

# **SPECIFICATIONS**

## **PC104-DIO48**

Digital I/O



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## Power consumption

+5V Operating 130 mA typical, 200 mA maximum

## Digital Input / Output

|                        |  |
|------------------------|--|
| Digital Type           | 82C55  |
| Configuration          | 4 banks of 8, 4 banks of 4, programmable by bank as input or output    |
| Number of channels     | 48 I/O   |
| Output High            | 3.0 volts minimum @ -2.5 mA  |
| Output Low             | 0.4 volts maximum @ 2.5 mA   |
| Input High             | 2.0 volts minimum, +5.5 volts absolute maximum                         |
| Input Low              | 0.8 volts maximum, -0.5 volts absolute minimum                         |
| Power-up / reset state | Input mode (high impedance)  |
| Miscellaneous          | Locations provided for installation of pull-up or pull-down resistors. |

## Environmental

|                             |                         |
|-----------------------------|-------------------------|
| Operating temperature range | 0 to 50°C               |
| Storage temperature range   | -20 to 70°C             |
| Humidity                    | 0 to 90% non-condensing |

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