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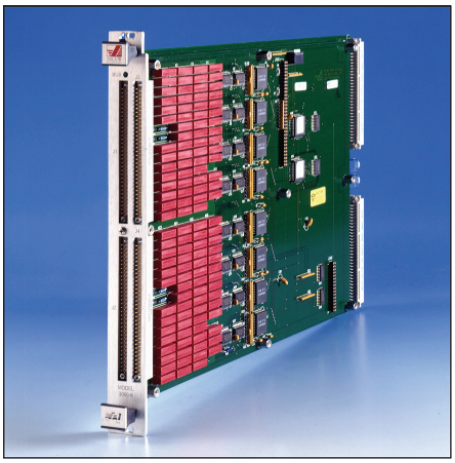
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Find the *Astronics / Giga-tronics / Ascor 3000-8* at our website: ***Click HERE***

MODEL 3000-8

ASCOR Model 3000-8
VXI Switch Tree

ASCOR INCORPORATED
A Giga-tronics Company



ASCOR's Model 3000-8 single-slot, plug-and-play VXI Switching Module is a configurable, high-density, virtually noise-free Switch Tree – ideal for DMM applications, general scanning, or wherever a large number of channels with high signal isolation are required.

Channels are individually controlled for maximum versatility, and all relays are individually shielded and grounded for absolute minimal crosstalk and signal interference.

- ***Configurable***
  - ***60x1 Four Wire***
  - ***120x1 Two Wire***
  - ***240x1 Tree***
- ***Double Density Option (Model 3000-9 Two Slots Required):***
  - ***120x1 Four Wire***
  - ***240x1 Two Wire***
  - ***480x1 Tree***

Versatile Switch Tree Environment – Designed For Silence

ASCOR has designed a comprehensive family of pre-customized, low-noise VXI Switching Modules – each expertly tailored to its specific function, in order to minimize customer integration chores.

The Model 3000-8 provides a versatile, off-the-shelf Switch Tree environment that can be simply plugged-in and easily configured to meet particular, and evolving, switching needs.

The Model 3000-8 is designed for use with Digital Multimeters, or to function as a general purpose scanner – and is the ideal switching element in any measurement application where clean, transparent switching is a must.

Ensures Low Level Signal Performance

The Model 3000-8 is designed for non- interference with even the most exacting measurements. Each relay is individually coaxially shielded and the shields are tied to an isolated ground plane to ensure low level signal performance. By coaxially shielding each relay, ASCOR provides a "sheltered path" for every signal through the relay.

The result of this shielding is minimal crosstalk between channels, even in highest density configurations, and the achievement of maximum bandwidth in all configurations.

Maximum Flexibility

The high-density Model 3000-8 can be software configured, with- out hardwiring, as a 60x1 four wire switch tree or as a 120x1 two wire tree. Each channel is individually controlled to provide maximum versatility – for example, more than one relay in each given tree can be closed at the same time.

The outputs can also be combined to make a single shielded 240x1 tree.

Thus, in a single-slot module,



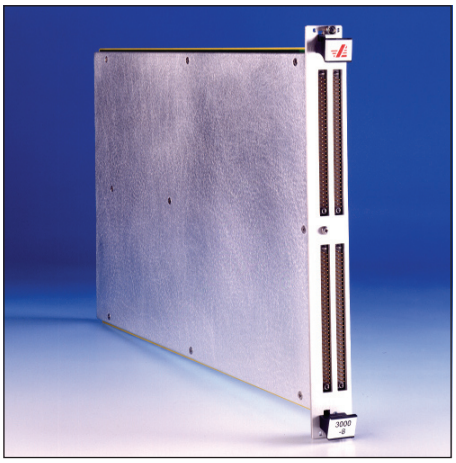
Giga-tronics

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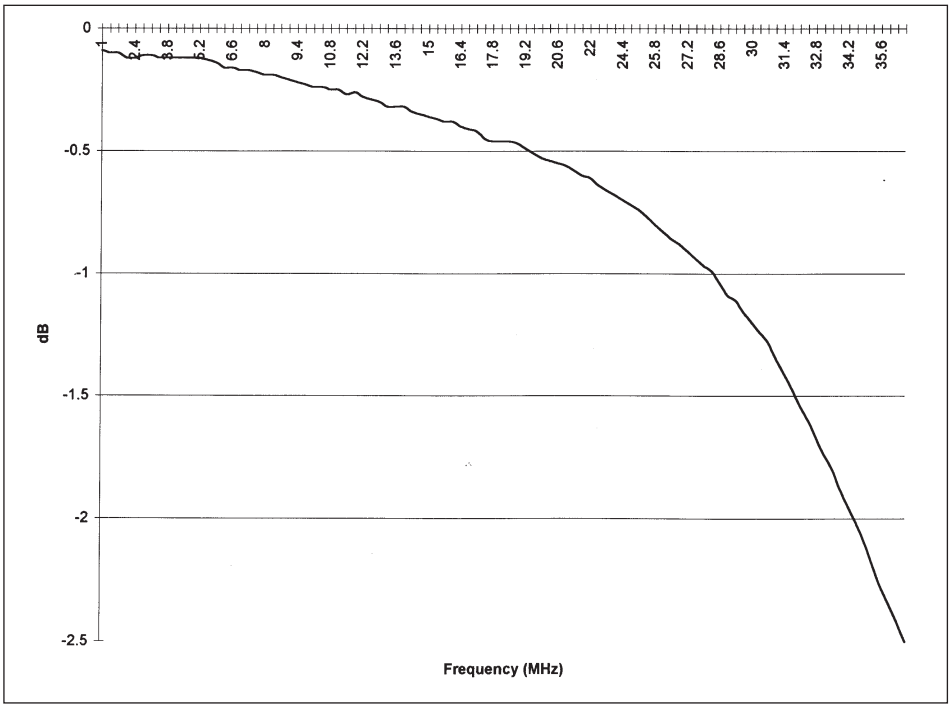
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*ASCOR's Model 3000-8 Switch Tree is a highdensity, single-slot VXI module, configurable to provide a range of **virtually noise-free** (see chart at right) switching solutions.*



Self Testing

Like all ASCOR VXI Modules, the Model 3000-8 incorporates internal self test hardware which provides the ability to test, read back and verify the integrity of the relay control circuitry.

All ASCOR VXI Modules also feature a unique built-in service record, for tracking repairs to the Module by time and date the repair was actually performed.

ASCOR also provides a 3 year limited warranty on all VXI Modules.

Protecting Your Investment With VXIMAX™ 16/32

To address tomorrow's applications, requiring even greater capabilities, ASCOR's 3000-8 supports either 16-bit or 32-bit data bus paths through its VXIMAX 16/32 VXIbus interface.

3000-8 customers can upgrade to 32-bit from 16-bit with VXIMAX's field upgradability.

Specifications

- VXI Power:
  +5 volts @ 3.87 Amps (max.)
- Environmental Specification
  - Temperature
    - Operating: 0° to 55° C
    - Storage: -40° to 75° C
  - Relative Humidity
    - Operating: 10 to 90% non-condensing
    - Storage: 0 to 95% non-condensing
- Mating Connectors for one module:
  - Installation Kit # 89800050-001

DC Parameters

- Closed Path Res: 530 Milliohms
- Current: 1 A Max
- DC Isolation: 10 Meg ohms
- Voltage: 250 VDC Max
- Switching Time: 5 mSec
- Power: 5 Watts Max

AC Parameters

- Bandwidth (50 Ohms): 40 MHz
- Thermal EMF: 60uV
- Crosstalk: -50dB at 10 MHz
- AC Voltage: 250 VAC MAX
- Register-based

CE The CE Mark indicates that the product has completed and passed rigorous testing in the area of RF Emissions, Immunity to Electromagnetic Disturbances and complies with European electrical safety standards.

Ordering Information:

About Giga-tronics:
Giga-tronics Incorporated (Nasdaq "GIGA"), headquartered in San Ramon, California, is a leading engineering-and-design manufacturer of best-in-class RF and microwave synthesizers, power meters and broadband switching matrices. R&D, production and calibration managers, scientist, engineers and technicians, around the world, use Giga-tronics test equipment and achieve these benefits in many applications: ATE systems, aerospace & defense, telecommunications and general component test. Don't just test, Giga-Test your best products and systems by using Giga-tronics equipment.

Giga-tronics

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