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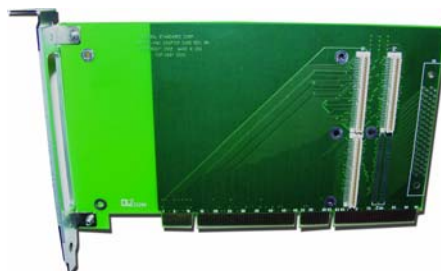
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General Standards Corporation

High Performance Bus Interface Solutions

GSC - PCI to PMC Adapter



Features

- Supports both 32/64 bit PCI Bus
- Supports both 3.3v and 5v PCI Signaling
- Supports both 33Mhz and 66Mhz PCI Bus
- Optional Rear I/O Configuration available (including cabling)
- Field-alterable configuration features
- Adapts a single-width PMC form factor to PCI

General Standards Corporation

8302A Whitesburg Drive · Huntsville, AL 35802

Phone: (256) 880-8787 or (800) 653-9970 FAX: (256) 880-8788 Email: Sales@GeneralStandards.com

PCI Compatibility:

Conforms to PCI Specification 2.3, with 66MHz/33MHz, D32 and universal signaling (5/3.3 Volt).

Physical Parameters

PCI Mechanical Characteristics (Adapter)

Height: 15.0 mm (0.59 in) *board and adapter combined.

Depth: 167.6 mm (6.60 in)

Width: 96.5 mm (3.80 in)

Environmental Specifications

Ambient Temperature Range: Operating: 0 to +65 Degrees Celsius inlet air
Storage: -40 to +85 Degrees Celsius

Relative Humidity: Operating: 0 to 80%, non-condensing
Storage: 0 to 95%, non-condensing

Ordering Information

Specify the basic product model number followed by an option suffix "-1", as indicated below. For example, model number "GSC-PCI to PMC Adapter-1" describes a board with Rear I/O added to the board. Unless otherwise specified, the Adapter is preassembled not to include the "-1" option (i.e. GSC-PCI to PMC Adapter). Cables are available for the RIO option. Contact the factory for more details.

| Optional Parameter | Value | Specify Option As: |
|--------------------|---------|--------------------|
| Rear I/O | with | -1 |
| | without | leave blank |

General Standards Corporation assumes no responsibility for the use of any circuits in this product. No circuit patent licenses are implied. Information included herein supersedes previously published specifications on this product and is subject to change without notice.

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System Interface Connector

Table 1. System I/O Connector

| P5 Row A | | P5 Row B | |
|----------|----------|----------|----------|
| P5 - PIN | P4 - PIN | P5 - PIN | P4 - PIN |
| A34 | I/O - 1 | B34 | I/O - 2 |
| A33 | I/O - 3 | B33 | I/O - 4 |
| A32 | I/O - 5 | B32 | I/O - 6 |
| A31 | I/O - 7 | B31 | I/O - 8 |
| A30 | I/O - 9 | B30 | I/O - 10 |
| A29 | I/O - 11 | B29 | I/O - 12 |
| A28 | I/O - 13 | B28 | I/O - 14 |
| A27 | I/O - 15 | B27 | I/O - 16 |
| A26 | I/O - 17 | B26 | I/O - 18 |
| A25 | I/O - 19 | B25 | I/O - 20 |
| A24 | I/O - 21 | B24 | I/O - 22 |
| A23 | I/O - 23 | B23 | I/O - 24 |
| A22 | I/O - 25 | B22 | I/O - 26 |
| A21 | I/O - 27 | B21 | I/O - 28 |
| A20 | I/O - 29 | B20 | I/O - 30 |
| A19 | I/O - 31 | B19 | I/O - 32 |
| A18 | I/O - 33 | B18 | I/O - 34 |
| A17 | I/O - 35 | B17 | I/O - 36 |
| A16 | I/O - 37 | B16 | I/O - 38 |
| A15 | I/O - 39 | B15 | I/O - 40 |
| A14 | I/O - 41 | B14 | I/O - 42 |
| A13 | I/O - 43 | B13 | I/O - 44 |
| A12 | I/O - 45 | B12 | I/O - 46 |
| A11 | I/O - 47 | B11 | I/O - 48 |
| A10 | I/O - 49 | B10 | I/O - 50 |
| A9 | I/O - 51 | B9 | I/O - 52 |
| A8 | I/O - 53 | B8 | I/O - 54 |
| A7 | I/O - 55 | B7 | I/O - 56 |
| A6 | I/O - 57 | B6 | I/O - 58 |
| A5 | I/O - 59 | B5 | I/O - 60 |
| A4 | I/O - 61 | B4 | I/O - 62 |
| A3 | I/O - 63 | B3 | I/O - 64 |
| A2 | GND | B2 | GND |
| A1 | GND | B1 | GND |

System Mating Connector:

68-Pin 2-row 0.050" dual-ribbon cable socket
connector: Robinson Nugent
#P50E-068-S-TG, or equivalent.

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