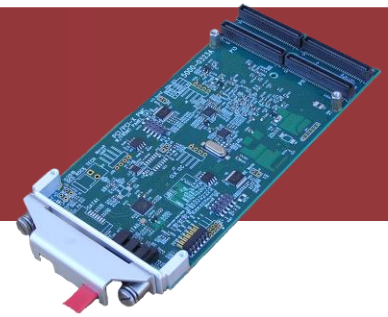


PMC SATA Controller



RRT-PMC-SATA-CONTROLLER

The PMC SATA Controller is a PMC Mezzanine card with a dual-channel 64-bit PCI-X SATA 3 controller with 2 SATA connectors via front panel.

FEATURES INCLUDE

- 32-bit or 64-bit operation
- PCI or PCI-X operation
- PMC PCI/PCI-X Performance from 25 MHz to 133 MHz
- SATA interface: SATA1,2, or 3 modes
- 2 Independent SATA interfaces
- LED indication for Power, Reset and Activity
- Standard 7-pin SATA interface
- VITA 39 and IEEE 1386-2001
- Compliant PMC-X interface
- Standard PMC form factor
- Extended temperature range available
- SATA cable secured by rugged retainer clip.

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Ordering Information

RRT-PMC-SATA-CONTROLLER - UR - X

Options May be left blank

Conformal Coating

UR = polyurethane
AR = acrylic

Extended Temperature Range

X = -40°C to 85°C

Performance

Interface	Supports SATA1,2 and 3 operation.
Sustained Throughput Read/Write	Up to 270 MB/s

Reliability

MTBF (1)	1.3 million hours
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Power

Voltage	+5V +/- 5%
Watts-idle	3W
Watts-active	4W max

Environmental

Temperature operating	0° to 70°C
Temperature operating - Extended	-40° to 85°C
Temperature storage	-40° to 85°C
Relative Humidity	5% to 95%
Altitude	80,000 ft (7000 meters)
Shock	40g 11 millisecond terminal sawtooth pulse
Vibration	0.1g ² /Hz

Physical

Form Factor	Single CMC
Weight	12 oz. max (340g)
Dimensions (W x L x H)	2.913" x 5.866" x 0.612" (74mm x 149mm x 15.5mm)

(1) Telcordia SR-322, Issue 3, operating temp (40° C), electrical stress (50%), environmental factor (1.0)

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