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(Aug 12, 2009)
Chips, Boards & Tools

Brainboxes: opto isolated RS422/485 PCI Express products

Brainboxes releases its first Opto Isolated PCI Express RS422/485 products. The RS422/485 boards have 1 MegaBoard data transfer speeds and have 128 byte FIFOs with on board hardware and software flow control. RS422 and RS485 are bus systems and up to 32 standard load or 128 low load devices per port can be connected. RS422 is supported with dedicated pairs for TxD, RxD, RTS and CTS signals. RS485 systems are supported in both Full Duplex mode using 2 pairs of wires and in Half Duplex mode using 1 pair of wires.

The Half Duplex mode uses Brainboxes proven 485 Autogating circuitry for automatically turning the line around from receive to transmit and back again whenever the PC needs to send data to devices, a necessity in today's multi-tasking operating systems like Windows and Linux. They also come with Brainboxes' acclaimed customer support package, including Lifetime Warranty & Support.

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