



CX95516/CX95524

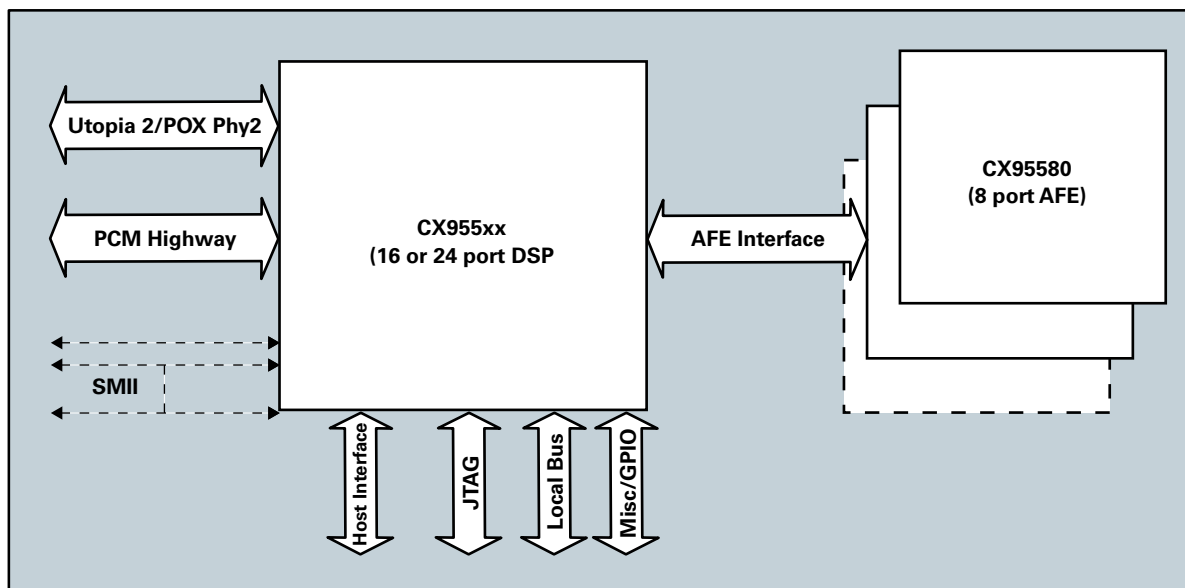
Coupled with Conexant's Columbia family of IP Digital Subscriber Line Access Multiplexer (DSLAM) line card network processors, CX95516/CX95524 enables the most feature rich IPTV line card solution for next generation exchange (CO), remote unit (DLC/ONU), or multiple dwelling/tenant unit (MxU) applications.



- Highest density ADSL2Plus solution
- Extended interleaving memory for maximum INP to support the new amendments to ADSL2+ standard
- Dual interleaving for triple play features
- Enhanced Dynamic Rate Repartitioning (DRR)
- Mask on Demand (MoD) support for superior rate/reach performance
- Dynamic Spectrum Management (DSM) support for better cross-talk performance
- IP DSLAM ready, with built-in AAL5 bridging support and packet interfaces
- On-chip segmentation and reassembly for ATM cell and IP packet convergence
- Packet over DSL (PTM) Mode support
- On-chip bonding for both packet and cell based applications

Description	ADSL/ADSL2/ADSL2plus CO
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a 144-pin Low-profile, Fine Pitch Ball Grid Array (LFBGA). The CX95524 chipset includes a DSP in a 24-port configuration and three AFEs. The 24-port Digital Signal Processor (DSP) is packaged in a 668-pin PBGA



- CO DSLAM
- Remote access servers, including Digital Loop Carriers (DLC) and MxU business and residential data access services, including high-speed Internet access
- Triple play applications with video, voice, and data
- Ethernet over First Mile (EFM) applications

The company's broad portfolio of semiconductor products also includes client-side DSL and cable modem solutions, home network processors, broadcast video encoders and decoders, digital set-top box components and systems solutions, and dial-up modems. In addition to its IEEE 802.11a/b/g-compliant WLAN chipsets, software, and reference designs, Conexant offers a suite of networking components that includes solutions for applications based on HomePlug® and HomePNA™. 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.