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Find the *ACTIS Computer VIPC-6400* at our website: ***Click HERE***

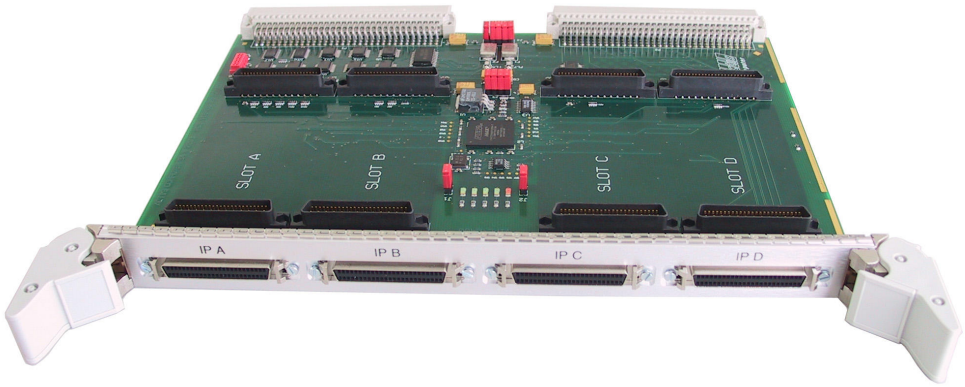
VIPC-6400

QUAD INDUSTRYPACK MODULE CARRIER

VME

Features

- Four IP Module slots supported
- VME bus interface
- 8 MHz mode support
- IP Module I/Os available on front panel
- One IP Module slot I/Os available for rear VME connecion



VIPC-6400

is a passive VME IP Module carrier, with four expansion slots. This carrier board facilitate a modular approach to system assembly by extending peripheral capability with IndustryPack concept.

VME interface

The VIPC-6400 board has a VME slave interface supporting A32/A24/A16/D16/D8(EO) with an interrupter (requester) D8(O).

IP Module interface

Four simultaneous IP Module slot are supported with 8 MHz mode bus. This interface supports the IndustryPack specification for 8 and/or 16-bit data for the available memory spaces (ID, IO, MEM, INT) . Up to 8 interrupts request are available for VME interrupt.

Flexible I/O

The four IP module I/Os are available on four half-pitch 50-pin shielded connectors located on the front panel.
The IP Module slot D supports rear VME I/Os connection.

Power supply

Individual EMC filter is provided for each on-board supply voltage introduced for accurate analog modules. A floating ground layer underneath IP slot enhances system noise reduction for sensitive applications. All power supplies are fuse protected by using thermal devices, which ensure an easier product maintenance.

Wide range of IP Modules

The VIPC-6400 is compatible with hundred of IP Module products available from ACTIS Computer and third-parties. Typical applications cover industrial I/Os, serial communication controllers, acquisition system, etc.

VMEbus Technology

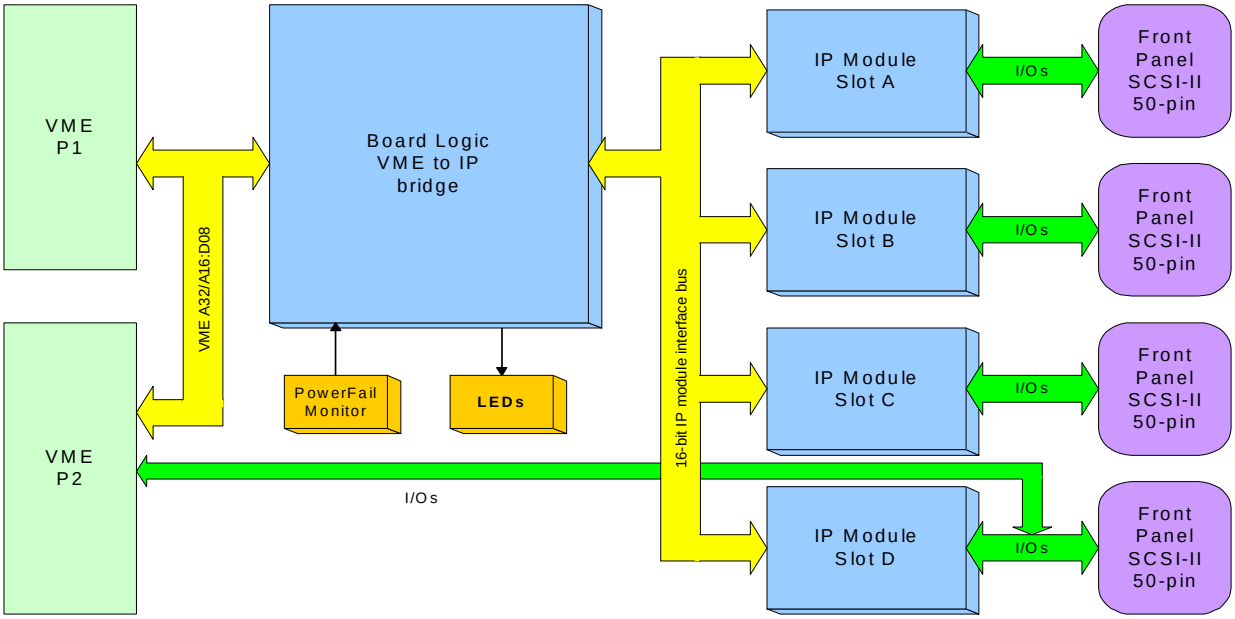
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VIPC-6400

VME



VME interface

- Slave: A32/A24/A16/D16/D8(EO)R/W, RMW
- Interrupter: I(1-7), D08(O)

IP module interface

- Compatible with VITA ANSI/VITA 4-1995 specification
- Four IP Module slots
- 16 and/or 8-bit data bus width
- 8 MHz bus mode support
- ID, IO, INT, MEM access cycle
- All I/O available on front panel
- Slot D I/Os available on J2 connector
- Enhanced interface bus without hold cycles

Power supply

- Individual filtered power supply for each
- Thermal fuse protection
- On-board power supply monitor

Environmental

Operating	0 to +70 ℃
Non-operating	-40 to +85 ℃
Airflow requirement	10 CFM
Relative Humidity	0 to 90 % (non-cond.)
Altitude	0 to 10'000 ft

Environmental

Dimensions	6.3 in x 9.2 in
Power	TBD
Vibration	0.5G RMS 20-2000 Hz random
Shock	20 G, 11 ms, ½ sine

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