

High Density 3000 Series Switching Solutions - DC to Microwave

3000 Series Switching

Overview:

- **3U Tall 4 Slot Chassis** – Holds up to 4 single wide High Density switching modules.
- **6U Form Factor** – the 6U form factor will accommodate 3-4 times the number of relays as 3U PXI products eliminating the need to build switching structures across boards reducing Bandwidth.

Recommended uses:

ATE Applications – Complements any other ATE instrument technology, LXI, PXI, Rack and Stack.

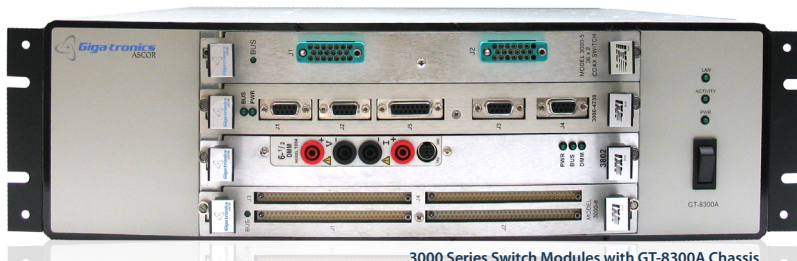
Capabilities:

- Built-in Resource Manager
- Low Noise and High Isolation
- Star Switching
- Ultra-High Density
- Point-to-Point Software GUI
- Ultra-Quiet Power Supply
- Power Supply Indicators
- Visual and Audio Alarms
- Lab Windows Driver w/Source

Giga-tronics provides mix of capabilities and manufactures high performance RF & microwave test instrumentation products for ATE applications



microwave signal generators, microwave power amplifiers, power meters and power sensors



3000 Series Switch Modules with GT-8300A Chassis

Selector Guide :

General Purpose Modules

- 3000-12 - 32 DPDT, 55MHz
- 3000-53 - 96-192 SPDT, 5MHz
- 3000-56 - 64 SPDT Shld, 500MHz
- 3000-60 - 32 DPDT, 180MHz

Matrix Switching Modules

- 3000-05 - (2x36) Coax, 350MHz
- 3000-06 - 2(2x18) Coax, 350MHz
- 3000-25 - 7(2x6) Coax, 500MHz
- 3000-30 - 2(2x12), 2(2x6)Coax, 500MHz
- 3000-34 - 4(2x32) 1-wire, 45 MHz
- 3000-39 - Universal I/O, 700MHz
- 3000-44 - (2x128)2-wire Shld, 70MHz
- 3000-45 - (4x64)2-wire Shld, 70MHz
- 3000-45B - (4x128)2-wire Shld, 70MHz
- 3000-47 - 2(8x16)2-wire Shld, 90MHz
- 3000-52 - 2(8x16)2-wire, 70MHz
- 3000-57 - 2(4x32)2-wire, 45MHz

Multiplexer Switching Modules

- 3000-03 - 4(1x30)1-wire Shld, 35MHz
- 3000-08 - 8(1x30)1-wire Shld, 40MHz
- 3000-09 - 16(1x30)1-wire Shld, 40MHz
- 3000-32 - 4(1x8), 8(1x4), 8(1x2) coax, 900MHz
- 3000-38 - 16(1x8)1-wire, 40MHz
- 3000-46 - 16(1x8)&64DPST 1-wire, 100MHz
- 3000-66 - 16(1x4)2-wire Shld, 350MHz

RF Switching Modules

- 3000-154 - 12(1x4) Coax Multiplexer, 1.3GHz
- 3000-155 - (4x4) Matrix, 1.5GHz
- 3000-155A - 2(4x4) Coax Matrix, 1.5GHz

Microwave Switching Modules

- 3000-2126 - 12 SP6T, 26.5GHz
- 3000-226 - 2SP6T, 26.5GHz
- 3000-23236T - 3 SPDT, 3 SP6T, 26.5GHz
- 3000-236T - 3 SPDT, 2 SP6T, 26.5GHz
- 3000-246T - 4 SP6T, 26.5GHz
- 3000-24662 - 4 SP6T, 6 SPDT, 26.5GHz
- 3000-266 - 6 SP6T, 26.5GHz
- 3000-26662T - 6 SP6T, 6 SPDT, 18GHz
- 3000-286 - 8 SP6T, 26.5GHz
- 3000-64 - 6 SP4T, 8GHz
- 3000-80 - 6 SP6T, 26.5GHz

Digital/Driver Modules

- 3000-04 - 128ch OC Driver
- 3000-48 - 16ch High Pwr Driver
- 3000-61 - 128ch CMOS I/O
- 3000-62 - 128-512ch TTL I/O
- 3000-63 - 128-256ch OC TTL I/O

Power Switching Modules

- 3000-01 - 8(1x8), 5A
- 3000-02 - 96 SPST, 5A
- 3000-42 - 48 SPDT, 5A
- 3000-43 - 48 SPST, 10A
- 3000-51 - 20 SPDT, 20A
- 3000-59 - 32 SPDT, 10A

Programmable Resistance Modules

- 3000-27 - 10-20ch 16bit 20Ω-10MΩ
- Shld-Shield Reed Relays



please visit website <http://www.gigatronics.com/product/c/3000SeriesVXIModules> and click on the Selector Guide for more specification information.

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