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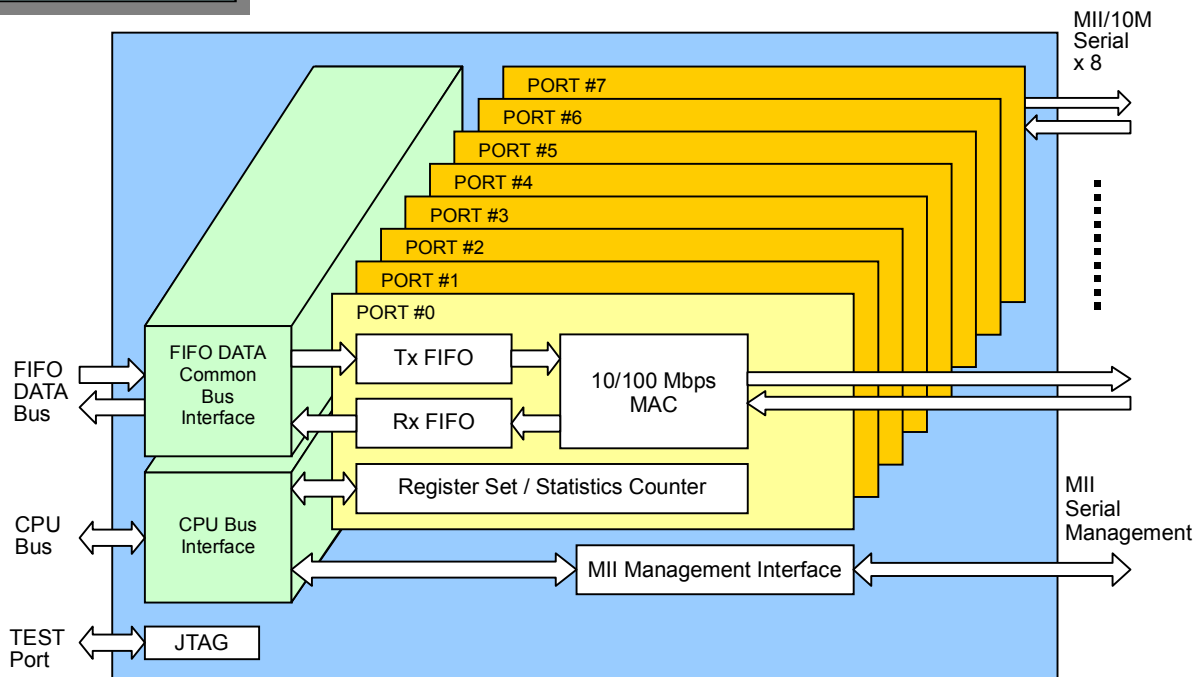
8-Port 10/100 Mbps Ethernet™ Controller

Low cost solution by highly integrated MAC
(Media Access Control) function for Fast Ethernet

Features

- 8-port 10/100 Mbps Ethernet MAC compliant with IEEE 802.3 and IEEE 802.3u
- MII(Media Independent Interface) and 10Mbps serial interface for physical layer
- Independent receive and transmit FIFO (Rx : 2K bytes, Tx : 512 bytes) for each port
- High performance FIFO data bus interface : 32/64bit 66 MHz
- Full duplex operation with IEEE 802.3x flow control
- Statistics counters for RMON/SNMP support
- Unicast, Multicast and Broadcast address filtering
- VLAN frame detection
- Port mirroring function
- JTAG support
- Power supply : 3.3 V
- Package : 352-pin Plastic BGA

Block Diagram

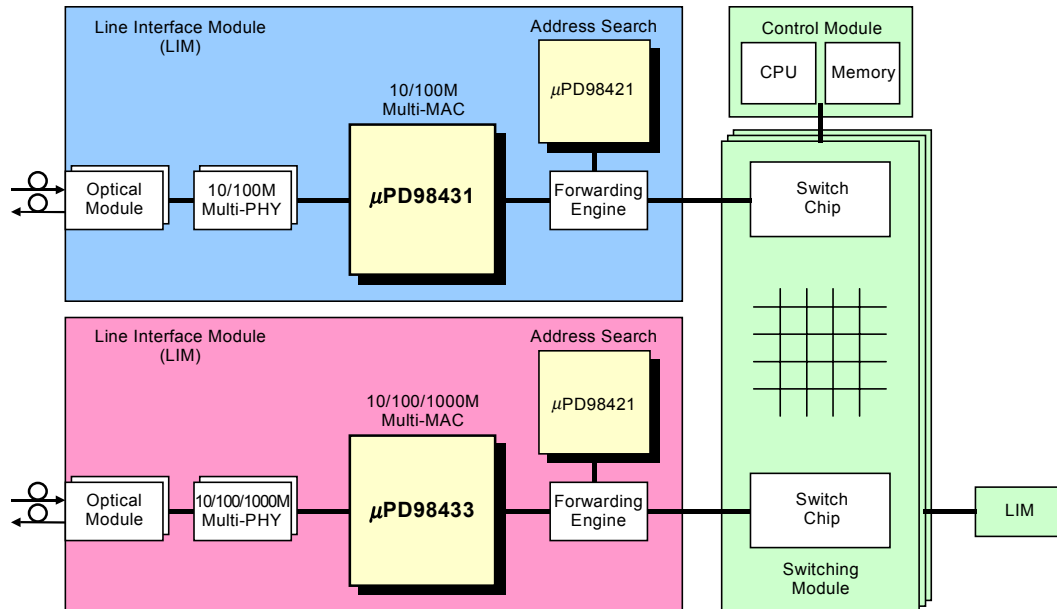


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Target Applications

- Ethernet Switch
- Bridge
- Router
- SONET/SDH ADM
- Ethernet Multiplexer

Sample Configuration of Switch/Router System



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