

- 128 bits of TTL compatible I/O
- Individual port direction control jumpers
- 24 mA output current sink capability
- 8- or 16-bit transfers
- Double Eurocard form factor
- Nonprivileged or supervisory short I/O transfers
- Alternating grounds on I/O pins
- Real time loopback
- Positive or negative true data I/O option

FUNCTIONAL CHARACTERISTICS

Compatibility: VMEbus specification compatible double height form factor

I/O Connector Type: 64-pin DIN 41612

I/O Organization: Sixteen I/O ports, eight bits wide. Addressable to any address within short supervisory or short nonprivileged I/O map. Individual port direction control jumpers are provided.

Addressing Scheme: Sixteen ports individually addressable on 8- or 16-bit boundaries. Twelve DIP switches provide unlimited short data I/O address map selection.

Data Transfer Bus: A16: D16

Powerup Initialization: All outputs are initialized in the tristate mode by master clear. Any write transfer to the final port automatically releases tristate mode.

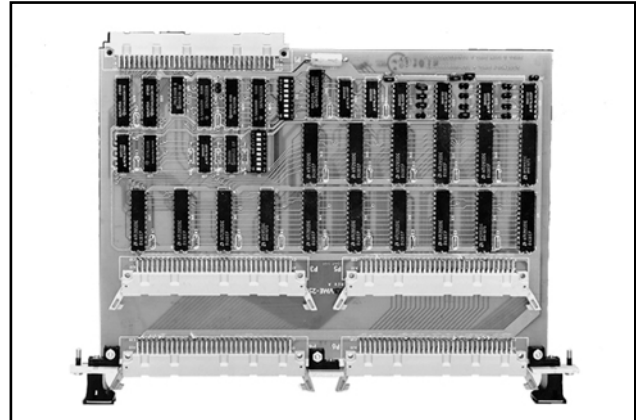
I/O Circuit: TTL compatible
Sink - 24 mA
Source - 6.5 mA

Data Polarity: High-true or low-true

Installation: Any slot except A1

PHYSICAL/ENVIRONMENTAL

Temperature Range: 0 to 55 °C, operating
-20 to 85 °C, storage



Relative Humidity Range: 20 to 80 percent, noncondensing

Cooling: Convection

Power Requirements: +5 V at 3 A maximum

TRADEMARKS

The VMIC logo is a registered trademark of VMIC. Other registered trademarks are the property of their respective owners.

Ordering Options							
October 28, 1994	800-002528-000	B	A	B	C	-	D E F
VMIVME-2528		-			0	-	
AB = Input Option/Output Options 11 = Positive True 00 = Negative True C = 0 (Option reserved for future use)							
Connector Data							
Compatible Cable Connector		Panduit No. 120-964-435E					
Strain Relief		Panduit No. 100-000-032					
PC Board Connector		Panduit No. 120-964-033A					
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 Copyright © January 1986 by VMIC Specifications subject to change without notice.							

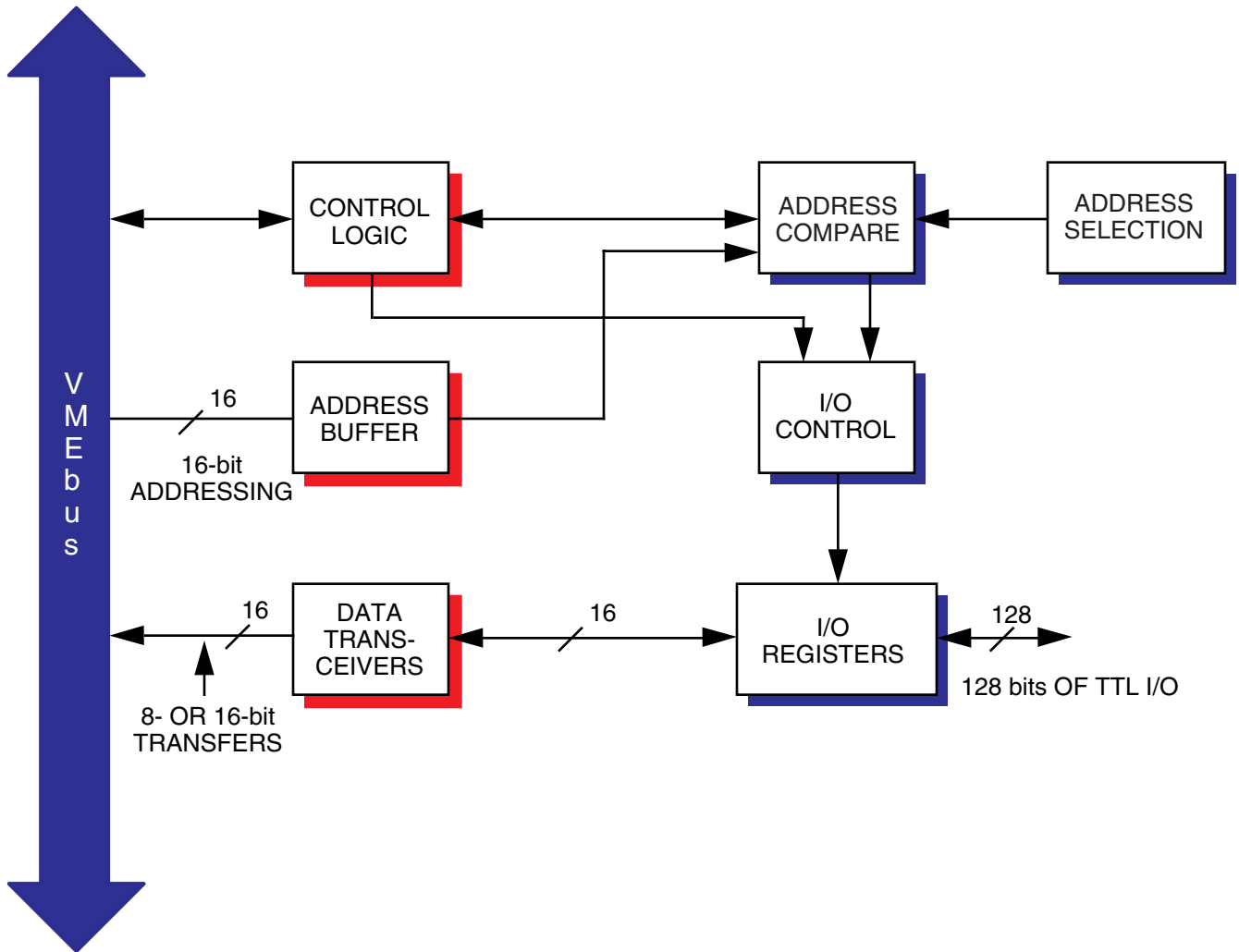


Figure 1. VMIVME-2528 Functional Block Diagram