

Dialogic® D/42JCT-U PBX Integration Boards by Sangoma

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 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	PCIe x1
Physical Dimensions	Standard-height, full length form factor 12.28 in. (31.2 cm) long 4.2 in. (10.67 cm) high
Resource bus	CT Bus
Connection	Digital
Network interface	Avaya, Mitel, NEC, Nortel, Siemens
Signaling	Digital PBX
Operating system	Linux, Windows. Details at https://wiki.sangoma.com/display/DVC/Dialogic+Voice+Cards
Volts	PCIe: 3.3 V, 12 V
Required accessories	D82UCABLE; cable connects board to PBX

Approvals, Compliance and Warranty

Country-specific safety and telecom approvals	https://portal.sangoma.com
Warranty information	https://www.sangoma.com/warranties

ABOUT SANGOMA

Sangoma Technologies Corporation is a trusted leader in delivering globally scalable Voice-Over-IP telephony systems, both on-site and cloud-based. As the communication landscape evolves and businesses invest in new strategies to provide effective communications, Sangoma Technologies is your trusted partner; delivering Unified Communications solutions for SMBs, Enterprises, OEMs, Carriers, and service providers.

Founded in 1984, Sangoma Technologies Corporation is publicly traded on the TSX Venture Exchange (TSX VENTURE: STC).



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