

- 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.

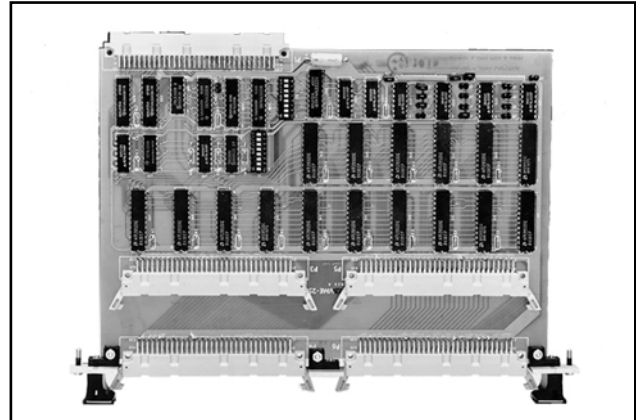
**I/O Circuit:** TTL compatible  
Sink - 24 mA  
Source - 6.5 mA

**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

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Ordering Options							
October 28, 1994	800-002528-000	B	A	B	C	-	D E F
VMIVME-2528		-			0	-	
<b>AB = Input Option/Output Options</b> 11 = Positive True 00 = Negative True <b>C = 0 (Option reserved for future use)</b>							
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					
<b>For Ordering Information, Call:</b> 1-800-322-3616 or 1-256-880-0444 • FAX (256) 882-0859 E-mail: <a href="mailto:info@vmic.com">info@vmic.com</a> Web Address: <a href="http://www.vmic.com">www.vmic.com</a> Copyright © January 1986 by VMIC Specifications subject to change without notice.							

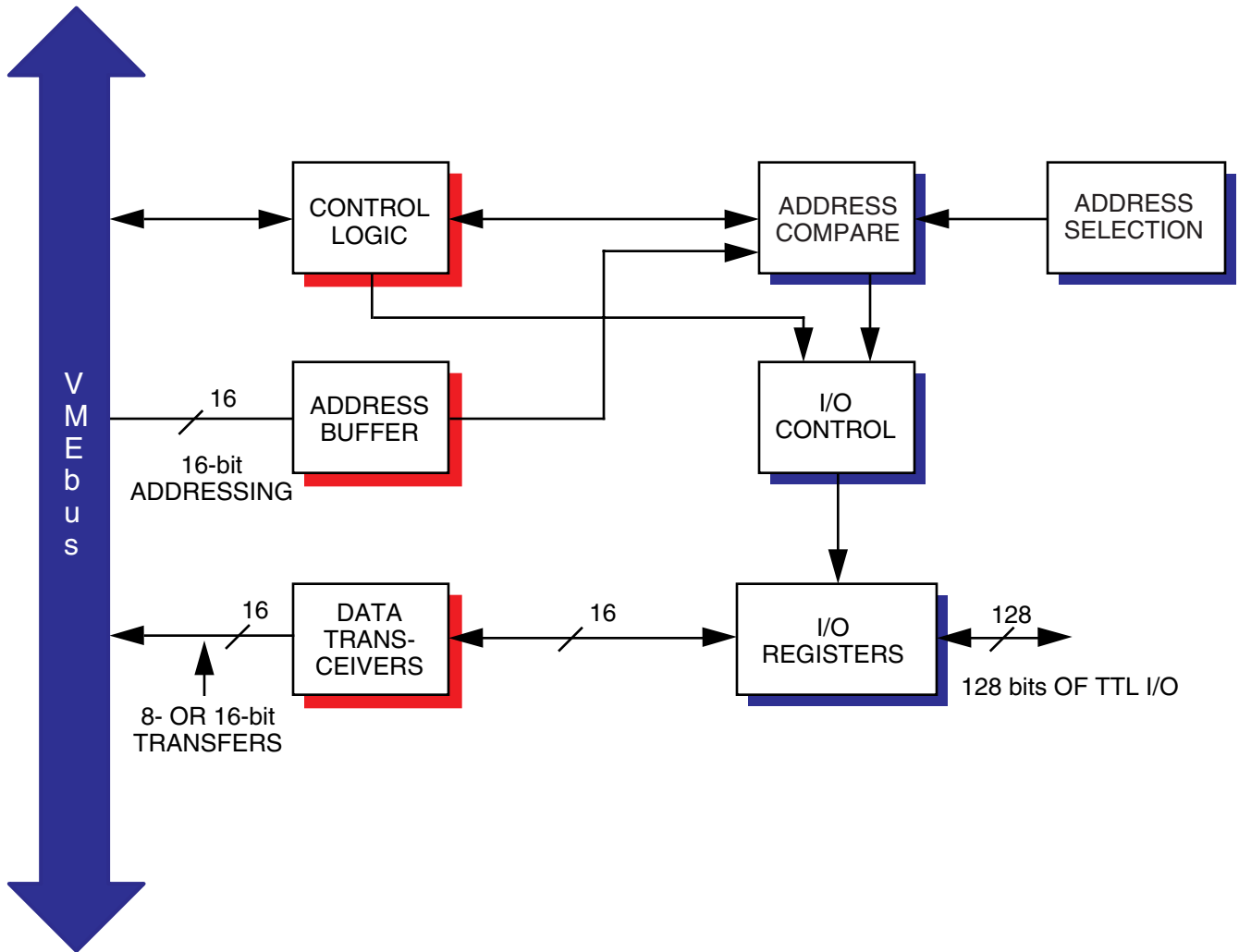


Figure 1. VMIVME-2528 Functional Block Diagram