



AdvancedTCA[®] and AdvancedMC[™] Products



iSPAN[®] 3639

iSPAN[®] 3639 AMC T1/E1/J1 Multiprotocol Controller

- Quad / Octal T1/E1/J1 module with front or rear access support
- SS7 MTP2 LSL/HSL/SAAL, ATM IMA, AAL2/AAL5, HDLC, Frame Relay, ISDN, CAS
- Media Interface with I-TDM support (optional FPGA-based processing)
- Extensive suite of software development tools for seamless integration (*iWARE[®]*)
- x1 PCIe (AMC.1 Type 1) and 1 or 2x Gigabit Ethernet (GE) (AMC.2 Type E1 or Type E2) to carrier
- Powerful Freescale[™] PowerQUICC[™] III Processor
- AMC.0 R2.0 Mid-size or Full-size, Single Width AdvancedMC



iSPAN[®] 3640

iSPAN[®] 3640 AMC High-Performance T1/E1/J1 SS7 Controller

- Octal T1/E1/J1 module with front or rear access support, with High-Impedance mode
- SS7 MTP2 LSL/HSL/SAAL, AAL5, Media Interface, Circuit switching (FPGA TSI), Monitoring
- Extensive suite of software development tools for seamless integration (*iWARE[®]*)
- x4 PCIe (AMC.1 Type 4) and 2x GE (AMC.2 Type E2) to carrier
- High-Performance Freescale[™] PowerQUICC[™] III / QUICC Engines[™] Processor
- AMC.0 R2.0 Mid-size or Full-size, Single Width AdvancedMC



iSPAN[®] 36CA

iSPAN[®] 36CA Oxeon[™] Plus Packet Accelerator

- Cavium Networks Oxeon Plus based packet processor
- 4x GbE (AMC.2 Type 2E2 or Type 4) and PCI-E x4 (AMC.1 Type 4) to carrier
- 4x GbE interfaces on front panel (or rear access as required)
- Support for 4, 8 or 12 cores processor @ 600Mhz each with NSP, and SCP options
- Extensive packet processing software support
- AMC.0 R2.0 Mid-size or Full-size, Single Width AdvancedMC



iSPAN[®] 36MC2

iSPAN[®] 36MC2 10 GE OCTEON[™] Packet Processor AMC

- Cavium Networks high-performance OCTEON Plus 56xx packet processors
- 1x or 2x 10 GE SFP+ on front panel
- 2x GE or 10GE XAU1+ 2x GS (AMC.2) plus PCIe x4 (AMC.1) to carrier
- Support for 8, 10 or 12 core processor with NSP or SCP options
- AMC.0 R2.0 mid-size or full size AdvancedMC
- Extensive packet processing software support



iSPAN[®] 3650

iSPAN[®] 3650 AMC OC-3c/STM-1 ATM/POS Controller

- Quad OC-3c / STM-1 or Dual OC-12c / STM-4
- ATM and Packet Over Sonet (POS) / Termination of AAL1, AAL2, and AAL5
- ATM-IP interworking application for AAL2, AAL5 and GTP-U traffic
- Extensive protocol software support for ease of subsystem integration (BSP)
- 4x GE (AMC.2 Type 2E2) and x1 PCI-e (AMC.1 Type 1) to carrier
- Winpath[™] 2 Network Processor for Protocol Processing and Interworking
- AMC.0 R2.0 Mid-size or Full-size, Single Width AdvancedMC



AdvancedTCA[®] and AdvancedMC[™] Products



iSPAN[®] 36MC1

iSPAN[®] 36MC1 AMC Channelized OC-3/STM-1 ATM/MLPPP Controller

- Cavium Networks high-performance OCTEON Plus **56xx** packet processors
- 4x GE RJ45 on front panel
- GbE (AMC.2) plus PCIe x4 (AMC.1) to carrier
- Support for 8, 10 or 12 core processor with NSP or optional CP
- AMC.0 R2.0 mid-size or full size AdvancedMC
- Extensive packet processing software support



iNAV[®] 31K

iNAV[®] 31K AdvancedMC Carrier Blade

- Quad single width or dual double-width Mid-size AdvancedMC carrier
- 1 or 10 Gb fabric support
- Supports 4x GE (AMC.2 Type 2E2), x1 PCI-e (AMC.1 Type 4), and SAS / SATA (AMC.3 Type S1) AdvancedMCs
- Linux[®]-based Board Management Computer
- Powerful GE switch / optional PCI-e Switch connected to each AMC bay and RTM
- Supports a Rear Transition Module (RTM) for flexible rear I/O



iSPAN[®] 3676

iSPAN[®] 3676 AMC OC-3/STM-1 ATM Network Interface

- Single or Dual Active ATM over OC-3/STM-1 Interfaces module
- Automatic Protection Switching (APS) to ensure system availability for single port configuration
- Support for ATM AAL5 and AAL0 Adaptation Layer
- x1 PCIe (AMC.1 Type 1) to carrier
- AMC.0 R2.0 Mid-size or Full-size, Single Width AdvancedMC



iSPAN[®] 3632

iSPAN[®] 3632 AMC Channelized OC-3 / STM-1 Interface Controller

Quad channelized SONET/SDH module for DS0 and subrates access

- Full DS0 density Media Interface with FPGA-based I-TDM
- 2048 HDLC channels (DS0 or subrate)
- Easy integration with carrier-class high availability systems
- 4x GE (AMC.2 Type 2E2) to carrier
- AMC.0 R2.0 Mid-size or Full-size, Single Width AdvancedMC



iSPAN[®] 36701

iSPAN[®] 36701 Wireless Base Station AMC

- IEEE 1588 v2 / Synchronous Ethernet Full DS0 density Media Interface with FPGA-based I-TDM
- Integrated L2 and L1 on a single SoC provides lowest possible latency
- Radio ready
- Multiple PLL options provide for numerous frequency options and jitter Cleaning
- Rich Ecosystem of software tools and applications available through Interphase Partners
- 4x GE (AMC.2 Type 2E2) to carrier
- AMC.0 R2.0 Mid-size or Full-size, Single Width AdvancedMC



iSPAN[®] 36702

iSPAN[®] 36702 Wireless Base Station AMC

- Quad channelized SONET/SDH module for DS0 and subrates access
- Full DS0 density Media Interface with FPGA-based I-TDM
- 2048 HDLC channels (DS0 or subrate)
- Easy integration with carrier-class high availability systems
- 4x GE (AMC.2 Type 2E2) to carrier
- Radio ready