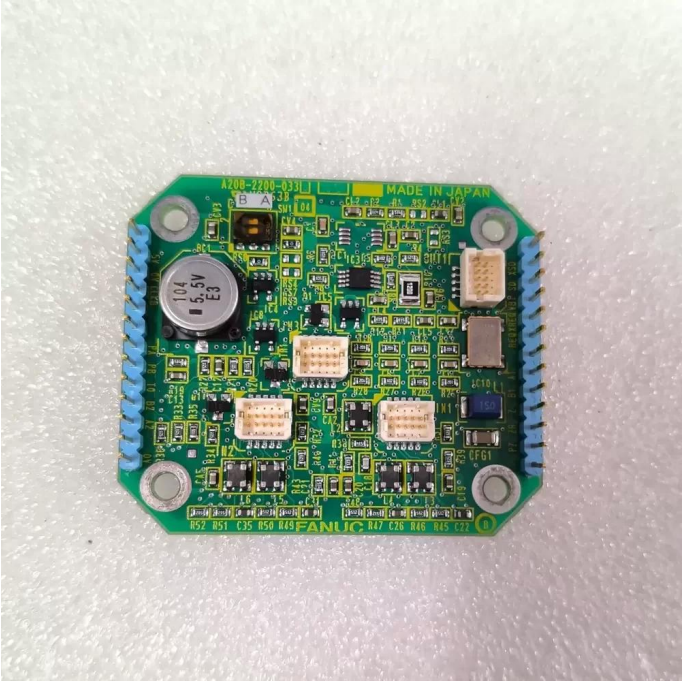
A20B-2200-0336 Fanuc 4-Axis DDR Detection Encoder Board Datasheet



Brand: Fanuc

SKU: 1047752056982

Category: CNC, Robotics & PLC Boards

Price: **$914.29**

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Product Page:
https://www.equipspares.com/product/a20b-2200-0336-fanuc-4-axis-ddr-detection-encoder-board

Product Description

Fanuc A20B-2200-0336 is a 4-axis Direct Drive Rotary (DDR) detection encoder board featuring a double-sided PCB architecture, 24 VDC nominal voltage, and a 10-pin interface. The unit integrates high-resolution signal processing circuitry designed for multi-axis synchronization and real-time positional feedback. It utilizes industrial-grade surface-mount components on a rigid FR4 substrate to ensure thermal stability and signal integrity under continuous operation. The hardware includes dedicated I/O channels for quadrature pulse evaluation, hardware-based noise filtering, and a compact form factor optimized for direct integration into servo amplifier modules.

A20B-2200-0336 Specifications
Model Number: A20B-2200-0336
Brand: Fanuc
Product Category: DDR 4-Axis Detection Encoder Board
Nominal Voltage: 24 VDC
Axis Support: 4-Axis
System Compatibility: Direct Drive Rotary (DDR)
PCB Type: Double-Sided FR4
Interface Type: 10-Pin Connector
Feedback Type: High-Resolution Quadrature Pulse
Mounting: Surface Mount / Direct Integration

Operating Temperature: 0 to 55 °C
Enclosure Rating: IP20
Country of Origin: Japan

A20B-2200-0336 Applications

Primary applications include integration into Fanuc robotic manipulator arms, multi-axis CNC machining centers, and automated material handling systems requiring Direct Drive Rotary (DDR) synchronization. Deployed within servo amplifier cabinets and main control units, this board facilitates real-time positional tracking for high-speed spindle motors and precision indexing tables.

Supplemental Images