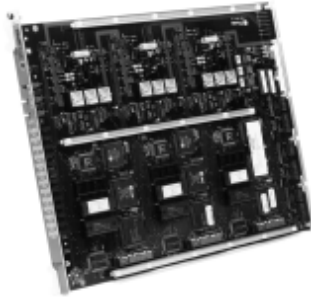


# M

## ODEL MT2834MR6



Also Covers:  
MT2834MR  
MT2834MRI

## MR-Series Modems

### **MT2834MR6**

*Enhanced V.34/V.17 six-modem card for dial-up lines only.*

### **MT2834MR**

*Enhanced V.34/V.17 three-modem card for dial-up, 2-wire, or 4-wire leased lines with dial-backup.*

### **MT2834MRI**

*International MT2834MR (available in many country-specific models).*

## Key Features

### **Modem Features**

- Flash Memory for easy upgrades to new features and enhancements via the controller or a serial device.
- Hot-swappable design allows insertion or removal of a card without “downing” the system.
- SNMP compliance allows modems to be managed from any MIB-II compliant agent via the controller card (MR4800E).
- Speed Detection automatically detects and adjusts modem speed.
- Remote Configuration allows password-protected access to modem parameters and diagnostics.
- Callback security facilitates tracking modem by user and ensures only authorized callers access the serial devices.
- Fallback forces the modem to reduce modem speed (in 2400 bps steps) when line conditions deteriorate, rather than disconnecting. Modem speed automatically increases (in 2400 bps steps) as line conditions improve.
- “AT command” compatible, autodial, redial, repeat dial, pulse or tone dial, dial pauses, call status display, auto-parity and data rate selection, keyboard-controlled modem options, nonvolatile memory for modem settings, diagnostics listing, and help menus.
- Diagnostics: Local Analog Loop, Local Digital Loop, Remote Digital Loop, Automatic Self Test on Power-Up.
- DTMF tone recognition and passthrough and Distinctive-ring ready.

### **Facsimile Features**

- Responds to EIA TR.29 Class 2 commands.
- Auto-detects 1D or 2D (modified read) fax format.
- Receives in “Fax only”, “data only”, or “auto-detect” mode (auto-detect mode requires the sending fax to issue “CNG” tone).

# Key Features

## **MT2834MR6**

- Supports dial-up lines.

## **MT2834MR**

- Supports Caller ID reporting on lines with Caller ID service and patented UUCP spoofing.

Supports dial-up, 2- or 4-wire leased lines with dial-backup.

## **MT2834MRI**

- Supports Caller ID reporting on lines with Caller ID service and patented UUCP spoofing.
- Supports dial-up, 2- or 4-wire leased lines with dial-backup.

# Specifications

## **Shared Specs**

### **Datacomm**

#### Data Rates:

33.6K, 31.2K, 28.8K, 26.4K, 24K, 21.6K, 19.2K, 16.8K, 14.4K, 12K, 9.6K, 4.8K, 2.4K, 1.2K, and 0-300 bps

#### LEDS:

Send, Receive, Carrier Detect, Data Rates, Off Hook, Terminal Ready, Error Correction, Fax, Test, and Out of Service

#### Error Correction Standards:

V.42 LAP-M and MNP Classes 3&4 error correction

#### Data Compression Standards:

MNP 5 (2:1) and V.42bis (4:1)

### **Fax**

Fax Rates: 14.4K, 9600, and 4800 bps

#### Transmission & Control Standards:

V.17 & Group 3; in 1D or 2D formats

### **Electrical/Physical**

#### Dimensions:

0.9" W x 11" H x 15" L or (2.2 cm x 27.9 cm x 37.2 cm)

Weight: 2.5 lbs (1.1 kg)

#### Temperature:

32° to 120°F (0° to 50°C)

#### Humidity:

20-90% (non-condensing)

Frequency Stability:  $\pm 0.01\%$

#### Receiver Sensitivity:

-43 dBm (worst-case)

### **General**

#### Flow Control:

Xon/Xoff, RTS/CTS, or ENQ/ACK

#### Data Format:

Serial, binary, sync or async

#### Command Buffer:

60 command characters

## **MT2834MR6**

### **Datacomm**

#### Transmission & Control Standards:

Enhanced V.34, V.34, V.32bis, V.32, V.22bis, & V.22. Bell® 212A & 103 for 0-300 & 1200 bps

### **Electrical/Physical**

#### Cables:

3 "Y" cables for A&B, C&D, E&F serial port connections

Transmission Levels: -10 dBm

## **MT2834MR**

### **Datacomm**

#### Transmission & Control Standards:

Enhanced V.34, V.34, V.32bis, V.32, V.22bis, & V.22. Bell® 212A & 103 for 0-300 & 1200 bps

### **Electrical/Physical**

Transmission Levels: -0 dBm

## **MT2834MRI**

### **Datacomm**

#### Transmission & Control Standards:

V.21 & V.23 (MT2834MRI only) for 0-300 & 1200 bps

### **Electrical/Physical**

Transmission Levels: -9 dBm

Warranty: Two years

Manufactured in Mounds View, MN, U.S.A.

**Trademarks:** Multi-Tech, and the Multi-Tech logo: Multi-Tech Systems, Inc. / Bell: American Telephone and Telegraph. / MNP: Microcom Corporation.

**Patent:** Modem Spoofing Initiation Protocol U.S. patent # 5,309,562.

## **Headquarters**

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