

PL2732

USB 3.0 eMMC Storage Controller

OVERVIEW

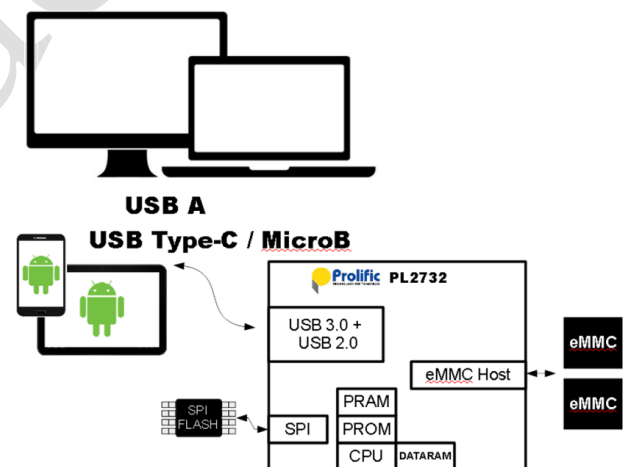
The PL2732 is a SuperSpeed USB to 8-bit eMMC reader controller. It supports USB Mass Storage Class Bulk Only Transfer specification to access eMMC up to HS200.

The PL2732 supports JBOD function to merge two 4-bit eMMC into a single LUN USB drive. The PL2732 integrates USB transceiver, LDO regulator for SD card power, SD UHS-I IO interface regulator, logical GPIO and achieve a very low BOM cost. The controller supports optional SPI flash interface to store system firmware.

FEATURES

- SuperSpeed USB 3.0 Storage Controller Solution
- Support SuperSpeed, Hi-Speed, and Full-speed USB operations
- Support USB Mass Storage Class Bulk-Only Transport Specification
- Supports eMMC up to eMMC 5.0 HS200
- Support JBOD to merger two 4-bit eMMC into one big capacity USB drive
- Optional SPI interface for system firmware
- Built-in 3.3V/1.8V/1.2V LDO regulators to achieve very low BOM cost
- Package type: 7mm x 7mm LQFP48

BLOCK DIAGRAM



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>