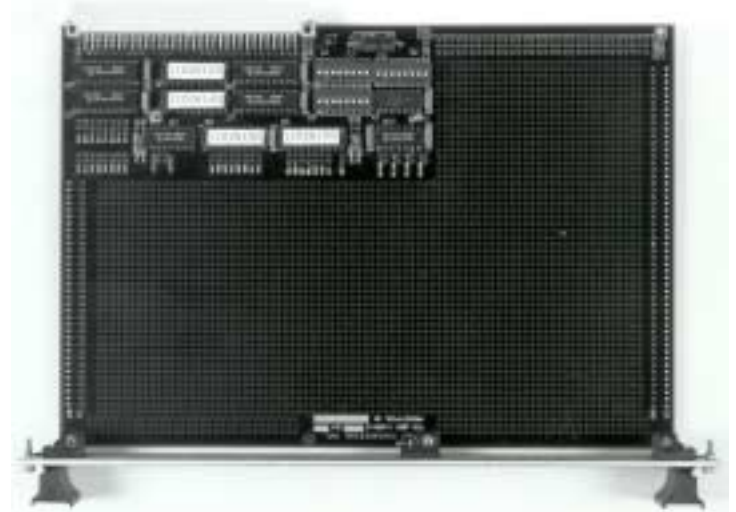


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## VME Prototyping Module Model VM100

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.



### SPECIFICATIONS

#### 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

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

#### 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 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