## **Racal Instruments**

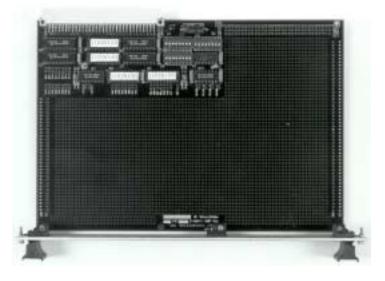
http://www.racalinstruments.com

# PRODUCT

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

## VME Prototyping Module Model VM100

The VME Prototyping Module is a VMEbus compatible module with over 34 square inches of user space. This space provides plated through-holes for two (2) 96-pin connectors at the user edge and for the P2 connector, as well as a 0.1" by 0.1" grid on the rest of the area that is suitable for use with wire wrap sockets. VCC and ground strips are provided along the top and bottom edges. Circuitry included provides the VME interface protocol and supplies the user with buffered data and control signals. Standard configuration is A24/A16:D16 DTB slave, but this may be user upgraded to A32/A24/A16:D32/D16 DTB slave.



#### Signals Available to User

- D00 to D15 Buffered VME Bi Directional Data
- LDTACK
  - Local DTACK
  - true (and false)
- WR0 to WR7
- Write gates READ0-1/,2-3/,4-5/, & 6-7
- Read gates
- RST/
- Reset
- A01 to A03 Buffered VME address 01 through 03
- SEL/

Module Address is decoded from A08 through A23

### SPECIFICATIONS

WR/ Used for bus control DSO/, DS1 Buffered VME Data Strobes VCC, GND Power strips

#### Marking

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

#### Power

FAX: +49 2204 8442 19

+5 V @ 0.5 A typical

#### **Prototyping Area**

Over 34 square inches usable layout space

#### **VMEbus Compliance**

Complies with ANSI/IEEE Std. 1014-1987 A/24/A16:D16 DTB Slave No Interrupts IACKIN tied to IACKOUT BRX tied to BGX Form Factor: Size B

#### Applications

Prototyping VMEbus designs Proof of concept testing Design verification

#### Ordering Information VME Prototyping Module

Part Number: 11026010-0001 Application Notes: 11026161



Racal Instruments Inc., 4 Goodyear St., Irvine, CA 92618-2002. Tel: (800) RACAL-ATE, (800) 722-2528, (949) 859-8999; FAX: (949) 859-7139 Racal Instruments Ltd., 29-31 Cobham Road, Wimborne, Dorset, BH21 7PF, United Kingdom. Tel: +44 (0) 1202 872800; FAX: +44 (0) 1202 870810 Racal Instruments France, 18 Avenue Dutartre, 78150 LeChesnay, France. Tel: +33 (1) 3923 2222; FAX: +33 (1) 3923 2225 Racal Instruments Srl, Strada 2-Palazzo C4, 20090 Milanofiori Assago, Milan, Italy. Tel: +39 (0)2 5750 1796; FAX +39 (0)2 5750 1828 Racal Instruments GmbH, Technologiepark Bergisch Gladbach, Friedrich-Ebert-Strasse, D-51429 Bergisch Gladbach, Germany. Tel: +49 2204 8442 00;



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.