

MANUFACTURER-SOURCE TECHNICAL REFERENCE

Delta Electronics PMAC2A-ETH 603871-109

Product Reference

Delta Tau Turbo PMAC Clipper / PMAC2-Eth-Lite motion controller

DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited Delta Tau / OMRON manufacturer sources. No product photograph is included.

Product / lookup identity	Delta Electronics PMAC2A-ETH 603871-109
Reference number	PMAC2A-ETH 603871-109
Document basis	Published Delta Tau / OMRON product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/Delta-Electronics/pmac2a-eth-603871-109-configuration-verification>
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Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

Delta Electronics PMAC2A-ETH 603871-109 is an evidence-bounded Turbo PMAC Clipper PMAC2A-Eth-Lite multi-axis motion controller requested assembly. System role: The documented base controller provides a Turbo PMAC2 CPU, at least four servo or stepper axes, Ethernet, USB and RS-232 communications, motor-interface circuitry and onboard digital I/O. System context: Delta Tau Turbo PMAC Clipper / PMAC2-Eth-Lite motion controller.

Published field	Manufacturer-published value or verified identity note
Exact requested label	PMAC2A-ETH 603871-109
Product class	Turbo PMAC Clipper PMAC2A-Eth-Lite multi-axis motion controller requested assembly
Documented product	Turbo PMAC Clipper / Turbo PMAC2-Eth-Lite
Documented board family	4xx-603871-xAxx; base part 603871
Requested assembly	603871-109 – exact option population requires verification
Base motion channels	Minimum 4 servo or stepper axes
Axis expansion	ACC-IP can add four channels; configuration-dependent

System function and signal path

01	System Inputs: The documented base controller provides a Turbo PMAC2 CPU, at least four servo or stepper axes, Ethernet, USB and RS-232 communications, motor-interface circuitry and onboard digital I/O.
02	Processing: Use the exact installed board revision, option population, firmware, power arrangement, axis interfaces, feedback devices and I/O wiring documented for the machine.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for Delta Electronics PMAC2A-ETH 603871-109.

2 System documentation: Provides a source-traceable boundary for the documented Delta Tau Turbo PMAC Clipper / Turbo PMAC2-Eth-Lite motion-control architecture configuration.

3 Commissioning review: Guides identity, companion-hardware, wiring and controlled functional checks before return to service.

4 Migration assessment: Separates exact-model facts from successor, sibling and family-level information.

Frequently asked questions

What is Delta Electronics PMAC2A-ETH 603871-109?	It is an evidence-bounded Turbo PMAC Clipper PMAC2A-Eth-Lite multi-axis motion controller requested assembly; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Requested Label Verification With Supplied Delta Tau Manuals.
What is its system role?	The documented base controller provides a Turbo PMAC2 CPU, at least four servo or stepper axes, Ethernet, USB and RS-232 communications, motor-interface circuitry and onboard digital I/O.
Which installed-base context is documented?	Delta Tau Turbo PMAC Clipper / Turbo PMAC2-Eth-Lite motion-control architecture.
Are related models automatic substitutes?	No. A sibling, repair code, suffix or engineering replacement is not an unconditional drop-in approval.
Must the physical label be checked?	Yes. Verify the model, revision, firmware and all order or configuration suffixes.

Official Delta Tau / OMRON sources

Turbo PMAC2 Eth Ultralite Hardware Reference Manual	https://assets.omron.com/m/6e12544e9255ce0e/original/Turbo-PMAC2-Eth-Ultralite-Hardware-Reference-Manual.pdf
PMAC and PMAC2 Software Manual	https://assets.omron.com/m/294eaa2fb9cfb1c1/original/PMAC-and-PMAC2-Software-Manual.pdf