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Find the *Ascor 3000-34* at our website: *Click HERE*

# MODEL 3000-34

## ASCOR Model 3000-34
## VXI Switch Module

ASCOR INCORPORATED
A Giga-tronics Company



***ASCOR's Model 3000-34 VXI Module is a general purpose switch matrix. This module is ideally suited for ATE applications requiring the switching of stimulus and test instrumentation to the unit under test (UUT). The module can be jumper configured to suit the application. All switches are shielded to a common shield plane for low noise environments. The printed circuit board is a multi- layer 50 ohm strip-line design for high quality signal performance.***

- ***All relays are individually programmable.***
- ***Matrix configuration: one 2X128, two 2X64, or four 2X32 matrices***
- ***All relays are shielded and***

### High Performance - Signal Quality:

The ASCOR Model 3000-34 module is a high density shielded switch matrix designed for ATE testing applications. The unit provides a low noise and high bandwidth switch by using shielded switches and shield plane to reduce noise sources. The printed circuit board is a multi layer 50 ohm strip- line design to further ensure signal quality. This design approach results in a high density switch; while maintaining a high bandwidth. (bandwidth 2X128 10 MHz; 2X64 20 MHz; 2X32 45 MHz minimum)

### High Density and Maximum Configurability:

The ASCOR Model 3000-34 module is a highly configurable module for supporting various ATE test applications. The unit can be configured for one 2X128; two 2X64; or four 2X32 matrices. Each relay is individually register programmable, allowing any or all relays to be closed. This programmability allows the unit to be configured to the application and programmed with maximum efficiency. The module is ideal for multi-channel stimuli and measurement switch matrices.

### Switching Capabilities and Reliability:

The ASCOR Model 3000-34 module is capable of switching a wide variety of signals. The module can switch signal up to 200 volts and 0.5 amps. The contact power rating is 10 watts. The relay life is rated at 500 million operations while switching 1.0 volts at 0.01 amps.



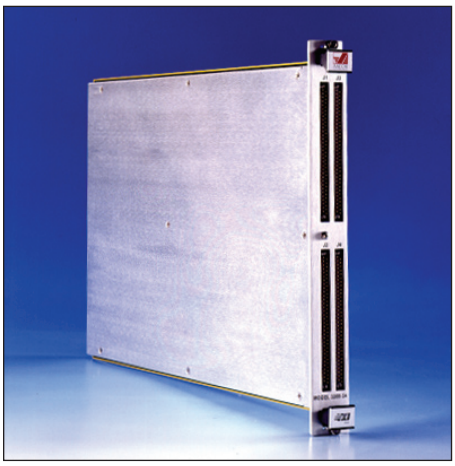
Giga-tronics

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# MODEL 3000-34

## ASCOR Model 3000-34
## VXI Switch Module

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### Specifications

- VXI single slot "C" size module
- Programming is register based with VXI Plug & Play drivers

**Electrical:**

- Switching Voltage (DC, Vpeak, resistive): 200 volts
- Switching Current (DC, Vpeak, resistive): 0.5 Amps
- Carry Current (DC, Vpeak, resistive): 1.0 Amps
- Life Expectancy (Signal<1.0V; 0.01A): 500,000,000 cycles
- Contact Resistance: 0.40 ohms
- VXI Power(typical): 5 volts @ 0.9 amps
- Bandwidth (-3db)
  - 2X128: 10 MHz Minimum
  - 2X64: 20 MHz Minimum
  - 2X128: 45 MHz Minimum

**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

### Protecting Your Investment With VXIMAX™ 16/32

To address tomorrow's applications, requiring even greater capabilities, ASCOR's 3000-34 supports either 16-bit or 32-bit data bus paths through its VXIMAX 16/32 VXIbus interface.

3000-34 customers can upgrade to 32-bit from 16-bit with VXIMAX's field upgradability.

### Self Testing

Like all ASCOR VXI Modules the Model 3000-34 incorporates internal self test hardware which includes the ability to test, read back and verify the integrity of the program 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.

Distributor 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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