

GX3509



80 CHANNEL DIFFERENTIAL TTL EXPANSION BOARD FOR GX3500

- 80 channel, differential TTL buffer board for the GX3500 FPGA card
- Each channel can be configured as an input or output
- 100 Mb/s data rate



DESCRIPTION

The GX3509 is an 80 channel, differential TTL expansion board designed specifically for the GX3500 FLeXDI0 FPGA card. Each channel can be configured as an output or input under software control via the GX3500's function calls. The GX3509 can also be ordered pre-assembled with the GX3500 as model number GX3609.

SPECIFICATIONS

GX3509 DIFFERENTIAL TTL EXPANSION BOARD	
Number of Channels	80 I/O signals. Direction is configurable by software on a per pin basis
Logic Family	Differential TTL, RS-422 & RS-485 compatible
Data Rate	100 Mbps (max)
Driver Output Current	±60 mA (sink or source) (max)
Differential Output Voltage	1.5 V (min), 6 V (max) (no load)
Receiver Input Current	+20 µA / -100 µA
Differential Input Voltage	±12 V (max)
Power On State	All channels are configured as inputs

Note: Specifications are subject to change without notice

ORDERING INFORMATION

GX3509	FPGA Flex Daughtercard: 80 Channel Differential TTL
REQUIRED	
GX3500	FPGA PXI Digital I/O Card

DIGITAL I/O



GX3509



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