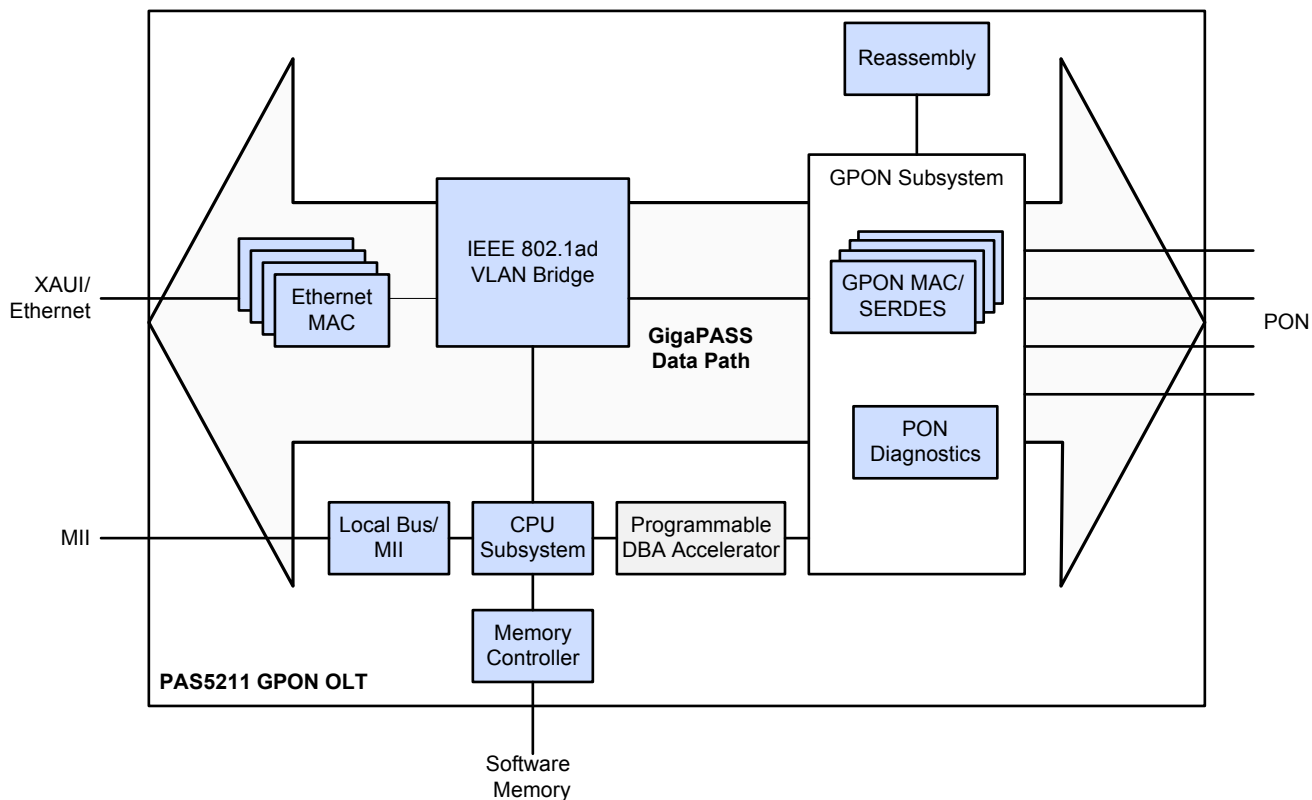## Block Diagram

Interfaces

- Four full-duplex transmit and receive GPON ports, operating at 2.488 Gbit/s downstream and 1.244 Gbit/s upstream
- Integrated GPON SERDES cores
- Flexible optical transceiver control interfaces to support transceivers from multiple vendors
- XAUI backplane interface with redundancy
- Multiple, full-duplex serial Ethernet interfaces to switch ICs
- Flexible, multi-mode host interface for connectivity to the core network controller
- Software memory extension interface for advanced embedded applications
- LED indications for the PON, core network and host interfaces
- General-purpose I/O interface

Further Resources

Technology Webpage

www.pmcs.com/products/optical_network/ftth_pon/

Technical Documentation

www.pmcs.com/resources/downloads_support.html

About PMC

PMC (Nasdaq:PMCS) is the semiconductor innovator transforming networks that connect, move and store digital content. Building on a track record of technology leadership, we are driving innovation across storage, optical and mobile networks. Our highly integrated solutions increase performance and enable next generation services to accelerate the network transformation. For more information visit www.pmcs.com.