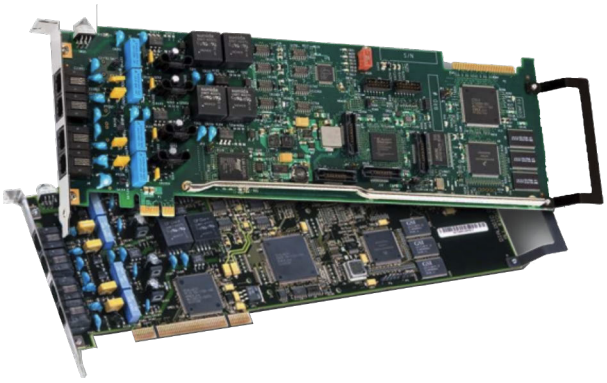
Sangoma

D/41JCT-LS

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

Datasheet



The Sangoma 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. Sangoma 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 Sangoma 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

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