External Connections

Motor #1
- TR1
- TBK1
- TO1
- TB1* TW1 TG1*
- *Swap These Connections if Motor Direction Wrong

Motor #2
- TR2
- TBK2
- TO2
- TB2* TW2 TG2*
- *Swap These Connections if Motor Direction Wrong

Overcurrent Protection (2.5A)
- TSP
- TCB

Power Inlet (Kycon KPJ-4S)
- 1 & 2 Common
- 3 & 4 +24VDC
- Ring Chassis Gnd (Shell on JU & JRS Also Chassis)

DC24V 2.5A

RS-232

I/O

Motor1 - Limit
- TLN1
- TC4

Motor1 + Limit
- TLP1
- TC3

Motor2 - Limit
- TLN2
- TC2

Motor2 + Limit
- TLP2
- TC1

VXM Stepping Motor Controller
Supplement for Board Level VXM

Document # VXM-OEM 7-12-06
Location of Power Devices on PCB

Required Heat Sink Area: 20 square inches (129 square cm) / Amp
Specifications

Model # VXM-2-BRD
(VXM controller board for two motors, without cables, with full factory burn in / test, less heat sink, power switch, or over current protection)

Size: 3.92" x 6.23" x 1.50" (99.57 mm x 158.22 mm x 38.1 mm) (Width x Length x Height)

Voltage requirement: 17 to 25 VDC

Current requirement: 2.5 Amp Max.

Required Heat Sink Area: 20 square inches (129 square cm) / Amp

Power Inlet Connector: Kycon KPJ-4S (Mates with KPPX-4P on external power supply cable)

Motor, Limit, and Overcurrent Protection Connectors: Keystone Electronics # 1211 (0.110" Quick Fit Terminals) (Mates with Amp # 60894-1 or equal on cable)

Refer to VXM Stepping Motor Controller User’s Manual for more information

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