



**MODPACK
ANALOG &
DIGITAL
I/O**

PB-SIO4

Quad Asynchronous RS232 MODPACK



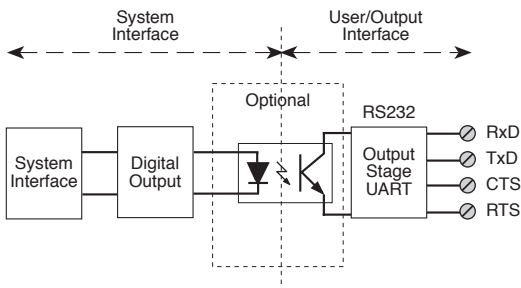
Characteristics

Function:	4 (optoisolated) RS232 ports with RxD, TxD, RTS & CTS signals
Controller:	2 x MC68681
Counter/Timer:	Two 16-bit (one per DUART)
Transfer Rates*:	Asynchronous up to 38.4 kBaud
Data Format:	Programmable
Data Bits:	5 .. 8
Parity:	odd, even, none or forced
Stop Bits:	1, 1.5 or 2
Programmable	
Channel Modes:	Normal (full-duplex) Automatic echo Local loopback Remote loopback

Common

Isolation:	500V DC between I/O and system
Power Req.:	+5V DC ($\pm 5\%$), 400mA typ.
Temp. Ranges:	0°C to +70°C -40°C to +85°C (opt. E2) -55°C to +85°C (storage)
Humidity:	0% to 95% non-condensing

*Transfer rate is given as the theoretical hardware capability. The maximum effective throughput under operating system control may depend on the total system load and host CPU performance.



A 4 channel (optoisolated) asynchronous full-duplex RS232 piggyback for use with PEP's range of dedicated carrier boards.

Optional optoisolation separates the RS232 signals from the system and requires an external isolated 5V DC supply through the front-panel connector of the carrier board.

Product	Description	Order No.
PB-SIO4	Quad asynchronous serial interface piggyback for use with the dedicated range of PEP carrier boards	2944
PB-SIO4	Optoisolated quad asynchronous serial interface piggyback for use with the dedicated range of PEP carrier boards	2945

