

4-Channel Multiplexer and Link Extender for SAS, SATA, Ethernet and FC

TEST AND CONTROL

- Two-wire Interface (TWI) for configuration and status.
- Pin-strappable for standalone operation.

PHYSICAL

- 1.8 V and 3.3 V power supply.
- 0.18 μm CMOS technology.
- 1W typical power.

- 100-pin BGA.
- 11 x 11 mm package.

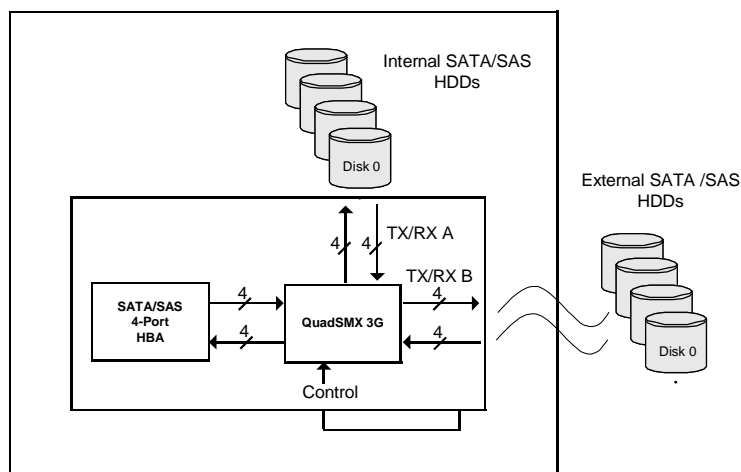
APPLICATIONS

- Host Bus Adapter.
- RAID controller.
- Ethernet (1GE and 10 GE XAUI) and Fibre Channel (1,2 and 10 GFC) link extender.

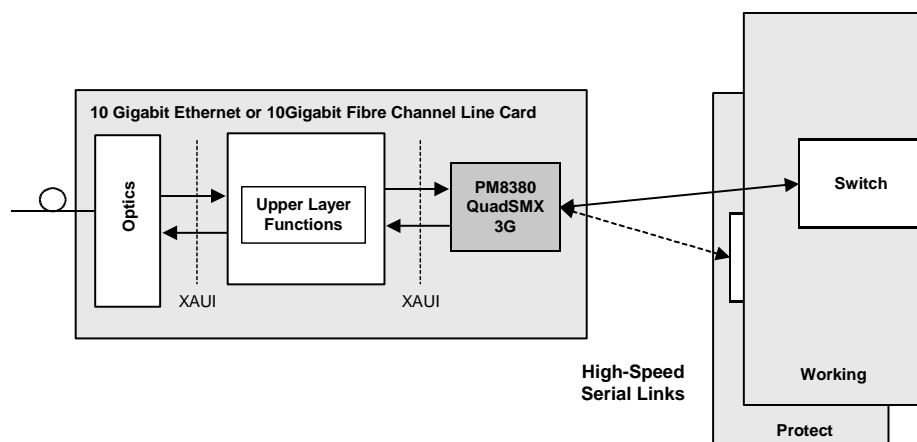
- Ethernet (1GE and 10 GE XAUI) and Fibre Channel (1,2 and 10 GFC) mux/demux.
- PCI Express, PCI Advanced Switching, ATCA, serial RapidIO, Infiniband, and HDTV link extender and mux/demux.

TYPICAL APPLICATIONS

SERVER-CLASS SATA/SAS CONTROLLER



ETHERNET OR FIBRE CHANNEL SWITCH



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