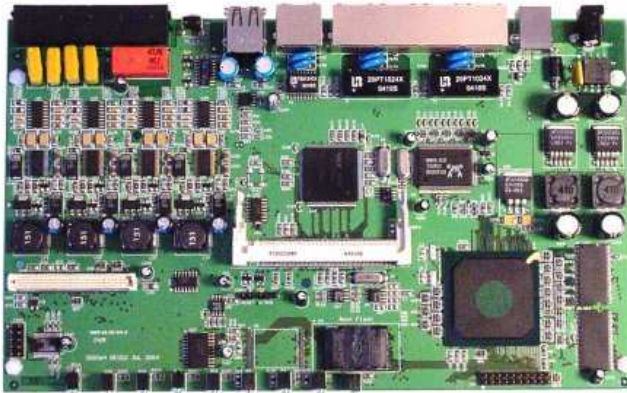


Monte Jade IXDPG425 Reference Design for the Intel® IXP425™ Network Processor

Monte Jade is a richly-featured reference design for the Intel® IXP425™ network processor targeting a wide range of applications including wireless residential gateways with network attached storage and print server capability, security solutions providing VPN termination, and complete voice over IP solutions for the small office. ADI offers full support of Monte Jade, from selling and supporting the development kit, actively supporting customer evaluation and development, to rapid customization of the design to specific requirements, through flexible production across all volumes.



Hardware Features

- Intel® IXP425™ at 533 MHz
- 32 MB SDRAM, 16 MB Flash standard
 - Pad-out for up to 128MB SDRAM, 32 MB Flash
- WAN: 10/100 Ethernet, and Utopia 2 mezzanine card connector for third-party ADSL, ADSL2, ADSL2+ cards
- LAN: Four-port 10/100 Ethernet
- Wireless (optional): Supported via MiniPCI
- Two MiniPCI Type III slots (32-bit, 33 MHz)
- Four POTS FXS telephone ports with PSTN failover
- USB 2.0 host, two ports
- USB 1.1 device port
- RS-232 port
- JTAG debugger and emulator interface
- On-board power supply
- Optional metal enclosure

Software Support

- Jungo Linux (included in development kit)
- RedBoot 1.92
- Kozio kDiagnostics, kMfg, kPOST manufacturing test and diagnostics
- Other OS options
- Jungo OpenRG™:
 - 802.11
 - Stateful firewall
 - VPN
 - VoIP
 - ADSL
 - Management
 - Application in a Flash demo included in development kit

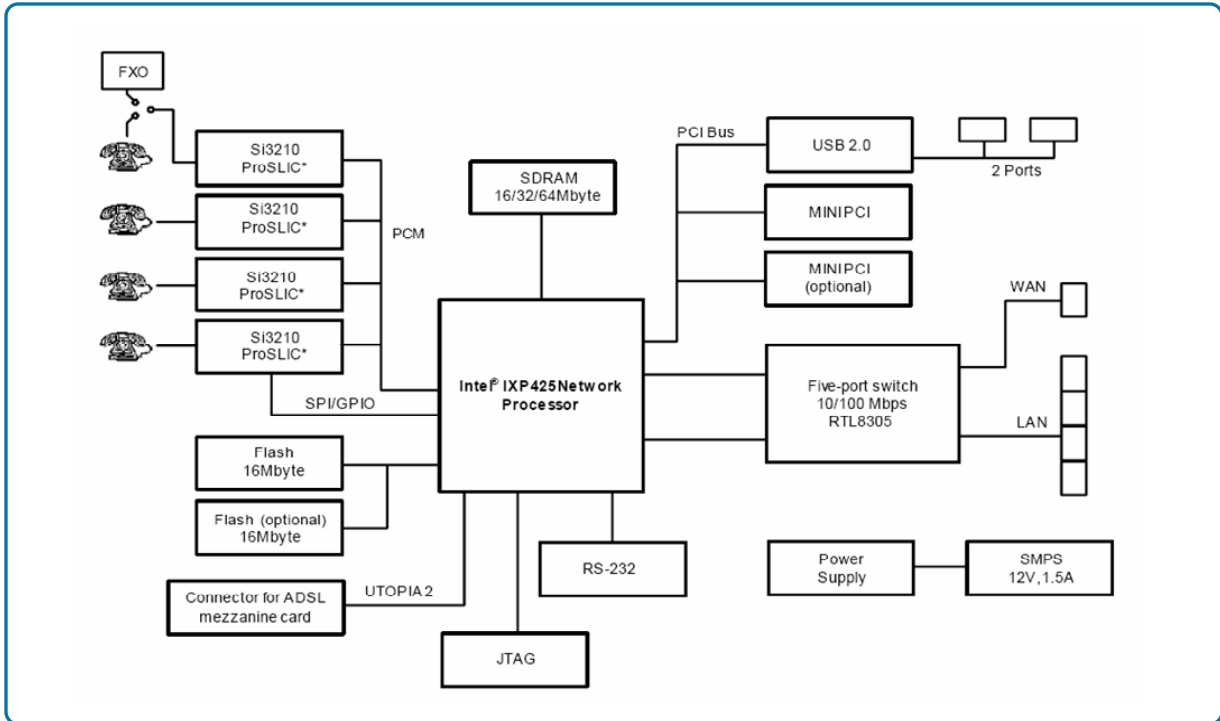
Turnkey Production Solutions from ADI Engineering

By leveraging our extensive IXP425 experience, pre-engineered IP library, and off-the-shelf OEM application platforms, ADI can help you reach your custom product solution faster, and at far less cost and risk than other alternatives. We deliver manufactured production units at virtually all volumes, or support a customer's manufacturing operation via our flexible design licensing options, without ODM IP dependencies.

Product Brief



Monte Jade Gateway Reference Design Based on the Intel® IXP425™



Development Kit BOM

The following items are included with the Monte Jade development kit:

- ✓ Monte Jade board
- ✓ Jungo OpenRG Application in a Flash - Complete VoIP, ADSL, 802.11g, VPN, firewall evals
- ✓ Jungo bootloader
- ✓ AC power supply
- ✓ RedBoot bootloader in Flash optional
- ✓ User's manuals and documentation
- ✓ Jungo Linux BSP & development environment
- ✓ Optional 802.11b/g MiniPCI card & antennas
- ✓ Ethernet, USB and telephone cables
- ✓ ADI Engineering Technical Support

Ordering and Additional Information



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