

Resistor Simulator PCIe Card

Concurrent Real-Time's Resistor Simulator PCIe card provides 16 individual resistors programmable from 45 ohms to 1 megaohms in 5 ohm steps. Voltage ranges are +/-14V with a maximum current of +/-10mA. Includes OPEN, +VOLTAGE and GROUND fault insertion on all resistor lines.

Features:

- 16-channel Digital Programmable Resistance
- 45 to 1M Ohm Range in 5 Ohm increments
- 10 Ohm Low Scale Selection
- +/-14V @ 10 Milliamp
- Open, Ground and V+ Fault Insertion
- Galvanic Isolation
- Overvoltage Protection
- Analog Devices AD5293 Digital Potentiometers
- Industry Standard SCSI 68-pin Connector for I/O
- PCI Express x1 Revision 1.0a
- NIST Traceable Calibration Standard (Optional)
- Accuracy:
 - 10 ohms: +/-4 ohms
 - 45 ohms to 1K ohms: +/-10%
 - Greater than 1K ohms: +/-5%

Specifications:

PACKAGING

- Full Height, Full Length PCI Express 3.8" high, 12.3" long

POWER REQUIREMENTS

- Less than 25 watts (3.3VDC @ 2Amp, 12VDC @ 1.2 Amp)

ENVIRONMENTAL

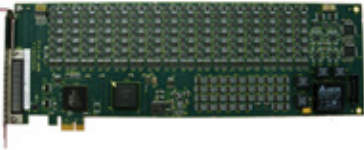
- Operating: 10° to 40° C
- Storage: -40° to 65° C
- Relative Humidity: 10 to 80% non-condensing
- ROHS Compliant

Ordering Information:

- CP-RESSIM-16
16-Resistor Simulator PCIe Card
- WC-RESSIM
Driver for RedHawk Linux
- ICS-SWB-1284
SIMulation Workbench I/O License

CABLING OPTIONS

- CX-CBL-HSI-68-03 - 3-foot cable
- CX-CBL-HSI-68-06 - 6-foot cable
- CX-CBL-HSI-68-10 - 10-foot cable
- CX-CBL-AIO-BRKF (Breakout Module)



More Information:

concurrent-rt.com

wiki.simwb.com

info@concurrent-rt.com

800.666.4544

954.974.1700