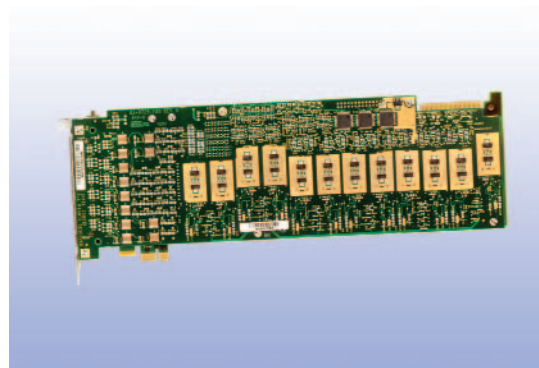


Dialogic® D/120JCT-LS Combined Media Board

The Dialogic® D/120JCT-LS Combined Media Board is a 12-port analog PCI or PCI Express® board ideal for developing advanced communications applications that require multimedia resources. This high-performance, scalable product supports voice, fax, and software-based speech recognition processing in a single PCI or PCI Express slot, providing 12 analog telephone interface circuits for direct connection to analog loop start lines.



The D/120JCT-LS offers the enhanced capabilities an evolving communications market segment demands. The product is ideal for advanced computer telephony (CT) based communications applications that require multimedia resources such as Web-enabled contact centers, unified messaging, and speech-enabled interactive media response (IMR) systems. The D/120JCT-LS offers a rich set of advanced features in addition to supporting digital signal processing (DSP) technology and signal processing algorithms, ensuring a competitive edge for a variety of solutions.

Features	Benefits
G.726 bit exact and GSM coders	Lets developers implement unified messaging applications that meet VPIM standards
Continuous speech processing	Provides a flexible speech processing technology, which when coupled with efficient drivers, offloads critical real-time signal processing in speech-enabled applications to onboard DSPs. This reduces system latency, increases recognition accuracy, and improves overall system response time for high-density speech solutions.
A-law or μ-law voice coding at dynamically selectable data rates, 24 kbps to 64 kbps, selectable on a channel-by-channel basis	Allows the optimal tradeoff between disk storage and voice quality
Bellcore CLASS, UK CLI, Japanese Caller ID, and other international protocols	Supports an international Caller ID capability via on-hook audio path
A variety of country-specific approvals	Expands an application's ability to serve several global market segments at no extra cost
Separate models available with Universal PCI or PCI Express edge-connector	Provides a universal PCI form factor compatible with 3.3 V and 5.0 V bus signals that enables deployment in a wide variety of PCI chassis from popular manufacturers; PCI Express form factor compatible with 1x slots (that is, x1 or higher compatible) is also available
Up to four channels of DSP-based onboard fax	Reduces the number of boards per system

Technical Specifications

Voice resources	12
Fax resources	4
Conferencing resources	0
CSP	Yes
Form factor	PCIU; PCIe
Resource bus	CT Bus
Connection	RJ-14
Network interface	LSI
Signaling	Analog loop start
Operating system	Linux; Windows. Details at http://www.dialogic.com/systemreleases
Volts	3.3, 5
Required accessories	None

Safety and EMC

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

Telecommunications

Canada	IC: 1000U 10540 A
European Union	DoC 06/30/2003
Japan	A00-0318JP
United States	US:EBZUSA-34827-KX-N

Approvals, Compliance, and Warranty

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

For more details, go to www.dialogic.com

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