



CX93011 CSMxx Modem Simplified Interface

CX93011 Features

- Modulations and protocols
 - ITU-T V.92: Quick Connect, Modem-on-Hold and PCM upstream
 - V.90/V.34/V.32bis/V.32
 - V.22bis/V.22/V.23/V.21
 - V.23 reverse, V.23 half-duplex
 - Bell 212A/Bell 103
 - V.29 FastPOS and V22bis fast connect
 - SIA Protocol and Contact ID for alarm equipment
 - V.80 Synchronous Access Mode
 - V.17/V.29 Fax Class 1/1.0 and Fax Class 2
- V.44/V.42bis/MNP5 data compression
- V.42/MNP2-4 Error correction
- Call waiting (CW) detection for selected countries
- Asynchronous Serial DTE interface
- Hardware and software flow control and speed buffering
- Embedded and upgradable 63 country profiles
- Optional serial NVRAM interface for country profile storage and code upgrades
- Full-duplex 8-bit/16-bit PCM voice pass-through mode
- 28.224 MHz or 27.000 MHz frequency XTAL or clock input

- Worldwide operation
 - Complies to TBR21 and other country requirements
 - Type I and Type II Caller ID (CID) decoding
 - Type II Caller ID snooping
 - Call progress, blacklisting
 - Meets worldwide DC mask requirements
- Low power and voltage
 - Single +3.3 V supply
 - Low power consumption mode
 - +3.3 V I/O level
- Compact, robust board design
 - Reference design files provided for quick time-to-market
 - Reference design tested for PTT and TBR.21 approvals
 - Small, low-profile modem packages
 - Reference design supports 6KV isolation

SmartDAA Features

- Extension pick-up detection
- Digital line protection
- Line reversal detection
- Remote hang-up detection
- Worldwide compliance
- CX20548 SmartDAA 4 LSD in a 20-pin QFN
- Worldwide support with a single design

Conexant Product Portfolio

Conexant's comprehensive product portfolio includes solutions for imaging, audio, and video applications, and analog modems that enable cost-effective Internet access. The company's broadband access products include end-to-end solutions for xDSL networks, and PON solutions for fiber optic applications.

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