

S1R72003

USB Device Controller LSI

- USB 2.0 compliant
- High-speed mode support (480Mbps)
- Built-in with UTMI transceiver macro

■ DESCRIPTIONS

S1R72003 is an USB device controller based on the Universal Serial Bus Specification 2.0.

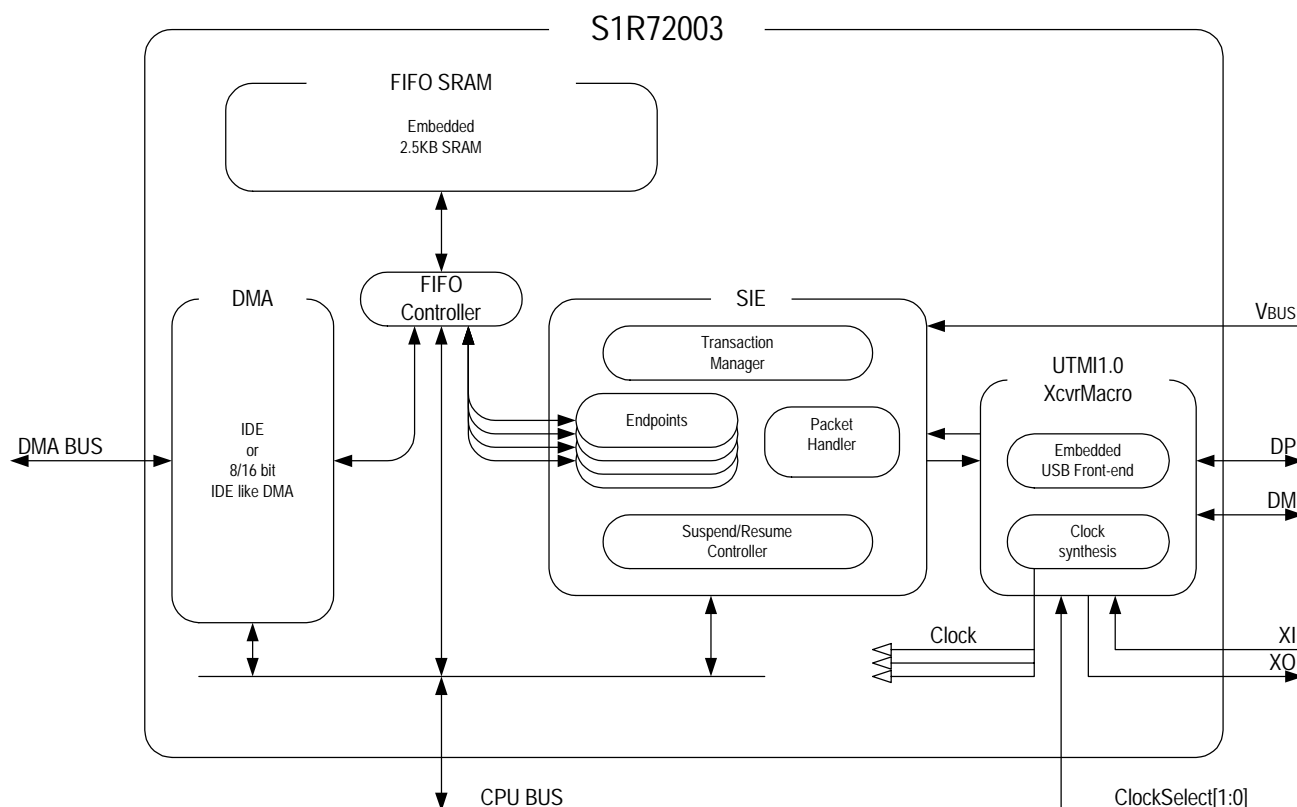
By having UTMI 1.0 compliant transceiver macro cell and optimized serial interface engine (SIE), S1R72003 can achieve USB2.0 Data Transfer with Std. DMA port.

This product fits especially for PC peripheral equipments such as HDD, DVD-ROM, printer and scanner as a high-speed device controller.

■ FEATURES

- USB controller
 - USB 2.0/1.1 compliant (High speed and Full speed support)
 - Control Bulk Interrupt Isochronous transmission
 - 4 Endpoint
 - 2.5KB programmable FIFO
- CPU Interface
 - Standard CPU
 - BUS: 8bit
- Port Interface
 - IDE Interface (Ultra ATA-66)
 - 16bit standard Interface
- Input Clock frequency
 - 12/16/20/24MHz selectable
- Supply voltage
 - 3.3V single power supply
- Package
 - QFP 100pin

* The package is not designed to be radiation proof.



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