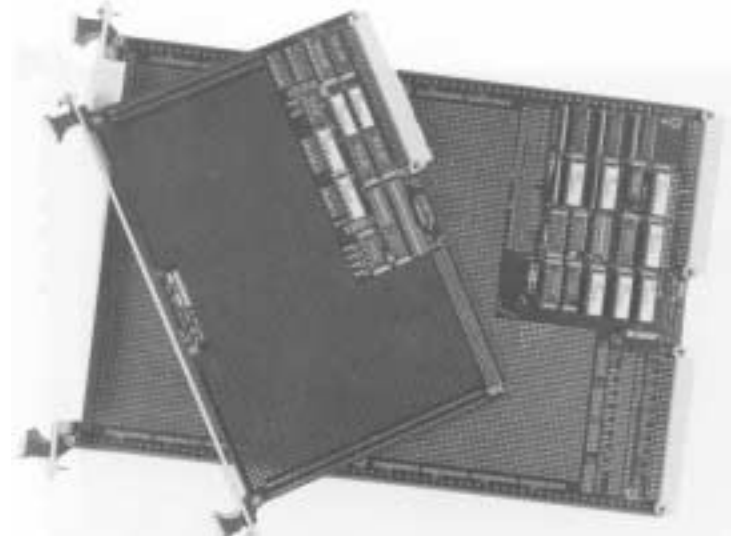# Racal Instruments
http://www.racalinstruments.com

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

Prototyping Modules
Model VX400

The VX400 B- & C-size Prototyping Modules are VXIbus compatible modules with over 22 and 78 square inches of user space respectively. All user space holes are plated through for ease of soldering. The 0.1" x 0.1" grid is suitable for use with wire wrap sockets. VCC and ground strips are provided along the top and bottom edges. The onboard circuitry provides the VXI Interface and supplies the user with buffered data and control signals. The standard configuration is an A16:D16 register based slave device. However, the user may upgrade to A32/A24 address offset and D32 data register by adding components to the user space.

SPECIFICATIONS

User Signals Provided
D00 to D15
    Buffered VXI
    Bi Directional Data
LDTACK
    Local DTACK
WR-XX
    VXI Register Write Gates
RD-XX/
    VXI Register Read Gates
RST/
    Reset
A01 to A03
    Buffered VXI address 01 through 03
BDSEL/
    VXI Module Address
WR/
    Used for bus control
DSO/, DS2
    Buffered VXI Data Strobes

MOD00 – MOD07
    Input module ID number jumper
MODID/
    VXI Buffered MODID
All P2 Connector Signals (unbuffered)
    are available at headers

Marking
All signal names are silkscreened on both the component and solder sides to simplify wiring of development units

Power
+5 V @ 0.5 A typical

Prototyping Area
Over 22 square inches usable layout space for B-Size and 78 square inches for C-size

VXIbus Compliance
Complies with ANSI/IEEE Std. 1014-1981 and VXIbus Rev 1.3
A16:D16 DTB Slave
No Interrupts
IACKIN tied to IACKOUT
BRX tied to BGX
Form Factor: Size B & C

Applications
Prototyping VXIbus designs
Proof of concept testing
Design verification

Ordering Information
Prototyping Module
B-Size: 11026195-0001
C-Size: 11026200-0001
Addition of connectors for "piggy-back" boards (C-size only) OPT01

1.0 – 2/03

The Racal Instruments and C&H Technologies policy is one of continuous development and consequently the equipment may vary in detail from the description and specification in this publication.