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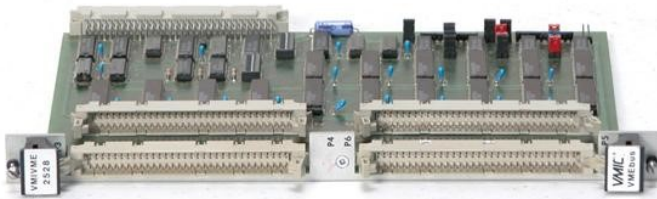
Data Sheet

August 15, 2026

ABACO SYSTEMS / VMIC

Abaco Systems / VMIC VMIVME-2528-110 128-bit TTL Digital Input/Output Board

Abaco Systems / VMIC Digital Input Board. Voltage / Current Range: 24 mA sink, 6.5 mA source, Channels: 128 TTL-compatible input/output points organized a, Channel: count data acquisition systems.



MODEL

**Abaco Systems /
VMIC VMIVME-
2528-110**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

VMIVME-2528-110

LISTING

<https://aumictechlabs.com/products/vmivme-2528-110-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Abaco Systems / VMIC VMIVME-2528-110 is a 128-bit TTL digital I/O board engineered for VMEbus systems requiring high-density interfacing of digital devices and sensors. Packaged in a double Eurocard (6U) form factor, this board delivers 128 individually configurable I/O points across sixteen 8-bit ports, each addressable on 8- or 16-bit boundaries. The architecture supports both non-privileged and supervisory short I/O transfers, with twelve DIP switches enabling flexible address map selection within the short data I/O space. Technical Specifications I/O Channels: 128 TTL-compatible input/output points organized as sixteen 8-bit ports Data Transfer: 8-bit and 16-bit transfers supported Form Factor: Double Eurocard (6U) per VMEbus specification (ANSI/IEEE STD 1014-1987, IEC 821, IEC 297) Output Current Sink: 24 mA Output

Current Source: 6.5 mA I/O Connector: 64-pin DIN 41612 with alternating ground pins Operating Temperature: 0 to 55 °C Logic Configuration: High-true or low-true selectable; individual port direction controlled via jumpers Power-up Behavior: All outputs initialize in tristate mode; any write to the final port releases tristateKey Features Individual port direction control jumpers for flexible input/output assignment Twelve DIP switches for unlimited short address map configuration Real-time loopback functionality for diagnostic and verification use Tristate management with automatic release on first port write Addressable to any location within short supervisory or short non-privileged I/O mapTypical Applications Industrial automation and process control High-channel-count data acquisition systems Digital sensor and device interfacing VMEbus-based instrumentation and test systemsCompatibility & Integration Drop-in replacement for GE / Abaco VMIVME-2528. Fully compatible with VMEbus architectures conforming to ANSI/IEEE STD 1014-1987, IEC 821, and IEC 297 specifications.

VMIVME2528110 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

PARAMETER	VALUE
Storage temperature	Class: -20 to plus 85 C
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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
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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Related Queue Sku One Ten	VMIVME-2528-110
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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.

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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30-day returns
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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.