



Card Reader Controller

AU6479 - Card Reader Controller

The AU6479 is a single chip integrated USB 2.0 multimedia card reader controller that enables PC/DVD/Printer to read/write various types of flash media cards. Flash media cards such as CF, SMC, xD, SD, MMC, Memory Stick are widely used in digital camera, cell phone, PDA and MP3 player to store digital photos and compressed music.

Main Features:

Interface

Support USB V2.0 specification and USB Device Class Definition for Mass Storage, Bulk-Transport V1.0

Memory Card Type Support

Support CompactFlash spec up to ver. 6.0 Ultra DMA mode.

Support SD spec up to ver. 3.00

Support SD3.0 SDR-104, SDR-50 and DDR 50.

Support high capacity up to 2TB

Support CPRM Function

Support MMC spec up to ver. 4.4.

Support Memory Stick spec up to ver. 1.43.

Support Memory Stick PRO spec up to ver. 1.05-00.

Support MS Formatter function

Support Magic Gate function.

Support Memory Stick PRO Duo spec up to ver. 1.11-00.

Support Memory Stick PRO-HG spec up to ver. 1.04-00.

Support Memory Stick XC Duo Format Specification version1.00-00

Support high capacity up to 2TB

Support power class 0, 1, 2

Support xD Picture Card specification up to ver. 1.2.

Others

Hardware DMA engine integrated for performance enhancement.

Work with default driver from Windows ME/2000/XP/Vista/Windows 7/ Windows 8 ; Vendor device driver from Alcor Micro are available to run under Windows 98.

Ping-pong FIFO implementation for concurrent bus operation

Support multiple sectors transfer optimize performance

Support slot-to-slot read/write operation

Support Dynamic Icon Utility

Support LED for bus operating indication. Blinking rate is 1Hz and 50% duty cycle

Power switch integrated to reduce production BOM cost

30MHz 8051 CPU

Built in 5V to 3.3V and 3.3V to 1.8V regulator.

Built in resonator clock source input.

Available in 100-pin LQFP package.

Application Diagram:



For More Information , Please Contact Us

Evaluation Kit Information

AU6479 evaluation kit is designed for customers to test and check the features on demonstration PCB, and also available for future development and design reference purpose.

Content

Sample Chips x 10
Print Datasheet x 1
Main Sample Print Circuit Board x 1
Software CD for Development Usage x 1

Purchase

Price:
USD250 / each (per engineering evaluation kit)
Payment Terms:
Bank Wire Transfer (T/T) in Advance or Credit Card (Contact Alcor sales for this)
Shipping is FOB Taiwan, preferred shipping method is to bill customer FedEx or UPS Account.
Bank Information:
Alcor Micro, Corp.
Bank Name : ChinaTrust Commercial Bank, Tun Nan Branch
Bank Add : No.68, Sec. 2, TunHua S. RD. Taipei, Taiwan, R.O.C.
Bank Tel : +886-2-23253616
Swift Code : CTCBTWTP
Account : 163-131-009545



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