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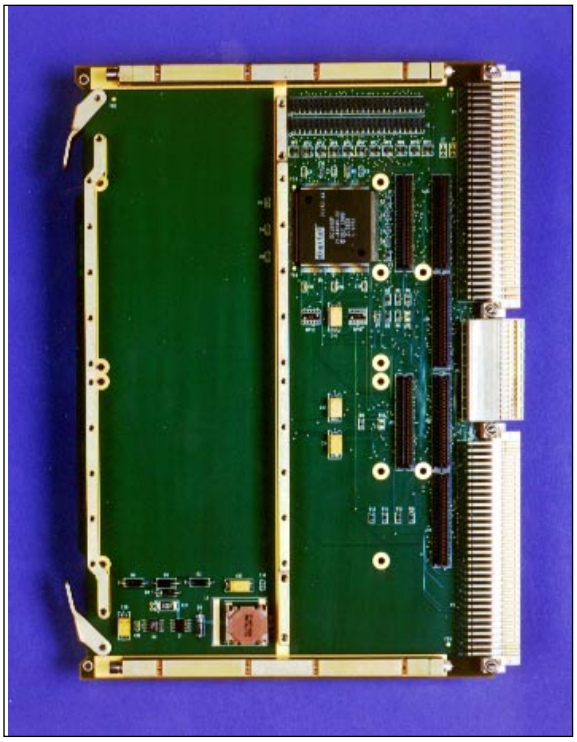
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THALES
COMPUTERS

MM-PMC

PMC Carrier Board

- 33 MHz, 32-bit PCI Interface
- VMEbus Daughter Board
- Provides Two PMC Sites to Applicable Thales Computers CPUs
- Occupies One VMEbus Slot
- Conduction Cooled
- -40° to +85°C Operation
- Designed to Meet MIL-STD-810E Vibration and Shock Methods 514.4 & 516.4



The MM-PMC is a daughter board which provides two additional PMC sites to compatible Thales Computers CPU boards.

Occupying one VMEbus slot, the MM-PMC connects to the PCI bus expansion connector of the CPU. A 33 MHz, 32-bit PCI interface is accessed through a PCI-PCI Bridge Chip.

The PCI expansion connector arrangement on the MM-PMC supports an additional PMC carrier board so that up to two MM-PMC boards can be installed per CPU. Rear-panel I/O, via the P0 and P2 connectors, supports up to 64 I/O lines from each PMC board.

The MM-PMC requires +5V from the VMEbus. The board generates its own +3.3V using an onboard switching power supply. It also passes ±12V from the bus through to the PMC sites.

The MM-PMC is shock and vibration tolerant and is designed for rugged, conduction-cooled operation from -40° to +85°C.

Specifications

Standard Compliance	ANSI/VITA 1-1994; ANSI/IEEE Std 1101.2-1992; ANSI/IEEE P1386.1 Draft 2.0; VITA 20-199x, Draft 1.6; VITA 1.1-199x, Draft 2.0; PCI SIG "PCI Local Bus Spec", Rev 2.1; PCI SIG "PCI-toPCI Bridge Architecture Spec", Rev 1.0
Voltage Requirements	+5 VDC, ±12VDC for PMC sites
Shock	MIL-STD-810E, method 516.4, procedure 1
Vibration	MIL-STD-810E, method 514.4, procedure 1
Storage Temperature	-55° to +85°C
Operating Temperature	-40° to +85°C

Specifications subject to change without notice. Rev020503

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