# D/41JCT-LS

Supports voice, fax, and software-based speech recognition in a single PCI or PCI Express slot

| Datasheet

The Dialogic® D/41JCT-LS Media Board is a 4-port analog converged communications board that provides 4 analog telephone interface circuits for direct connection to analog loop start lines. Dialogic JCT Media Boards can be used by developers to provide small- and medium-sized enterprise Computer Telephony (CT) applications that require high-performance voice and fax processing. Among the features and benefits of this model, and other Dialogic⬚ JCT Media Boards, are the following. They use DSP voice processing technology, making them wellsuited for server-based CT systems under Windows and Linux. They also provide a powerful platform for creating sophisticated IVR applications for the small and medium-sized enterprise market segments. Caller ID support lets applications, such as IVR, receive calling party information via a telephone trunk line. Caller ID is supported for North America (CLASS), the United Kingdom (CLI), and in Japan (CLIP). Features such as fax andsoftware-based speech recognition processing enable unified messaging applications.
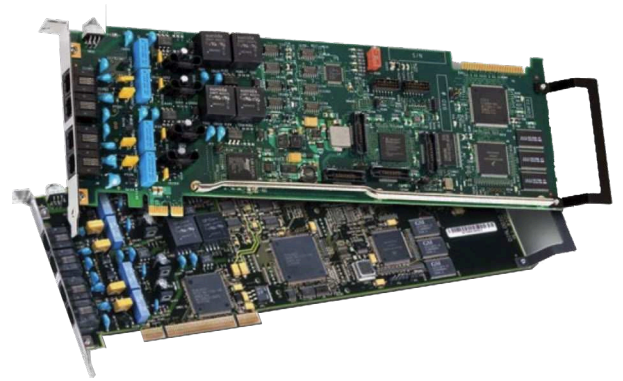
√ **CT or H.100 Bus Connectivity**
- ⊙ Enables an app to switch calls to or from other resources

√ **Supports Continuous Speech Processing (CSP)**
- ⊙ Provides a flexible speech processing technology, which, when coupled with efficient drivers, off-loads critical real-time signal processing in speech-enabled applications to on-board DSPs. Reduces system latency, increases recognition accuracy, and improves overall system response time for speech solutions.

√ **Supports up to 4 Channels of DSP-Based On-Board Fax**
- ⊙ Reduces the number of boards per system

√ **Advanced Outbound Call Progress Analysis**
- ⊙ Monitors outgoing call status quickly and accurately

√ **Separate Models Available with Universal PCI or PCI Express Edge Connector**
- ⊙ Universal PCI form factor compatible with 3.3 V and 5.0 V bus signals; and PCI Express form factor compatible with x1 lane configuration or higher

√ **A-law or μ-law Voice Coding at Dynamically Selectable Data Rates**
- ⊙ Allows for a beneficial tradeoff between disk storage and voice quality
- ⊙ 24 kbit/s to 64 kbit/s, selectable on a channel-by-channel basis

√ **Telcordia CLASS, UK CLI, Japanese Caller ID, and Other International Protocols**
- ⊙ Supports international Caller ID capability via on-hook audio path