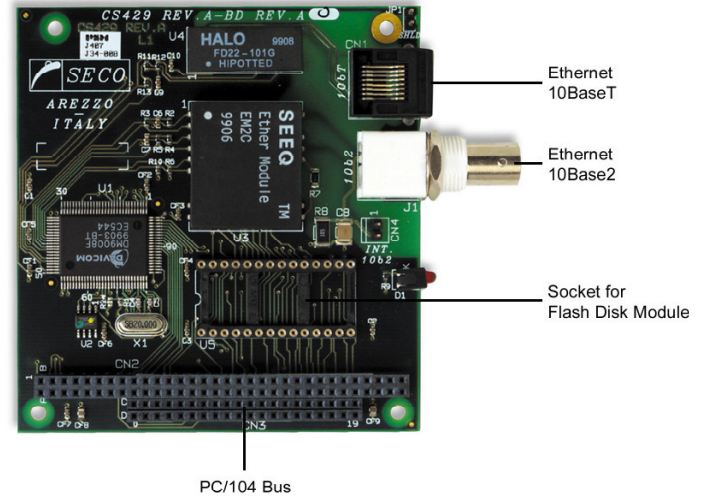


PC/104 ETHERNET MODULE



DESCRIPTION

The M429R module is a PC/104 16-bit high performance Ethernet interface. It integrates an Ethernet NE2000 compatible controller with installed both 10BaseT (twisted pair) and 10Base2 (coaxial) interfaces. From Setup it is possible to select address and interrupt line, moreover it is possible to select the transmission media and to autodetect the connection cable. The 10Base2 interface is available through an additional module installed on board. If only 10BaseT interface is selected, the 10Base2 module is disabled in order to reduce the module power consumption. The M429R comes with drivers for a wide variety of networks and operating systems.



ORDERING INFORMATION

Part Number	Description
M429R-A	Ethernet Controller 10BaseT and 10Base2

ACCESSORIES

Part Number	Description
CV-173/15	Ethernet 10baseT Twisted Pair cable, L=15 cm
CV-173/45	Ethernet 10baseT Twisted Pair cable, L=45 cm
CV-033/15	Ethernet 10base2 coaxial cable, L=15 cm

TECHNICAL SPECIFICATIONS

- **Ethernet Controller** 10BaseT (twisted pair) and optionally 10Base2 (coaxial)
- **Hardware and Software** compatible with Novel NE2000
- **8/16 bit data bus**
- **Remote boot ROM socket** for diskless operation
- **I/O address and Interrupt levels** configurable by the user (M429SET.COM program)
- **Connectors:**
 - 10BaseT 7 poles single row 2.54 connector
 - 10Base2 BNC connector
- **PC/104 expansion:**
 - 16-bit standard 64 + 40 pins connector
- **Standard:** IEEE 802.3 10 Mbps CSMA/CD 10BaseT transceiver
- **Software support:**
 - Novell Personal NetWare
 - Microsoft LAN Manager
 - Artisoft Lantastic
 - FTP TCP/IP
- **Environmental**
 - Power supply voltage: +5V
 - Power consumption: +5V, 400 mA
 - Operating temperature: 0° to 70° C
 - Storage temperature: -20° to 85° C
 - Relative humidity: 5% to 95%
- **Dimensions** 90 × 96 mm (3.6 × 3.8")
 - vertical 19 mm (0.75") for each additional PC/104