# VIPC627-ET
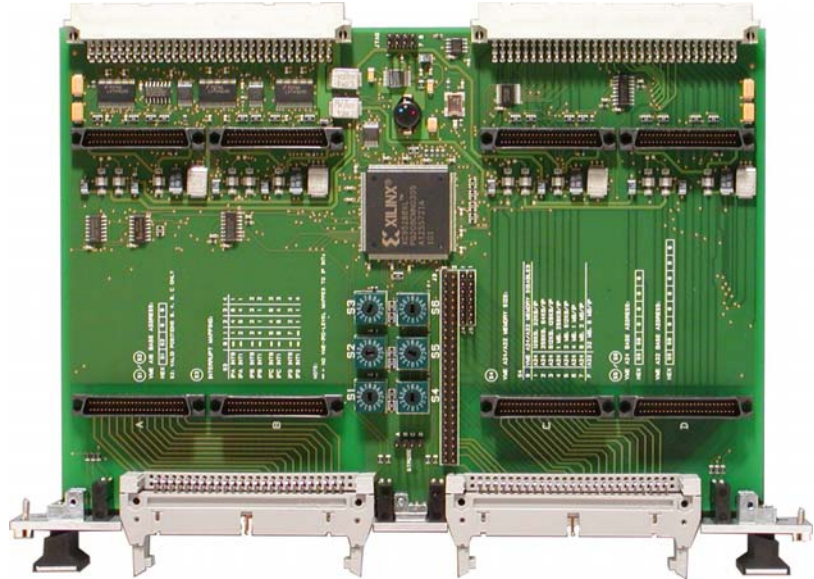## 4-Slot IndustryPack 6U VME Carrier Card

## Features

- 6U VMEbus board

- 4 IP slots

- Self-healing fuses and RF-filtering on all IP power lines

- Extended temperature range



The VIPC627-ET is a 6U VMEbus carrier for up to 4 single-size or two double-size IndustryPack (IP) modules that allows you to build modular, flexible and cost-effective I/O solutions for a variety of applications such as process control, medical systems, telecommunication and traffic control.

Two 50-pin, 0.1 inch flat ribbon cable connectors mounted in the front panel of the VIPC627-ET provide access to all IP I/O lines. Also, all I/O lines of 'IP D' are routed to VME P2 and 14 user selectable I/O lines of 'IP C' can be routed to VME P2 via a jumper field.

Status indicators for IP access, +5V and +/-12V are provided.

A set of 16-position rotary switches allows easy configuration of VME short I/O and memory addresses.  Interrupt routing from the IP slots to the VME IRQs can be accomplished in two ways: programmable by software or selection of predefined sets by a rotary switch.

The IP power lines are fuse protected by self-healing fuses and RF filtered. The operating temperature range is -40°C and +85°C.

# Specifications

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|---|---|
| Form Factor | VMEbus board, 6U |
| VMEbus Slave Interface | Short I/O: A16, D08/16<br>    Size: 1 KByte<br>Standard Memory: A24, D08/16<br>    Size: programmable, 32 KBytes to 2 MBytes per IP<br>Extended Memory: A32, D08/16<br>    Size: fixed, 8 MBytes per IP<br>Interrupts: IRQ1-7 |
| ANSI/VITA 4-1995 compliant interface to IndustryPack modules | IndustryPack slots: Four single-size or two double-size with front panel I/O;<br>8 MHz interface, no DMA;<br>Routing of IP Interrupt Levels to VME IRQ1-7: programmable by software or selection of predefined sets by a rotary switch;<br>I/O access: 50-pin 0.1 inch flat ribbon cable connector per IP mounted in front panel<br>Rear I/O for 'IP C' and 'IP D' |
| Status LEDs | ACK LED for each IP module<br>+5V Power LED for each IP slot<br>+12V and −12V Power LED |
| Fuses | Self-healing fuses and RF-filtering on all IP power lines |
| Environmental | Operating temperature: -40° to +85°C<br>Humidity: 5 to 95% non-condensing<br>Storage: -40 to +85°C |

## Ordering Information

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| VIPC627-ET | VMEbus Carrier for 4 IP modules (6U), front- and rear-panel I/O |

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For additional contact information, please visit our web site at **www.sbs.com**

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