

CS835A

(USB2.0 SD Card Reader)

The CS835A is a SD3.0 (UHS-I/SDR-50)/MMC Memory Card Reader working at USB2.0 5pin header port. It supports USB 2.0 high-speed transmission to Secure Digital™ (SD), SDHC, miniSD, microSD (T-Flash), MultiMediaCard™ (MMC), RS-MMC, MMCmicro and MMCmobile on one Card Reader. It also supports huge density memory cards (up to 2TB), such as SDXC and Memory Stick XC. As a single chip solution for USB 2.0 flash card reader, the CS835A complies with Universal Serial Bus specification rev. 2.0, USB Storage Class specification ver.1.0, and SD/MMC card interface specification.

The CS835A integrates a high speed 8051 microprocessor and a high efficiency hardware engine for the best data transfer performance between USB and flash card interfaces. Use GL835 as the main chip IC.

Specification

- **USB specification compliance**
 - Comply with 480Mbps Universal Serial Bus specification rev. 2.0
 - Comply with USB Storage Class specification rev. 1.0 : Standard Device Driver available.
- **Integrated USB building blocks**
 - USB2.0 transceiver macro (PHY), USB controller, Build-in power-on reset (POR)
- **Embedded 8051 micro-controller**
 - Embedded mask ROM and internal SRAM
- **Standard Size SD Card Slot: Secure Digital™ (SD) and MultiMediaCard™ (MMC)**
 - Support SD specification v1.0 / v1.1 / v2.0/ SDHC (Up to 32GB)
 - Support SD specification v3.0 UHS-I: SDR25/SDR50
 - Support SDXC (Up to 2TB)
- **Provide Over-Current protection mechanism for safety power supply for SD card.**
- **On-Chip power MOSFETs for supplying flash media card power**
- **Support Power Saving mode/ Selective suspend mode for better power management.**

CS835A Package Contents



CS835A *1
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