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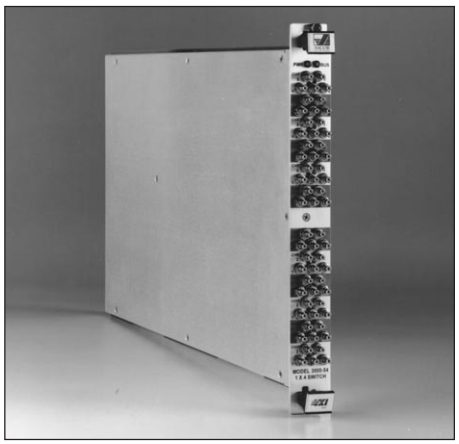
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Find the *Ascor 3000-54* at our website: ***Click HERE***

MODEL 3000-54

ASCOR Model 3000-54 VXI Module
Twelve (12) 1 x 4 Switch Tree



ASCOR's 3000-54 VXI Module is the highest density 50 ohm RF switch in the market. This module is ideally suited for switching stimuli to a Unit Under Test (UUT) and the UUT test points to oscilloscopes, network analyzers and other high frequency instruments. The module has outstanding signal characteristics to 1.3 GHz and beyond. The module can be configured with up to twelve (12) 1 x 4 Switch Trees in one VXI slot.

- ***The unit is a C size single slot VXI Module supporting twelve (12) 1 x 4 trees***
- ***DC to 1.3 GHz RF switch module***
- ***Fully shielded relays***
- ***Characteristic Impedance 50 ohms.***
- ***SMB connectors.***
- ***All relays are individually programmable.***
- ***Optional pre-wired configurations are available to increase density.***

High Performance RF Switch Module

ASCOR has designed a comprehensive family of high density VXI Switching Modules tailored to allow maximum flexibility for the system integrator. ASCOR's proven experience in designing high performance; high density switching solutions is incorporated in this design which is ideal for switching high frequency stimuli and instrument signals to and from the UUT.

High Density and Maximum Configurability

The ASCOR Model 3000-54 module is a highly configurable module for supporting various high frequency ATE test applications. The standard module comes with twelve (12) 1 x 4 switch trees. If this is not enough, ASCOR can factory wire internal RF switches to extend the density. For example, internal RF switches can be coax wired to interconnect larger switch trees. Each relay is independently programmble through the VXI registers. This register method provides ease of programming as well as higher performance.

Protecting Your Investment With VXIMAX™ 16/32

To address tomorrow's applications, requiring even greater capabilities, ASCOR's 3000-54 supports either 16-bit or 32-bit data bus paths through its VXIMAX™ 16/32 VXIbus interface.

Customer's of the ASCOR 3000-54, can upgrade to 32-bit from 16-bit with VXIMAX's field upgradability. 3000-54 customers can upgrade to 32-bit from 16-bit with VXIMAX's field upgradability.

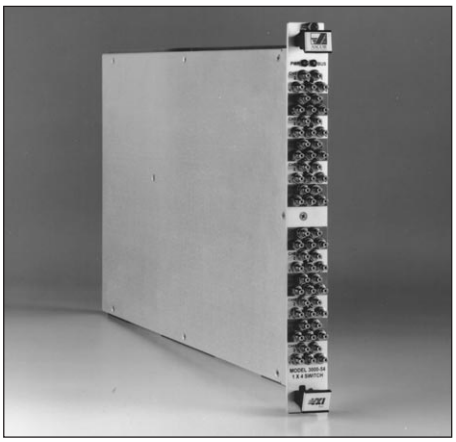


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A Giga-tronics Company

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MODEL 3000-54

ASCOR Model 3000-54 VXI Module
Twelve (12) 1 x 4 Switch Tree



ASCOR's Model 3000-54 provides extremely high density packaging for DC to 1.3 GHz switching.

Self Testing

Like all ASCOR VXI Modules, the Model 3000-54 incorporates internal self test hardware which includes the ability to test, read back and verify the integrity of the program control circuitry, including the relay coils within the Module.

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.

Quiet Ideas. Powerful Solutions.
ASCOR, founded in 1987 and headquartered in California's Silicon Valley, provides a complete line of VXI Switching and Digital Modules for industrial, medical, scientific and governmental automatic test applications. ASCOR VXI products are the quietest, cleanest, highest density VXI modules commercially available.

Specifications

- VXI, single slot "C" size module
- Twelve (12) 1 x 4 DC to 1.3 GHz RF switches
- Programming is register based **VXI*plug&play***
- VXI Power:
  +5 Volts @ 2.25 Amps (max.)
- Electrical:
  - -Maximum switching Voltage (DC, Vrms, resistive) 24 volts
  - -Maximum switching Current (DC, Vrms, resistive) 1 amp
  - -Maximum switching power 24 amps
  - -Carry Current (Vdc, Vrms) 1 amp
  - -Life Expectancy (Signal<1.0V; 0.01A) 1,000,000 cycles
  - -Contact Resistance <0.1 ohms
  - -Phase Matched cables to ±.05"
- Isolation >10^8 ohms
- Insertion Loss
  - <100 Mhz <.25 dB
  - 100-500 Mhz <.7 dB
  - 0.5-1.0 GHz <1 dB
  - 1-1.3 GHz <1.2 dB
- Crosstalk (Adjacent Paths)
  - <100 Mhz <-70 dB
  - 100-500 Mhz <-50 dB
  - 0.5-1.3 GHz <-37 dB
- VSWR
  - <100 Mhz <1.15:1 dB
  - 100-500 Mhz <1.40:1 dB
  - 0.5-1.3 GHz <1.50:1 dB
- 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

Ordering Information:

- **ASCOR 3000-54**
  VXI Module with twelve (12) 1 x 4 Switch Tree

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.

Distributor Information:

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A Giga-tronics Company

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