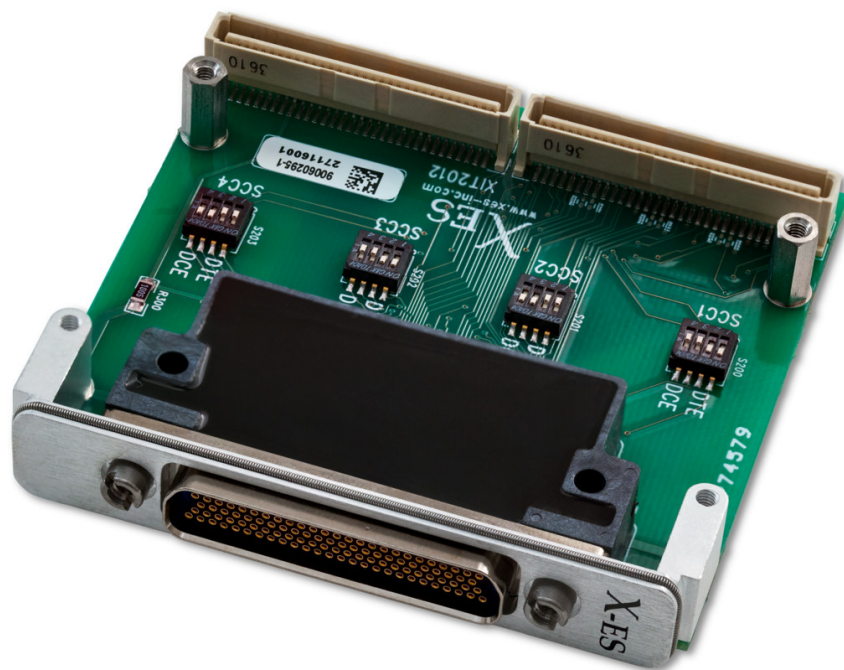


XIt2012

PMC I/O Module (PIM) for the XPort1003 PMC Module

- ▶ PIM module
- ▶ Two PMC connectors
- ▶ One 100-pin connector
- ▶ DTE/DCE configurable via DIP switches



XIt2012

The XIt2012 is a PMC I/O Module (PIM) that supports P14 I/O for the XPort1003 PMC module. It is intended to be mated with a PIM carrying RTM to route P14 I/O from the XPort1003.

The XIt2012 routes four seven-wire serial interfaces, consisting of TXD, RXD, TXC, RXC, RTS, CTS, and DCD, from the XPort1003 P14 connector to the XIt2012's front panel.

X-ES

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XPort1003 Support

- One 100-pin connector
- Four serial ports
- Seven-wire interface
- Serial cabling available

Physical Characteristics

- PMC I/O Module (PIM)
- Dimensions: 74 mm x 69 mm

Environmental Requirements

Contact factory for appropriate board configuration based on environmental requirements.

- Supported ruggedization levels (see chart below): 1
- Conformal coating available as an ordering option

| Ruggedization Level | Level 1 | Level 3 | Level 5 |
|-----------------------|--|---|--|
| Cooling Method | Standard Air-Cooled | Rugged Air-Cooled | Conduction-Cooled |
| Operating Temperature | 0 to +55°C ambient (300 LFM) | -40 to +70°C (600 LFM) | -40 to +85°C (board rail surface) |
| Storage Temperature | -40 to +85°C ambient | -55 to +105°C ambient | -55 to +105°C (maximum) |
| Vibration | 0.002 g ² /Hz (maximum), 5 to 2000 Hz | 0.04 g ² /Hz (maximum), 5 to 2000 Hz | 0.1 g ² /Hz (maximum), 5 to 2000 Hz |
| Shock | 20 g, 11 ms sawtooth | 30 g, 11 ms sawtooth | 40 g, 11 ms sawtooth |
| Humidity | 0% to 95% non-condensing | 0% to 95% non-condensing | 0% to 95% non-condensing |

