

PL27A1

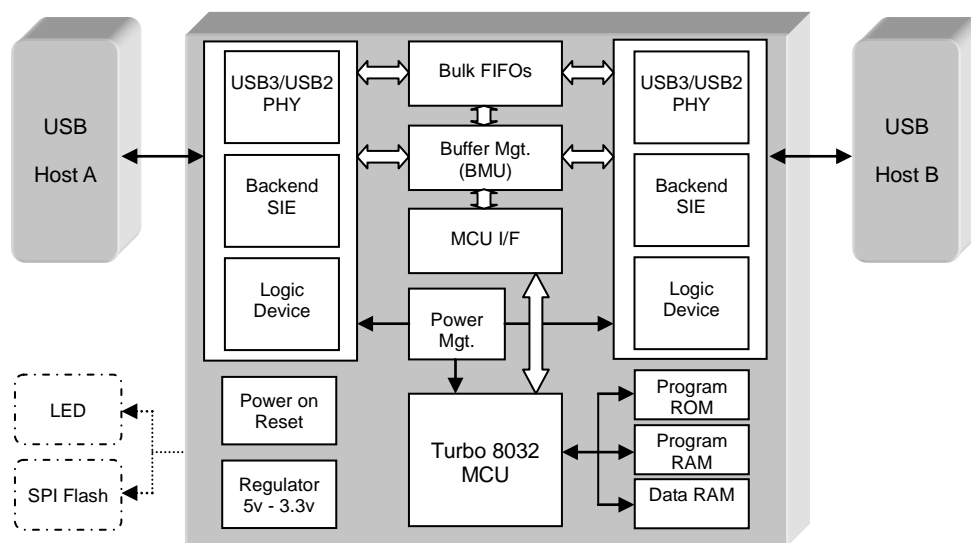
Super-Speed USB Host to Host Data Transfer Controller

OVERVIEW

The PL27A1 is a single chip Super-Speed USB Host-to-Host bridge controller specifically designed for data transfer between Windows® operating system and Mac OS X®. PL27A1 supports Microsoft Windows Easy Transfer and Prolific proprietary PCLinq program. The Windows Easy Transfer program is built inside Windows8, Windows 7, Windows Vista OS and also available for Windows XP Update. PCLinq is a Windows Explorer style program for Mac to Mac and Mac to PC cross platform data transfer.

Using the Windows Easy Transfer program, the PL27A1 embedded USB Easy Transfer cable allows end-users easily connecting (thru the USB port) an old computer running Microsoft Windows XP or Win7 to another computer running Windows 7. Once the program has established connection for both computers, the end-user can then transfer large data files and program settings from the old computer to the new computer.

BLOCK DIAGRAM



FEATURES

- Support Windows® and Mac OS X®
- Fully compliant with the USB3.0 Specification v1.0
- Transfer data between two PCs up to 5Gbps
- Built-in driver (USB Easy Transfer Cable) and program (Windows Easy Transfer) support by Microsoft Windows 8, 7 and Windows XP
- Royalty-Free PCLinq Windows Explorer style software for easy file transfer
- On-Chip 5v-3.3v internal regulator
- Dual data buffer supporting two-way data transfer
- Supports external SPI Flash to customize vender/product ID
- Application can be stored in external SPI Flash using Mass Storage Mode
- Supports LED indicator for connection and transfer status
- Bus powered from either USB port
- QFN64 packaging

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>