

Solid State System – SSS6691Dx USB Controller

Overview

The SSS6691Dx-series USB controller from Solid State System is of the highest performance solution designed explicitly to support SLC (Single-Level Cell) and MLC (Multi-Level Cell) NAND-type flash with multiple dice data configurations from most of the major flash suppliers. With its high-speed Read/Write data access performance (R: 20MB/s & W: 10MB/s for MLC flash) which allowed users to enjoy ultra fast data transferring rate during file copy operations.

The SSS6691Dx-series USB controller now supports the latest NAND generations from both Toshiba™ and Intel® Corporation with its advanced 24-bit BCH ECC technology.

All of the SSS6691Dx-series USB controllers have been fully qualified with Microsoft™ Windows® Vista® and Windows® 7 WHQL compliance. Windows® ReadyBoost® performance is achieved by following specific criterions from Microsoft® Corp.

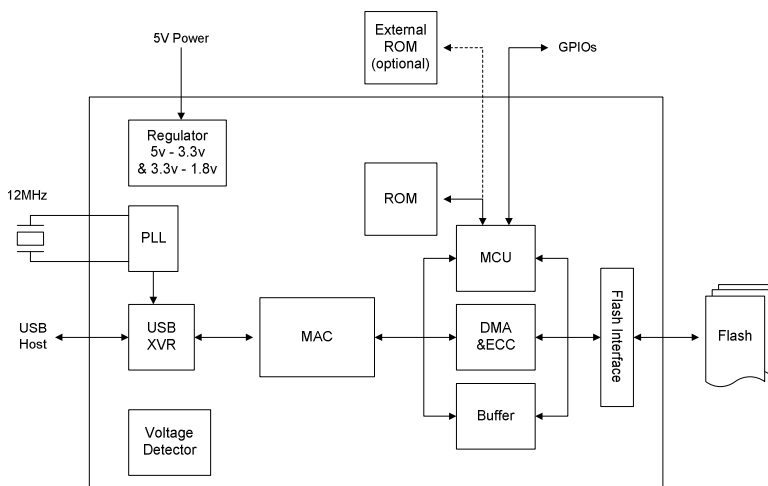
Features

- USB 1.1 & 2.0 specification compliant (480MB/sec)
- Advanced 24-bit/1K BCH ECC supported
- Toshiba™ 43nm D2 and D3 NAND supported
- Toshiba™ 32nm D2 NAND supported
- Intel® 34nm D2 (L63A and L63B) NAND supported
- Global (Static/Dynamic) Wear-leveling
- 4/8CE (Chip-enable) configuration available
- Max. density supported: 32GByte
- Customized VID/PID/Serial configuration supported
- Windows® ME/2000/XP/Vista/7 supported
- Windows® Vista/7 ReadyBoost® - Microsoft WHQL compliant
- Mac OS 8.6+ and Linux kernel 2.4.2+ supported



Highlights

- USB 1.1 & 2.0 supported
- TSB 43nm D2/D3
- TSB 32nm D2
- Intel 34nm D2 (L63A/B)
- Intel 2x-nm D2
- 24bit/1K BCH ECC
- Global wear-leveling
- 4/8 CE available – 48pin
- Max. 32GB density
- Windows® XP/Vista/7
- Mac OS 8.6 and above



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