

## DE8691

### Demonstration Kit for CMX869B

The DE8691 Demonstration Board features the CMX869B V.32 bis modem IC in a "socket modem format" implementation. The "socket modem" section also contains the line interface components and a Flash PIC  $\mu$ C.

#### Features

- Fully Isolated 2-Wire Line Interface
- Opto Isolated Ring Detect Circuitry and OptoMOS Hook Relay
- 'AT' Command Compatible Firmware
- On-board FLASH PIC Microcontroller
- PC Controlled via Terminal Emulator
- DAA included
- Single 3.3V dc power supply operation
- Break-off PCB section
- PCB layout data available

#### Supply Requirement

- 3.3Vdc regulated power supply

#### Applications

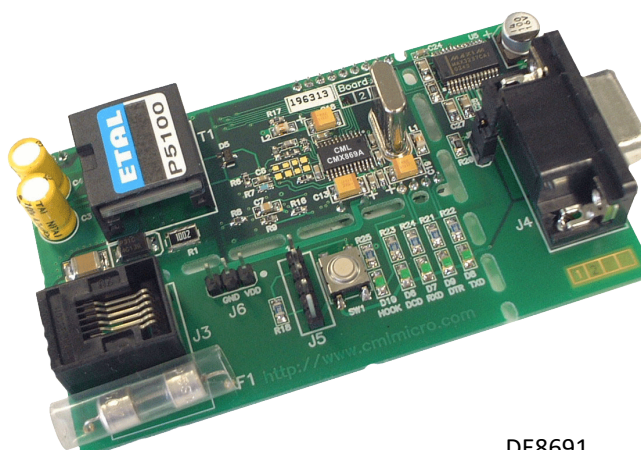
- CMX869B-based Socket Modem Demonstration

*For further information, please refer to the 'Design Resources' section on the CMX869B product page at [cmlmicro.com](http://www.cmlmicro.com)*

Attached to the "socket modem" section are two break-off sections, which contain a 9-pin D type socket for PC serial communications, a Flash PIC programming connector, an RJ11 line connector and various LEDs for indicating signal activity.

AT Commands are used to control the demonstration board via a standard terminal emulator program running on a host PC.

Interfacing to the Demonstration Board can be via socket pins on the socket modem section, or via the connectors provided on the break-off sections. The board is operated at 3.3V dc, which must be provided by an external, regulated power supply.



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