

## OPTICAL NETWORKING

- ▶ T1/E1 & T3/E3 Interfaces
- ▶ WinPath Network Processors
- ▶ Optical Ethernet Framers and Mappers
- ▶ FTTH/PON
- ▶ Optical SONET/SDH
  - PM5307 TBS 9953
  - PM5308 TSE 120
  - PM5309 TBS 2488
  - PM5319 ARROW 622
  - **PM5320 ARROW 155**
  - PM5324 ARROW 1x192
  - PM5326 ARROW 2x192
  - PM5332 SPECTRA 1x2488
  - PM5336 ARROW 2488
  - PM5337 ADM 622
  - PM5338 ADM 622 PDH
  - PM5369 TUPP 9953
  - PM5370 WSE 40
  - PM5376 TSE Nx160
  - PM5377 TSE 240
  - PM5389 WSE 20
  - PM8611 SBS LITE
  - PM8620 NSE 20G
  - PM5384 S/UNI 1x155
- ▶ Optical Modulator Drivers
- ▶ Switches (Crosspoint and TDM/TSI)
- ▶ Ethernet PHYs (10G-400G)
- ▶ OTN

## Leading-Edge Optical Networking Solutions



[Home](#) / [Products & Services](#) / [Optical Networking](#) / [Optical SONET/SDH](#) / [PM5320 ARROW 155](#)

## PM5320 ARROW 155

[Overview](#) [Applications](#) [Block Diagram](#) [Resources](#)

- SONET/SDH interface for OC-3/STM-1 (155.52 Mbit/s) rates.
- Integrated clock recovery & synthesis allows direct interface to low-cost optical transceivers
- Integrated clock synthesis generates line clock from 77.76 MHz reference
- Complies with Bellcore, ANSI, and ITU specifications for Jitter Tolerance and Jitter Generation
- High order path processing and alignment to STS-1/AU-3/TU-3 level
- Full access to all SONET/SDH Transport overhead bytes via a dedicated serial port
- Full access to all SONET/SDH STS-1/AU-3/TU-3 path overhead bytes via a dedicated serial port
- Full access to all DCC bytes via a dedicated serial interface
- Ring Control port provides real time detection of error conditions and insertion of alarms such as AIS & RDI
- Section and Path Trace filter and monitor checks for Trace Identifier Mismatch (TIM) and Trace Identifier Unstable (TIU) conditions