



D/42JCT-U

PBX integration board for advanced connectivity for unified & Internet-ready call, voice & fax

Datasheet

The Sangoma is ideal for 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, 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.



✓ 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

Technical Specifications

Voice Resources

- 8

Fax Resources

- 2

Conferencing Resources

- 0

CSP

- Yes

Form Factor

- PCIU; 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

Supported Operating Systems

- Linux, Windows: Details at <https://wiki.sangoma.com/display/DVC/Sangoma+Voice+Cards>

Volts

- PCI: 3.3 V, 5 V; 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>