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Find the *Abaco Systems / VMIC VMIVME-7454* at our website: ***Click HERE***

VMIVME-7454
VMEbus Floppy/SCSI Hard Disk Module

- 2 Gbyte shock resistant SCSI hard disk
- 3.5-inch 1.44 Mbyte floppy drive
- Standard VMEbus 6U two-slot form factor
- Low power
- Front panel connect eliminates removal from chassis for floppy and SCSI disconnect

INTRODUCTION — The VMIVME-7454 consists of one floppy and one hard disk drive mated to a 6U VMEbus board. Only power is derived from P1 and P2.

The VMIVME-7454 has been designed to interface to VMIC's line of VMEbus-compatible Pentium® and Pentium Pro processor boards. These CPU boards incorporate the floppy and SCSI controllers on-board.

Connection to the CPU boards is by way of cables that emerge from the front panel of the board and connect directly to the CPU board without using any P2 pins. This allows the user to disconnect the floppy and SCSI cables without removing the unit from the chassis. The SCSI cable provides SCSI daisy chaining to other SCSI devices.

COMPATIBLE CPU BOARDS — The VMIVME-7454 is designed to be used in conjunction with any of the following CPU boards: VMIVME-7588, VMIVME-7686, and VMIVME-7587.

SPECIFICATIONS

Dimensions: Standard VME double height Eurocard (two slots)
160 x 233.35 x 40.34 mm

User Connectors: 34-pin floppy drive and 68-pin SCSI-2. Wide-to-narrow adapter provided with narrow SCSI option.

Ambient Temperature:
Hard Disk Only: 5 to 50 °C, operating
Both Disks: 10 to 50 °C, operating
Storage: -40 to 60 °C
Rate: 20 °C per hour maximum

Access Time:
Average Random Seek (Read/Write): 8.5 ms
Average Access to Data: 12.7 ms
Average Latency: 4.17 ms

Humidity: 20 to 80 percent, noncondensing, maximum wet bulb 26 °C

Power Requirements: +5 V, 0.65 A maximum
+12 V, 1.85 A maximum

VMEbus REQUIREMENTS — The VMIVME-7454 occupies two VMEbus slots. VMEbus specifications require that all slots must pass daisy-chained signals present on the



VMEbus backplane. Therefore, to comply with VMEbus specifications, the two VMEbus backplane slots occupied by the VMIVME-7454 must be jumpered by the user as follows:

Jumper BG0IN* to BG0OUT*
Jumper BG1IN* to BG1OUT*
Jumper BG2IN* to BG2OUT*
Jumper BG3IN* to BG3OUT*
Jumper IACKIN* to IACKOUT*

TRADEMARKS

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Ordering Options								
July 21, 1997 800-007454-000 C		A	B	C	–	D	E	F
VMIVME-7454	–		0		–			

A = SCSI Type
0 = Wide SCSI with Multidrop Cable
(For Use with VMIVME-7588, -7686)
1 = Narrow SCSI with Multidrop Cable
(For Use with VMIVME-7587)
2 = Wide SCSI with Single Drop Expandable Cable
(For Use with VMIVME-7588, -7686)
3 = Narrow SCSI with Single Drop Expandable Cable
(For Use with VMIVME-7587)

BC = Indicates Disk Module Configuration
00 = Floppy Drive Only
01 = Reserved
02 = Floppy Drive and 2 Gbyte Hard Drive Capacity

For Ordering Information, Call:
1-800-322-3616 or 1-256-880-0444 • FAX (256) 882-0859
e-mail: info@vmic.com Web Address: www.vmic.com
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