





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.

## CX24128 Features

- RF input: 925–2175 MHz
- Symbol rate: 1–45 MSps
- Noise figure: 10 dB, typical
- Input IP3 at minimum gain: 10 dBm, typical
- Baseband filter bandwidth: 3–40 MHz
- Output voltage: 0.5 V<sub>p-p</sub> @ R<sub>L</sub> > 1 kΩ:
- Operating temperature: 0–85° C
- Package type: 48-pin, Pb- free, QFN

## Applications

- Advanced modulation set-top boxes
- DSS/DVB set-top boxes
- Digital VCR (DVR)
- Commercial digital video, audio and data receivers

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**www.conexant.com**  
General Information:  
U.S. and Canada: (888) 855-4562  
International: (732) 345-7500  
Headquarters  
100 Schulz Drive  
Red Bank, NJ 07701  
Order# 102375B

