

The 8051 product line includes MCS-51® industry standard socket drop-in devices, In-System Programming capability, and small footprint 20-pin derivatives in ROMless, ROM, OTP & Flash flavors

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AT89RFD-08 Remote MP3 Player

Description:

NOT RECOMMENDED FOR NEW DESIGN

This Reference Design implement the AT89C51SND2C to realise a remote MP3 player application that can be integrated in many applications such as mobile phone, PDA, camera or other audio systems. To complement the evaluation and enable additional development capability, the AT89RFD-08 board can be connected to the Atmel AT89VDK-04 Development board in order to use the AT89C51SND2C as a slave device controlled by an AT89C51SND1 considered as a host microcontroller.



Documents:

- [AT89RFD-08 Reference Design - Getting Started Guide](#) (User Guide, 6 pages, revision C, updated 04/07)
- [AT89RFD-08 Reference Design - Hardware Schematics](#) (User Guide, revision 3.3.0, updated 10/06)
- [AT89RFD-08 Reference Design - Hardware User Guide](#) (User Guide, 36 pages, revision E, updated 05/06)
- [AT89RFD-08 Reference Design - Software User Guide](#) (User Guide, 76 pages, revision F, updated 06/06)

Software:



Remote MP3 Player Firmware - 512 bytes page size version (182 KB, revision 2.3.4, updated 05/06)
This binary HEX file can be loaded in the Flash version AT89C51SND2C for evaluation of the Remote Player AT89RFD-08 connected to a nandflash (512 bytes page size) or a MMC/SD card. Refer to Software User Guide for full firmware description.



Remote MP3 Player Firmware - 2 Kbytes page size version (157 KB, revision 2.3.4, updated 05/06)
This binary HEX file can be loaded in the Flash version AT89C51SND2C for evaluation of the Remote Player AT89RFD-08 connected to a nandflash (2Kbytes page size) or a MMC/SD card. Refer to Software User Guide for full firmware description.



AT8xC51SND1/SND2 Windows98 Mass Storage Driver - rev 1.0.2 (631 KB, updated 10/04)
This package installs Atmel USB Mass Storage drivers.