



SuperSpeed USB 3.0 SATA Bridge Controller Application Note

REV.
1.0

SHT
1 of 1

SUBJECT

Supported SPI Serial Flash

PRODUCT NUMBER/NAME

PL2775 SuperSpeed USB 3.0 Dual-SATA Bridge Controllers

Scope and Purpose:

This application note provides a list of supported external serial memory for Prolific USB 3.0 SATA Bridge Controllers PL2775. External serial memory is used to store the Vendor ID, Product ID, Device Release Number in device descriptor, Attributes and Max Power setting in configuration descriptor, Strings of String Descriptor and some chip operation mode configuration. A new version external firmware is also stored or updated in this memory.

- **SPI Serial Flash:** Currently this is the required case. This case uses SPI Serial Flash to store chip configuration data or configuration data with new firmware. New firmware will be loaded while system startup. The SPI interface is a four-pin interface but this chip uses only three pins to communicate with. Therefore, the DI and DO are shorted or short by a serial 240-ohm resistor is better.

PL2775 Tested SPI Serial Flash List		
Maker	Model No.	Density
Chingis (PMC)	PM25LD010	1 Mbit
Chingis (PMC)	PM25LV010A	1 Mbit
Macronix	MX25L1005MC	1 Mbit
Macronix	MX25L1021E	1 Mbit

Note: Please contact Prolific FAE for the latest Manufacturing Kit (MFG Kit) program for supporting the above list.

Last Update: 7/5/2012
Updates are in blue colors.