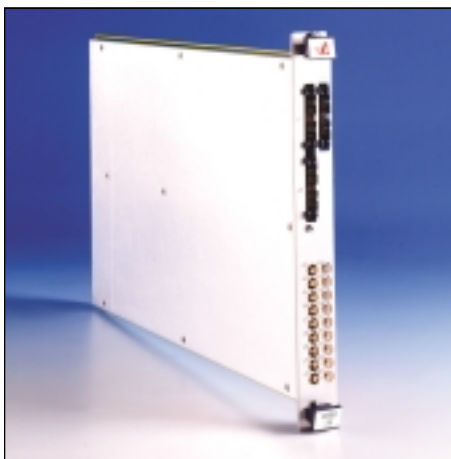


MODEL 3000-35

ASCOR Model 3000-35 General Purpose VXI Switch Module



The Model 3000-35 combines high and low frequency matrices in a highly flexible, general purpose switch module.

Self Testing

Like all ASCOR VXI Modules, the Model 3000-35 includes an internal self test with the ability to test, read back and verify the integrity of the program registers as well as the relay drivers in 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 ASCOR VXI Modules.

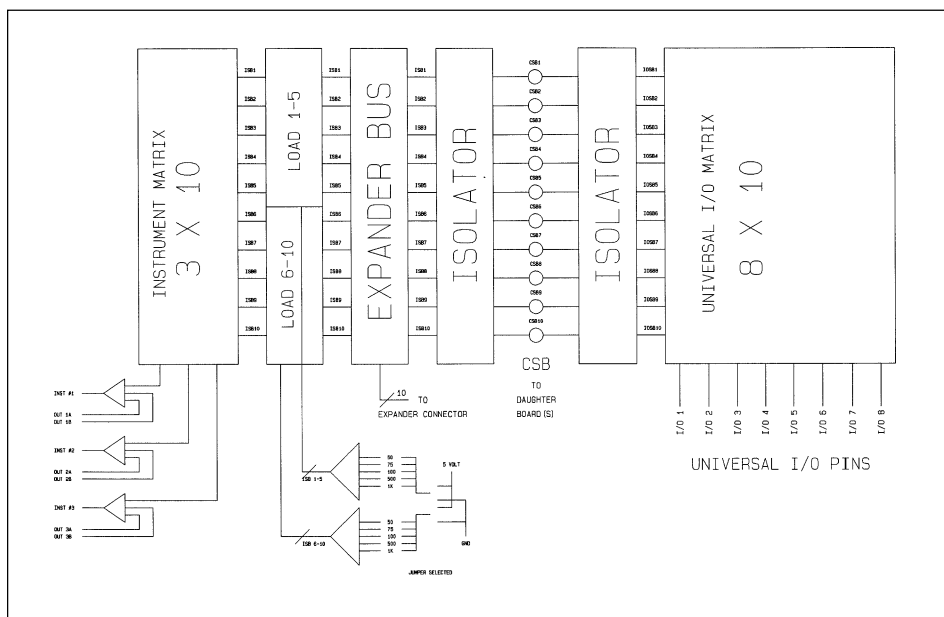
Quiet Ideas. Powerful Solutions.

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.



ASCOR
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The Model 3000-35 features multiple discrete paths that can be fully isolated for running in parallel, or that can be switched in various combinations.

Specifications

- Motherboard / daughter board configuration, each board contains:
 - Three high frequency ports connected to 1 x 3 coaxial switches using SMB connectors.
 - Three instrument I/O ports connected to a 3x10 matrix.
 - Two sets of load resistors, each through a 1x5 switch.
 - Eight Universal I/O pins connected to an 8x10 matrix.
- Voltage: 200 VDC Max
- Current: .5 Amps Max
- Switching Power: 10 Watts
- Char Impedance: 50 Ohm
- Crosstalk: -50db at 100 MHz
- Insertion Loss: -1dB at 50 MHz
- Register-based

Distributor Information:

47790 Westinghouse Drive, Fremont, CA 94539-7485, Telephone: (510)490-8819, Fax: (510)490-8493

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MODEL 3000-35

ASCOR Model 3000-35 General Purpose VXI Switch Module



ASCOR's Model 3000-35 is a single-slot, extremely high density General Purpose VXI Switch Module – combining high (up to 1 GHz) and low (35MHz) frequency matrices for measurement, stimulus, load and synchronization applications, all on one card.

The multiple discrete paths can be fully isolated for running in parallel, or they can be switched in various combinations – providing a high degree of flexibility in designing and implementing test applications.

Optimum Flexibility and High Performance

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

The Model 3000-35 is a highly flexible, general purpose switch module combining high and low frequency matrices. The Model 3000-35 utilizes a mother / daughter board configuration, with each board containing the following elements:

- Three high frequency ports connected to 1x3 coaxial switches using SMB connectors.
- Three instrument I/O ports connected to a 3x10 matrix.
- Two sets of load resistors, each through a 1x5 switch.
- Eight Universal I/O pins connected to an 8x10 matrix.

All of these elements can be simultaneously run in parallel, or in a variety of switched configurations under program control, for optimum flexibility.

High performance is maintained despite the large number of elements since each element can be fully isolated when running in parallel.

Unique Design For High Bandwidth, Low Noise

In addition to providing flexibility, the Model 3000-35's unique high density design ensures maximum bandwidth and minimal noise by using individually shielded relays in a controlled coaxial cable, 50 Ohm environment.

Everything is carefully designed to maintain impedance, so as not to degrade frequency response, while the fully shielded, isolated ground relays minimize crosstalk and protect against noise injection from outside sources.



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