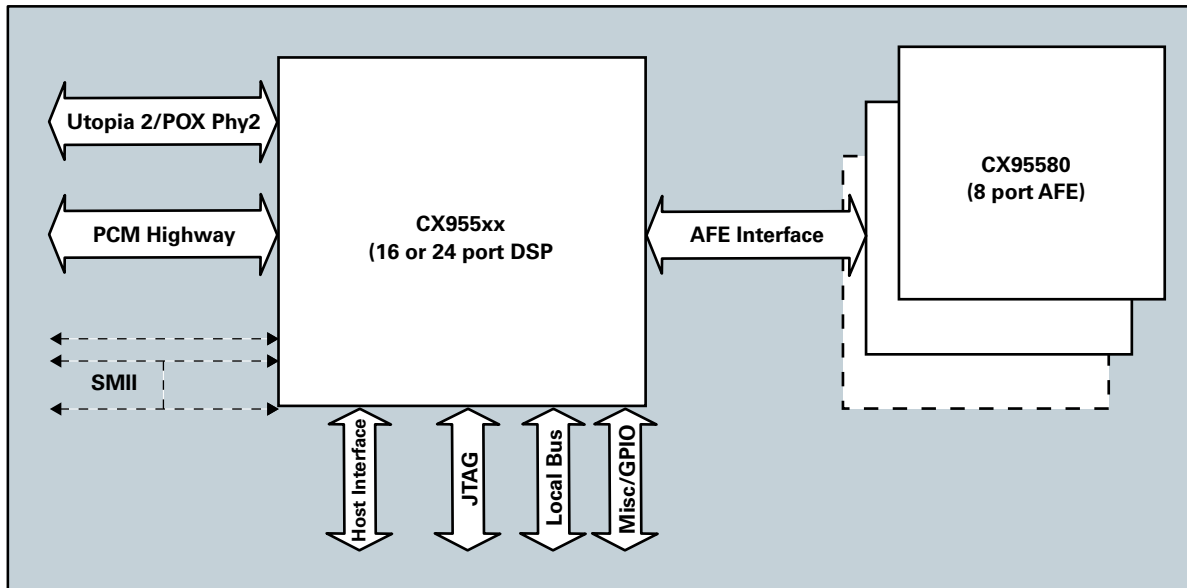






The CX95516 and CX95524 chipsets support 16 and 24 channels of ADSL2/ADSL2+/ADSL2plus, respectively. The CX99516 chipset includes a 16-port DSP and two Analog Front-End (AFE) chips. The DSP is packaged in a 472-pin Plastic Ball Grid Array (PBGA), and the AFE is packaged in

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



**CX95516 Block Diagram**

## Applications

- 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

## Conexant Product Portfolio

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.

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