





## Features and Benefits

- Full rate DMT ADSL solution
- Fully integrated ADSL DSP network processor, integrated Reed-Solomon memory, 10/100 Ethernet MAC, USB 1.1 compliant interface
- Fully integrated AFE with line driver, receive amplifier, transmit amplifier
- Standards compliant: ITU G.992.5 (ADSL2plus), ITU G.992.3 (G.DMT.bis), G.992.1 (G.DMT), ITU G.992.2 (G.Lite), ITU G.992 Annex A, Annex B, and ANSIT1.413 Issue 2
- Firmware upgradeable to ADSL2 and ADSL2plus
- Full-rate bridging and routing performance
- Turnkey Ethernet modem reference design
- Tested for: CSA, CE, FCC part 68 and part 15 Class B, UL1950, CISPR Class B, EN60950, and VCCI Class B
- Visual LED indicates network status
- Interoperable with other ADSL chipsets and DSLAM system vendors
- Optional smaller footprint memory configuration for bridge application
- Dying gasp support
- Simultaneous Ethernet and USB interfaces Microsoft Windows® 98 and 98SE, 2000, Millennium Edition (ME), and XP; Apple Macintosh®; and Linux' family of operating systems
- Supports point-to-point protocol over ATM (PPPoATM), point-to-point protocol over Ethernet (PPPoEthernet), Ethernet over ATM (EoATM), and Internet protocol over ATM (IPoATM)
- RFC 2684 - multi-protocol encapsulation over AAL5
- RFC 2225 - Classical IPoATM
- RFC 2516 - PPPoEthernet
- RFC 2364 - PPPoATM
- DSL Forum TR-37 compliant and single-ended auto configuration
- Asynchronous transfer mode (ATM)/unspecified bit rate (UBR)/variable bit rate (VBR)/constant bit rate (CBR) services
- Multiple virtual circuits (VCs) support
- Hypertext transfer protocol (HTTP) server and command line interface
- Supports zero installation PPP bridge mode (ZIPB)
- Supports management access over simple network management protocol (SNMP), HTTP, and command line interface (CLI) (over Telnet and RS-232)
- Remote management for SNMP over HDLC/EOC, PVC and IP

## Conexant Product Portfolio

The company's broad portfolio of semiconductor products also includes client-side DSL, cable, and dial-up modem solutions; fiber optic system-on-chips; broadcast video encoders and decoders; digital set-top box components and systems solutions; and IEEE 802.11a/b/g/n-compliant WLAN chipsets. Additional products include a complete line of asymmetric and symmetric DSL central office solutions, which are used by service providers worldwide to deliver broadband data, voice, and video over copper telephone lines.

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