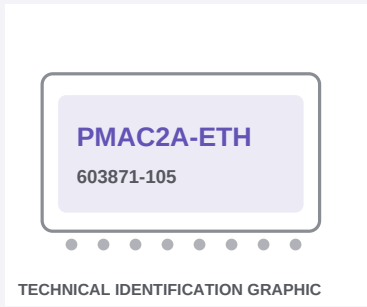


AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

DELTA PMAC2A-ETH 603871-105
Turbo Clipper Motion Controller



PRODUCT	ASSEMBLY	FAMILY	BASE CONTROL
PMAC2A-ETH	603871-105	TURBO CLIPPER	4 AXES

DELTA PMAC2A-ETH 603871-105 is a Turbo Clipper motion controller board for coordinated servo and stepper applications. The board integrates motion processing, machine-interface signals, general-purpose I/O and host communications.

01 CURRENT RANGE PARAMETERS

Product Model	PMAC2A-ETH	Assembly Number	603871-105
Product Parameters	Turbo Clipper Motion Controller	Product Family	Turbo Clipper
Tariff Code	8537101190	Country of Origin	USA
Place of Shipment	Xiamen, China	In Stock	1 unit
Estimated Shipping Size	22.6 x 11.3 x 1.8 cm	Manufacturer	Delta Tau Data Systems
Base Axis Capacity	4 servo or stepper axes	Expansion	Stackable accessory support
Host Communications	Ethernet, USB, RS-232	General-Purpose I/O	32 digital I/O points

02

CONTROLLER CAPABILITIES

Controller Architecture	Turbo PMAC2
Base Motion Channels	Four servo or stepper axes
Axis Operation	Independent or coordinated motion
Motor Interface	Five motor inputs and two motor outputs
Digital I/O	32 general-purpose digital I/O points
Programming	PMAC high-level motion and PLC programming
Expansion	Stackable axis and interface accessories
Configuration Storage	Programs, variables, tables and I-variables

03

COMMUNICATIONS AND MACHINE INTERFACE

Ethernet	Network configuration and PMAC host communication
USB	Controller setup and host communication
RS-232	Serial host communication
Machine Signals	Encoder, amplifier enable, fault, home and limit signals
Control Modes	Servo, stepper, pulse-and-direction and configured PMAC functions

04

INSTALLATION AND REPLACEMENT NOTES

- Confirm assembly number 603871-105, the printed board revision and every installed option before replacement.
- Back up PMAC programs, I-variables, coordinate definitions, communication settings and saved parameters.
- Verify controller power, grounding, connector pinouts, I/O direction settings and expansion-board arrangement before energizing.
- Restore the machine configuration and validate axis feedback, limit, home, fault and amplifier-enable signals before production use.

IMPORTANT NOTICE

This Amikon-formatted product reference summarizes identified controller information. Confirm the delivered board revision, installed options and machine requirements before ordering or replacement.