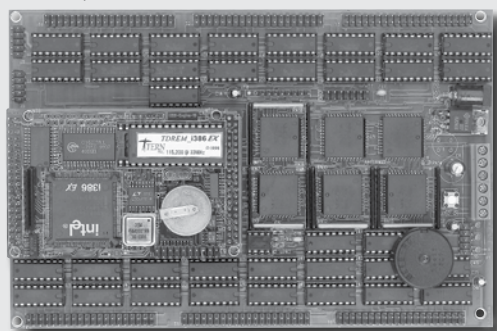# P300™ [I/O Board]

300+ I/Os, 240 solenoid drivers

Features:
- 7.5x5.0x0.75"
- 264 I/Os with buffered 240 high voltage drivers (ULN2003)
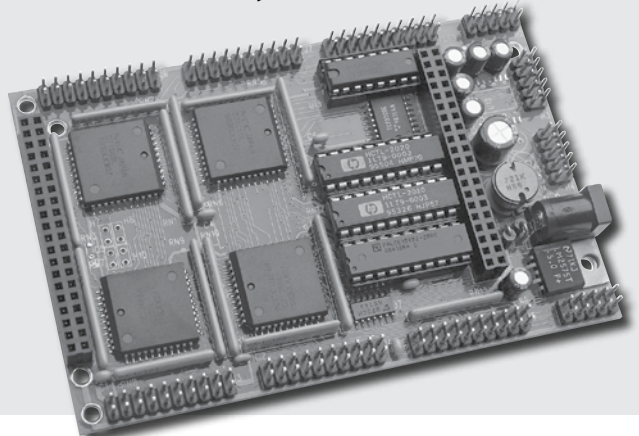
The **P300** has 240 high-voltage I/Os, which are hardware-configurable to inputs (30V) or outputs (350 mA, 50V).

Ordering Information
P300	$199/$169/$149	Qty 1/50/100+

1) Switching regulator $20
3) Driver for 3rd UART RS485 ....$10

P100™

2 Quad. Decoders, 7 solenoid drivers

Features:
- 4.4x2.9x0.5"
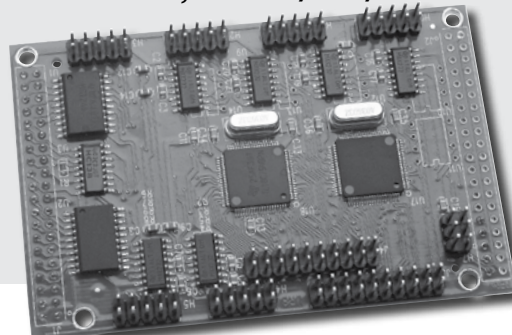- 24x4 TTL I/O lines from 4 PPIs, 7 solenoid drivers

The **P100™** or **300™** must be driven by an Engine™ controller. Two RS-232, one RS-485 driver, and a 5V linear regulator are on-board.

Ordering Information
P100	$99/$79/$59	Qty 1/50/100+

1) Switching regulator $20
2) Quadrature decoder (HP2020) *up to 2*..........................$30 each
3) Driver for 3rd UART RS232/485 ....$10

UR8™

UR8™ 8 UARTs, RS232/485/422

Features:
- 3.6" x 2.3 x 0.3", Two QUARTs
- 64 bytes hardware FIFO buffers , Flow control.

The **UR8**™ is an expansion card designed for adding 8 serial ports to TERN controllers. 4 UARTs have RS232 drivers, and the other 4 UARTs can be configured as RS232 or RS485or RS422. All handshaking signals can be used as general I/O.
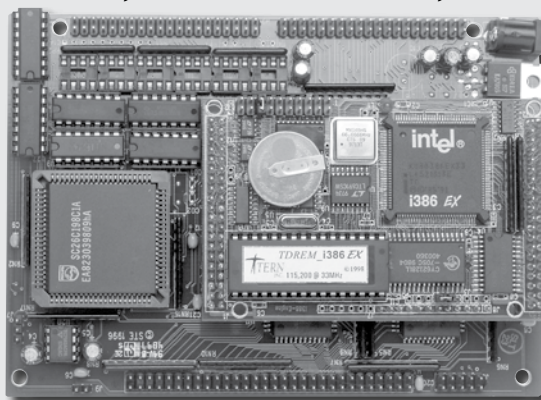
Ordering Information
UR8	$99/$69/$49	Qty 1/100/1K

Includes two QUARTs. 4 channels RS232 without handshaking and 4 ch. RS232 with handshaking.

Options: Modification to RS485 or 422 or TTL $10 per ch.

LittleDrive™ (LD)

10 RS232s, 22 solenoid drivers, 80 I/Os

Features:
- 5.7x4.1", 80 I/O lines including 24x2 PPI I/O lines
- 10 RS-232 drivers; 6 of them configurable to RS-485
- Octal UART, 14 solenoid sinking drivers

Ordering Information
LD	$299	Qty 1

TERNINC.

1724 Picasso Avenue, Davis, CA 95618 USA
Tel: 530-758-0180 • Fax: 530-758-0181

sales@tern.com   http://www.tern.com