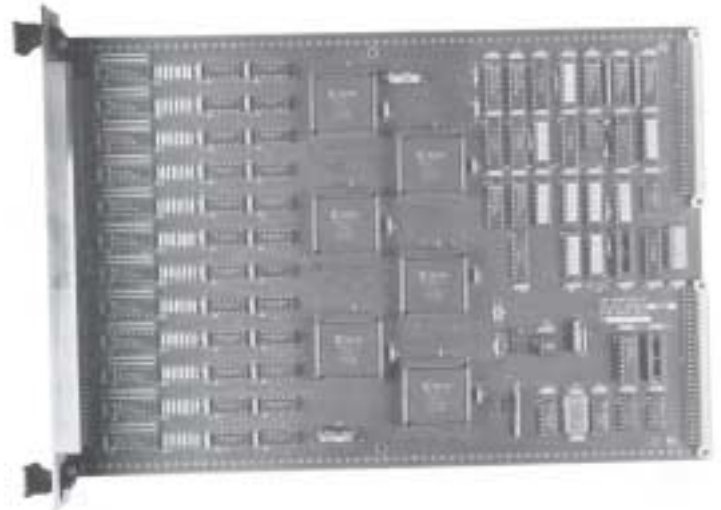


This product is manufactured by C&H Technologies, Inc. and exclusively distributed by Racal Instruments, Inc.

96-Bit Digital Multifunction Module Model VX441C

The VX441C module provides 96 bits of tri-stateable TTL or CMOS I/O designed to provide data transfers at up to 2 MB/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 (2) 603-2-IEC-C096

Power

+5 V @ 3 A typical

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

Ordering Information

TTL Compatible: 11026600-0001
CMOS Compatible: 11026600-0002