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4 or 8 serial lines on a PC/104-Plus Module

RS232, RS422/485 selection done by Software

The Octal Serial Communication Interface (OSCI) board family provides on a single PC/104-Plus module up to eight serial ports. The interface mode on all ports are freely selectable either for RS232 or RS485/422. The configuration the ports are done by software and can be changed at any time. All interfaces work with standard baud rates up to 250kBaud. Optional the RS485/422 interfaces are available with up to 6.25Mbaud and up to 60V fail safe. Further more a galvanic isolation (500Vrms) on up to two RS485/422 ports is possible. All serial interfaces are accessible on 2.54mm headers and allow an easy connection to standard serial connectors.



OSCI specialties are

- § Up to 8 serial lines on PC/104 form factor
- § RS232 or RS485/422 selection done any time by software
- § Systems connection over PC/104-Plus (PCI), no IRQ issues
- § Galvanic isolation on up to two ports available
- § RS422/485 up to 6.25Mbaud and 60V fail safe
- § Extended temperature (-40°C to +85°C)
- § Drivers are freely available

The OSCI product family is the perfect solution in systems where additional RS232 and/or RS485/422 ports are needed. The boards can be used in any embedded system independent whether it is being used in a rugged, hot or other difficult environment. Cabling is easy and can be provided according your needs.

All these features and the special design make the OSCI product family to the ideal solution for industrial applications where reliable serial lines are needed. The modules can be used in any PC/104-Plus stack or with the well known MPL CPU modules (MIP) or the Packaged Industrial PC's (PIP) from MPL.

All MPL products are produced and designed in Switzerland. MPL has over 20 years experience and is fully self financed. MPL is a reliable partner to work with today as well as tomorrow. Further information about the OSCI, other products or MPL are available via Fax, email (info@mpl.ch) or on our Home Page (www.mpl.ch).