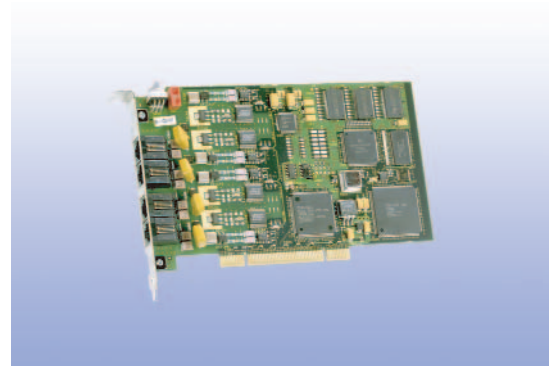


Dialogic® D/4PCIUF and D/4PCIU4S Combined Media Boards



The four-line Dialogic® D/4PCIUF and D/4PCIU4S combined media boards are ideal for small- and medium-sized enterprise computer telephony (CT) applications that require high-performance, cost-aggressive media processing, but do not require the large-scale system sophistication of SCbus- or CT Bus-based products. The boards use the same application programming interface (API) as their predecessor (D/4PCI), making it easy to scale existing applications to take advantage of their power and features in a single PCI or PCI Express® slot. The boards have improved voice quality and automatic gain control (AGC), so even the weakest telephone signals can be recorded and replayed with complete clarity.

The D/4PCIUF (voice + fax) and D/4PCIU4S (voice + speech/CSP) give application developers a powerful platform for creating sophisticated interactive voice response (IVR) applications for the small- and medium-sized enterprise market segment. 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 protocol), the United Kingdom (CLI protocol), and in Japan (CLIP protocol).

Features	Benefits
Supports up to four channels of DSP-based onboard fax (D/4PCIUF only)	Reduces the number of boards per system
Supports up to four channels of continuous speech processing (D/4PCIU4S only)	A flexible speech processing technology, coupled with efficient drivers, off-loads critical real-time signal processing in speech-enabled applications to onboard DSPs. Reduces system latency, increases recognition accuracy, and improves overall system response time for speech solutions
Separate models available with Universal PCI (PCIU) or PCI Express® (PCle) edge-connector	PCIU form factor compatible with 3.3V and 5V bus signals, enabling deployment in a wide variety of PCI chassis from popular manufacturers; PCI Express form factor compatible with 1x slots (x1 or higher compatible) also available
A variety of country-specific approvals	Expands an application's ability to serve several global market segments
Supports G.726 and GSM coders	Implement unified messaging applications that meet VPIM standards
Voice coding on a channel-by-channel basis	Allows for optimal tradeoff in disk storage and voice quality
Half-size PCIU or PCle form factor	Build cost-effective systems using the most up-to-date industry-standard chassis

Technical Specifications

Voice resources	4
Fax resources	4 on D/4PCIUF only
Conferencing resources	0
CSP	Yes on D/4PCIU4S only
Form factor	PCIU; PCIe
Resource bus	None
Connection	RJ-11
Network interface	Onboard loop start interface (LSI)
Signaling	Analog loop start
Operating system	Linux: SR 6.1 SU 232 or higher; Windows: SR 6.0 SU 131 or higher. Details at http://www.diallogic.com/systemreleases
Required accessories	None

Safety and EMC

Canada	ICES-003 Class A CSA 60950-1 ULc File E96804
Europe	EN60950 EN55022 EN55024
Japan	VCCI Class A
US	FCC Part 15 Class A UL 60950 UL File E96804
International	IEC60950 CISPR 22 CISPR 24

Telecommunications

United States	US: EBZKX07BD4PCIU
Canada	IC: 885A-D4PCIU
European Union	DoC

Approvals, Compliance, and Warranty

Hazardous substances	RoHS compliance information at http://www.diallogic.com/rohs
Country-specific approvals	See the global product approvals database at http://www.diallogic.com/declarations
Warranty	Warranty information at http://www.diallogic.com/warranties

For more details, go to www.diallogic.com

Diallogic Corporation

9800 Cavendish Blvd., 5th floor
Montreal, Quebec
CANADA H4M 2V9

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