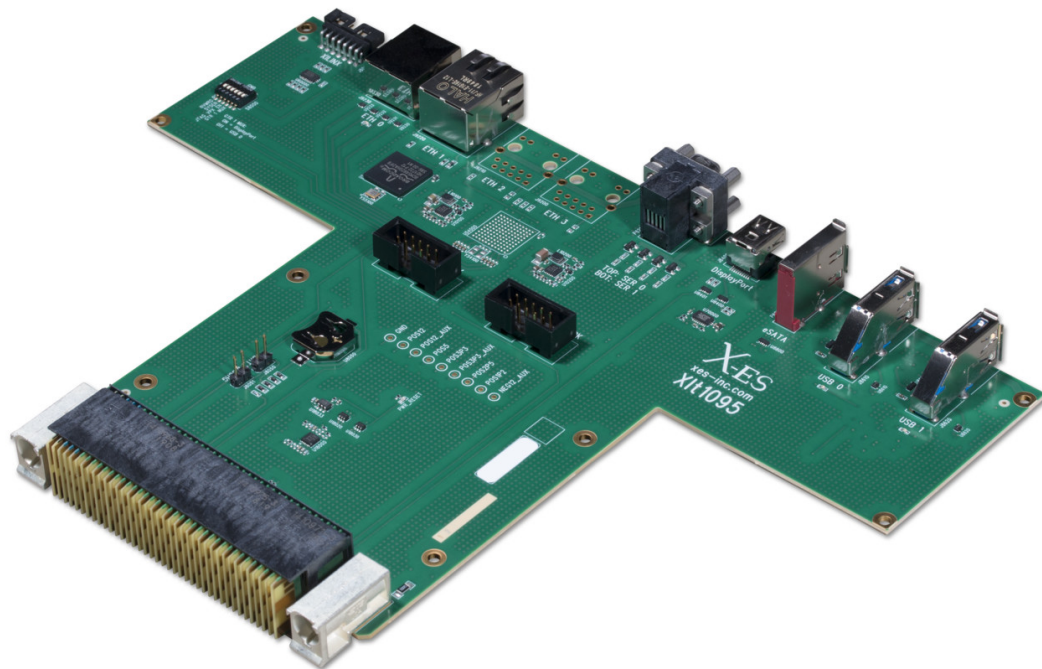


XIt1095

3U VPX Rear Transition Module for XPedite2600 with Ethernet, eSATA, Serial, and USB

- ▶ 3U VPX Rear Transition Module
- ▶ Support for XPedite2600
- ▶ One eSATA connector
- ▶ Two micro-DB-9 connectors for dual RS-232/422/485 serial ports
- ▶ Two USB 3.0 connectors
- ▶ Up to three RJ-45 connectors for 10/100/1000BASE-T ports
- ▶ Headers for access to XPedite2600 I²C interfaces
- ▶ Xilinx JTAG header
- ▶ Fits in VITA 46.10 RTM slots
- ▶ 1.0 in. pitch
- ▶ Battery holder to power VBAT



XIt1095

The XIt1095 provides I/O expansion for the XPedite2600 when hosted in an XChange3001 XMC-to-VPX adapter. Its T-shaped design fits in VITA 46.10 RTM slots and allows for convenient access to more I/O connectors than standard VITA 46.10 RTMs.

The XIt1095 supports up to two RS-232/422/485 ports, one eSATA port, up to three 10/100/1000BASE-T ports, two USB 2.0 or 3.0 ports, and access to Xilinx JTAG and I²C headers.

X-ES

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Back Panel I/O

- Up to three RJ-45 connectors for 10/100/1000BASE-T ports
- Two micro-DB-9 connectors for dual RS-232/422/485 serial ports
- Two USB 3.0 connectors
- One eSATA connector
- Xilinx JTAG header
- Headers for access to XPeptide2600 I²C interfaces

Internal I/O

- Battery holder
- Xilinx Programming Header
- I²C header
- DIP switch
- Internal x8 PE loopback
- Internal RP1 GPIO loopback

Physical Characteristics

- 3U VPX RTM form factor
- Fits in VITA 46.10 RTM slots
- Overall dimensions: 229 mm x 156 mm, including connector overhang. Please contact factory for exact T-shaped dimensions by side.
- 1.0 in. pitch

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
Cooling Method	Standard Air-Cooled
Operating Temperature	0 to +55°C ambient †
Storage Temperature	-40 to +85°C ambient
Vibration	0.002 g ² /Hz (maximum), 5 to 2000 Hz
Shock	20 g, 11 ms sawtooth
Humidity	Up to 95% non-condensing

† Contact factory for airflow rate details.

