



VME Prototyping Module

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 96 pin connectors at the user edge and for the P2 connector, as well as a 0.1" x 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:

User Signals Provided:

| | |
|-----------------------------|--|
| D00 to D15 | Buffered VME Bi-Directional Data |
| LDTACK(/) | Local DTACK True (and false) |
| WR0 to WR7 | Write Gates |
| READ 0-1/,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 |
| DS0/, 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: +5V @ 0.5 A typical

Prototyping Area:

Over 34 square inches usable layout space.

Ordering Information

| | |
|--------------------|------------------------|
| Part Number | 11026010-0001 |
| Description: | VME Prototyping Module |
| Application Notes: | 11026161-0001 |

VMEbus Compliance

Complies with ANSI/IEEE Std 1014-1987

A24/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