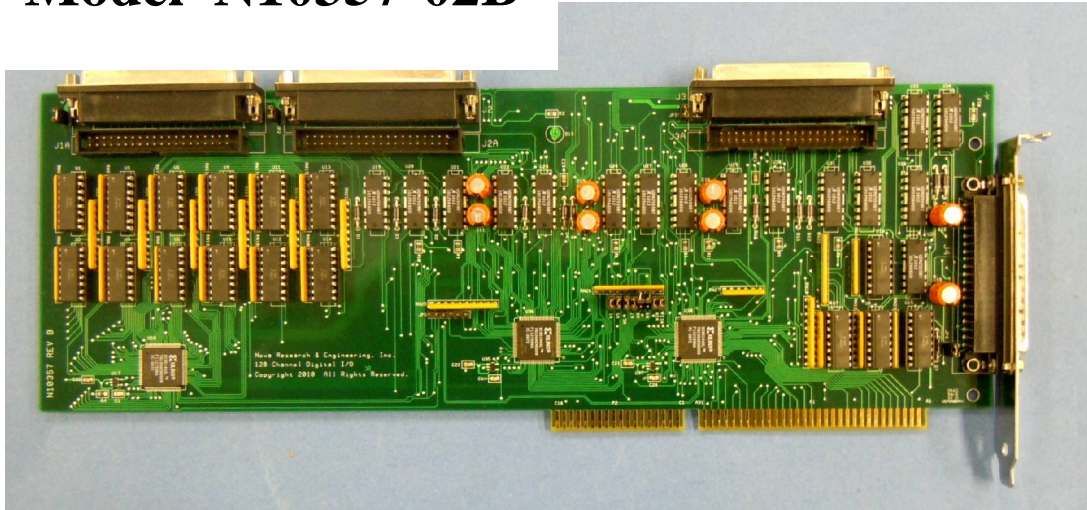


Digital IO Board

128-Bit, 500mA

Model N10357-02B



Description: This is a high performance digital IO card for the ISA bus. The bus interface was implemented using high-speed CPLDs to provide the highest throughput speeds possible. The features of this board are:

- 128 Bits of parallel IO
 - 64 bits optically coupled active-low inputs
 - 64 bits ground referenced active-low outputs
 - Read-right inputs and outputs
 - Read/write speed limited only by ISA bus speed
 - IO mapped ports
- Input port current 15mA/bit at 24VDC
- Output port current 500mA peak/bit
- Output bits are Schottky clamped and can be used for solenoid control
- DB37 connectors support pin-per-wire connections for high current
- Each connector may be separately powered
- 2X20 flat ribbon cable connectors support lower current applications
- Full-slot card size

Environmental:

Operating Temperature: 0 to +70C

Storage Temperature: -30 to +85C

Humidity: 0 to 100%, non-condensing

ESD Sensitivity: All inputs and outputs safe to 15kV human body model