Features

- PCI Express bus 2.0 compliant
- Up to 921.6 kbps speed for extremely fast data transmissions
- Supports any baud rate setting
- 2 x RS-232 or RS-232/422/485 ports
- Supports Windows XP/7/8/10, and Linux operating systems
- XR17V352 UART with 256-byte FIFOs

Specifications

General

- Bus Type: PCI Express bus 2.0 compliant
- Bus Interface: PCI Express x1
- Certification: CE, FCC class A
- Connectors: 2 x DB9, male
- Dimensions (L x H): 119.63 x 111 mm (4.71” x 4.4”)
- Power Consumption: 260 mA @ +3.3 V (typ.)

Communications

- Comm. Controller: XR17V352
- Data Bits: 5, 6, 7, 8
- FIFO: 256 bytes
- Parity: None, Odd, Even, Mark and Space
- Speed: 50 bps ~ 921.6 kbps
- Stop Bits: 1, 1.5, 2

Software

- Bundled Software: ICOM tools
- OS Support: Windows XP/7/8/10 and Linux (check the software release note for versions supported)

Environment

- Operating Humidity: 5 ~ 95% RH, non-condensing
- Operating Temperature: -10 ~ 60 °C (14 ~ 140 °F)
- Storage Temperature: -25 ~ 85 °C (-13 ~ 185 °F)

Protection

<table>
<thead>
<tr>
<th>Part Number</th>
<th>ESD Protection</th>
<th>EFT Protection</th>
<th>Surge Protection</th>
<th>Isolation Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCIE-1602B</td>
<td>15KV (air), 8KV (contact)</td>
<td>1000 V</td>
<td>1000 V</td>
<td>3000 V</td>
</tr>
<tr>
<td>PCIE-1602C</td>
<td>15KV (air), 8KV (contact)</td>
<td>1000 V</td>
<td>1000 V</td>
<td>3000 V</td>
</tr>
<tr>
<td>PCIE-1604B</td>
<td>15KV (air), 8KV (contact)</td>
<td>1000 V</td>
<td>1000 V</td>
<td>3000 V</td>
</tr>
<tr>
<td>PCIE-1604C</td>
<td>15KV (air), 8KV (contact)</td>
<td>1000 V</td>
<td>1000 V</td>
<td>3000 V</td>
</tr>
</tbody>
</table>

Ordering Information

- PCIE-1602B-AE: 2-port RS-232/422/485 PCI Express comm. card w/surge
- PCIE-1602C-AE: 2-port RS-232/422/485 PCI Express comm. card w/surge and isolation
- PCIE-1604B-AE: 2-port RS-232 PCI Express comm. card w/surge
- PCIE-1604C-AE: 2-port RS-232 PCI Express comm. card w/surge and isolation
- OPT1-DB9E-AE: DB9 to 10-pin wiring board

Ordering Information

- PCIE-1610B-AE: 4-port RS-232 PCI Express comm. card w/surge
- PCIE-1610C-AE: 4-port RS-232/422/485 PCI Express comm. card w/surge
- PCIE-1612B-AE: 4-port RS-232/422/485 PCI Express comm. card w/surge and isolation
- OPT4A-AE: 1 x DB37 to 4 x DB9 cable, 30 cm
- OPT1-DB9E-AE: DB9 to 10-pin wiring board

Note: This series includes an OPT4A cable.

Accessories

- OPT4A-AE: 1 x DB37 to 4 x DB9 cable, 30 cm
- OPT1-DB9E-AE: DB9 to 10-pin wiring board