



AS211D—规格简介

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版本历史

日期	版本号	注释	作者
2015-6-29	1.0	建立初始版本	mikeyang

1 引言

1.1 编写目的

本文档为 AS211D 方案规格的介绍性文档，方便客户了解方案的概况。

1.2 术语和缩写词

缩写和术语	解释
AMV	一种用于便携式播放器上的先进视频引擎的视频格式
AP	Application, 应用程序

2 方案规格介绍

1. 集音视频播放、图片浏览、FM、录音、文本阅读、游戏、电话本等功能于一体。（NorBase 无游戏，电话本功能）
2. 采用 AK2117D 系列芯片。
3. 外壳：竖屏模具。
4. USB 接口：Mini USB 接口
5. 屏幕支持：TFT LCD 屏，8080 接口，分辨率160×128。
6. 存储支持：NAND FLASH Base 方案，支持MLC、SLC，IC 硬件支持8/24/40/60 bit ECC，最多支持4CE Nand flash，最大容量可达32GB
Nor FLASH Base 方案，支持常见的以64K为擦除单元的Nor Flash，容量视固件大小而定。
7. 插卡支持：SD/MMC/TF/SDHC 扩展卡支持。
8. IC 内部集成软开关电路，可极大减小standby 功耗。
9. 音乐播放：支持 WMA、WAV、APE、FLAC 等格式播放。

10. 录音支持：支持 FM/MIC/LINE IN 录音。格式支持WAV。
11. 图片浏览支持：支持 JPEG、BMP、GIF 格式的浏览
12. 视频播放支持：支持高品质的 AMV，AVI，帧率可达25fps 以上
13. FM Radio 支持。
14. 文本文档阅读支持,支持ANSI 和Unicode 编码。
15. 设置功能：支持各功能属性的显示以及按键音的设置。
16. 游戏功能：支持推箱子等 4 款游戏功能。 NorBase不支持游戏功能。
17. 电话本：支持电话本的查询、导入和导出功能。NorBase不支持电话本功能。
18. ADFU 恢复和USB 升级方式的支持固件更新。
19. 支持 24 种语言，unicode 编码驱动支持，方便扩展；
20. 支持播放列表；
21. 支持 40 级硬件音量；
22. 支持图片缩略图播放；
23. 支持用户订制 welcome 画面；
24. 支持 AutoRun、隐藏盘、自动复制文件等量产功能，支持加密盘分区。NorBase不支持此功能。
25. 支持音视频格式的自动转换功能；
26. 支持固件的 Modify 功能。