



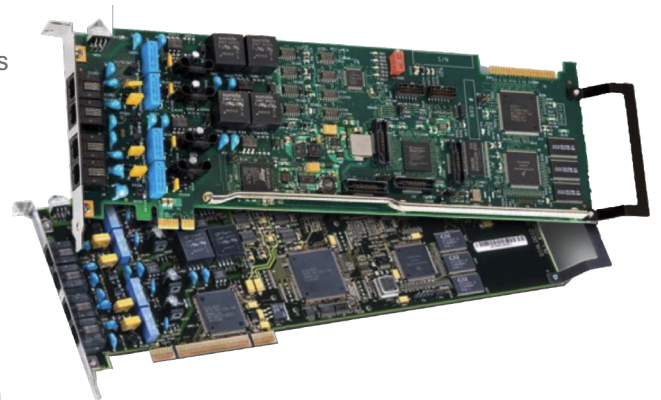
Sangoma D/4PCIUF and D/4PCIU4S

Media boards for high-performance voice and fax processing

Datasheet

The Sangoma D/4PCIUF (voice + fax) and D/4PCIU4S (voice + speech/CSP) media boards are 4-port analog PCI or PCI Express half-size boards that are part of the family of Sangoma JCT Media Boards. These can be used by developers to provide small- and medium-sized enterprise Computer Telephony (CT) applications that require high-performance voice and fax processing.

They use DSP voice processing technology, making them well-suited for server-based CT systems under Windows and Linux. They also provide a powerful platform for creating sophisticated IVR applications. Caller ID support enables apps, such as IVR, receive calling party information via a telephone trunk line. It is supported for North America (CLASS), the United Kingdom (CLI), and in Japan (CLIP). Features such as fax and software-based speech recognition processing enable unified messaging applications. They also provide Automatic Gain Control (AGC), so even a weak telephone signal can be recorded and replayed with clarity.



✓ Supports up to 4 Channels of DSP-Based On-Board Fax

- Reduces the number of boards per system
- D/4PCIUF models only

✓ Supports up to 4 Channels of 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.

✓ 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 Variety of Country-specific Approvals

- Expands an application's ability to serve several global market segments

✓ Supports G.726 and GSM Coders

- Implements unified messaging applications that meet VPIM standards

✓ Voice Coding on a Channel-by-Channel Basis

- Allows for a beneficial tradeoff between disk storage and voice quality

✓ Half-size PCI or PCI Express Form Factor

- Cost-effective systems can be built using the up-to-date Commercial Off-The-Shelf (COTS) chassis

** D/4PCIUF models only*

