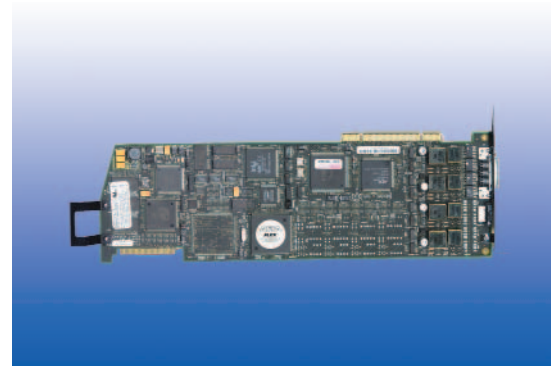


Dialogic® D/42JCT-U PBX Integration Board

The Dialogic® D/42JCT-U PBX integration board offers advanced digital connectivity to many popular private branch exchanges (PBXs) for unified and Internet-ready call, voice, and fax processing applications in small- to medium-sized enterprises. It is available in a PCI and a PCI Express (PCIe) version.



Featuring programmable soft-ports capable of supporting voice, fax, call handling, and host-based speech technologies, the D/42JCT-U reduces the cost of ownership for systems requiring multimedia functionality. The universal PBX interface of the D/42JCT-U offers downloadable firmware for a selection of widely used telephone equipment switches. Support for advanced PBX features such as called and calling number identification, message waiting notification, busy lamp fields, and disconnect supervision is useful for developing unified messaging, interactive voice response (IVR), and call management solutions.

By choosing the D/42JCT-U for enterprise applications, developers eliminate the complexities associated with analog or T1 integration, as well as costly investments in proprietary computer-telephone integration (CTI) links.

Features	Benefits
Four digital interfaces to Avaya, Mitel, NEC, Nortel, and Siemens switches	Allows connection to popular PBX models by leading manufacturers
Digital interfaces to the PBX	Enables tight, direct switch integration that eliminates the need for expensive digital/analog conversion cards or serial ports
Access to switch information	Supports important PBX features such as ANI, DNIS, date/time, and reason for call redirection
Advanced digital connectivity	Provides more information from the PBX than analog connection without the need for separate links and third-party call control
Phone-emulated supervised/unsupervised transfers and disconnect supervision	Allows faster, more reliable transfers than analog connection
Supports GSM and G.726, the coders of choice for Internet-ready unified messaging applications	Enables messaging integration with many popular email servers and applications
One channel of Softfax per card, sharable across CT Bus	Provides scalable fax capability at a low cost by eliminating the need for additional fax hardware

PBXs Supported

Manufacturers	Phone Emulations	PBX Switches
Avaya	7434 (4-wire)	DEFINITY, System 75/85
Avaya	8434 (2-wire)	DEFINITY (G3 V4 and higher)
Mitel	Superset 420	SX-50
Mitel	Superset 430	SX-200ML, SX-2000
NEC	DTERM 111	NEAX 2400, NEAX 2000 IVS, IVS2, IPS, Electra Elite, Electra Professional
Nortel Networks	M2616	Meridian 1
Nortel Networks	M7324	Norstar DR5, CICS, MICS
Siemens	Optiset E	Hicom
Siemens	ROLMphone 400 (RP 400)	CBX 9005, 9006, 9751

Technical Specifications

Voice resources	4
Fax resources	1
Conferencing resources	0
CSP	Yes
Form factor	PCIU; PCIe x1
Resource bus	CT Bus
Connection	Digital
Network interface	Avaya, Mitel, NEC, Nortel, Siemens
Signaling	Digital PBX
Operating system	Linux; Windows®. Details at http://www.dialogic.com/systemreleases
Volts	PCI: 3.3V, 5V; PCIe: 3.3V, 12V
Required accessories	D82UCABLE

Safety and EMC

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

Telecommunications

Canada	IC: 885 10638 A
United States	US: EBZUSA-34995-CE-T

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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