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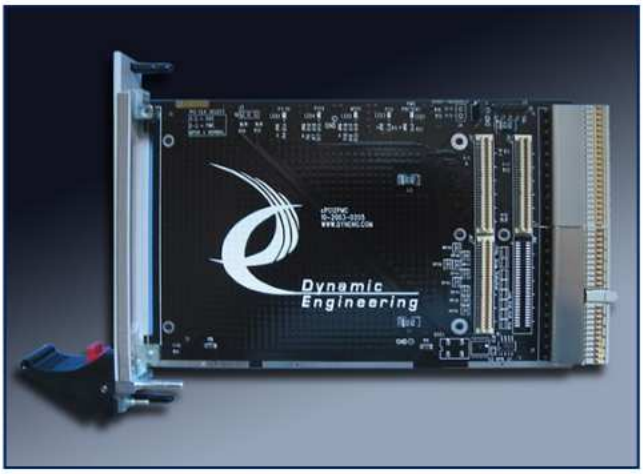
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cPCI2PMC

Dynamic Engineering



Cost effective and easy-to-use, the cPCI2PMC plug and play interface will support your PMC with 32/64 bit, 33/66 MHz. operation.

Reuse your PMC within cPCI, adding functionality with low overhead. A passive, no latency solution. cPCI2PMC (cPCI to PMC) adapter provides a single PMC position in a universal voltage 3U/6U 4HP compactPCI slot.

http://www.dyneng.com/cpci2pmc.html

Designed for optimal electrical and thermal performance of the PMC. Both front (bezel) and rear (Pn4/J2) access to I/O signals supported. Solve your requirements: off-the-shelf solutions with multiple options.

cPCI2PMC Advantages

- **Industry Standard Features** -3U PCB fits 3U/6U 4HP, 33/66 MHz., 32/64 bit, front and/or rear panel I/O, universal VIO, master/target, cPCI INTA-D, EMC gaskets, no software set-up required for cPCI2PMC
- **Operation** - Zero delay buffer for PCI clock distribution, series resistors and clamping diodes for optimal signal quality
- **Power** - +5(12A), +3.3(12A), +12(1A), -12V(1A) VIO(4A) routed to PMC. Intentionally designed heavy power planes for improved thermal characteristics.
- **PCB Integrity** - Manually placed and routed to ensure proper impedance, length, width, and current capabilities. Tear drop connections at cPCI press-fit connectors for strength in vibration. Gold plating and high-temp ROHS compliant fabs (94-V0) for ROHS and non-ROHS processing.
- **Status LED's** - Indicate both voltage and PMC recognized, facilitating rapid implementation.
- **Operating Temperature Range** - "Extended/Industrial" -40° to +85° C.
- **PrPMC** - Can be used in any slot, and when used in combination with the Slot 0 option can be used as the system controller. Monarch mode user control provided.
- **M66EN** - User control provided to allow overriding system and PMC selection.
- **Slot 0** - Build option adds system level 'housekeeping' functions: terminations, 7 pairs plus local PMC of request/grant arbitration, clock generation, interrupt routing, reset, etc.

Full product details and ordering options: http://www.dyneng.com/cpci2pmc.html



Related Products

cPCIBPMC3U64 cPCI bridged adapter for one PMC module.

cPCIBPMC3U64-ET Extended Temperature version of the cPCIBPMC3U64.

cPCIBPMC6UET 6U 4HP Extended Temperature cPCI carrier with two PMC slots.

DYNAMIC ENGINEERING

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Chassis • Customization

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We buy equipment

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