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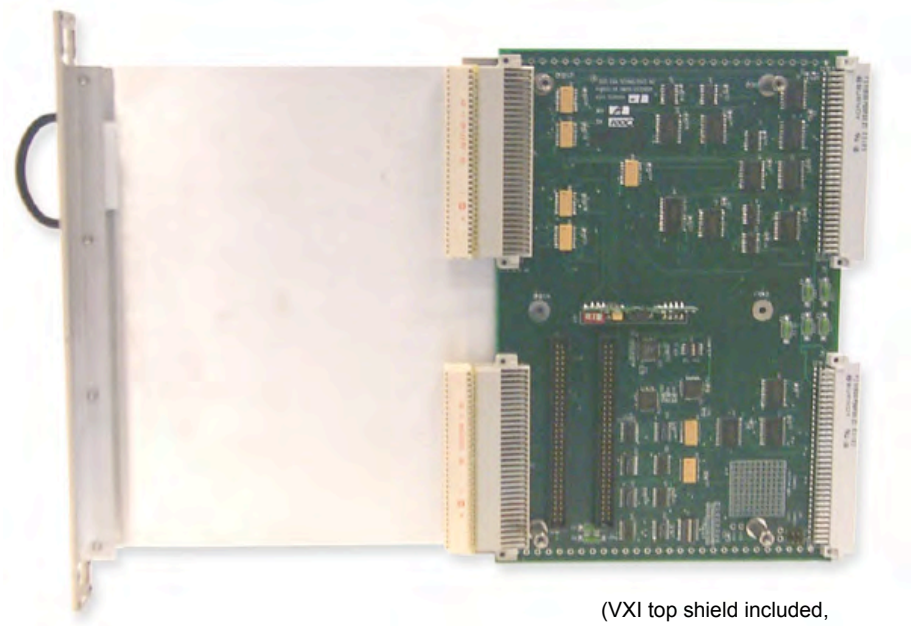
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Find the *Astronics / C&H Technologies VX402C-64* at our website: ***Click HERE***

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(VXI top shield included, but not shown in picture)

VX402C-64 Active Module Carrier

The VX402C-64 allows a 3U or 6U VME, VXI (A or B), or VME64 module to be used in a C-size VXI mainframe chassis. The carrier provides an actively buffered electrical interface for the standard bus signals. The carrier does not support the full VME64 extension bus; however, all versions, except -0002, provide +3.3V power to the P1 Row D VME64 connector. The carrier and its enclosure have been designed so that the front panel of the VME module sits flush with the front panels of other C-size modules.

Specifications:

Electrical:

- Active logic allows compliance with VME/VXIbus driving and loading specifications
- VME64 +3.3V power provided on all versions, except -0002
- Supplemental VME64 +5V power provided on -0005 version
- All VXI power supplies are fused
- Buffered data, address, interrupt, and trigger lines (ECL and TTL)
- Pass-through connectors allow the VME P2 connector to be connected or isolated from the VXI P2 backplane
- Direct access to front panel I/O connections
- Direct SUMBUS connections and a prototyping area

Mechanical:

- Mates with VXI, VME, and VME64 rear connectors
- VXI shielding provided
- Occupies one slot in a VXIbus C-size mainframe
- Slot in front panel allows extension of VME P2 signals to front panel (cable not included)

Temperature:

Operating:	0°C to 50°C
Storage:	-40°C to 70°C

VXI Power Consumption:*

+5V	2W (max)
±12V	0
±24V	0
-2V & -5.2V	minimal

* Does not include power required by installed module or +3.3V power converter.

+3.3V/+5V VME64 Supply:

VME64 power is supplied either straight from the VXI backplane or through power converters that use the +5V, +24V, and/or -24V VXI supplies.

	Power Supplied**	
Option	+5V	+3.3V
-0001	37W combined	
-0002	40W	0
-0003	40W	23W
-0004	40W	23W
-0005	63W	23W

** Power is based on a maximum of 1.2A per VXI power pin.

VXIbus Compliance

Complies with VXIbus Spec. Rev. 1.4 for single-slot C-size modules and with the VMEbus Spec. ANSI/IEEE STD 1014-1987, IEC 821 and IEC 822.

Addressing:	A32/A24/A16
Data Transfers:	D32/D16 Slave
Interrupts:	Supported
Triggers:	Supported

Applications

- Adapting a VME or VME64 module to a VXI C-size chassis
- Adapting A VXI A or B-size module to VXI C-size chassis
- Legacy system upgrades

Ordering Information

Part Number: 11028500-xxxx

-0001	3.3V supplied from VXI +5V
-0002	without 3.3V supply
-0003	3.3V supplied from VXI -24V
-0004	3.3V supplied from VXI +24V
-0005	Extra +5V from VXI +24V & +3.3V from VXI -24V

Additional Information

User Manuals for C&H carriers and this module can be found on our website at www.chtech.com

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