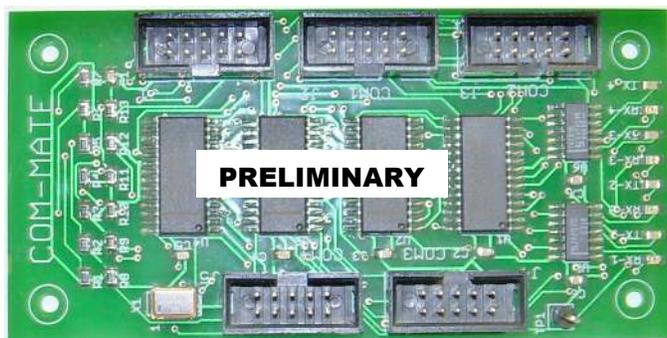


# COM4-MATE

## 4-PORT RS-232 MODULE



- 4 serial com ports, RS232
- 115.2K max baud rate
- Programmable handshaking, protocols and interrupts
- LED's indicate Tx and Rx activity
- USB Interface or Embedded Control
- Compact size & Low cost

MARCOM-01-2009-06-12-OI

Specifications are subject to change without notice

## DESCRIPTION

There was a time when the RS-232 COM port was the dominate interface in PCs, but that has given way to the ubiquitous 'USB' interface. However (the traditional COM port is far from dead), there still exists numerous applications where control of multiple RS-232 devices are necessary. The COM4-MATE provides 4 independent RS-232 asynchronous communication ports.

Many test solutions can be quickly built by connecting the COM4-MATE to a PC laptop or desktop, and then running our GUI software. No external power source is required, since power is supplied through the USB interface. Easy access to the hardware is made available through a convenient collection of box-headers.

There are two options for controlling the COM4-MATE (with a Host PC or embedded microcontroller). In the case of the PC, the COM4-MATE is connected by a USB interface and responds to a simple set of ASCII commands. Programming is easy using Visual BASIC, LINUX, C/C++, LabView, LabWindows or any language that allows access to through a serial port. For embedded operation, the COM4-MATE uses a standard OI interface to allow external control by most popular micro-controllers (i.e., ARM, PIC, AVR or STAMP).

Try combining the COM4-MATE with other OI instruments (such as the Mini-MATE 'embedded test controller', DVM-MATE 'digital volt meter', Relay-MATE 'signal switcher' and others). Use our ETS Series products to build unlimited test solutions quickly, reliably and affordably.

## SPECIFICATIONS

RS-232	
Number of ports	4
Max Baud Rate	230Kbps
Communications	5,6,7 or 8 data bits; Even, odd or no parity
FIFO	8 bytes
ESD Protection	±15KV
Input Control	
Embedded	SPI-bus & control logic
USB Interface	Optional USB module
General	
Power Supply	+5VDC±10%@30mA
Operating Temp	0-50°C
Dimensions	2.5 x 4.0"

## ORDER INFORMATION

Part No.	Description
ETS-1100-00	COM4-MATE, 4-Port RS-232 Module
ETS-1110-00	COM4-MATE with USB-MATE, USB Interface Module