



Conexant has a broad portfolio of semiconductor products, including:

- DSL, dial-up, and cable modem solutions
- Home network processors
- Broadcast video encoders and decoders
- Digital set-top box components and system solutions

Conexant also offers wireless data and networking solutions that includes HomePlug, HomePNA, and WLAN (802.11) components and reference designs.

Orion Features and Benefits

- High-density transceiver consisting of a 160-pin PBGA DSP/framer and 28-pin thin shrink small outline package (TSSOP) analog front end/line driver (AFE/LD)
- 1.8 cm² per port density for chipset
- Optimal performance vs. power design
- Compliant with G.991.2
- Extended EOC management
- CO and CPE selectable
- Time-division multiplexing (TDM) and UTOPIA interfaces supported
- Pulse amplitude modulation (PAM), quadrature amplitude modulation (QAM), 2 Binary to 1 Quaternary (2B1Q) modulation supported
- Joint test action group (JTAG)
- Supports rates up to 2.3 Mbps

Applications

- High-density access multiplexers
- T1/E1 line cards and repeaters
- Router and bridge CPE
- Digital added main line (DAML) systems
- Leased line services
- Cellular base station

*GlobespanVirata legacy product

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