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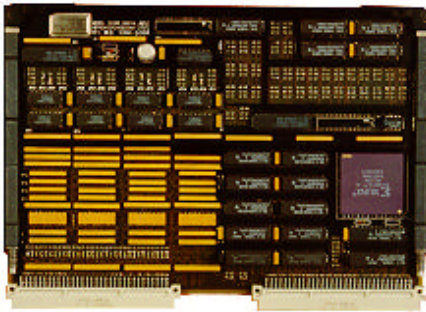
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Contact us: (888) 88-SOURCE | sales@artisanng.com | www.artisanng.com

DIN (Digital Input)

32 Channels of Variable Voltage, Discrete Inputs

The VISTA Controls family of Rugged 6U VME I/O cards have been designed to provide system engineers with maximum flexibility and reliability to meet their I/O requirements with Off-The-Shelf Solutions.



APPLICATIONS
Navigation Systems
Fire Control Systems
Flight Control Systems
Sight-head Stabilization
Data Collection
Communication
C3I

The VISTA DIN (**Digital Input**) provides the User with 32 channels of variable voltage, discrete inputs with user definable Inputs (5 or 28 Volts).

The Digital Input board is the ideal single board solution for airborne, shipboard, land vehicle and other harsh environment applications.

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At the request of the customer, VISTA can offer modifications to the listed features which could satisfy that totally unique application requirement.

FEATURES:

VME Interface:

- 6U VMEbus Slave A16/D16
- Programmable interrupter: 7 levels

Power Consumption: (typical)

- 5 VDC @ 0.8 A nominal and 1.5 A peak

Mechanical:

- IEEE 1101.2 single-slot @ 0.8 inch centers
- Wedge locks, Integral heat sinks and stiffeners
- Front Panel on Air Cooled versions
 - » IEEE 1101.1 Compliant
- Weight: 11 oz Air Cooled
16 oz (Conduction Cooled)

Built-In-Test Circuitry:

- For Continuous and Initiated Bit Operation

32 Channels of High Voltage Inputs

- Inputs Types are Jumper Selectable to:
(Groups of 8)
Differential Inputs:
Contact Closure
Voltage Sourcing
Current Sinking

- Open Circuit Provides Logic '0' or (Jumper Selectable) Logic '1'

- Input Filter Option

- Selectable Input Voltage Thresholds

5 or 28 Volt Input Standard

P2 I/O Connector

▪ System Features

- *VxWorks Drivers available
(call for other OS support)*
- *Conduction Cooled, -40°C to +75°C
Operating Temperature
(Class 3; see Environmental Classifications)*
- *0.1 g² / Hz Vibration
per Mil-Std-810E,
(Class 3)*
- *40G Shock
per Mil-Std-810E,
(Class 3)*



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