The CMX869B is a multi-standard modem for use in EPOS terminals and telephone based information and telemetry systems. The device provides the functions for a ITU V.32 bis automode modem or a V.22 bis, V.22, V.21 and Bell 202, Bell 103 compatible modem operating under external host control for EPOS and other proprietary protocols.

### Features

- V.32 bis/V.32/V.22 bis/V.22 Automodem (14400, 12000, 9600, 7200, 4800, 2400, 1200 bps Duplex)
- V.2 bis/V.22 Manual Modem (2400, 1200 bps)
- V.23 (1200/75, 1200/120, 75, 1200 bps FSK)
- Bell 202 (1200/150), 1200/1200, 150, 1200 bps FSK)
- V.21 or Bell 103 (300/300 bps FSK)
- High Performance DTMF Modem
- Single/Dual Tones Transmit and Receive
- ‘Powersave’ Standby Mode
- Asynchronous, Synchronous and HDLC Modes

### Applications

- EPOS Terminals
- Telephone Telemetry Systems
- Remote Utility Meter Reading
- Security Systems
- Industrial Control Systems
- Electronic Cash Terminals
- Pay-Phones
- Cable TV Set-top Boxes

### Supply Requirement

- 3.0 to 3.6 V
CML Microcircuits Benefits

**Faster time to market**
Developing proven high performance and field tested ASSP ICs, CML is helping engineers to cope with increasing pressure in delivering shorter project design cycles.

**Design flexibility**
CML’s FirmASIC® reconfigurable technology with the use of a Function Image upload enables a single hardware platform to be used for multiple communications systems.

**High Quality**
With 100% of products being tested before shipping, customers are assured of the highest reliability.

**Product Longevity**
Designing with CML products, manufacturers are rewarded with longer product life cycles and a stable BOM, ensuring minimum engineering costs and maximum profit.

**Low Power**
Being at the forefront of low power chip technology, manufacturers can develop smaller equipment with extended battery life.

**Superior Support**
Internal and field based applications teams worldwide provide focused customer support to ease the development process.