

CDK-8 Overview

The CDK-8 is a low cost CobraNet interface module that provides OEMs a simple and cost effective means of adding CobraNet audio networking capability to their products. The CDK-8 supports 8 bidirectional audio channels, user programmable DSP processing, and is available with and without a Host Management Interface (HMI) port.

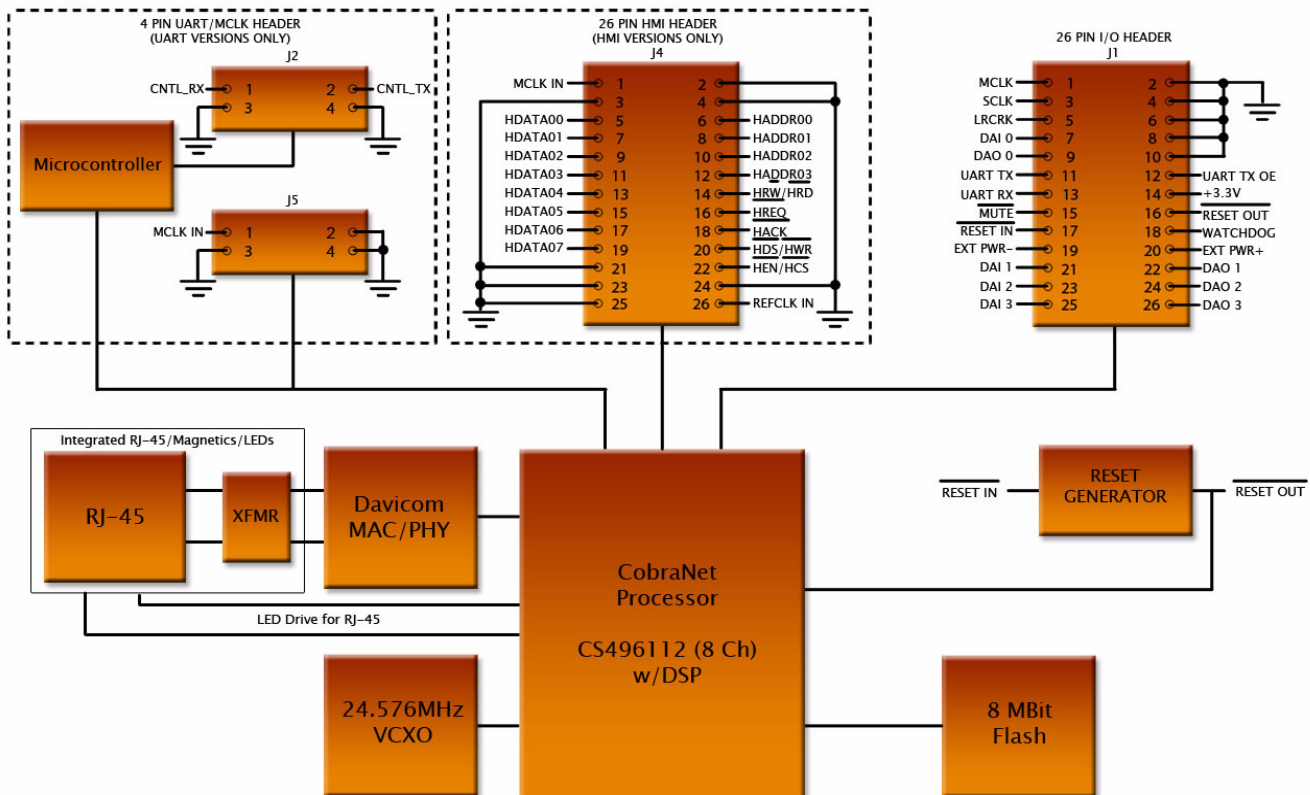
Applications

- Powered loudspeakers
- Multi-channel paging systems
- Security systems
- Two-channel and multi-channel amplifiers
- Residential multi-zone audio networking

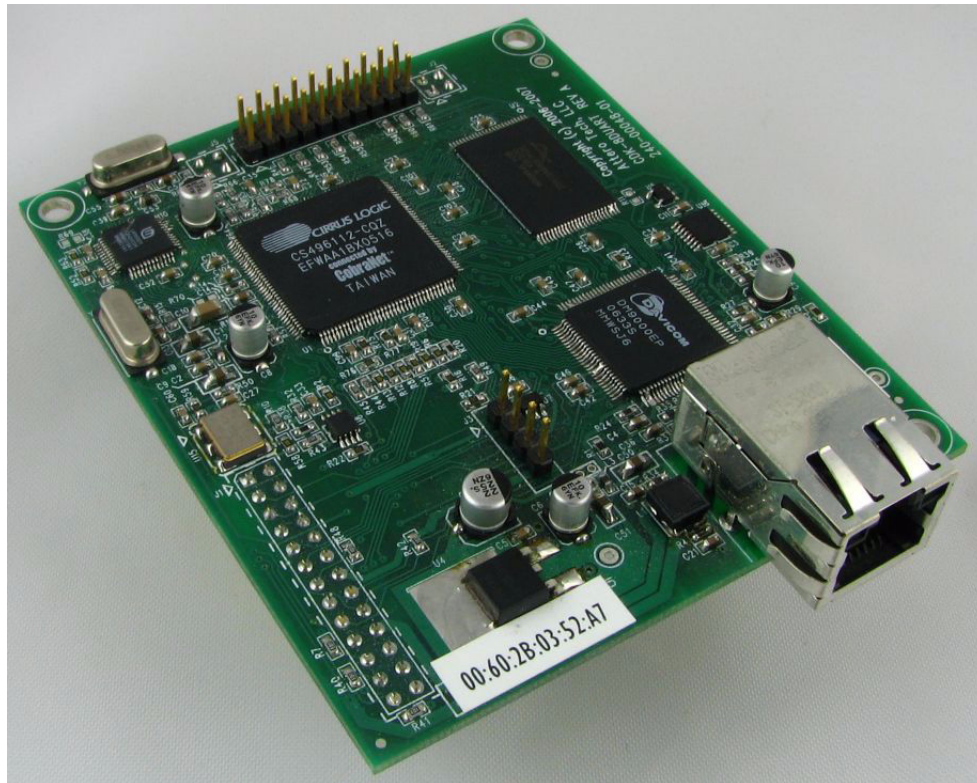
Features

- 100BASE-Tx, 100Mbps, full duplex Ethernet, fully compliant with IEEE 802.3u
- Support for 48/96kHz sampling rates at up to 24 bits resolution
- Serial bridging supported for transmission of control and metadata over the audio network
- SNMP agent for control, monitoring, and management
- TFTP support for firmware updates over the network
- Can be powered through the RJ-45 jack (external regulation required)
- Status LEDs for Link, Activity, and CobraNet conductor/performer
- Compact 3"x3" form factor (3"x3.5" w/HMI support)

CDK-8 Block Diagram



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CDK-8DUART CobraNet Interface Module**Ordering Information:**

Part Number	Description
CDK-8D	8 Channel Interface with user DSP
CDK-8DHMI	8 Channel Interface w/ parallel HMI port and user DSP
CDK-8DUART	8 Channel Interface w/ serial HMI port and user DSP

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