



ATS2825
芯片 **CHIPID** 烧录说明

Latest Version: 1.0

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3 引言

3.1 版本历史

日期	版本号	注释	作者
2015-10-10	1.0	建立初始版本	邓子华

3.2 编写目的

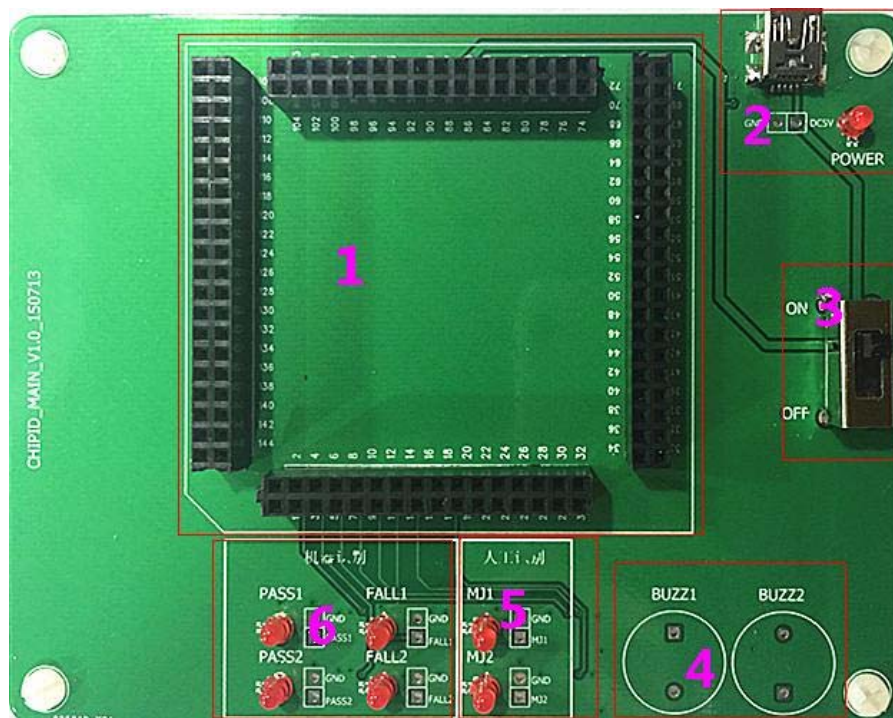
本文档主要介绍如何实现 ATS2825 芯片的 CHIPID 烧录。

4 烧录说明

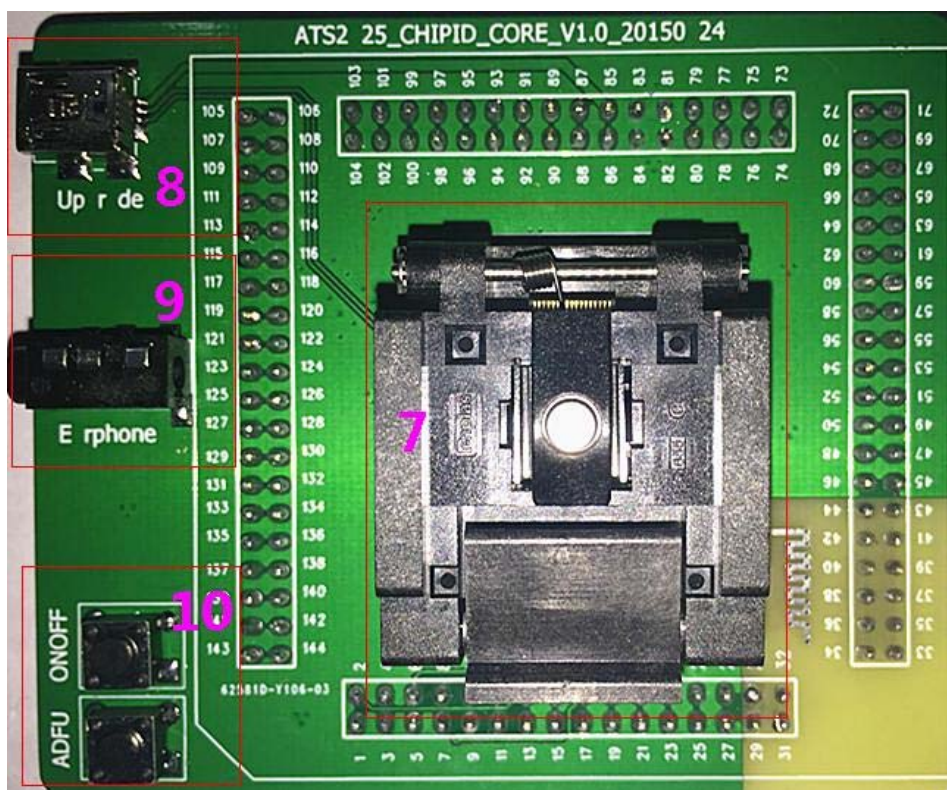
4.1 需要准备的工具

1. CHIPID 固件
2. ATS2825 CHIPID 烧录板
3. 待烧录 CHIPID 的 ATS2825 芯片
4. 其它辅助工具，如 PC、USB 线、电源等

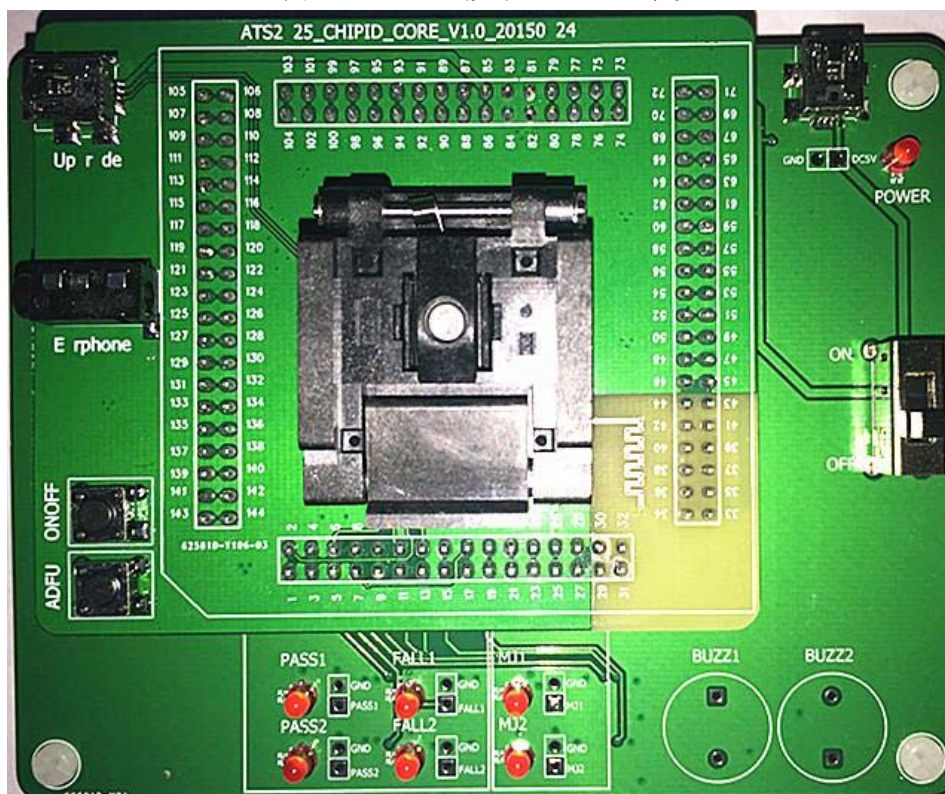
4.2 CHIPID 烧录板功能模块说明



图一：CHIPID 烧录主板



图二：CHIPID 烧录 ATS2825 子板



图三：组装好的 ATS2825CHIPID 烧录板

图一为 CHIPID 烧录主板，可插 ATS2825 CHIPID 烧录子板或 ATS2823 CHIPID 烧录子板，对相应的 IC 进行 CHIPID 烧录，各模块功能如下：

1. 子板插槽，插上 ATS2825 子板或 ATS2823 子板对相应的 IC 进行 CHIPID 烧录。
2. 供电 USB 口，连接 5V 充电器给整个系统供电。
3. 供电控制开关，拨到 ON，系统上电并进行 CHIPID 烧录。烧录完成后，拨到 OFF，更换下一颗 IC 进行烧录。
4. 蜂鸣器，烧录时作为人工识别的一个指示。
5. 人工识别指示灯，烧录时作为人工识别的一个指示。
6. 机器识别指示灯，通过飞线连接到测试机器并配合测试机器软件完成机器自动化识别。

图二为 ATS2825 CHIPID 烧录子板，配合主板用来烧录 ATS2825 IC 的 CHIPID，各模块功能如下：

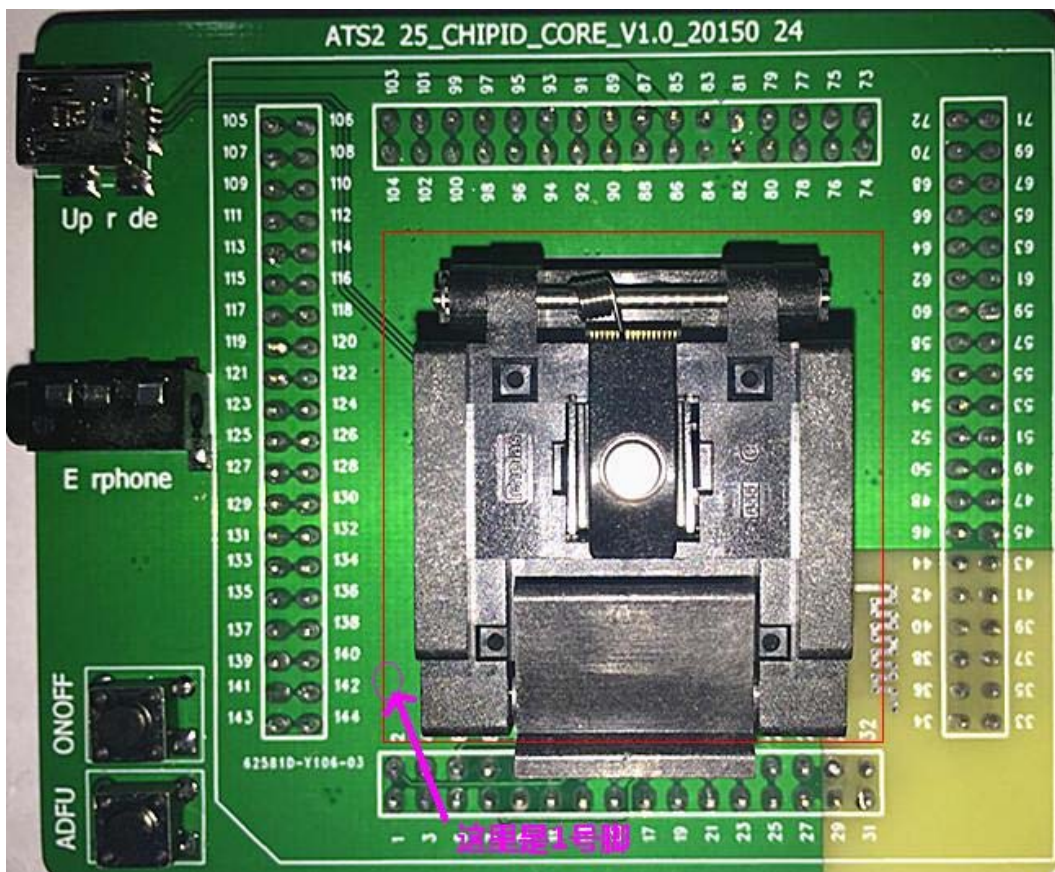
7. ATS2825 IC SOCKET 座，用来放置 ATS2825 芯片。
8. ATS2825 CHIPID 烧录板升级固件用的 USB 口，用做 CHIPID 烧录板的固件升级。
9. ATS2825 系统耳机输出座。
10. ATS2825 系统 ONOFF 和 ADFU 按键。

图三为组装好的 ATS2825 CHIPID 烧录板。

4.3 CHIPID 烧录操作步骤

1. 将 CHIPID 固件烧录到 CHIPID 烧录板中

打开 SOCKET 座子，将 ATS2825 芯片放进去，**注意 IC 的方向不要放错了**，然后盖上盖子。



先按住标示“10”处的 ADFU 按键不放，再将标示“8”处的 USB 口用 USB 线连接到电脑的 USB 口

此时系统会进入 ADFU 模式，PC 上的“多媒体量产工具 V2.01”会显示进入 ADFU 模式

然后放开 ADFU 按键

最后在“多媒体量产工具 V2.01”上点击  选择要升级的 CHIPID 固件，点击



开始下载固件，待固件升级完成



2. 对 ATS2825 IC 进行 CHIPID 烧录

用 5V 充电器或者电脑 USB 口连接烧录主板上标示“2”的 USB 口，给系统提供 5V 电源

将电源控制开关（标示 3）拨到 OFF，然后将待烧录 CHIPID 的 ATS2825 芯片放到 SOCKET 座里，**注意 IC 的方向不要放错了**

拨动电源控制开关到 ON，即开始烧录 CHIPID，观察烧录指示灯，等待烧录完成

3. 判断 CHIPID 烧录是否成功

根据烧录主板上的指示灯和蜂鸣器判断 CHIPID 烧录是否成功

	人工识别				机器识别			
状态	MJ1	MJ2	BUZZ1	BUZZ2	PASS1	PASS2	FALL1	FALL2
烧录成功	5HZ 闪烁	5HZ 闪烁	短鸣	短鸣	常亮	常亮	灭	灭
烧录失败	常亮	常亮	长鸣	长鸣	灭	灭	常亮	常亮
其他情况	出现其他的指示则表示 IC 没放好或其它问题							

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