

PL2731 (QFN32 Package)

USB 3.0 Single-LUN Mass Storage Card Reader

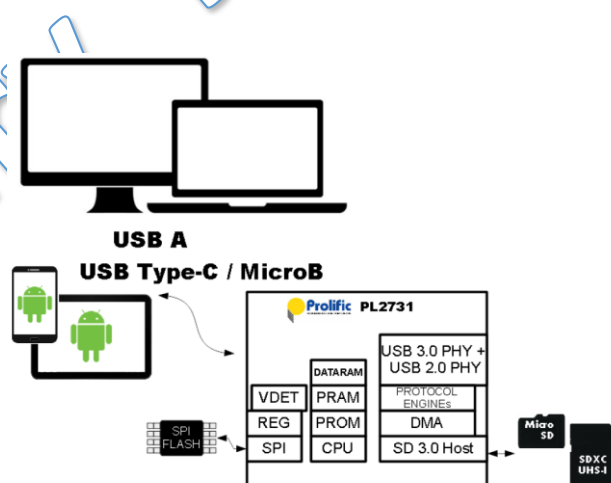
The PL2731 is a SuperSpeed USB to Single LUN SD/MMC card reader. It supports USB Mass Storage Class Bulk Only Transfer specification to access Secure Digital card up to SD3.0 UHS-I SDR104.

The PL2731 integrates USB transceiver, LDO regulator for SD card power, SD UHS-I IO interface regulator, logic core and GPIO to achieve a very low BOM cost. The controller supports optional SPI flash interface for 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 Secure Digital™ card (SDSC, SDHC, SDXC, up to v3.01 UHS-I SDR104) and MultiMediaCard™ (MMC) up to v4.2
- Optional SPI interface for system firmware
- Built-in 3.3V/1.8V/1.2V LDO regulators to achieve very low BOM cost.
- 5mmx5mm QFN32 Package

BLOCK DIAGRAM



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