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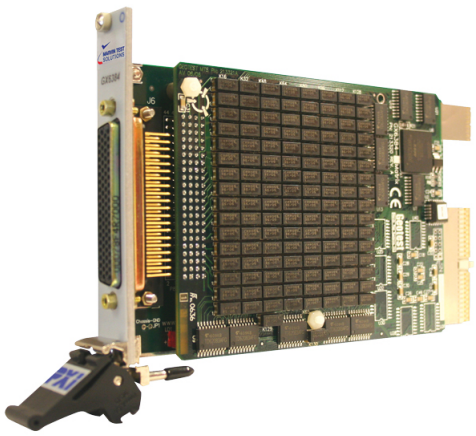
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Find the *Marvin Test Sets / Geotest GX6384-1* at our website: ***Click HERE***

GX6384

CONFIGURABLE HIGH-DENSITY SWITCH MATRIX PXI CARD

- Supports up to 384 switch connections
- Available in three configurations: dual 32 x 2, dual 32 x 4, and dual 32 x 6
- Can be configured in software as a 64 x 2, 64 x 4, or 64 x 6 switch matrix
- User friendly 78 pin sub-D type interface connector



DESCRIPTION

The GX6384 3U PXI multiplexer switch card provides users with the ability to switch and interface tester resources to multiple UUT connections. The card is available in three different configurations, supporting 32 x 2, 32 x 4, and 32 x6 switch configurations.

FEATURES

Each version of the GX6384 can be software configured as a single or dual relay matrix. The –1 version can be configured as a dual 32 x 2 or single 64 x 2 matrix. The –2 version can be configured as a dual 32 x 4 or single 64 x 4 matrix. The -3 version can be configured as a dual 32 x 6 or single 64 x 6.

SOFTWARE

The GX6384 is supplied with the GXSW software package that includes a virtual instrument panel, a Windows 32/64-bit DLL driver library and documentation. The virtual panel can be used to interactively program and control the instrument from a window that displays the instrument's settings and status. In addition, interface files are provided to support programming tools and languages such as ATEasy, LabView, LabView/Real-Time, C/C++, Microsoft Visual Basic®, Delphi, and Pascal. Help file and PDF User's Guide provides documentation that includes instructions for installing, using and programming the board.

A separate software package - GtLinux - provides support for Linux 32/64 operating systems.

APPLICATIONS

- Automatic Test Equipment (ATE)
- Industrial control
- Data Acquisition Systems
- Process Control Systems

SWITCHING

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GX6384

SPECIFICATIONS

RELAY/MATRIX SPECIFICATIONS	
Matrix Configuration	32 x 2 (x2) / 32 x 4 (x2) / 32 x 6 (x2)
Relay Contact Resistance	<.1 Ω
Switched Power	10 W
Contact Life Rating at Low Level	10^9 cycles (5 VDC @ 10 mA)
Switchable Voltage, Maximum	170 VDC or AC (peak)
Switchable Current	500 mA (max)
Contact Carry Current	1 A (max)
Operate Time	100 µS
Release Time	20 µS
POWER	
3.3 V	0.5 A (max)
5 V	0.6 A (typ)
ENVIRONMENTAL	
Operating	0 °C to +55 °C
Storage Temperature	-20 °C to +85 °C
Vibration	5 G at 500 Hz
Shock ½ Sine	5 G for 6 mS
PHYSICAL	
Size	3U PXI
Weight	10.6 oz
Connector	78-pin D Sub-type connector. Includes mating connector.

Note: Specifications are subject to change without notice

ORDERING INFORMATION

GX6384-1	Switch Matrix, Dual 32 x 2 or 64 x2 Configuration (128 cross points), 3U PXI
GX6384-2	Switch Matrix, Dual 32 x 4 or 64 x 4 Configuration (256 cross points), 3U PXI
GX6384-3	Switch Matrix, Dual 32 x 6 or 64 x 6 Configuration (384 cross points), 3U PXI
ACCESSORY	
GT96002	Connector, D-Type 78-Pin Male with Crimp Pins
GT96078	78-Pin Connector to Screw Terminal Interface
GT97102	3' Harness, 78-Pin Male Connector on One End, Loose Wired (Numbered) Other End
GT97103	1' Harness, 78-Pin Male Connector on One End, Loose Wired (Numbered) Other End
GT97104	1' Harness, 78-Pin Male Connector on Both Ends
GX96106	6' Harness, 78 Pin Male Connector on Both Ends
GT96107	3' Harness, 78-Pin Male Connector on Both Ends
GX98302	3U "Wireless" Scout Adapter for GX6138/GX6125/GX6377/GX6384/GX1648 (200-Pin Connector)

MARVIN TEST SOLUTIONS

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