Multifunctional Reader

Overview

The SUZCR-18772 is a high performance USB 2.0 compliant card-reader with fingerprint that supports SD/MMC cards, MS/MSPRO cards and Smart Card/SIM cards. SUZCR-18772 integrates USB 2.0 transceiver, MCU, DC-DC regulators and SD card access unit into a single chip. The supported SD/MMC series memory cards are Secure Digital TM (SD), Multi-Media Card TM (MMC), Micro SD, SDHC, Mini SD, RS-MMC, Mobile-MMC and MMC-Micro. The supported MS/MSPRO series memory cards are Memory Stick TM (MS), Memory Stick Pro TM (MS-Pro) and M2.

Smart Card Reader will be a must to the personal computers and Notebooks in the near future. The SUZCR-18772 is an innovation that integrates the traditional flash memory card reader with smart card reader into one USB device. This integration can support the end user to access memory cards and smart card at the same time, which brings the end users great facility and reduces the BOM cost greatly.

SIM Card Reader with SIM editor AP can easily help users to backup/restore the phonebook of SIM Card to/from the PC. This integration can support users to access Micro SD and SIM at the same time.

The SUZCR-18772 integrates 5V-to-3.3V, 5V-to-3V and 3.3V-to-1.8V regulators, MOSFET switches, and could dramatically reduce the system BOM cost.

Features

- Compliant with USB 2.0 Full-Speed and High-Speed transfer mode
- 18 all in one card reader
- USB 2.0 SD/MMC/MS/MSPRO&Smart Card/SIM Card/CF Reader
- Easy to operate protocol
- Windows Plug & Play
- Microsoft PC/SC certificated support PC/SC 1.1
- Ergonomic and cost efficient design
- Customization options: Casing color and logo

SUZCR-18772

Specification

Interface	USB 2.0 high speed
Dimension	25mm (W) x 13mm (H) x 80mm (D)
Card Reader	• CF/MD/MS/MSPRO/MS-DUO/MS-PRO-DUO • MS-MG/MS-PRO-MG/MS-ROM/SD/MMC/MMCII • Mini-SD/RS-MMC/T-Flash/SM/X Card/Smart Card • Min. 200,000 cycles, Max. 1,000,000 • 9600~115,200 bps
Card Standard	ISO 7816-1,2,3,4
Operation System	Windows 98SE/ME/2000/XP/CE, Linux 2.4, Mac
Protocol	T=0 or T=1 Asynchronous
Power	DC +5V Built-in 3.3v regulator for single 5V operation
Operation Conditions	• Operation temperature: 0~48°C • Operation humidity:20~95% • Storage temperature:0~85°C
Approvals	• ISO 7816-1/2/3, PC/SC • CE, FCC, UL, RoHS

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