

YOUR SHIP HAS COME IN!

Turbo PMAC Clipper



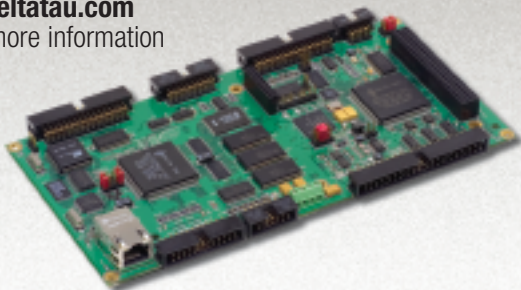
Delta Tau, the technology leader in multi-axis programmable motion control solutions, is proud to announce the Turbo PMAC Clipper, a feature-filled, highly cost-effective multi-axis controller. Based on the Turbo PMAC2 CPU, the Turbo PMAC Clipper provides a single board with four axis servomotor or stepper motor control with 32-digital I/O points and choice of Ethernet or RS232 communication ports. It is easily expandable to eight axes with a small daughter board.

By combining multiple functions such as motion control, high-speed communication and I/O management on a low cost single board, the Clipper controller substantially improves performance and reduces overall cost per application.

On a single board, high performance features as:

- 4 axes of simultaneous control (with as little as 0.1 ms update time), expandable to 8 axes
- All axes independent or coordinated in any combination
- Multitasking of up to 16 motion programs and 64 asynchronous PLC programs
- Easy-to-use, high-level programming language
- Linear, circular, rapid, B-spline, Hermite-spline interpolation modes
- True S-curve accel/decel for jerk-limited profiles
- Dynamic multi-move lookahead for robust acceleration control
- Coordinate system translation and rotation, 2D and 3D
- Embedded forward and inverse kinematics routines for Non-Cartesian geometries
- Tool-radius compensation
- Hardware position capture and compare circuits for high precision

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for more information



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