

BRAVO MOTOR CONTROLLER

2 Channel Brushless/Stepper DC Motor Controller



Features:

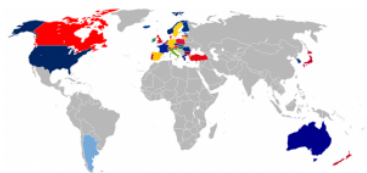
Dual Axis Motor Controller Card
Supports 3-Phase BLDC or 3-Phase Stepper Motors
Hall Sensor Commutation
PID Velocity & Position Loops (BLDC)
Standard Full and Half Stepping Modes (Stepper)
Modes (Stepper)
RS-422 Communication
Radiation: Total Ionizing Dose 100Krad
20V – 40V Operations
Up to 3A continuous (90W) per Axis
Compact Form Factor: 75mm x 100mm
Accepts Quadrature Encoders
Resolver Commutation and Feedback (custom option)
Open Loop PWM Drive (BLDC)
I/O port for configurable digital interfaces
Telemetry: Motor Current, Bus Voltage, Board Temperature
User Defined Telemetry (External): 8 analog channels
Operating Temp: +85°C to -55°C operations

Product Description:

Motiv's Bravo motor controller is a flexible 2 channel controller capable of operating both Stepper and Brushless DC motors. The compact size and simplified power and commanding interfaces allows for unprecedented packaging and operational flexibility.

Sample Applications:

Gimbals, Robotics, Instrument Mechanisms, Filter Wheels, Focus Mechanisms, Positioners, Cryo Coolers, etc.



Export Restrictions:

Export of the Echo Motor Controller is controlled under Export Control Classification Number (ECCN) 9A515.x and is available for sale in the countries listed in Group A:5 (depicted above).