIP 0402 1UF K 10V X5R	
C723	065G0402105A5K	3	CAP CHIP 0402 1UF K 10V X5R	
C739	065G0402105A5K	3	CAP CHIP 0402 1UF K 10V X5R	
C750	065G0402105A5K	3	CAP CHIP 0402 1UF K 10V X5R	
C159	065G040215031J	Y	CAP CHIP 0402 15PF J 50V NPO	
C153	065G040215031J	Y	CAP CHIP 0402 15PF J 50V NPO	
C152	065G040215031J	Y	CAP CHIP 0402 15PF J 50V NPO	
C744	065G040218131J	A	MLCC 0402 180PF 50V NP0 +-5% SAMSUNG	
C732	065G040218131J	A	MLCC 0402 180PF 50V NP0 +-5% SAMSUNG	
C1143	065G040222031J	T	CAP CHIP 0402 22PF J 50V NPO	
C1142	065G040222031J	T	CAP CHIP 0402 22PF J 50V NPO	
C146	065G040222031J	Y	CAP CHIP 0402 22P 50V NP0 +/-5%	
C139	065G040222031J	Y	CAP CHIP 0402 22P 50V NP0 +/-5%	
C138	065G040222031J	Y	CAP CHIP 0402 22P 50V NP0 +/-5%	
C147	065G040222031J	Y	CAP CHIP 0402 22P 50V NP0 +/-5%	
C1155	065G040222131J	T	CAP CHIP 0402 220PF 50V NPO	
C745	065G040222232K	A	CAP 0402 2.2NF 10% 50V X7R	
C454	065G040222415K	T	CAP CHIP 0402 220NF K 16V X5R	
C457	065G040227031J	A	CAP 0402 27PF 5% 50V NP0	
C458	065G040227031J	A	CAP 0402 27PF 5% 50V NP0	
C207	065G040233031J	Y	CAP CHIP 0402 33P 50V NP0 +/-5%	
C624	065G040233131J	A	MLCC 0402 330PF 50V NP0 +-5%	
C651	065G040233131J	A	MLCC 0402 330PF 50V NP0 +-5%	
C664	065G040233131J	A	MLCC 0402 330PF 50V NP0 +-5%	
C713	065G040233232K	A	CAP CHIP 0402 3.3NF K 50V X7R	
C141	065G040247031J	A	CAP 0402 47PF 5% 50V NP0	
C142	065G040247031J	A	CAP 0402 47PF 5% 50V NP0	
C156	065G040247031J	A	CAP 0402 47PF 5% 50V NP0	
C614	065G040247031J	A	CAP 0402 47PF 5% 50V NP0	
C619	065G040247031J	A	CAP 0402 47PF 5% 50V NP0	
C107	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C108	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C1147	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C155	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C401	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C402	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C654	065G040268132K	A	CAP 0402 680PF 10% 50V X7R	
C1152	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C1153	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C118	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C132	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C133	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C134	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C151	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C154	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C157	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	

C158	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C725	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C726	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C754	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C755	065G060310332K	A	CAP 0603 10NF 10% 50V X7R	
C426	065G060310412K	M	MLCC 0603 CAP 0.1UF 16V X7R	
C427	065G060310412K	M	MLCC 0603 CAP 0.1UF 16V X7R	
C428	065G060310412K	M	MLCC 0603 CAP 0.1UF 16V X7R	
C429	065G060310412K	M	MLCC 0603 CAP 0.1UF 16V X7R	
C430	065G060310412K	M	MLCC 0603 CAP 0.1UF 16V X7R	
C113	065G060310432K	Y	CAP 0603 100NF 10% 50V X7R	
C702	065G060310432K	Y	CAP 0603 100NF 10% 50V X7R	
C704	065G060310432K	Y	CAP 0603 100NF 10% 50V X7R	
C710	065G060310432K	Y	CAP 0603 100NF 10% 50V X7R	
C716	065G060310432K	Y	CAP 0603 100NF 10% 50V X7R	
C735	065G060310432K	Y	CAP 0603 100NF 10% 50V X7R	
C603	065G060310437Z	Y	CAP CHIP 0603 100N 50V Y5V -20%+80%	
C734	065G060310512K	3	CAP 0603 1UF 10% 16V X7R	
C1164	065G060310512K	3	CAP 0603 1UF 10% 16V X7R	
C611	065G060310512K	T	CAP 0603 1UF 10% 16V X7R	
C613	065G060310512K	T	CAP 0603 1UF 10% 16V X7R	
C762	065G060310512K	T	CAP 0603 1UF 10% 16V X7R	
C403	065G060310517Z	3	CAP CHIP 0603 1UF 16V Y5V -20%+80%	
C687	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C688	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C683	065G060310605M	M	CAP 0603 10UF 20% 6.3V X5R	
C682	065G060310605M	M	CAP 0603 10UF 20% 6.3V X5R	
C681	065G060310605M	M	CAP 0603 10UF 20% 6.3V X5R	
C680	065G060310605M	M	CAP 0603 10UF 20% 6.3V X5R	
C149	065G060315232K	3	CAP 0603 1.5NF 10% 50V X7R	
C119	065G060315232K	3	CAP 0603 1.5NF 10% 50V X7R	
C714	065G060322422K	T	CAP CHIP0603 220NF K 25V X7R	
C733	065G080510232K	Y	CAP CHIP 0805 1N 50V X7R +/-10%	
C669	065G080510241J	Y	CAP CHIP 0805 1NF J 100V NP0	
C620	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C659	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C661	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C666	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C670	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C672	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C674	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C676	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C677	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C678	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C679	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C658	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C657	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	

C656	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C652	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C647	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C646	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C645	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C644	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C643	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C642	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C621	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C622	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C623	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C626	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C632	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C640	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C639	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C637	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C634	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C636	065G080510432K	A	CAP CHIP 0805 0.1UF K 50V X7R	
C607	065G080510522K	3	CAP CHIP 0805 1U 25V X7R +/-10%	
C608	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C610	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C625	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C641	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C660	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C675	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C766	065G080510615K	A	CAP 0805 10UF 10% 16V X5R	
C765	065G080510615K	A	CAP 0805 10UF 10% 16V X5R	
C753	065G080510615K	A	CAP 0805 10UF 10% 16V X5R	
C752	065G080510615K	A	CAP 0805 10UF 10% 16V X5R	
C751	065G080510615K	A	CAP 0805 10UF 10% 16V X5R	
C749	065G080510615K	A	CAP 0805 10UF 10% 16V X5R	
C748	065G080510615K	A	CAP 0805 10UF 10% 16V X5R	
C737	065G080510615K	A	CAP 0805 10UF 10% 16V X5R	
C727	065G080510615K	A	CAP 0805 10UF 10% 16V X5R	
C724	065G080510615K	A	CAP 0805 10UF 10% 16V X5R	
C311	065G080510615K	A	CAP 0805 10UF 10% 16V X5R	
C136	065G080510615K	A	CAP 0805 10UF 10% 16V X5R	
C112	065G080510615K	A	CAP 0805 10UF 10% 16V X5R	
C111	065G080510615K	A	CAP 0805 10UF 10% 16V X5R	
C105	065G080510615K	A	CAP 0805 10UF 10% 16V X5R	
C104	065G080510615K	A	CAP 0805 10UF 10% 16V X5R	
C742	065G080510615K	M	CAP CHIP 0805 10UF K 16V X5R	
C741	065G080510615K	M	CAP CHIP 0805 10UF K 16V X5R	
C736	065G080510615K	M	CAP CHIP 0805 10UF K 16V X5R	
C728	065G080510615K	M	CAP CHIP 0805 10UF K 16V X5R	
C150	065G080510615K	M	CAP CHIP 0805 10UF K 16V X5R	
C148	065G080510615K	M	CAP CHIP 0805 10UF K 16V X5R	

C137	065G080510615K	M	CAP CHIP 0805 10UF K 16V X5R	
C609	065G0805106A5K	3	CHIP 10UF 10V X5R 10%	
C684	065G0805106A5K	3	CHIP 10UF 10V X5R 10%	
C717	065G0805106A5K	3	CHIP 10UF 10V X5R 10%	
C706	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C503	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C501	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C462	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C441	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C420	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C413	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C412	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C1140	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C114	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C101	065G0805106A7Z	3	CAP CHIP 0805 10UF 10V Y5V -20~+80%	
C7003	065G080522605M	M	CAP 0805 22UF 20% 6.3V X5R	
C1163	065G080533422K	3	330NF 10% 25V X7R	
C655	065G080547232K	Y	CAP CHIP 0805 4N7 50V X7R +/-10%	
C431	065G080547515K	3	MLCC 0805 4U7 16V X5R +/-10%	
C628	065G120610432K	Y	CER 1206 100N 50V X7R +/-10%	
C649	065G120610432K	Y	CER 1206 100N 50V X7R +/-10%	
C667	065G120610432K	Y	CER 1206 100N 50V X7R +/-10%	
C730	065G120610532K	3	CAP 1206 1UF 10% 50V X7R	
C731	065G120610532K	3	CAP 1206 1UF 10% 50V X7R	
C720	065G1206226A5K	T	CAP CHIP1206 22UF K 10V X5R	
C721	065G1206226A5K	T	CAP CHIP1206 22UF K 10V X5R	
C1139	067G 3112213CT		EC SMD 220UF 16V HV 6.3*7.7	
C443	067G 3112213CT		EC SMD 220UF 16V HV 6.3*7.7	
U405	070GHDCP500HDC		HDCP CODE	
FB107	071G 56121 TA		CHIP BEAD 0805 120R/3A HCB2012KF-121T30	
FB715	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB726	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB713	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB703	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB702	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB701	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB617	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB616	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB615	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB105	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB601	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB602	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB603	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB609	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB611	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB612	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB613	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	

FB614	071G 56K121 TA	CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB716	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB717	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB718	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB719	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB721	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB723	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB725	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB727	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB728	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB729	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB730	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB737	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB746	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB610	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB101	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB106	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB1102	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB1107	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB1108	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB201	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB202	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB501	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB502	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB503	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB504	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB505	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB604	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB606	071G 59C601 TA	CHIP BEAD 600R/200MA FCM1608K-601T02	
FB607	071G 59C601 TA	CHIP BEAD 600R/200MA FCM1608K-601T02	
FB608	071G 59C601 TA	CHIP BEAD 600R/200MA FCM1608K-601T02	
FB618	071G 59C601 TA	CHIP BEAD 600R/200MA FCM1608K-601T02	
FB619	071G 59C601 TA	CHIP BEAD 600R/200MA FCM1608K-601T02	
FB113	071G 59K300 TA	CHIP BEAD 0603 30R 25% 700MA	
FB112	071G 59K300 TA	CHIP BEAD 0603 30R 25% 700MA	
FB111	071G 59K300 TA	CHIP BEAD 0603 30R 25% 700MA	
FB110	071G 59K300 TA	CHIP BEAD 0603 30R 25% 700MA	
FB109	071G 59K300 TA	CHIP BEAD 0603 30R 25% 700MA	
FB108	071G 59K300 TA	CHIP BEAD 0603 30R 25% 700MA	
L1103	073G 63108 T	CHIP INDUCTOR 0U10 10% MLF1608DR10KT	
L1106	073G 63128GKU	MTK-ASSIGN CHIP INDUCTOR 0.12UH 10% 0.5R	
L1105	073G 63128GKU	MTK-ASSIGN CHIP INDUCTOR 0.12UH 10% 0.5R	
L101	073G 6318910J	0603 1.8UH +-10%	
L1104	073G 63228GKU	MTK-ASSIGN CHIP INDUCTOR 0.22UH 10% 0.8R	
L606	073G253S 36 H HF	SMD CHOKE 22UH 20% SPI105LRR-220 3.5A,HF	
L605	073G253S 36 H HF	SMD CHOKE 22UH 20% SPI105LRR-220 3.5A,HF	
L604	073G253S 36 H HF	SMD CHOKE 22UH 20% SPI105LRR-220 3.5A,HF	

L603	073G253S 36 H HF	SMD CHOKE 22UH 20% SPI105LRR-220 3.5A,HF	
L602	073G253S 36 H HF	SMD CHOKE 22UH 20% SPI105LRR-220 3.5A,HF	
L601	073G253S 36 H HF	SMD CHOKE 22UH 20% SPI105LRR-220 3.5A,HF	
L703	073G253S 57 K	SMD CHOKE 10UH 4A	
L702	073G253S 68 M	SMD CHOKE 2.2UH 30% 0.031R 2A	
L705	073G253S 68 M	SMD CHOKE 2.2UH 30% 0.031R 2A	
L704	073G253S 83 DN	HF SMD CHOKE 47UH 20% 0.13R LZ.2B470.A2P	
L701	073G253S 96 M1	SMD CHOKE 1.5UH 10% 0.015R 9A	
CN506	088G 34019K AV	HDMI HEADER R/A 19P BLACK H=8.4	
CN507	088G 34019K AV	HDMI HEADER R/A 19P BLACK H=8.4	
CN508	088G 34019K AV	HDMI HEADER R/A 19P BLACK H=8.4	
CN104	088G352F4B3ACL	USB CONN 8P BLACK 2*4 R/A 14.2	
CN103	088G352F4B4ACL	USB CONN A TYPE R/A 4P BLACK H=8.5	
D101	093G 60518SEM	SCHOTTKY BAT54C-HAF 0.2A 30V SOT-23	
D505	093G 60518SEM	SCHOTTKY BAT54C-HAF 0.2A 30V SOT-23	
D516	093G 60518SEM	SCHOTTKY BAT54C-HAF 0.2A 30V SOT-23	
D604	093G 60518SEM	SCHOTTKY BAT54C-HAF 0.2A 30V SOT-23	
X401	093G 22S921 H	CRYSTAL X1H027000FK1H-V 27 30 20	
ZD601	093G 39S 47	BZX84C3V6 SOT-23	
ZD139	093G 39S902	DIODE BZX384-C5V6 SOD-323 VISHAY	
ZD139	093G 39S926 T	DIODE BZX384-C5V6 SOD323	
D603	093G 52S902 T	DIODE 3A/100V S3B DO-214AB	
D702	093G 60S927 T	DIODE SX34 DO-214AA	
D704	093G 60S927 T	DIODE SX34 DO-214AA	
ZD137	093G 64S500 SU	ESD MLVG04025R0QV05BP INPAQ	
ZD138	093G 64S500 SU	ESD MLVG04025R0QV05BP INPAQ	
D606	093G 64S522SEM	LL4148	
D605	093G 64S522SEM	LL4148	
D602	093G 64S522SEM	LL4148	
D601	093G 64S522SEM	LL4148	
D504	093G 64S900 T	DIODE BAS316 SOD-323 PHILIPS	
CN703	311GW100B02ACH	WAFER 1.0MM 2P A1001WV-S-02P	
CN414	311GW100D40BDH	WAFER 1.0MM 40P A1001WR-S-2X20PR6NG1GS1R	
	709T4611 XS001	COMSUPTIVE ASS'Y	
	055G 100610	TIN CREAM W/O PB	
	052G6026 2	MESH PRINTTING PAPER	
	055G 23520	IPA	
	052G 2191 A	PAPER TAPE	
E715	715G4611M1A000004K	MAIN BOARD PCB	
	X90G8013 1	HEAT SINK FOR U401	
	LNTV1Q808AXZ3	POWER BOARD	
	040G 45762412B	CBPC LABEL	
	009G6005 1	GROUND TERMINAL	
CN8104	033G380212H	WAFER 2.0MM 12P	
IC9802	056G 139 3B	IC PC123Y82FZ0F	
IC9302	056G 139 3B	IC PC123Y82FZ0F	

IC9202	056G 139 3B	IC PC123Y82FZ0F	
IC9102	056G 139 3B	IC PC123Y82FZ0F	
IC9301	056G 379121	IC STR- A6069H DIP-8	
Q9201	057G 611 9	MOSFET 2SK4097LS-MG5 9.5 500 TO-220FI	
Q9202	057G 611 9	MOSFET 2SK4097LS-MG5 9.5 500 TO-220FI	
RV9901	061G 46 20 W	VARISTOR 560V 10% 14*5	
NR9901	061G 58109MYW 8A	NTCR 1R 20% 3.6W	
NR9902	061G 58109MYW 8A	NTCR 1R 20% 3.6W	
NR9801	061G 58309MYW 7A	NTCR 3R 20% 3.6W 7A	
R9801	061G153M10059B SY	RST MOF 10R 5% 3WS PITCH=20MM	
R9808	061G3SWJ50759B SY	RST WD 0.05R 5% 3W	
C9901	063G107K474AUZ E	CAP X2 470NF 10% 305V	
C9902	063G107K474AUZ E	CAP X2 470NF 10% 305V	
C9801	063G210K684BZU E	CAP MPP 680NF 10% 520V BULK (B)	
C9213	063G211J1035ZU E	CAP MPP 10NF 5% 1KV	
C9107	063G211J3334ZU E	CAP MPP 33NF 5% 630V	
C9101	065G 1M1033ZS	CAP CER 10NF 20% 1KV Y5U	
C9119	065G 1M1033ZS	CAP CER 10NF 20% 1KV Y5U	
C9313	065G 1M1033ZS	CAP CER 10NF 20% 1KV Y5U	
C9111	065G 3J1006ES	CAP CER 10PF J 3KV SL	
C9217	065G 3J1006ES	CAP CER 10PF J 3KV SL	
C9911	065G306K2212BM	CAP Y1 220PF 10% 250V Y5P	
C9912	065G306K2212BM	CAP Y1 220PF 10% 250V Y5P	
C9913	065G306K2212BM	CAP Y1 220PF 10% 250V Y5P	
C9914	065G306K2212BM	CAP Y1 220PF 10% 250V Y5P	
C9915	065G306K2212BM	CAP Y1 220PF 10% 250V Y5P	
C9314	065G306K4712BM	Y1 CAP 470PF +-10% 250V AC KX	
C9102	065G306K4712BM	Y1 CAP 470PF +-10% 250V AC KX	
C9814	065G306M1023H3	CAP Y1 1NF 20% 250V Y5U	
C9813	067G 42Z47015K	EC 47UF 20% 450V LF 10*50	
C9804	067G 42Z47015K	EC 47UF 20% 450V LF 10*50	
C9803	067G 42Z47015K	EC 47UF 20% 450V LF 10*50	
C9802	067G 42Z47015K	EC 47UF 20% 450V LF 10*50	
C9316	067G204S4712KE	CAP CS 470UF 20% 10V 8*7 2000 HR	
C9315	067G204S4712KE	CAP CS 470UF 20% 10V 8*7 2000 HR	
C9304	067G204S4712KE	CAP CS 470UF 20% 10V 8*7 2000 HR	
C8101	067G215C1007KE	EC 10UF 20% 50V 8*9	
C8105	067G215C1007KE	EC 10UF 20% 50V 8*9	
C9118	067G215C1007KE	EC 10UF 20% 50V 8*9	
C9209	067G215C1007KE	EC 10UF 20% 50V 8*9	
C9310	067G215C1007KE	EC 10UF 20% 50V 8*9	
C9806	067G215C1007KE	EC 10UF 20% 50V 8*9	
C9815	067G215C1007KE	EC 10UF 20% 50V 8*9	
C9307	067G215C1016KE	EC 100UF 20% 35V 8*9	
C9305	067G215C4713KE	EC 470UF 20% 16V 8*9	
C9222	067G215C4797KE	EC 4.7UF 20% 50V 8*9	
C9116	067G215C4797KE	EC 4.7UF 20% 50V 8*9	

C9207	067G315M1016KE	EC 100UF 20% 35V 8*7 3000 HR	
C9208	067G315M1514KE	EC 150UF 20% 25V 8*7 3000 HR	
C9106	067G515Z391 8K	EC 390UF 20% 63V 10*35	
C9117	067G515Z391 8K	EC 390UF 20% 63V 10*35	
FB9801	071G 55906	FERRITE CORE 510R C8B R6H 6X9.2(A)	
L9901	073G 174201 X	LINE FILTER 10MH MIN 3LFT25154-103M	
L9902	073G 174201 X	LINE FILTER 10MH MIN 3LFT25154-103M	
L9801	073G 174245YS1	PFC CHOKE 236UH 10% 70UH YS04120089	
L9201	073G 253 91 L	CHOKE COIL 3.5UH 10% CC-015367HF,VOC,HF	
L9202	073G 253 91 L	CHOKE COIL 3.5UH 10% CC-015367HF,VOC,HF	
L9301	073G 253 91 L	CHOKE COIL 3.5UH 10% CC-015367HF,VOC,HF	
T9201	080GL52P 35 H	X'FMR 1240UH 10% 295UH BCK-14510-HA	
T9301	080GL52P 38YS1	X'FMR 1MH 10% 74UH YS04160345 EFD2328	
T9101	080GL52P 43 L	X'FMR 900UH 10% 260UH PT-015614 EFD50	
D9801	093G 52910	RECTIFIER 1N5408-11 3A 1000V DO-201AD	
CN9101	311GW250B13BBX	WAFER 2.5MM 13P R/A 35MM 7MM	
CN9901	311GW792B02ABX	WAFER 7.92MM 2P W7913-02RVA-S02	
	705TXA57120	Q9101/Q9102 ASS'Y	
Q9102	057G 611 9	MOSFET 2SK4097LS-MG5 9.5 500 TO-220FI	
Q9101	057G 611 9	MOSFET 2SK4097LS-MG5 9.5 500 TO-220FI	
	705TXA93155	BD9901 ASS'Y	
BD9901	093G 50460932	BRIDGE TS10B06G-04 X0 10A 800V KBJ	
	0M1G 130 8120	SCREW 42A9930022	
HS9901	Q90T0194 4	HEAT SINK	
	705TXA93156	D9102 ASS'Y	
D9102	093G 220 24	DIODE FMX-23S SANKEN	
	0M1G 930 6120	SCREW 3X6	
HS9301	Q90T0195 2	HEAT SINK	
	705TXA93157	D9203/D9205 ASS'Y	
D9203	093G 60329	DIODE FMEN-220A 20A/100V TO-220	
D9205	093G1506 2	SCHOTTKY FMW-2156 15A 60V TO-220	
	0M1G 930 6120	SCREW 3X6	
HS9201	Q90T0194 3	HEAT SINK	
	705TXA93158	D9302 ASS'Y	
D9302	093G1506 2	SCHOTTKY FMW-2156 15A 60V TO-220	
	0M1G 930 6120	SCREW 3X6	
HS9302	Q90T0195 2	HEAT SINK	
	705TXB57987	Q9801/D9802 ASS'Y	
Q9801	057G 667954	MOSFET TK18A60V 18A 600V SC-67	
D9802	093G 52 56	DIODE FMN-1106S 10A/600V TO-220	
	0M1G1730 8120	SCREW 3X8	
HS9801	Q90T0236 4	HEAT SINK	
	709T4878 XM001	COMSUPTIVE ASS'Y	
	051G 200 1	OIL FOR DISAPPEAR	
	055G 23520	IPA	
	055G 23524	WELDING FLUX WITHOUT PB	
	Q49G 51100	CLEANER	

	Q51G 6 4509	GLUE_RTV	
	Q55G 100625	TIN STICK_LOW ARGENTUM	
IC9303	056G 158501	IC AS431AN-E1 SOT23	
IC9801	056G 379172	IC LD7591GS SOP-8	
IC9101	056G 379176	IC SSC9512S-TL SOP-18	
IC9201	056G 379176	IC SSC9512S-TL SOP-18	
IC8101	056G 700 17	TEST ONLY LED DRIVER PF7004S SOP-16	
IC8102	056G 700 17	TEST ONLY LED DRIVER PF7004S SOP-16	
Q9802	057G 419912 T	TRANSISTOR 2SD1624T-TD-E PCP	
Q8107	057G 763 6	AO4828 SOIC-8 BY AOS	
Q8108	057G 763 6	AO4828 SOIC-8 BY AOS	
Q8106	057G 763 6	AO4828 SOIC-8 BY AOS	
Q8105	057G 763 6	AO4828 SOIC-8 BY AOS	
Q8104	057G 763 6	AO4828 SOIC-8 BY AOS	
Q8103	057G 763 6	AO4828 SOIC-8 BY AOS	
Q8101	057G 763 6	AO4828 SOIC-8 BY AOS	
Q8102	057G 763 6	AO4828 SOIC-8 BY AOS	
Q9103	057G 763904	TRA FET 2N7002 SOT-23 PHILIPS	
Q9203	057T 417 12 T	TRA 2N3904S-RTK/PS SOT-23 KEC	
Q9803	057T 417 12 T	TRA 2N3904S-RTK/PS SOT-23 KEC	
R9223	061G0805100 JF	RST CHIPR 10 OHM +-5% 1/8W FENGHUA	
R9116	061G0805100 JF	RST CHIPR 10 OHM +-5% 1/8W FENGHUA	
R9220	061G0805100 JF	RST CHIPR 10 OHM +-5% 1/8W FENGHUA	
R9120	061G0805100 JF	RST CHIPR 10 OHM +-5% 1/8W FENGHUA	
R9220	061G0805100 JI	RST 0805 10R 5% 1/8W TA-I	
R9223	061G0805100 JI	RST 0805 10R 5% 1/8W TA-I	
R9120	061G0805100 JI	RST 0805 10R 5% 1/8W TA-I	
R9116	061G0805100 JI	RST 0805 10R 5% 1/8W TA-I	
R9224	061G0805102 JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA	
R9315	061G0805102 JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA	
R9815	061G0805102 JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA	
R9317	061G0805102 JI	RST 0805 1K 5% 1/8W	
R9815	061G0805102 JI	RST 0805 1K 5% 1/8W	
R9315	061G0805102 JI	RST 0805 1K 5% 1/8W	
R9224	061G0805102 JI	RST 0805 1K 5% 1/8W	
R9317	061G0805102 JT	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	
R9816	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9814	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9813	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9806	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9225	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9221	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9219	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9125	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9124	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9121	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R9119	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	

R9119	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9121	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9816	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9814	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9813	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9806	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9225	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9221	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9219	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9125	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9124	061G0805103 JI	RST 0805 10K 5% 1/8W	
R9208	061G08051200FT	RST CHIP 120R 1/8W 1%	
R8118	061G08051209FI	RST 0805 12R 1% 1/8W	
R8117	061G08051209FI	RST 0805 12R 1% 1/8W	
R8116	061G08051209FI	RST 0805 12R 1% 1/8W	
R8115	061G08051209FI	RST 0805 12R 1% 1/8W	
R8114	061G08051209FI	RST 0805 12R 1% 1/8W	
R8113	061G08051209FI	RST 0805 12R 1% 1/8W	
R8112	061G08051209FI	RST 0805 12R 1% 1/8W	
R8111	061G08051209FI	RST 0805 12R 1% 1/8W	
R8118	061G08051209FT	RST 0805 12R 1% 1/8W	
R8117	061G08051209FT	RST 0805 12R 1% 1/8W	
R8116	061G08051209FT	RST 0805 12R 1% 1/8W	
R8115	061G08051209FT	RST 0805 12R 1% 1/8W	
R8114	061G08051209FT	RST 0805 12R 1% 1/8W	
R8113	061G08051209FT	RST 0805 12R 1% 1/8W	
R8112	061G08051209FT	RST 0805 12R 1% 1/8W	
R8111	061G08051209FT	RST 0805 12R 1% 1/8W	
R8126	061G0805122 JF	RST CHIPR 1.2 KOHM +-5% 1/8W FENGHUA	
R8126	061G0805122 JI	RST 0805 1.2K 5% 1/8W	
R9123	061G08051302FT	RST CHIP 13K 1/8W 1%	
R9115	061G08051692FT	RST CHIP 16K9 1/8W 1%	
R9115	061G08051692FY	RST 0805 16.9K 1% 1/8W	
R9811	061G08051912FF	RST CHIPR 19.1KOHM +-1% 1/8W FENGHUA	
R9811	061G08051912FT	RST CHIPR 19K1 +-1% 1/8W TZAI YUAN	
R9110	061G08052001FI	RST CHIPR 2KOHM +-1% 1/8W TA-I	
R9110	061G08052001FT	RST CHIP 2K 1/8W 1%	
R9212	061G0805202 JF	RST CHIPR 2KOHM +-5% 1/8W FENGHUA	
R9212	061G0805202 JT	RST CHIP 2K 1/8W 5% TZAI YUAN	
R9204	061G08052052FF	RST CHIPR 20.5KOHM +-1% 1/8W FENGHUA	
R9204	061G08052052FI	RST 0805 20.5K 1% 1/8W	
R9803	061G0805220 JF	RST CHIPR 22 OHM +-5% 1/8W FENGHUA	
R9319	061G08052201FF	RST CHIPR 2.2KOHM +-1% 1/8W FENGHUA	
R9319	061G08052201FT	CHIP 2K2 1/8W 1%	
R9810	061G0805221 JF	RST CHIPR 220 OHM +-5% 1/8W FENGHUA	
R9802	061G0805229 JT	RST CHIPR 2R2 +-5% 1/8W TZAI YUAN	
R9314	061G08052401FI	RST 0805 2.4K 1% 1/8W	

R9314	061G08052401FY	RST CHIP 2K4 1/8W 1%	
R9108	061G08052402FF	RST CHIPR 24KOHM +-1% 1/8W FENGHUA	
R9210	061G08052402FF	RST CHIPR 24KOHM +-1% 1/8W FENGHUA	
R9108	061G08052402FT	RST CHIP 24K 1/8W 1%	
R9210	061G08052402FT	RST CHIP 24K 1/8W 1%	
R9217	061G0805243 JF	RST CHIPR 24KOHM +-5% 1/8W FENGHUA	
R9217	061G0805243 JT	RST CHIP 24K 1/8W 5% TZAI YUAN	
R9817	061G0805273 JI	RST CHIPR 27KOHM +-5% 1/8W 0805	
R9817	061G0805273 JT	RST CHIP 27K 1/8W 5% TZAI YUAN	
R9106	061G08053001FI	RST CHIPR 3KOHM +-1% 1/8W 0805	
R9209	061G08053001FI	RST CHIPR 3KOHM +-1% 1/8W 0805	
R9106	061G08053001FY	RST CHIP R 3K 1/8W +/-1%	
R9209	061G08053001FY	RST CHIP R 3K 1/8W +/-1%	
R9105	061G08053300FI	RST 0805 330R 1% 1/8W	
R9812	061G0805363 JI	RST CHIPR 36 KOHM +-5% 1/8W	
R9812	061G0805363 JT	RST CHIP R 36K 1/8W +/-5%	
R9118	061G0805470 JF	RST CHIPR 47OHM +-5% 1/8W FENGHUA	
R9122	061G0805470 JF	RST CHIPR 47OHM +-5% 1/8W FENGHUA	
R9222	061G0805470 JF	RST CHIPR 47OHM +-5% 1/8W FENGHUA	
R9226	061G0805470 JF	RST CHIPR 47OHM +-5% 1/8W FENGHUA	
R9226	061G0805470 JI	RST CHIPR 47 OHM +-5% 1/8W 0805	
R9222	061G0805470 JI	RST CHIPR 47 OHM +-5% 1/8W 0805	
R9122	061G0805470 JI	RST CHIPR 47 OHM +-5% 1/8W 0805	
R9118	061G0805470 JI	RST CHIPR 47 OHM +-5% 1/8W 0805	
R9207	061G08054701FF	RST CHIPR 4.7KOHM +-1% 1/8W FENGHUA	
R9207	061G08054701FT	RST CHIP 4K7 1/8W 1%	
R9103	061G0805471 JF	RST CHIPR 470 OHM +-5% 1/8W FENGHUA	
R9206	061G0805471 JF	RST CHIPR 470 OHM +-5% 1/8W FENGHUA	
R9206	061G0805471 JI	RST 0805 470R 5% 1/8W	
R9103	061G0805471 JI	RST 0805 470R 5% 1/8W	
R9104	061G0805472 JF	RST CHIPR 4.7KOHM +-5% 1/8W FENGHUA	
R9104	061G0805472 JT	RST CHIPR 4K7 +-5% 1/8W TZAI YUAN	
R9109	061G08055101FF	RST CHIPR 5.1KOHM +-1% 1/8W FENGHUA	
R9211	061G08055101FF	RST CHIPR 5.1KOHM +-1% 1/8W FENGHUA	
R9211	061G08055101FT	RST CHIP 5K1 1/8W 1%	
R9109	061G08055101FT	RST CHIP 5K1 1/8W 1%	
R9203	061G08055602FI	RST CHIPR 56 KOHM +-1% 1/8W 0805	
R9203	061G08055602FT	RST CHIP R 56K 1/8W +/-1%	
R9320	061G0805564 JF	RST CHIPR 560KOHM +-5% 1/8W FENGHUA	
R9320	061G0805564 JT	RST CHIPR 560K +-5% 1/8W TZAI YUAN	
R9818	061G0805682 JF	RST CHIPR 6.8KOHM +-5% 1/8W FENGHUA	
R9818	061G0805682 JI	RST 0805 6.8K 5% 1/8W	
R9824	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA	
JR921	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR920	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR919	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR918	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	

JR917	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR912	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR911	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR910	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR908	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR907	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR904	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR903	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR902	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR901	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR901	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR902	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR903	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR904	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR907	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR908	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR910	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR911	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR912	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR917	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR918	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR919	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR920	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR921	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
R9824	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
R9804	061G12061004FT	RST CHIP R 1 MOHM +-1% 1/4W	
R9807	061G12061004FT	RST CHIP R 1 MOHM +-1% 1/4W	
R9809	061G12061004FT	RST CHIP R 1 MOHM +-1% 1/4W	
R9809	061G12061004FY	RST CHIP 1M 1/4W 1%	
R9807	061G12061004FY	RST CHIP 1M 1/4W 1%	
R9804	061G12061004FY	RST CHIP 1M 1/4W 1%	
R8123	061G1206103 JI	RST 1206 10K 5% 1/4W	
R8128	061G1206103 JI	RST 1206 10K 5% 1/4W	
R8123	061G1206103 JT	RST CHIPR 10KOHM +-5% 1/4W TZAI YUAN	
R8128	061G1206103 JT	RST CHIPR 10KOHM +-5% 1/4W TZAI YUAN	
R9307	061G1206104 JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA	
R9306	061G1206104 JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA	
R9304	061G1206104 JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA	
R9303	061G1206104 JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA	
R9307	061G1206104 JI	RST 1206 100K 5% 1/4W	
R9306	061G1206104 JI	RST 1206 100K 5% 1/4W	
R9304	061G1206104 JI	RST 1206 100K 5% 1/4W	
R9303	061G1206104 JI	RST 1206 100K 5% 1/4W	
R9309	061G1206155 JI	RST 1206 1.5M 5% 1/4W	
R9313	061G1206155 JI	RST 1206 1.5M 5% 1/4W	
R9316	061G1206155 JI	RST 1206 1.5M 5% 1/4W	
R9309	061G1206155 JT	RST CHIPR 1.5MOHM +-5% 1/4W TZAI YUAN	

R9313	061G1206155 JT		RST CHIPR 1.5MOHM +-5% 1/4W TZAI YUAN	
R9316	061G1206155 JT		RST CHIPR 1.5MOHM +-5% 1/4W TZAI YUAN	
R9215	061G12062004FF		RST CHIPR 2MOHM 1% 1/4W FENGHUA	
R9216	061G12062004FF		RST CHIPR 2MOHM 1% 1/4W FENGHUA	
R9214	061G12062004FI		RST CHIPR 2 MOHM +-1% 1/4W 1206	
R9214	061G12062004FT		RST CHIP R 2MOHM 1/4W +/-1%	
R9215	061G12062004FT		RST CHIP R 2MOHM 1/4W +/-1%	
R9216	061G12062004FT		RST CHIP R 2MOHM 1/4W +/-1%	
R9310	061G1206221 JF		RST CHIPR 220 OHM +-5% 1/4W FENGHUA	
R9310	061G1206221 JT		RST CHIPR 220 OHM +-5% 1/4W TZAI YUAN	
R9311	061G1206249 JI		RST 1206 2.4R 5% 1/4W	
R9312	061G1206249 JI		RST 1206 2.4R 5% 1/4W	
R9311	061G1206249 JT		RST CHIPR 2.4 OHM +-5% 1/4W TZAI YUAN	
R9312	061G1206249 JT		RST CHIPR 2.4 OHM +-5% 1/4W TZAI YUAN	
R9903	061G1206334 JT		RST CHIPR 330 KOHM +-5% 1/4W TZAI YUAN	
R9902	061G1206334 JT		RST CHIPR 330 KOHM +-5% 1/4W TZAI YUAN	
R9901	061G1206334 JT		RST CHIPR 330 KOHM +-5% 1/4W TZAI YUAN	
R9901	061G1206334 JY		RST CHIPR 330K +-5% 1/4W YAGEO	
R9902	061G1206334 JY		RST CHIPR 330K +-5% 1/4W YAGEO	
R9903	061G1206334 JY		RST CHIPR 330K +-5% 1/4W YAGEO	
R9308	061G1206339 JI		RST 3.3 OHM 5% 1/4W TA-I	
R9308	061G1206339 JT		RST CHIPR 3.3 OHM +-5% 1/4W TZAI YUAN	
R9305	061G1206470 JF		RST CHIPR 47 OHM +-5% 1/4W FENGHUA	
R9302	061G1206470 JF		RST CHIPR 47 OHM +-5% 1/4W FENGHUA	
R9302	061G1206470 JI		RST 47 OHM 5% 1/4W TA-I	
R9305	061G1206470 JI		RST 47 OHM 5% 1/4W TA-I	
R9318	061G1206475 JI		RST 1206 4.7M 5% 1/4W	
R9318	061G1206475 JT		RST CHIPR 4.7 MOHM +-5% 1/4W TZAI YUAN	
R9201	061G1206562 JF		RST CHIPR 5.6KOHM +-5% 1/4W FENGHUA	
R9202	061G1206562 JF		RST CHIPR 5.6KOHM +-5% 1/4W FENGHUA	
R9201	061G1206562 JT		RST 1206 5.6K 5% 1/4W TZAI YUAN	
R9202	061G1206562 JT		RST 1206 5.6K 5% 1/4W TZAI YUAN	
R9805	061G1206683 JF		RST CHIPR 68KOHM +-5% 1/4W FENGHUA	
R9805	061G1206683 JI		RST 1206 68K 5% 1/4W	
R9102	061G1206759 JI		RST 7.5 OHM 5% 1/4W TA-I	
R9205	061G1206759 JI		RST 7.5 OHM 5% 1/4W TA-I	
R9205	061G1206759 JT		RST CHIPR 7.5 OHM +-5% 1/4W TZAI YUAN	
R9102	061G1206759 JT		RST CHIPR 7.5 OHM +-5% 1/4W TZAI YUAN	
C9809	065G080510131J	Y	CAP CHIP 0805 100P 50V NP0 +/-5%	
C9214	065G080510232K	F	CAP 0805 1000PF 10% 50V X7R	
C9210	065G080510232K	F	CAP 0805 1000PF 10% 50V X7R	
C9108	065G080510232K	F	CAP 0805 1000PF 10% 50V X7R	
C9103	065G080510232K	F	CAP 0805 1000PF 10% 50V X7R	
C9807	065G080510432K	3	CAP CHIP 0805 100N 50V X7R +/-10%	
C9812	065G080510432K	3	CAP CHIP 0805 100N 50V X7R +/-10%	
C9312	065G080510432K	3	CAP CHIP 0805 100N 50V X7R +/-10%	
C9306	065G080510432K	3	CAP CHIP 0805 100N 50V X7R +/-10%	

C9223	065G080510432K	3	CAP CHIP 0805 100N 50V X7R +/-10%	
C9221	065G080510432K	3	CAP CHIP 0805 100N 50V X7R +/-10%	
C9218	065G080510432K	3	CAP CHIP 0805 100N 50V X7R +/-10%	
C9211	065G080510432K	3	CAP CHIP 0805 100N 50V X7R +/-10%	
C9204	065G080510432K	3	CAP CHIP 0805 100N 50V X7R +/-10%	
C9201	065G080510432K	3	CAP CHIP 0805 100N 50V X7R +/-10%	
C9115	065G080510432K	3	CAP CHIP 0805 100N 50V X7R +/-10%	
C9112	065G080510432K	3	CAP CHIP 0805 100N 50V X7R +/-10%	
C9104	065G080510432K	3	CAP CHIP 0805 100N 50V X7R +/-10%	
C8103	065G080510432K	3	CAP CHIP 0805 100N 50V X7R +/-10%	
C8102	065G080510432K	3	CAP CHIP 0805 100N 50V X7R +/-10%	
C9308	065G080510432K	Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C9109	065G080510522K	3	CAP CHIP 0805 1U 25V X7R +/-10%	
C9215	065G080510522K	3	CAP CHIP 0805 1U 25V X7R +/-10%	
C9216	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C9212	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C9110	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C9105	065G080510537Z	3	CAP 0805 1UF -20%+80% 50V Y5V	
C9114	065G080522131J	F	CAP CHIP 0805 220PF J 50V NPO	
C9220	065G080522131J	F	CAP CHIP 0805 220PF J 50V NPO	
C9311	065G080522432K	3	CAP CHIP 0805 220N 50V X7R +/-10%	
C9309	065G080533232K	F	CAP 0805 3.3NF 10% 50V X7R	
C9805	065G080547031J	Y	CAP CHIP 0805 47P 50V NP0 +/-5%	
C9808	065G080547131J	F	CAP CHIP 0805 470PF J 50V NPO	
C9810	065G080547332K	3	CAP CHIP 0805 47N 50V X7R +/-10%	
C9811	065G080547422K	Y	CAP CHIP 0805 0.47UF K 25V X7R	
C9303	065G1206222B2K	3	CER 1206 2N2 500V X7R 10%	
D8106	093G 64 38 P		BAW56	
D8107	093G 64 38 P		BAW56	
D8108	093G 64 38 P		BAW56	
D8109	093G 64 38 P		BAW56	
D8101	093G 64 42 P		BAV70 SOT23 BY PAN JIT	
D8102	093G 64 42 P		BAV70 SOT23 BY PAN JIT	
D8103	093G 64 42 P		BAV70 SOT23 BY PAN JIT	
D8104	093G 64 42 P		BAV70 SOT23 BY PAN JIT	
D9101	093G 60S 15 T		SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9103	093G 60S 15 T		SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9201	093G 60S 15 T		SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9202	093G 60S 15 T		SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9206	093G 60S 15 T		SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9207	093G 60S 15 T		SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9208	093G 60S 15 T		SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9305	093G 60S 15 T		SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9803	093G 60S 15 T		SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
T9101	006G 31500 GP		EYELET	
CN9901	006G 31500 GP		EYELET	
IC9203	056G 158 10 T		LDO IC AZ431AZ-AE1 TO-92 150MA 40V TO-92	

IC9103	056G 158 10 T	LDO IC AZ431AZ-AE1 TO-92 150MA 40V TO-92	
R8132	061G 20010452T	100K OHM 1/4W 1%	
R8132	061G 20010452T TZ	RST MF 100K 1% 1/4W	
R9111	061G 30310852T GP	FUSER 0.1OHM +-5% 1W	
R9301	061G 30310852T HX	RST FUSE 0.1R 5% 1W	
C9113	065G 2K101 9T6213	CAP CER 100PF 5% 2KV SL	
C9219	065G 2K101 9T6213	CAP CER 100PF 5% 2KV SL	
C9203	067G215P1516KT	EC 150UF 20% 35V 10*9	
C9202	067G215P1516KT	EC 150UF 20% 35V 10*9	
C9205	067G215P2714KT	EC 270UF 20% 25V 10*9	
C9206	067G215P2714KT	EC 270UF 20% 25V 10*9	
C9224	067G215P2714KT	EC 270UF 20% 25V 10*9	
FB9201	071G 55 23	BEAD 3.5*7.5*0.8 100R 25% GBQM4.777.571	
FB9302	071G 55 23	BEAD 3.5*7.5*0.8 100R 25% GBQM4.777.571	
FB9802	071G 55 23	BEAD 3.5*7.5*0.8 100R 25% GBQM4.777.571	
FB9903	071G 55 29	FERRITE BEAD	
FB9804	071G 55 29	FERRITE BEAD	
FB9803	071G 55 29	FERRITE BEAD	
FB9102	071G 55 29	FERRITE BEAD	
FB9101	071G 55 29	FERRITE BEAD	
F9901	084G 56 4 B	FUSE 4A 250V	
ZD9104	093G 3916652T	MTZJ15B (13.89-14.62)	
ZD9201	093G 3916652T	MTZJ15B (13.89-14.62)	
ZD9801	093G 3916752T	MTZJ T-72 16B	
ZD9204	093G 3917152T	TZJ T-72 30B	
ZD9203	093G 3918252T	ZENER MTZJ T-72 18B 16.82 0.5 DO-34	
ZD8103	093G 3919152T	MTZJ T-72 13B 500MW/13V DO-34	
ZD8106	093G 3919152T	MTZJ T-72 13B 500MW/13V DO-34	
ZD9202	093G 3920052T	ZENER MTZJ11B 11 0.5 DO-34	
ZD9103	093G 3952552T	ZENER MTZJ T 6.2B	
ZD9102	093G 3952552T	ZENER MTZJ T 6.2B	
ZD9101	093G 3952552T	ZENER MTZJ T 6.2B	
D9104	093G 52 6452T	RECTIFIER EG01AV1 0.5A 600V AXIAL-LEAD	
D9204	093G 52 6452T	RECTIFIER EG01AV1 0.5A 600V AXIAL-LEAD	
D9301	093G 5212T52T	DIODE 1N4007-AO DO-41	
D9303	093G110050152T	DIODE PR1007 1A/1000V 500NS DO-41	
D9304	093G110050152T	DIODE PR1007 1A/1000V 500NS DO-41	
J912	095G 90 23	JUMPER WIRE	
J913	095G 90 23	JUMPER WIRE	
J915	095G 90 23	JUMPER WIRE	
J917	095G 90 23	JUMPER WIRE	
J918	095G 90 23	JUMPER WIRE	
J919	095G 90 23	JUMPER WIRE	
J920	095G 90 23	JUMPER WIRE	
J921	095G 90 23	JUMPER WIRE	
J922	095G 90 23	JUMPER WIRE	
J923	095G 90 23	JUMPER WIRE	

J911	095G 90 23	JUMPER WIRE	
J910	095G 90 23	JUMPER WIRE	
J909	095G 90 23	JUMPER WIRE	
J908	095G 90 23	JUMPER WIRE	
J907	095G 90 23	JUMPER WIRE	
J906	095G 90 23	JUMPER WIRE	
J905	095G 90 23	JUMPER WIRE	
J904	095G 90 23	JUMPER WIRE	
J903	095G 90 23	JUMPER WIRE	
J902	095G 90 23	JUMPER WIRE	
J901	095G 90 23	JUMPER WIRE	
J924	095G 90 23	JUMPER WIRE	
J949	095G 90 23	JUMPER WIRE	
J950	095G 90 23	JUMPER WIRE	
J951	095G 90 23	JUMPER WIRE	
J952	095G 90 23	JUMPER WIRE	
J953	095G 90 23	JUMPER WIRE	
J954	095G 90 23	JUMPER WIRE	
J955	095G 90 23	JUMPER WIRE	
J956	095G 90 23	JUMPER WIRE	
J957	095G 90 23	JUMPER WIRE	
J958	095G 90 23	JUMPER WIRE	
J959	095G 90 23	JUMPER WIRE	
J960	095G 90 23	JUMPER WIRE	
J961	095G 90 23	JUMPER WIRE	
J962	095G 90 23	JUMPER WIRE	
J963	095G 90 23	JUMPER WIRE	
J965	095G 90 23	JUMPER WIRE	
J966	095G 90 23	JUMPER WIRE	
J967	095G 90 23	JUMPER WIRE	
J968	095G 90 23	JUMPER WIRE	
J969	095G 90 23	JUMPER WIRE	
J970	095G 90 23	JUMPER WIRE	
J925	095G 90 23	JUMPER WIRE	
J926	095G 90 23	JUMPER WIRE	
J927	095G 90 23	JUMPER WIRE	
J928	095G 90 23	JUMPER WIRE	
J930	095G 90 23	JUMPER WIRE	
J931	095G 90 23	JUMPER WIRE	
J932	095G 90 23	JUMPER WIRE	
J934	095G 90 23	JUMPER WIRE	
J935	095G 90 23	JUMPER WIRE	
J936	095G 90 23	JUMPER WIRE	
J937	095G 90 23	JUMPER WIRE	
J948	095G 90 23	JUMPER WIRE	
J947	095G 90 23	JUMPER WIRE	
J945	095G 90 23	JUMPER WIRE	

J944	095G 90 23	JUMPER WIRE	
J943	095G 90 23	JUMPER WIRE	
J942	095G 90 23	JUMPER WIRE	
J941	095G 90 23	JUMPER WIRE	
J940	095G 90 23	JUMPER WIRE	
J939	095G 90 23	JUMPER WIRE	
J938	095G 90 23	JUMPER WIRE	
	715G4878P01H20003M	POWER BOARD PCB	
C9318	065G 1K10293T	CAP CER 1NF 10% 1KV R	
ZD8102	093G 3998252T	ZENER MTZJ T-72 4.3B 4.3V 0.5W DO-34	
R8127	061G214Y10552T SY	RST MGFR 1MOHM +-5% 1/4W FUTABA	
	709T4878 XA001	COMSUPTIVE ASS'Y	
J916	095G 90 23	JUMPER WIRE	
R8101	061G 20031652T TZ	RST MF 3.16R 1% 1/4W MF1/4W3R16FT52	
R8102	061G 20031652T TZ	RST MF 3.16R 1% 1/4W MF1/4W3R16FT52	
R8103	061G 20031652T TZ	RST MF 3.16R 1% 1/4W MF1/4W3R16FT52	
R8104	061G 20031652T TZ	RST MF 3.16R 1% 1/4W MF1/4W3R16FT52	
R8105	061G 20031652T TZ	RST MF 3.16R 1% 1/4W MF1/4W3R16FT52	
R8106	061G 20031652T TZ	RST MF 3.16R 1% 1/4W MF1/4W3R16FT52	
R8107	061G 20031652T TZ	RST MF 3.16R 1% 1/4W MF1/4W3R16FT52	
R8108	061G 20031652T TZ	RST MF 3.16R 1% 1/4W MF1/4W3R16FT52	
T9201	006G 31500 GP	EYELET	
C9317	065G120610532K 3	CAP 1206 1UF 10% 50V X7R	
D9306	093G 6432S	DIODE 1N4148W	
D9306	093G 64S511SEM	1N4148W	
D9307	093G 6432S	DIODE 1N4148W	
D9307	093G 64S511SEM	1N4148W	
C9120	065G080547432K M	CAP 0805 470NF 10% 50V X7R	
R8124	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
R8125	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
R8124	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
R8125	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
R8134	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R8141	061G0805510 JT	RST CHIPR 51OHM +-5% 1/8W TZAI YUAN	
R8148	061G0805510 JT	RST CHIPR 51OHM +-5% 1/8W TZAI YUAN	
R8159	061G0805000 JT	RST 0805 0.05R MAX 1/8W	
R8134	061G0805103 JI	RST 0805 10K 5% 1/8W	
R8141	061G0805510 JF	RST CHIPR 51OHM +-5% 1/8W FENGHUA	
R8148	061G0805510 JF	RST CHIPR 51OHM +-5% 1/8W FENGHUA	
R8159	061G0805000 JI	RST 0805 MAX0.05R 5% 1/8W TA-I	
R8149	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
R8149	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
R8121	061G0805104 JI	RST 0805 100K 5% 1/8W	
R8121	061G0805104 JT	RST CHIPR 100KOHM +- 5% 1/8W TZAI YUAN	
R8119	061G0805513 JT	RST CHIPR 51K +-5% 1/8W TZAI YUAN	
R8119	061G0805513 JI	RST CHIPR 51K OHM +-5% 1/8W 0805	
R8120	061G0805302 JT	RST CHIP 3K 1/8W 5% TZAI YUAN	

R8120	061G0805302 JI	RST CHIPR 3K OHM +-5% 1/8W	
R8122	061G0805000 JI	RST 0805 MAX0.05R 5% 1/8W TA-I	
Q8111	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q8111	057G 417 13 T	SMALLTRAN 2N3906S-RTK/PS 0.2A 40V SOT-23	
R8122	061G0805000 JT	RST 0805 0.05R MAX 1/8W	
R9126	061G08053902FT	RST CHIP 39K 1/8W 1%	
R9126	061G08053902FI	RST CHIPR 39 KOHM +-1% 1/8W	
R9101	061G12061502FT	RST CHIP R 15K 1/4W 1%	
R9117	061G12061502FT	RST CHIP R 15K 1/4W 1%	
R9107	061G12063402FT	RST 1206 34K 1% 1/4W	
R9127	061G12063402FT	RST 1206 34K 1% 1/4W	
R9107	061G12063402FI	RST 1206 34K 1% 1/4W	
R9127	061G12063402FI	RST 1206 34K 1% 1/4W	
R8152	061G08051209FT	RST 0805 12R 1% 1/8W	
R8153	061G08051209FT	RST 0805 12R 1% 1/8W	
R8156	061G08051209FT	RST 0805 12R 1% 1/8W	
R8157	061G08051209FT	RST 0805 12R 1% 1/8W	
R8152	061G08051209FI	RST 0805 12R 1% 1/8W	
R8153	061G08051209FI	RST 0805 12R 1% 1/8W	
R8156	061G08051209FI	RST 0805 12R 1% 1/8W	
R8157	061G08051209FI	RST 0805 12R 1% 1/8W	
R8150	061G1206120 JT	RST 1206 12R 5% 1/4W	
R8151	061G1206120 JT	RST 1206 12R 5% 1/4W	
R8154	061G1206120 JT	RST 1206 12R 5% 1/4W	
R8155	061G1206120 JT	RST 1206 12R 5% 1/4W	
R8150	061G1206120 JI	RST 1206 12R 5% 1/4W	
R8151	061G1206120 JI	RST 1206 12R 5% 1/4W	
R8154	061G1206120 JI	RST 1206 12R 5% 1/4W	
R8155	061G1206120 JI	RST 1206 12R 5% 1/4W	
R8160	061G0805101 JT	RST CHIP 100R 1/8W 5% TZAI YUAN	
R8161	061G0805101 JT	RST CHIP 100R 1/8W 5% TZAI YUAN	
R8160	061G0805101 JI	RST 0805 100R 5% 1/8W	
R8161	061G0805101 JI	RST 0805 100R 5% 1/8W	
	709T4878 XS001	COMSUPTIVE ASS'Y	
	052G 2191 A	PAPER TAPE	
	P15T0730101	BRACKET _AC_INLET	
	P15T1005101	BRACKET _PANEL_EBONY 3500	
	P15T1014101	BRACKET _SPEAKER	
	P40GA00081334A	PASS CARD LABEL	
	P52G1801051	INSULATING PLATE	
	PTPFBXA2	MEMC BOARD	
CN7001	311GW250B05BBX	WAFER 2.5MM 5P W2415-05RVA-S01-A	
	709T4858 XM001	COMSUPTIVE ASS'Y	
	055G 23524	WELDING FLUX WITHOUT PB	
	Q55G 100625	TIN STICK_LOW ARGENTUM	
Q4401	057G 417517	TRA LMBT3906LT1G -200MA/-40V SOT-23 LRC	
TH4401	061G 52902	PTC CHIP 8V 0R4 KMC4S075RY	

R4401	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN	
R4403	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R4402	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
C4401	065G040210412K Y	CAP 0402 100NF 10% 16V X7R	
CN7003	311GW100B05ACH	WAFER 1.0MM 5P A1001WV-S-05P	
	709T4858 XS001	COMSUPTIVE ASS'Y	
E715	715G4858T01000004S	MEMC BOARD PCB	
	Q36T 600 30 12	NONWOVEN FABRIC	
	Q45G 77 5	PE PACKING (Y1900241)	
	Q45G9901 TV011	P.E. BAGX1100X850X0.02+0.5 0.02	
	Q50G 4 10	TIE (Y1900221)	
	Q50T 500523	CABLE TIE	
	Q52G1501150523 W	INSULATING PLATE	
	TPT420H2LE5A020LX0	PANEL TPT420H2-LE5 C1C XM TPV	
	X01G8000 11	SCREW 3.0X3.0MM	
	X44GNA06102	CUSHION-TL EPS	
	X44GNA06202	CUSHION-TR EPS	
	X44GNA06301	CUSHION-BL EPS	
	X44GNA06401	CUSHION-BR EPS	
	X44GNA06501	CUSHION-TM EPS	
	X44GNA06601	CUSHION-BM EPS	
	X44GNA06701EPE	2K11-PHILIPS 42 -CUSHION-L EPE	
	X44GNA06813 6A	CARTON	
	089G214A18N HL	AC POWER CORD 1800	
	092GB1JX1A3EGC	BATTERY 1.5V BATTERY LR03	
E09801	098GR7BD3NCPHJ	REMOTE PHILIPS RC-A6070-420	
E09801	098GR7BD3NCPHT	REMOTE CONTROL YKF230-013	
	Q45G2010M0101A	PE BAG FOR MANUAL	
	X41G32MV81310A	32_42PFL3390 MANUAL	
	X41G78DV813 1A	CARD	
	X41G78SV81319A	32_42PFL3390 QSG	
	026G 800700 1A	BARCODE LABEL	
	026G 800700 1A	BARCODE LABEL	
	040G 58162435A	PN LABEL FOR MANUAL PE BAG	
	Q40G000181328A	CARTON LABEL	
	X40G 42081316A	RATING LABEL	
	085T 583103	GASKET	
	0Q1G 330 8 47 CR3	SCREW 3X8	
	P15T1016101	BRACKET _IO_BTM	
	P15T1045101	BRACKET _IO_SIDE_3500	
	036T 600 18110	NONWOVEN FABRTC	
	052G 2191 A	PAPER TAPE	
ECN401	095G801413RY02	HARNESS 13P-8P+T4301 530+110MM	
ECN401	095G801413XY02	HARNESS 13P-8P+T4301 530+110MM	2nd source
	KEPFBXD9	KEY BOARD	
	709T4496 XM001	COMSUPTIVE ASS'Y	
CN201	033G8032 8F S HR	WAFER 1.25MM 8P	

U206	056G 627 59	IR RECEIVER IRM-H936M3/TR2 36 KHZ	
U201	056G 669 50	TOU. CG7216AM C/S:5E3C,±¾ÓWÜC×İÉ« QFN16	
Q201	057G 761516	SMALLTRAN BC847C 0.1 50 SOT-23	
R210	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R223	061G0402101 JI	BEST ONLY RST 0402 100R 5% 1/16W TA-I	
R220	061G0402102 JI	RST 0402 1K 5% 1/16W TA-I	
R213	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R212	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R225	061G0402222 JF	RST CHIPR 2.2KOHM +-5% 1/16W FENGHUA	
R222	061G0402272 JT	RST CHIP 2K7 1/16W 5% TZAI YUAN	
R228	061G0402432 JT	RST CHIP 4K3 1/16W 5% TZAI YUAN	
R208	061G0402561 JF	RST CHIP 560R 1/16W 5% FENGHUA	
R205	061G0402561 JF	RST CHIP 560R 1/16W 5% FENGHUA	
R204	061G0402561 JF	RST CHIP 560R 1/16W 5% FENGHUA	
R203	061G0402561 JF	RST CHIP 560R 1/16W 5% FENGHUA	
R202	061G0402561 JF	RST CHIP 560R 1/16W 5% FENGHUA	
R201	061G0402561 JF	RST CHIP 560R 1/16W 5% FENGHUA	
C202	065G040210232K T	CAP CHIP 0402 1000PF 50V X7R	
C201	065G040210427Z Y	CAP 0402 100NF -20%+80% 25V Y5V	
C204	065G0402474A5K Y	CAP CHIP 0402 0.47UF K 10V X5R	
C203	065G0402474A5K Y	CAP CHIP 0402 0.47UF K 10V X5R	
C208	065G060310512K T	CAP 0603 1UF 10% 16V X7R	
C210	065G0805106A5K 3	CHIP 10UF 10V X5R 10%	
LED201	081G 63R 1 EL	CHIP LED RED 19-21B/R6C-BL1M2VY/3T	
	709T4496 XS001	COMSUPTIVE ASS'Y	
	052G6026 2	MESH PRINTTING PAPER	
E715	715G4496K02000004M	KEY BOARD PCB	
	P15T0979101	BRACKET _STAND	
	P34E0673ADT 1L01BA	COVER _LEADING_EDGE	
	P37T0119011	HINGE 42	
	Q36T 600 36 4 GP	NONWOVEN FABRIC	
	Q36T 600 49 7	NON-WOVEN FABRIC	
ECN701	095G801313XX14	HARNESS 13P-13P 320MM	2nd source

32PFL3360/T3 与 **32PFL3390/T3** 相比，就是前框有点不同；

32PFL3380/T3 与 **32PFL3390/T3** 相比，一样；

42PFL3380/T3 与 **42PFL3390/T3** 相比，一样。