

MICA* Granite* Card

- V.34bis Compatible Platform For Up to 30 Digital Modems
- Available in 6, 12, 18, 24, and 30 Modem Configurations
- Integrated MVIP Bus Ensures Vendor Interoperability With Third Party TDM Based T1, E1, and ISDN Cards
- Conforms to Worldwide Regulatory Requirements
- MICA API and Sample Drivers For Ease of Integration
- Support For Easy Upgrades Via Host-Resident Software and Downloadable Board Executable Software
- ISA Bus-Based Design For Maximum System Compatibility

Telebits Digital Modem Card (Granite*) is based on Telebit's revolutionary Modem ISDN Channel Aggregation (MICA*) technology. This product offers you the lowest cost, highest density digital modem solution available today.

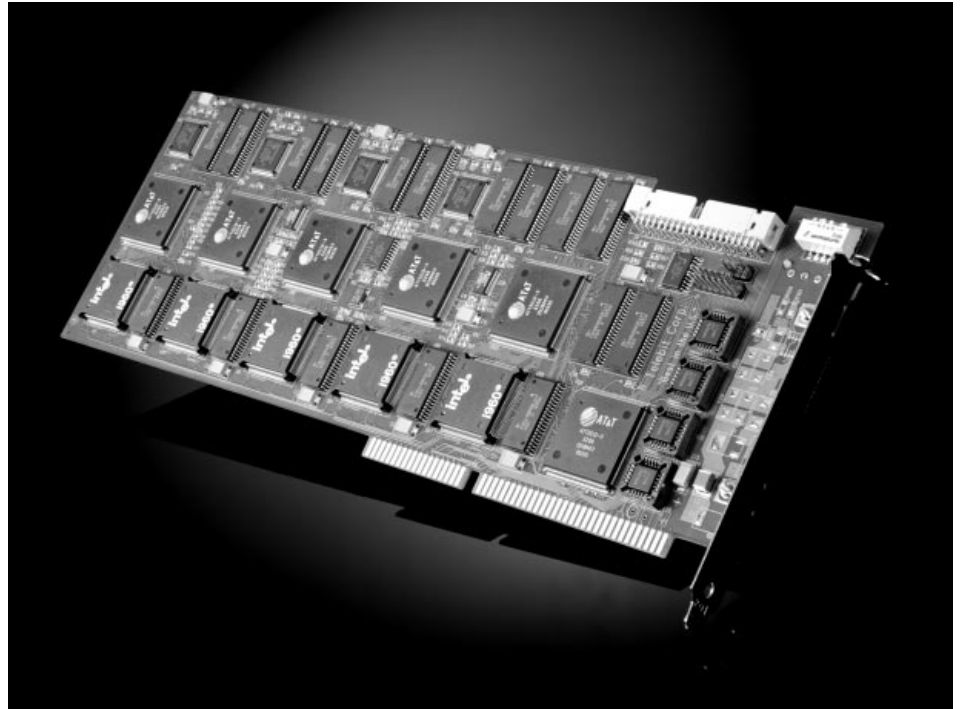
Systems integrators, OEMs and other technical professionals can use Granite Cards to build applications or hardware solutions that incorporate MICA technology to address a wide range of digital communications needs.

A CHOICE OF DENSITIES

Granite Cards are available in five configurations. The base building block is made up of a hex (6) digital modem module. Therefore, Granite Cards may be ordered in configurations of 6, 12, 18, 24, or 30 digital modems. The Granite 30 (designed to complement E1/Primary Rate ISDN) is equipped with 30 digital modems, while the Granite 24 (designed to complement T1/Primary Rate ISDN) offers 24 digital modems.

BUILT ON INDUSTRY STANDARDS

To ensure that Granite technology can be reliably incorporated into equipment from as many vendors as possible, we built Granite Cards around two industry-lead-



ing specifications: Multi Vendor Integration Protocol (MVIP), the leading standard for PC based computer telephony, and Industry Standard Architecture (ISA), by far the most prevalent PC bus.

One major advantage of MVIP is that it is an international standard, used in over 170 board level products around the world. Adhering to this standard reduces homologation and certification problems that you may face in countries where this is required.

ISA has shipped with literally millions of PCs, in which it is the bus used to communicate with the host PC system. Often installed side by side with other buses, ISA will remain a market force for years to come.

PART OF THE MICA FAMILY

Since the Granite Cards are part of MICA digital modem and ISDN technology from Telebit, you will capitalize on future MICA feature and function upgrades that will add value and ease of use to your products.

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EFFORTLESS UPGRADES

Given that Granite is closely integrated with the host platform, upgrades are easily accomplished via a software download. All operational code, including any new changes, is downloaded upon power up.

THE DEVELOPER'S KIT

Provided to all OEM's looking to integrate the Granite Card with their drivers, this kit consists of the following:

- Granite Card
- Driver developer manuals
 - Granite manuals
- Diskette of sample drivers with source code
- Diagnostic information

The MICA Developer's Program provides you with an open line of communication to Telebit's engineers during your development stage.

Now, no matter how large your customer's network may be, Telebit allows you to integrate with your hardware or software application the lowest cost, highest density digital modem solution on the market today.

SPECIFICATIONS

- ISA Card Form Factor (12.5"L x 4"H x 0.75"W)
- All modems operate up to V.34 speeds (28,800 bps)
- A software upgrade will allow V.34*bis* operation (up to 33,600 bps)
- Compatible with the following modem standards: V.34*bis*, V.34, V.32terbo, V.32*bis*, V.32, and V.22*bis*
- Operational code downloads from the host, allowing for easy upgrades
- SNMP manageable, configurable (MIB provided)
- Adherence to the MVIP and ISA standards
- Data Compression- V.42*bis* and MNP2-4
- Error Correction- V.42, autodetection of LAP-M or MNP4
- AUTOMODE insures your modems will work with Granite at the highest mutually supported speeds
- Diagnostics- Extensive self tests and network tests included
- T1 μ -law and E1 A-law for worldwide operation



ORDERING INFORMATION

Part Number:	Description:
DM-30	Granite 30 port digital modem card
DM-24	Granite 24 port digital modem card
DM-18	Granite 18 port digital modem card
DM-12	Granite 12 port digital modem card
DM-06	Granite 06 port digital modem card

Telebit Corporation provides a complete line of network access solutions including a full range of modems and dial-up routers ideal for small- to medium-sized offices as well as central sites and remote-access points of presence.

For more information, contact your local Telebit reseller or call Telebit directly.