



VX441C 96 Bit Digital Multifunction Module

The VX441C module provides 96 bits of tri-stateable TTL or CMOS I/O designed to provide data transfers at up to 2 Mbytes/second. The module has built in features for drive/sense/mask so it may be utilized for simple static testing. In this mode interrupts may be generated under test failure conditions. User interface is through two (2) 96 pin connectors that accept mass terminated ribbon cables.

Specifications:

I/O Segmentation:

- Control over 6-16 bit segments
- In/Out synch via common triggers.

Trigger Capability:

- Board can provide trigger.
- VXI trigger per segment or board.
- Synch multiple boards.

Interrupts (selectable):

- From any board trigger
- IRQ1-7 or disable
- + or – trigger edge or state change on trigger.

Protection:

- Series resistor on CMOS

Digital Test (static):

- Full drive/sense/mask
- Interrupt on failure
- Once cycle apply/compare with variable wait period

Space for Termination Resistors Provided:

Indicators: MOD ID
BOARD SEL

Connectors: Two 603-2-IEC-C096

Power: +5V @ 3 A typical

Ordering Information

Description	Part Number
VX441C	
TTL Compatible	11026600-0001
CMOS Compatible	11026600-0002

VXIbus Compliance

Complies with ANSI/IEEE Std 1014-1987, and VXIbus Rev 1.4

A16:D16 DTB Slave

Register Based

Programmable Interrupts

BRX tied to BGX

Form Factor: Size C

Built in test via feedback registers

Applications

- Digital I/O
- Static digital test