Racal Instruments

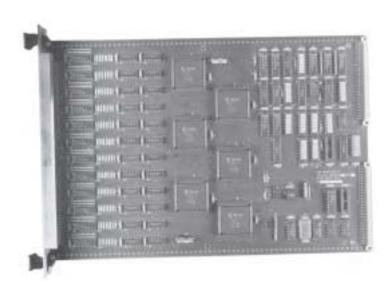
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PRODUCT INFORMATION

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



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

SPECIFICATIONS

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



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