

MA110

USB 2.0 IDE Controller

Features

- USB
 - Fully compatible with USB 2.0/1.1 specification
 - Support USB 2.0 specification for 480Mbit/sec and 12Mbit/sec operation
 - USB Device Class Definition for Mass Storage , Bulk-Transport v1.0
 - USB 2.0 Bus Power & Self Power device spec. compliance
 - Endpoint:
 - Endpoint 0: 64 bytes control transfer.
 - Endpoint 1: 512 bytes bulk transfer for IN transaction.
 - Endpoint 2: 512bytes bulk transfer for OUT transaction.
 - Work with the default driver from Windows, Mac9.2, Mac OS X, Linux2.4.2
- Software features
 - Backup/Scheduling backup/Restore supporting
- ATA IDE Support
 - Complies with ATA/ATAPI-6 Draft Specification
 - Support 28-bit/48-bit addressing
 - Support PIO modes 0,1,2,3,4 and UDMA modes 0,1,2,3,4
 - Support HDD, CD-ROM, CD-RW, CD-COMBO, DVD-ROM, DVD-RW
- Embedded memory FIFO for data transfer
- User defines VID/PID through writing external EEROM
- Integrated 5V to 3.3V/1.8V Voltage Regulator
- Integrated PLL with 12MHz crystal input
- 48 pin LQFP package
- Pin Backward with M110B

Prolific Technology Inc. ↵

7F, #48, Sec.3, Nan-Kang Rd., Taipei, Taiwan 115, ROC ↵

Tel: 886-2-2654-6363 Fax: 886-2-2654-6161 ↵

E-mail: sales@prolific.com.tw ↵

<http://www.prolific.com.tw> ↵