

Dialogic

DM3 Fax Boards DM/F300-1E1-PCIU

Quick Install Card

Dialogic®

Part Number 64-0069-02
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Before You Begin

Protecting the Board from Damage

CAUTION: All computer boards are sensitive to electrostatic discharge ("ESD"). Handle all static-sensitive boards and components at a static-safe work area, and observe anti-static precautions at all times.

If you are not familiar with ESD safety precautions, visit <http://www.dialogic.com/support/hwinstall> to learn more.

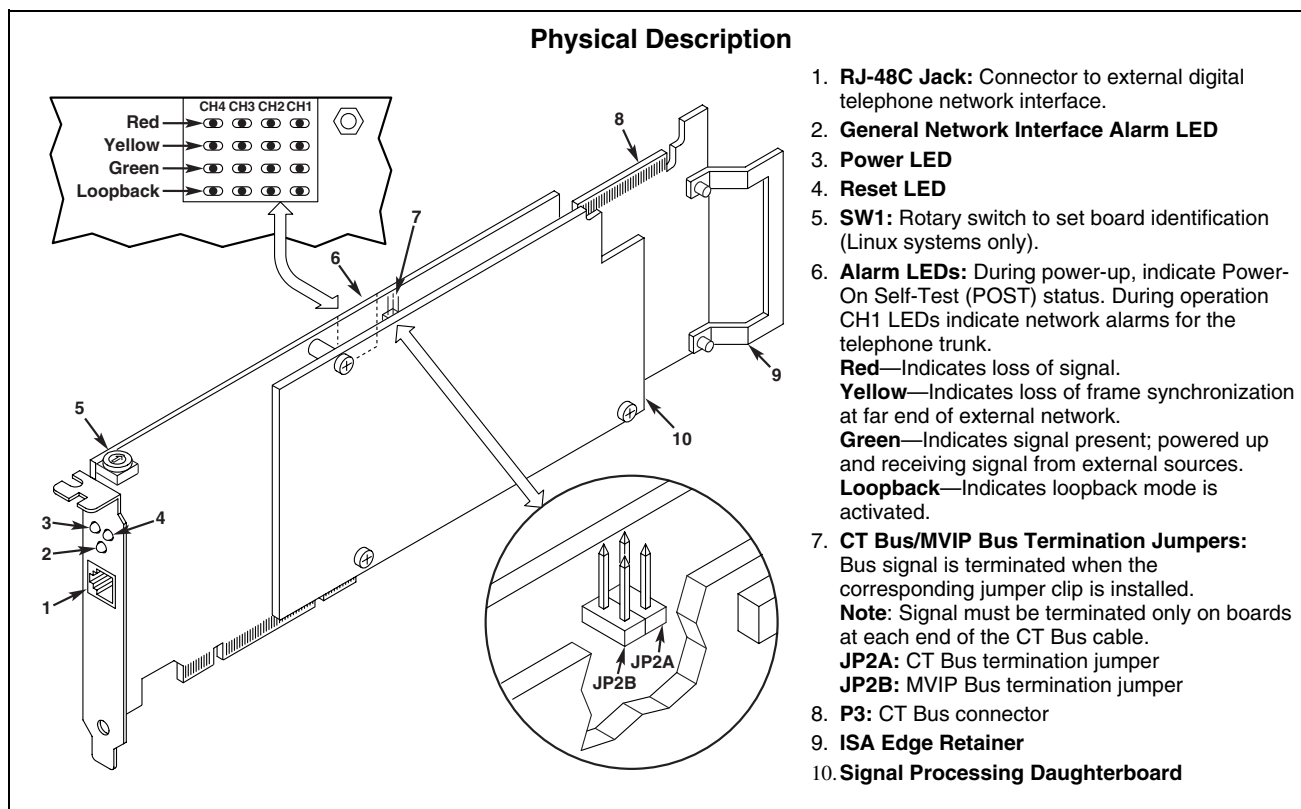
Unpacking the Board

Unpack the Dialogic® DM/F300-1E1-PCIU Fax Board ("board") according to the following steps:

1. Prepare a static-safeguarded work area.
2. Carefully remove the board from the shipping carton and anti-static packaging. Handle the board by the edges and avoid touching the board's components.
3. Lay the board on the static-dissipative work surface.

Note: Place boards in static-shielding bags when carrying boards from station to station.

CAUTION: Do not remove the board from the anti-static packaging until you are ready to install it. Observe proper anti-static precautions at all times.



Configuring the Hardware

Board Identification

The device driver, part of the system software, assigns board instance numbers in ascending order (beginning with 0) as it detects each board in your system. A board instance number is the identification (ID) number used by the system software to recognize the board.

Note: If you add or remove a board, the system may change the existing board instance numbers.

Windows Systems

Leave SW1 set to the factory default of 0 to let the system automatically assign board instance numbers by PCI bus slot number.

After the hardware and the system software are installed, refer to the Dialogic® Configuration Manager (DCM) utility to retrieve the assigned board instance ID number(s). For more information about board identification, see the DCM online help.

Linux Systems

In a Linux system, you **must** set SW1 to a unique number for each installed board. Use a non-magnetic screwdriver to turn SW1 to one of 16 board ID settings, 0–9 or A–F.

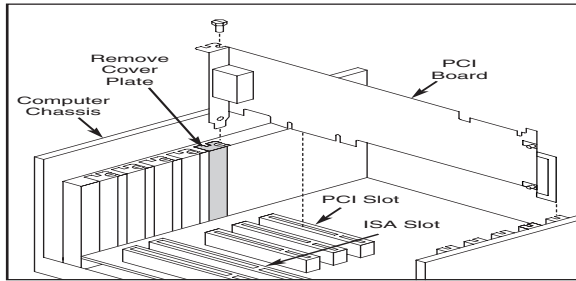
After the hardware and the system software are installed, refer to the proper configuration files to retrieve the assigned board instance ID number(s). For more information about Linux configuration files, see the Dialogic® System Software documentation.

Installing the Hardware

1. With your computer on the static-safe work area, switch off the power and disconnect all power cords from the electrical outlets.
2. Remove the computer cover.
3. Select an empty PCI expansion bus slot and remove the slot's retaining screw and access cover plate (if applicable).
4. If you are not installing your board in an ISA form factor PCI slot, remove the ISA edge retainer from the board.

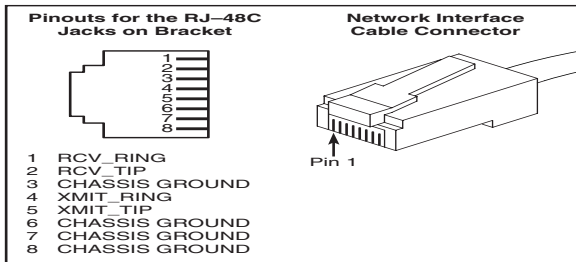
- Using the slot's board guides, insert the edge connector of the board into the bus slot. Press firmly until the board is securely seated in the slot.

Installing a PCI Board



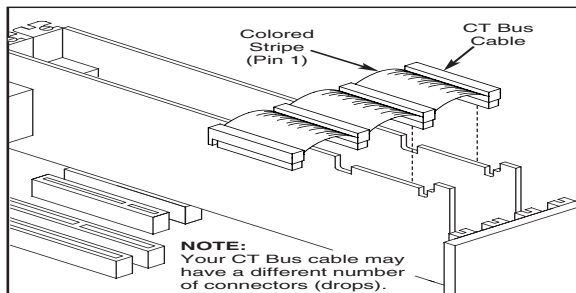
- Replace and tighten the retaining screw to secure the board firmly in the chassis slot (if applicable).
- Connect external digital telephone cable to the RJ-48C jack on the board bracket.

RJ-48C Connectors



- Repeat steps 3-7 for each additional board you are installing.
- Use the CT Bus cable to connect the board(s) you are installing to other boards in the system. To preserve the electrical integrity of the CT Bus, use a CT Bus cable with the appropriate number of connectors ("drops"). It is recommended that no more than two connectors at either end of the cable be left unused.

Installing the CT Bus Cable



Note: Your system may include both CT Bus and SCbus boards. To connect both board types, you must install a CT Bus/SCbus Adapter on one of the CT Bus boards in a system. See the *CT Bus/SCbus Adapter Quick Install Card* for installation details about the Adapter and the bus cables.

- Install CT Bus Termination Jumpers only on boards located at each end of the CT Bus cable. See the "Physical Description" section for jumper details.
- Replace the computer cover when finished and reconnect the power cord.
- Turn the computer's power on.

CAUTION: If your BIOS is set to use Plug and Play technology and there are ISA boards in your system, an IRQ conflict can be created if a PCI Dialogic telecom board is assigned the same IRQ as an ISA board. This could cause the machine to stop responding. You can prevent this by entering the BIOS and reserving the appropriate IRQs (those used by your ISA boards) for ISA use only.

After Installing the Hardware

Note: If you are adding hardware to an existing system, you do not need to uninstall existing Dialogic® System Software.

For a new installation, after installing the hardware proceed with the system software installation as described in the Dialogic System Software documentation.

For technical specifications and product information go to: <http://www.dialogic.com/products.htm>.

Warranty and Return Information

Warranty Period

For specific warranty information for this board, refer to the Warranty section of the Products page, located at this URL: <http://www.dialogic.com/warranties/>.

Contacting Technical Support

Dialogic provides technical support for its products through a network of value added distributors who are trained to answer technical questions on installing and configuring Dialogic® products. If you are unsure how to contact your support channel, please call Dialogic in the United States at 973-967-6600 (9am-5pm EST) and we will assist in obtaining the appropriate support channel.

Outside the United States please refer to <http://www.dialogic.com/support/contact> to obtain

local contact information. Dialogic also provides direct support via Dialogic® Pro™ Services agreements. For more details of direct support from Dialogic please refer to: <http://www.dialogic.com/support/DialogicPro>.

Returning a Product

To return a board for warranty repair or any other returns, please refer to the following: <http://www.dialogic.com/support/hwfaults>.

Sales Assistance

If you have a sales question, please contact your local Sales Representative or the Regional Sales Office for your area. Address, telephone and fax numbers, are available at the Dialogic website located at: <http://www.dialogic.com/contact.htm>.

To purchase Dialogic® products, please refer to the following website to locate the appropriate supplier: <http://www.dialogic.com/purchase.htm>.

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