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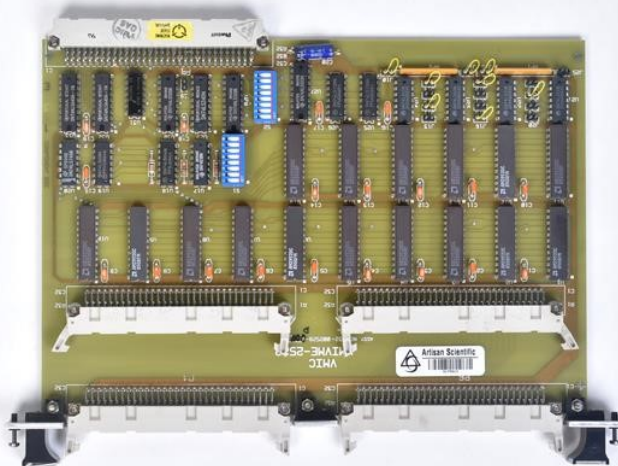
Data Sheet

August 15, 2026

ABACO SYSTEMS / VMIC

Abaco Systems / VMIC VMIVME-2528-000 128-bit TTL Digital Input/Output Board

Abaco Systems / VMIC Digital Input Board. Voltage / Current Range: 24 mA output sink, Channels: 128 Input/Output, Current: 24 mA per channel.


MODEL

**Abaco Systems /
VMIC VMIVME-
2528-000**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

**VMIVME-2528-
000**

LISTING

[https://aumictechlabs.c
om/products/vmivme-2
528-000-2/](https://aumictechlabs.com/products/vmivme-2528-000-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Abaco Systems VMIVME-2528-000 is a 128-bit TTL Digital Input/Output board engineered for VMEbus systems requiring high-density signal interfacing. This double Eurocard (6U) module delivers 128 individually configurable I/O channels with 8-bit and 16-bit data transfer capability, supporting both control and real-time monitoring in industrial automation environments. The board features 24 mA output sink capability per channel, positive or negative true data logic options, and real-time loopback functionality for signal verification. All outputs initialize in tristate mode via master clear, with automatic release upon the first write transfer to any port. Technical Specifications Channels: 128 Input/Output Data Transfer: 8-bit and 16-bit transfers Form Factor: VME Double Eurocard (6U) I/O Standard: TTL compatible Output Sink Current: 24 mA per channel Output Logic: Positive or negative true data I/O selectable Power-up State: Tristate initialization

via master clear; automatic release on first write Addressing: Addressable within short supervisory or short non-privileged I/O space; sixteen ports individually addressable on 8- or 16-bit boundaries Address Configuration: Twelve DIP switches enabling unlimited short data I/O address map selection I/O Connector: 64-pin DIN 41612 Operating Temperature: 0 to 55 °C Storage Temperature: -20 to 85 °C Key Features Individual port direction control via jumpers Alternating ground pins on I/O connector for signal integrity Real-time loopback capability for diagnostics Non-privileged and supervisory short I/O transfer support Flexible addressing within VMEbus I/O address space VMEbus Compatibility & Integration Fully compliant with VMEbus specification (ANSI/IEEE STD 1014-1987, IEC 821 and 297) with A16:D16 mnemonics. Supports A24:A16:D32/D16/D08 (EO) slave configurations in 6U form factor. Integrates directly into standard VMEbus backplanes supporting 39/3D:29/2D address decoding.

VMIVME2528000 Characteristics / Specifications

PARAMETER	VALUE
Model	VMIVME-2528
Instrument Type	128-bit TTL digital input/output board
Card Form Factor	6U double Eurocard single slot
Io Channels	128 TTL
Port Organization	sixteen 8-bit ports
Output Sink Current	24 mA
Data Transfer Widths	8 or 16 bit
Vme Access	nonprivileged or supervisory short I/O
Logic Options	positive or negative true data I/O
Connector Type	64-pin DIN 41612 front
Address Select	DIP switches for short I/O base
Power Plus 5 Vdc Maximum Class	3 A
Vme Specification	Revision C.1 IEEE Std 1014-1987 class
Related Queue Sku Zero	VMIVME-2528-000
Related Queue Sku One Ten	VMIVME-2528-110
Assembly Example	332-002528-000
Operating Temperature Class	0 to 55 C
Storage Temperature Class	-20 to plus 85 C
Form Factor Height	6U
Channel Count Numeric	64 bits times 2 connectors class 128 total
Sink Current Ma	24
Port Count	16
Bits Per Port	8
Data Path Max Width	16 bit
Ordering Alias Base	VMIVME-2528-000

PARAMETER	VALUE
Built In Loopback	real time loopback
Direction Control	jumper per port
Storage temperature	Class: -20 to plus 85 C
Operating temperature	Class: 0 to 55 C

General Specifications & Supplementary Characteristics

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Built In Loopback	real time loopback
Direction Control	jumper per port Notes From VMIC/GE VMIVME-2528 published feature lists (128-bit TTL, 24 mA sink, port direction jumpers, short I/O) and queue SKUs VMIVME-2528-000 / -110. Merlin MVME2528 drop-in literature corroborates register map compatibility and plus 5 V at 3 A max for the compatible form factor.

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

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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.