



CONEXANT®

PRODUCT CATALOG

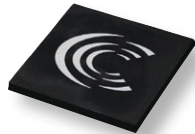
Broadband WLAN HDTV DSL Set-top Box PON IPTV PC Video Voip
Digital Modems

Driving Broadband Communications for the Digital Home

Driving Broadband Communications for the Digital Home

Driving broadband communications for the digital home, information and entertainment networks is what Conexant is all about – delivering voice, video, and data through highly integrated semiconductor system solutions. Conexant has enabled more Internet connections than all of its competitors combined, and is uniquely positioned to serve the industry's fastest-growing markets with all of the building blocks that are required for bridging data access and media processing networks. Whether it's Internet access for the home and business, or interactive media gateways that deliver information and entertainment throughout a residence, Conexant is helping to change the way the world communicates

Internet Access and Broadband Communications



Building the Bridge

Conexant offers a comprehensive family of semiconductor solutions for high-speed Internet access for broadband communications and digital home networks. The company has a tradition of leadership in both dial-up and broadband modems dating back to the earliest dial-up technology and on through the development of today's 56 kbps V.92 modem standard and the latest generation of high-speed cable and digital subscriber line (DSL) central office (CO) and customer premise products. Conexant's many modem innovations have helped lower costs and simplify worldwide product uniformity while improving performance and functionality.

Today, Conexant is the technology and market leader in the development of next-generation broadband modems including products that complement xDSL, passive optical networking (PON) and cable modem connectivity with other home networking and set-top box (STB) capabilities. These high-speed modems provide homes and businesses with multi-megabit connections to an ever-widening array of broadband services and content. For service providers, Conexant offers a comprehensive suite of CO DSL solutions that enable a worldwide access network for the company's broadband DSL modem products. With a complete line of solutions for all asymmetric and symmetric DSL applications, Conexant's CO products deliver broadband data, voice and video content to homes and businesses around the world.

Conexant is also the industry leader in the dial-up modem marketplace. The company offers a broad family of products for desktops, notebooks, handheld devices, video game consoles, and other platforms such as point-of-sale terminals.

Conexant also is a leader in the development of next-generation broadband modems, including products that combine VDSL, ADSL, and cable modem connectivity with

other home-networking and set-top-box capabilities. These high-speed modems provide homes and businesses with a multi-megabit connection to an ever-widening array of broadband content and services.

Sharing the Connection

In addition to providing a bridge to the Internet and high-speed networks, Conexant enables broadband connections and network content to be shared throughout a home or office. The company's broad portfolio includes home network processors, set-top box solutions, and wireless data and networking components, as well as voice over Internet protocol (VoIP), and convergence video products. These devices process media content so it can be displayed on PCs, digital TV products, and other emerging system platforms. The company also offers a family of companion local area network (LAN) devices that connect multiple PCs and peripherals over a home's telephone lines, electrical wiring, Ethernet, or wireless LAN (WLAN) links. This family of products includes a complete suite of IEEE 802.11 WLAN chipsets, software and reference designs. These standalone solutions can also be used in conjunction with Conexant's home network processor, xDSL, and cable modem semiconductor system solutions.

Additionally, the company supports all major consumer video applications with a suite of convergence video products that includes broadcast analog and digital video encoders and decoders, MPEG encoders and codecs, and full set-top box solutions. These products allow users to bring audio and video entertainment content from broadcast cable and satellite networks into and throughout the home or office.

As PC and TV applications overlap and create a new generation of digital entertainment and information services, Conexant is uniquely positioned with one of the world's most complete portfolios of broadband access, media processing, and data networking products and technologies for broadband communications and the digital home.

Conexant Product Portfolio

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Broadband Access

Conexant is the No. 1 provider of xDSL semiconductor systems solutions to enable the broadband market worldwide. Conexant's complete portfolio of full-featured, standards-compliant products includes client-side and CO solutions for ADSL/2/2plus, VDSL/2, symmetric high bit rate digital subscriber loop (SHDSL), and PON applications.

Client-Side DSL Solutions

Conexant's customer premise equipment (CPE) DSL modem chipsets lead the market in integration and increased functionality. Our chipsets and software systems solutions are optimized to address the growing demand for high-speed connectivity. With a portfolio of form-factor options, from basic ADSL USB bridges to full featured ADSL2plus Gateways, Conexant's DSL CPE product offering is ideal for a wide range of applications. The DSL CPE modem solutions support asymmetric and symmetric DSL standards including SHDSL, ADSL2, and ADSL2plus, as well as Annex A, B, M, and C standards to meet all international DSL market needs.

CX94610/5	High Speed ADSL2Plus Chipset with Integrated Wireless LAN
CX94515	ADSL2/2plus Router/Gateway Chipset with Integrated Voice and Support for PRISM GT™ and PRISM® WorldRadio USB 2.0
Argon 432	ADSL2/2plus Router/Gateway Chipset with support for PRISM GT, PRISM WorldRadio and CX9041x VoIP Chipsets
Viking II Plus	ADSL and ADSL2/2plus Ethernet-USB Bridge/Router Chipset
Centragate II	USB Bus Powered ADSL Chipset
Orion	Single/Dual Channel SHDSL Chipset

Client-Side VDSL2 Solutions

VDSL2 solutions enable very high speed data transmission at aggregated downstream and upstream speeds beyond 150 Mbps. Conexant CPE solutions are the industry's only complete VDSL2 gateway solution, combining the VDSL2 physical layer chipsets with high-performance network processors and field-proven ISOS® software suite for all home gateway applications and the emerging remote management support.

Accelity Packet IAD	Packet over VDSL2 CPE Chipset
Accelity ATM IAD	ATM over VDSL2 CPE Chipset

PON Solutions

PONs are being deployed by operators worldwide to deliver next-generation services. fiber-to-the-node (FTTN) networks provide a cost-effective method to bring fiber to the neighborhood, and then use VDSL technology to deliver bandwidth-intensive, voice, video, and data services to the home. Conexant's PON devices provide operators with an economical, high-performance solution that allows them to quickly deliver products to a larger, existing subscriber base.

Xenon	BPON Processor and MAC Framer
Xenon II	EPON/GE-PON Processor

CO Asymmetric/Symmetric DSL Solutions

Conexant's standards-compliant CO ADSL solutions provide density, cost, performance, power, and functionality benefits, making these solutions ideal for ADSL/VDSL, digital subscriber line access multiplexer (DSLAM), digital signal processor (DLC), and multiple dwelling/tenant unit (MxU) applications. These highly integrated semiconductor solutions have been designed to help service providers lower system costs by reducing development cost, time to market, board area, and power requirements.

Conexant's eSHDSL CO chipsets provide low-power, high-density solutions for 2-wire and 4-wire DSL equipment, enabling symmetric transmission at T1/E1 data rates and greater over one or two pairs of copper telephone wires. Programmable DSP architecture, based on the company's stable, field-proven DSL technology, enables software upgradeable feature enhancements, performance improvements, and on-the-fly interoperability.

G24 24-Port ADSL/SHDSL CO Chipset

Octane 8-Port ADSL/SHDSL CO Chipset

CO VDSL2 Solutions

VDSL2 solutions enable very high speed data transmission at aggregated downstream and upstream speeds beyond 150 Mbps. Conexant's VDSL2 CO chipset offers high-speed, long reach, and a low total system-cost for multiply-divide unit (MDU), optical network unit (ONU), digital loop carrier (DLC), and CO deployments.

Accelity VDSL2 CO Chipset

CO Network Processors

Conexant's CO network processor solutions create the worldwide access network for its personal access and digital home networking products. The company's products consist of highly integrated, multi-application CO network processors for the next-generation of intelligent DSL access equipment. Service providers use these solutions worldwide to deliver data, voice, and video over copper telephone lines to homes and businesses around the globe, and have been recognized time and again as the industry's number one copper wire solutions for broadband communications.

Columbia DSL DSLAM/DLC Central Office Network Processors

Columbia X IP DSLAM Processor for Next Generation Triple Play Services

Dial-Up Modems

Conexant has a long history of technological innovation and leadership in modem technology, including development of the world's first dial-up modem chip. Our highly reliable modem chipsets can be found in desktops, notebooks, handheld devices, video game consoles, STBs, and other platforms such as point-of-sale (POS) terminals, providing universal Internet access to millions of users worldwide. With more than 750 million units sold worldwide – more than all of our competitors combined – Conexant is the leading supplier in this market. Conexant's dial-up modem chipset encompasses all major industry standards.

Host-Controlled Modems

Conexant counts among its customers the world's leading manufacturers of desktop PCs, notebooks, and smart appliances. The digital signal processing in a host-controlled modem is accelerated by the device hardware with the host CPU managing the controller function. Improving the dial-up modem experience for Internet access, the V.92 ITU standard enables a quicker handshake time, faster upstream data rate, and modem-on-hold capability.

CX06834 HCF PCI V.92 Modem Device Set

Controller-Based Modems

Conexant has taken the lead in offering the next-generation of PC controller-based modem solutions that can be designed into numerous applications. All processing power in a controller-based device is done through the hardware, making it a complete solution that requires no host CPU intervention. Many products for the home, including desktop PCs, notebooks, handheld devices, video game systems, and STBs, use controller-based modems that provide universal Internet access to millions of users. For productivity outside the digital home, controller-based modems can be found in DSL back-up applications.

CX06827 SC56D V.92 Single-Chip Modem Device using External Memories

CX93010-11 Controller-Based USB V.92 Modem Device Set

Soft Modems

Drawing on our history in modem technology development, Conexant's line of software modem solutions are proven, reliable products that deliver the latest features to enhance the end user's Internet experience. The host CPU handles all digital signal processing and controller functions for soft modems. Conexant supplies both the silicon and software drivers for all solutions, ensuring complete one-stop technical support. Our low-cost soft modem products support a wide range of platforms, including:

- PCI desktop
- AMR/CNR/ACR riser card
- Audio modem on motherboard
- Mini-PCI notebook
- USB desktop/notebooks
- MDC notebook
- Modem on motherboard

CX11252 HSF PCI Software Modem Device

CX11261/CX20548 SmartHSF PCI Software Modem Device with SmartDAA®

CX93010-21 HSF USB Software Modem Device

CX11254-31 SmartMC 3S AC Link Software Modem with SmartDAA

CX11254-51Z SmartMC3Z High Definition Audio Software Modem with SmartDAA

CX20468 SmartAMC 3 Audio Modem Codec with SmartDAA

CX20549-12Z SmartAMC HD2 Audio Modem Codec with SmartDAA for HD Audio

CX20549-11Z SmartAC HD2 Audio Codec for HD Audio

Fax Modems

Conexant is the undisputed world leader in fax solutions, providing chipsets for three out of every four fax enabled machines worldwide. The company offers high-performance, fully-featured fax solutions, allowing OEMs to design products for the emerging integrated communications markets. Fax machines and multifunction peripherals (MFPs) are undergoing a transformation to an integrated communication resource center – combining fax with the telephony features expected in consumer products. Conexant’s fax modem solutions enable manufacturers to address the growing market for fax-ready devices, from high-performance office products to low-cost consumer applications.

CX06837	V.34 Fax and V.90 Data Modem Device with Speaker Phone and DTAM
CX86810	DFX214/DFX209 V.17/V.29 Fax Modem
CX86710	SFX336 2nd Generation Smart V.34 Fax Modem with SmartDAA
CX86820	DFX214-Vx/DFX209-Vx V.17/V.29 Fax Modem with Speaker Phone and DTAM
CX86720	DFX336 V.34 Fax Modem with support for Discrete DAA

Application Specific Modems

This product platform provided one of the earliest forms of electronic communications for consumers and businesses, and gave Conexant early expertise in monochrome and, later, color digital image processing and communications. Our core products include the industry’s broadest portfolio of highly integrated single-chip fax modems and engines, supported by the most comprehensive offering of voice and speech features.

CX06835	SCE200 2nd Generation FaxEngine
CX93310	SCE300 3rd Generation FaxEngine
CX92310	CSS300 3rd Generation MFP Engine

Embedded Controller-Based Modems

Conexant has taken the lead in offering the next generation of controller-based modem solutions that can be designed into numerous applications. All processing power in a controller-based device is done through the hardware, making it a complete solution that requires no host CPU intervention. Many products for the home, including desktop PCs, notebooks, handheld devices, video game systems, and STBs, use controller-based modems that provide universal Internet access to millions of users. For productivity outside the digital home, controller-based modems can be used in applications such as POS terminals, satellite ATM locations, and metering devices that measure, regulate, and record the allocation of needed utilities for businesses.

CX93011	CSMxx V.92, V.34, V.32bis Data/Fax/Voice Modem Device with SmartDAA, ROM/RAM Integrated
CX86500	SCXV.92, V.34, V.32bis Data Modem Device with SmartDAA, ROM/RAM Integrated
CX06833	SMXXD V.92, V.34, V.32 Data Modem Device with Discrete DAA, ROM/RAM Integrated
CX90240	CSM22 V.22bis Data Modem Device with SmartDAA, ROM/RAM Integrated
CX84100	SCXV.22bis Data Modem Device with SmartDAA, ROM/RAM Integrated

Convergence Video

Conexant is the world's No. 1 supplier of PC video solutions, with over a decade of experience offering solutions for capturing and displaying video within PCs and consumer devices. The company's Convergence Video products are ideally suited for the digitization of audio and video that is occurring in today's multimedia devices.

Conexant's pioneering accomplishments launched the industry's first single-chip MPEG audio/video codec and the first single-chip video encoder and DVI transmitter. From standard and high-definition video to interactive consumer entertainment services delivered through a STB, PC, digital video recorder or game console. Conexant has shipped more than 50 million analog video encoders and decoders and holds a market-leading position in MPEG encoding.

MPEG Encoders/Codecs

Conexant's family of MPEG encoder/codec products offers OEMs and ODMs high-performance solutions for media center or entertainment PC television tuner add-in cards, MPEG encoding for DVR STBs, and standalone digital video recording products. Whether used as a discrete function within a larger system or in conjunction with other Conexant chips to produce a complete system solution, these products form the basis of a high-quality video recording system. Two products with different levels of integration are offered to tailor to your system design requirements..

CX23416 MPEG-2 Audio/Video Encoder

CX23418 Single-Chip MPEG-2 Encoder with Integrated Analog Video/Broadcast Audio Decoder

PCI Audio/Video Decoders

Conexant's line of integrated PCI audio/video decoders represent the most comprehensive combination of value, worldwide video standard support, integration, and software support available in the industry. Conexant's analog video decoders are often referred to as the industry standard for PC video, security camera systems, STBs, Internet appliances, consumer electronics, and other analog video applications. First to develop the PCI video decoder, Conexant continues to excel in developing innovative strategic solutions through technology advancements and integration.

CX25878 PCI Video Decoders

CX23880/1/2/3 PCI Video and Audio Decoder

CX23885 PCI Express Video and Audio Decoder

Non-PCI Video Decoders

Conexant's non-PCI audio/video decoders provide highly integrated, single-chip analog, AV capture solutions ideal for digital video systems that support worldwide broadcast analog AV content. Distinguished by its high quality, flexibility, broadcast audio decoding, integration, and ease of use, the non-PCI video decoders can be designed into a wide array of applications, including STBs, flat panel displays, HDTVs, and digital video recorders.

CX25829 VideoStream II Decoders

CX25835 Digital Video Decoder

CX25836/7 Single-Chip Video Decoder

CX25840/1/2/3 Single-Chip Broadcast Audio/Video Decoder

Video Encoders

Conexant's digital video encoder ICs provide the most comprehensive combination of features, video performance, flexibility, size, and value for today's STBs, DVD, PC, and other video systems. These video encoder ICs convert digital video stored on DVDs or transmitted to the STB into analog signals, which drive both standard and high definition televisions. Key features such as dual DVI output, SDVO input, 10-bit current output DACs, worldwide video standard support, and compact packages make Conexant the perfect solution for video output.

CX25872/3	High Performance Video Encoder
CX25874/5	High Performance Video Encoder with HDTV Output
CX25890/1/2	Combination TV Encoder and Digital Visual Interface (DVI) Transmitter
CX25900/1/2/3/4/5	SDVO Compatible Combination TV plus VGA Encoder and DVI Transmitter
CX25898/9	Video Encoder with Adaptive Flicker Filtering and HDTV Output

Set-Top Box Solutions

Conexant is the No. 1 provider of satellite tuners/demodulators with over 120 million units shipped. The company offers a comprehensive family of STB products for worldwide satellite, terrestrial, Telco/IP TV, and cable entertainment broadcasting networks. Our products also support various proprietary software solutions, and the Multimedia Home Platform (MHP). Conexant leverages an extensive portfolio of communications technologies, including high-performance processors, integrated cable modems, and sophisticated graphics solutions. These products provide support for advanced applications such as personal video recording, interactive television, and home networking.

Satellite

Conexant offers industry-leading solutions for Direct Broadcast Satellite (DBS) STB applications. Conexant's DBS RF tuner and quadrature phase-shift keying (QPSK) demodulator ICs provide the industry's most technologically advanced and fully featured STB front-end solutions. When paired together, the RF tuner and demodulator ICs create a complete broadband satellite front-end solution capable of operating from 1 to 45 Msp/s in the most demanding satellite environments.

Tuners

CX24109	Satellite Tuner
CX24128	Advanced Modulation Dual Digital Satellite Tuner
CX24118A	Advanced Modulation Digital Satellite Tuner
CX24113A	Digital Satellite Tuner

Demodulators

CX24126	DVB-S2 Demodulator and Forward Error Correction Decoder
CX24130	Dual QPSK/BPSK Demodulator
CX24123	Demodulator and FEC Decoder
CX24114	Advanced Modulation Demodulator and Turbo FEC Decoder
CX24116	DVB-S2 Demodulator and Forward Error Correction Decoder

MPEG

CX22490/6	Interactive TV Decoder IC
CX2416x	Dual Standard-Definition TV Decoder with PVR Support
Bt860/1	Multiport YCrCb to NTSC/PAL/SECAM Digital Encoder
Bt864A/Bt865A	YCrCb to NTSC/PAL/SECAM Digital Encoder
CX24155	Single-Chip Satellite System Solution with Advanced Security Features
CX24142	Single-Chip FTA and FTA-CI STB System Solution
CX2417x	Digital Broadcast High-Definition TV Decoder with PVR Support
CX2418x	MPEG-4 AVC/H.264 Video Decoder IC
CX24138	Single-Chip DBS STB System Solution
CX2425x	Digital Broadcast MPEG Decoder with PVR Support
CX2430x	Low-Cost, High-Quality MPEG Decoder for FTA and FTA/CI DVB-S STBs

Reference Designs

CX05-Trinity-IRD	HD/H.264 STB Reference Design
CX24138/CX24109	DVB-S FTA Satellite STB Reference Design
CX24142/CX24109	DVB-S FTA/CI/CAS Satellite STB Reference Design
CX24301/CX24113A	Cost Effective DVB-S FTA Satellite STB Reference Design
CX24302/CX24113A	Cost Effective DVB-S FTA/CI/CAS Satellite STB Reference Design

USB 2.0 PHY

CX20552	USB 2.0 Physical Layer Transceiver Device
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Cable

Conexant offers end-to-end solutions for the digital cable STB. In addition, Conexant solutions provide integrated support for advanced technologies such as home networking, VoIP, personal video recording (PVR), and cable modem-based applications.

MPEG

CX2443x	Interactive Cable TV Decoder IC
CX04-PUDONG-IRD	Single-Chip DVB-C STB System Solution using CX24146
CX22490/6	Interactive TV Decoder IC
Bt860/1	Multiport YCrCb to NTSC/PAL/SECAM Digital Encoder
Bt864A/Bt865A	YCrCb to NTSC/PAL/SECAM Digital Encoder
CX24146	DVB-C STB Reference Design
CX24153	Digital Broadcast TV Decoder IC Family

Modems

CX24951	Single-Chip Cable Modem DOCSIS 2.0-based IC
CX24943	DOCSIS 1.1 Single-Chip Cable Modem IC

Terrestrial

Conexant offers industry-leading solutions for DVB-T applications. These include STB, iDTV, and PC applications and PVR. PVR and picture-in-picture are two of the many high-end features implemented in this application. In addition to the silicon components, Conexant leverages its vast wealth of system design expertise, and offers several firmware and software solutions and support of state-of-the-art operating systems and middleware, enabling a reduced time to market through a simplified design cycle.

Demodulators

CX22702	Single-Chip Solution for DVB-T Systems
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MPEG

CX04-PUDONG-IRD	Single-Chip DVB-C STB System Solution using CX24146
CX22490/6	Interactive TV Decoder IC
Bt860/1	Multiport YCrCb to NTSC/PAL/SECAM Digital Encoder
Bt864A/Bt865A	YCrCb to NTSC/PAL/SECAM Digital Encoder
CX24153	Digital Broadcast TV Decoder IC Family

Set-Top Box Solutions

Telco/IP TV

Conexant offers complete system solutions for a broad range of TelcoTV/IPTV STB applications. These include standard and high-definition MPEG-2 as well as MPEG-4 (AVC/H.264) decoders with integrated ARM processors and other peripherals needed for an IP STB. Conexant's highly integrated solutions, system design expertise, and key software and hardware reference design support enable a lower cost and quicker time to market for TelcoTV applications.

Standard Definition Decoders

CX24436/7/8/9 IP STB System IC

High Definition Decoders

CX2417x Digital Broadcast High-Definition TV Decoder with PVR Support

H.264/AVC Coprocessors

CX2418x MPEG-4 AVC/H.264 Video Decoder IC

Standard Definition Reference Designs

CX05-DURANGO-IRD IP STB Development Platform

High Definition Reference Designs

CX05-TRINITY-IRD HD/H.264 STB Reference Design

Wireless Networking

Conexant's WLAN solutions portfolio includes IEEE 802.11 and dual-band (2.4 and 5 GHz) chipsets, firmware, software, drivers, and reference designs. These wireless networking solutions are used by the world's leading telecom, networking, and computer companies in a wide range of products, including access points/routers, client cards, desktops, notebooks, PDAs, digital cameras, MP3 players, and other hand-held networking appliances. They are available as standalone solutions or offered in conjunction with Conexant's DSL and cable modem semiconductor system solutions, VoIP chipsets, and home network processors.

WLAN 802.11 Solutions

Conexant's WLAN product offering includes the PRISM GT (802.11g) and PRISM WorldRadio (802.11a/g) chipsets, both of which are available with a fully integrated USB 2.0 interface. A wide range of 802.11b/g and a/b/g client and access point reference designs are also available.

PRISM 3	802.11b Wireless LAN Solution with PCMCIA/CF (16b) PCI/mPCI (32b) and USB options
PRISM GT	802.11g Wireless LAN Solution with PCI/mPCI (32b) and USB 2.0 options
PRISM WorldRadio	802.11a/b/g Wireless LAN Solution with PCI/mPCI (32b) and USB 2.0 options
PRISM WiSOC-GT	802.11 b/g Wireless System-on-a-Chip for Access Point and Router
CX53111	Single-Chip 802.11a/b/g WLAN Solution with SPI Interface for Handheld and Lower Power Applications
CX53113	Complete Small Footprint (10x10) 802.11b/g Single Package Radio (SPR) with SPI interface for Low Power Applications
CX53121	Single Chip 802.11b/g SDIO-SPI WLAN Radio
CX3889	802.11a/b/g Self Hosted Client Technology WLAN Radio with USB 2.0 for PC Peripherals and CE Devices
CX53822	802.11a/b/g Self-Hosted Client Technology WLAN Radio with PCI/mPCI/CB32, 16/32 Parallel, SPI/SDIO, and Compact Flash Interfaces for High Performance Embedded Applications
CX90011	Single-Chip HomePlug 1.0 Solution with MII, USB 1.1, and HSSI

Voice over Internet Protocol

Conexant has a long history in voice band processing and holds an extensive intellectual property portfolio in voice processing and coding technology. The company's field-proven voice technology has been incorporated in millions of voice ports and wireless cellular telephones. Conexant offers a full range of scalable customer premise VoIP gateway solutions for residential/SOHO terminal adapter and gateway applications. Our broad portfolio of VoIP solutions includes various network processors and voice coprocessors with FXO support, targeting the terminal adapters, residential gateways, and ADSL-integrated access devices.

CPE Solutions

The Conexant VoIP CPE chipsets and software deliver cost-effective solutions for commercial and residential applications worldwide. The high levels of integration and features enable manufacturers to cost-effectively deliver increased functionality in their VoIP product offerings. Conexant is evolving its VoIP product offering with a rich portfolio of access, networking, and media processing technologies to provide users with a broad set of integrated Internet protocol (IP)-based voice, data, and media features.

CX82100/CX90411	1 FXS VoIP Solution
CX82100/CX90411/CX20493	1 FXS/1 FXO VoIP Solution
CX82100/CX90412	2 FXS VoIP Solution
CX82100/CX90412/CX20493	2 FXS/1 FXO VoIP Solution
CX86202/CX90412/CX20493/PRISM GT™	2 FXS/1 FXO VoIP Wireless Router
CX86212/CX20493/PRISM GT	2 FXS/1 FXO VoIP Wireless Router

Voice Coprocessors

The Conexant voice coprocessors (VCPs) compress and decompress up to two channels of packet voice from telephone lines or handsets and interfaces to a host network processor over a parallel interface bus. The host network processor can typically be a Home Network Processor (HNP) or an ADSL router. When coupled with the provided software, the HNP and VCP device set implement voice control functions and network/communications protocols, and interfaces to a host computer over an Ethernet or USB connection.

CX90411	1 FXS Voice Coprocessor
CX90412	2 FXS Voice Coprocessor

Phone

Conexant's family of integrated VoIP phone solutions features a single-chip device targeted at IP- and Web-based desktop phone terminals for business and residential applications. The highly integrated chip reduces bill-of-material costs and design complexity, enabling product developers to quickly bring cost-effective and feature-rich VoIP terminals to market.

CX90600	Integrated VoIP Solution for IP Phone Applications
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