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Data Sheet

August 15, 2026

ABACO SYSTEMS / VMIC

Abaco Systems / VMIC VMIVME-1128-000 128-Bit High Voltage Digital Input Board

The VMIVME-1128-000 is a 128-bit high-voltage digital input board designed for VMEbus systems operating in demanding industrial and control environments. This Double Eurocard (6U) module interfaces with high-voltage digital signals through high-reliability DIN-type connectors, supporting jumper-selectable voltage sourcing or current sinking configurations. Built-in-test (BIT) logic enables fault detection and isolation without external signal disconnection, while a front-panel fail LED provides immediate fault indication. Typical Applications Digital signal monitoring in VME-based industrial control systems, process automation, power distribution monitoring, and equipment status acquisition in high-voltage environments. Compatibility & Integration The VMIVME-1128-000 integrates with Abaco Systems Intelligent I/O Controllers (VME-90xx series) and Universal I/O Controllers (VME-9300 series)

**MODEL****Abaco Systems /
VMIC VMIVME-
1128-000****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****VMIVME-1128-000****LISTING**<https://aumictechlabs.com/products/vmivme-1128-000-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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Technical Specifications

Input Channels: 128 high-voltage digital input channels
Input Voltage Range: 1.25 to 66 VDC with user-selectable input voltage thresholds
Signal Type: Jumper-selectable voltage source or current sinking inputs
Data Transfer: 8, 16, or 32-bit modes
VMEbus Compliance: VMEbus Specification Rev. C.1 (ANSI/IEEE STD 1014-1987, IEC 821 and 297)
VMEbus Addressing: A24:A16:D32/D16/D08 (EO) slave: 39/3D:29/2D
Form Factor: Double Eurocard (6U)
Open Circuit State: Jumper-selectable logic zero or logic one

Key Features

- Built-in-test registers allow host-controlled data write/read verification without disconnecting external signals
- Test mode enables component checking and diagnostics
- Per-group (eight-input) jumper configuration for signal flexibility
- Buffered front I/O reduces loading on source circuits
- Fail LED for real-time fault status indication

Typical Applications

Digital signal monitoring in VME-based industrial control systems, process automation, power distribution monitoring, and equipment status acquisition in high-voltage environments.

Compatibility & Integration

The VMIVME-1128-000 integrates with Abaco Systems Intelligent I/O Controllers (VME-90xx series) and Universal I/O Controllers (VME-9300 series).

Product Status: Restricted Production Phase as of March 22, 2023.

VMIVME1128000 Characteristics / Specifications

PARAMETER	VALUE
Model	VMIVME-1128
Instrument Type	128-bit high-voltage digital input board with BIT
Card Form Factor	6U double Eurocard VME
Input Channels	128
Data Transfer Widths	8, 16, or 32 bit
Io Voltage Range	1.25 to 66 VDC
Vme Compliance	ANSI/IEEE STD 1014-1987 IEC 821 and 297
Vme Mnemonics	A24:A16:D32/D16/D08 (EO) Slave 39/3D:29/2D
Vme Specification Revision	C.1
Interface Style	buffered inputs front I/O
Input Group Size	eight inputs per jumper-selectable group
Open Circuit Logic	logic zero or jumper-selectable logic one
Addressing Modes	short supervisory and or short nonprivileged plus standard maps
Front Panel Indicator	Fail LED
Built In Test	on-board BIT for fault detection and isolation
Connector Class	high reliability DIN-type I/O
Form Factor Height	double Eurocard 6U
Channel Count Numeric	128 bits
Minimum Threshold Voltage	1.25 VDC
Maximum Threshold Voltage	66 VDC
Ordering Alias Base	VMIVME-1128-000
Related Queue Sku	VMIVME-1128-000
Data Path Width Max	32 bit
Slave Access Class	VME slave

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes

From Abaco Systems VME-1128 / VMIVME-1128 product overview and specification summary (128 Input, 1.25 to 66 VDC, D08/D16/D32). Finer per-threshold accuracies belong on the faceplate and configuration certificate.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.