

Product Line - Cryptex

• Analog & Mixed Signal Products

- SDI - SD, HD, 3G
- Cable Drivers
- Equalizers
- Reclockers
- SERDES
- PCIe bridges

• Optical Products

- TIAs
- ROSAs
- Limiting Amplifier
- Laser Drivers
- CDRs
- Video Optical Modules

• IP Cores (Snowbush IP, A Division of Gennum)

- PCIe
- Serial-ATA PHYs
- Gigabit & 10Gigabit Ethernet SERDES
- Data Converters
- PLLs and Clock Generators



www.gennum.com

Product Line - Cryptex

• Multi-Service OTN/SONET/SDH

- MXP2 : 10G OTN/SONET/SDH Multi-Service Mapper and Multiplexer

• Ethernet over SONET/SDH (EoS) Mappers

- DSF2500 : 2.5Gbps EoS Data Service Framer
- DSF250 : 2.5Gbps EoS Data Service Framer
- DSF15 : 155Mbps EoS Data Service Framer

• PDH + Ethernet over SONET/SDH (EoS) Mappers

- MSF2500 : 2.5Gbps Multi-service PDH + EoS Framer
- MSF250 : 2.5Gbps Multi-service PDH + EoS Framer
- MSF15 : 155Mbps Multi-service PDH + EoS Framer

• uMSPP on a Chip (EoS + PDH Mappers)

- MXP2 : 10G OTN/SONET/SDH Multi-Service Mapper and Multiplexer
- VersaNode : 155/622M PDH + EoS, Multi-Protocol Metro Access Solution
- RadioNode : 155M Radio Transmission and Cellular Backhaul Solution

• Single Channel EoS Mappers

- PicoNode : 155/622Mbps Miniaturized, Ultra-low power EoS Data Service Framer

• PDH over SONET/SDH Mappers (DS1/E1, DS3/E3 Service)

- PSF15 : 155 Mbps PDH over SONET/SDH Framer



www.galazar.com

Product Line - Cryptex

• Ethernet Aggregation, SAN Mappers and Port Controllers

- MDX250 : Multiple 10/100/1000 Eth. to SPI-3 Multi-PHY Mapper
- MDX251 : Fibre Channel/ESCON/FICON GFP-T Mapper
- MXP2 : 10G OTN/SONET/SDH Multi-Service Mapper and Multiplexer

• Ethernet and PDH over PDH (EoPDH) Framers

- CopperNode : 3xE/FE +1xE/FE/GE Channel over 16 DS11/E1 and 2 DS3/E3
- CopperNodeL : 3xE/FE +1xE/FE/GE Channel over 16 DS11/E1
- CopperNodeHE : 7xE/FE +1xE/FE/GE Channel over 121DS11/E1 and 3 DS3/E3

• Single Channel Ethernet over PDH (EoPDH) Mapper

- PicoNodePDH : 155/622Mbps Miniaturized, Ultra-low power EoPDH Data Service Framer

• System Ready Software

- Galazar Manager Product Suite : SW for Galazar Devices
- DeviceManager : Enhanced Device Driver SW
- ServiceManager : High Level Management SW
- ServiceManager Modules : provisioning and Monitoring SW for Performance Monitoring, Protection Switching and Fault Management



www.galazar.com

Product Line - Cryptex

• FLASH PRODUCTS

- Compact Flash
- ATA / PC Card
- DFC (Discrete Flash Card)
 - Industrial Grade
 - Extended Temperature
 - Controlled BOM (Bill Of Material)

• DRAM

- High performance
- OEM Specifications
- Industry Standard
- Memory Modules
- Technologies : SDRAM, DDR, DDR2, DDR3 & RDRAM

• RAM-Stack™

- Superior Stacking Technology Enabling Highest Density
- Industry Leading Quad-Stack
- Excellent :
 - Signal Integrity
 - Reliability
 - Thermal Characteristics
 - Performance

• PROCESSOR MODULES

- Micro Processor Modules Industry Standard Form-Factors
- Multiple processor Options :
 - Intel, Mindspeed, Samsung, Atmel



Product Line - Cryptex

- **Passive Fiber-optical Components**

- WDM, Switches, Couplers, Attenuators

- **Active Fiber-optical Components**

- ROSA, TOSA, SFP, XFP

- **Customized OEM Modules for Telecom Systems**

- **NETWORK-Cube Systems for Access**



www.cubeoptics.com

- **Transceivers**

- SFP, SFE, XFP, 1x9

- **EDFA**

- UnCooled, Cooled, DWDM

- **CATV**

- Transmitter, Receiver PD/Module,
Video Splitter Module

- **OSA**

- BOSA, TOSA, ROSA

- **TO**

- TO Rx, TO Tx

- **Duplexer/Diplexer**

- **Triplexer, Triplexer transceiver**



www.fibercomtec.com