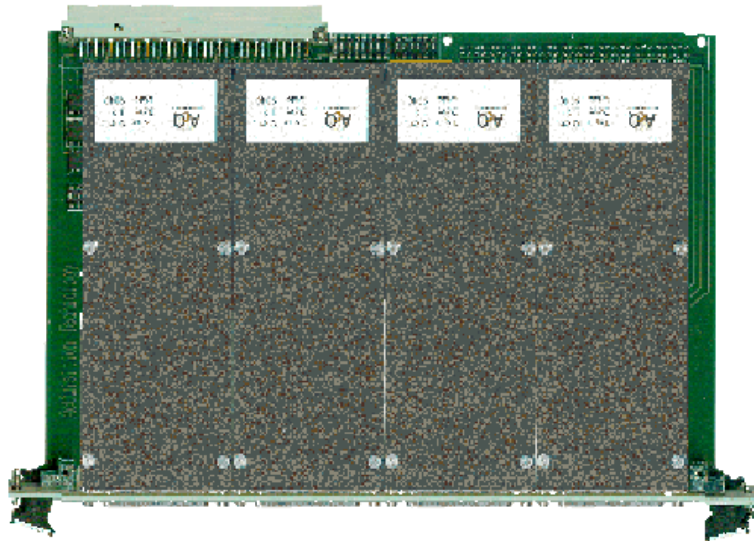


VME322

Stepper Motor Controller for VMEbus



The VME322 Intelligent Stepper Motor Controller is designed to drive up to eight external Amplifiers. This is an ideal solution for all applications where stepper motors must be controlled with a maximum of flexibility and a minimum of overhead. Local processors handles all high-level commands to provide maximum control for both straightforward as very complex applications. This VMEbus board has a 6U form and is also available as 3U VMEbus board.

Features:

- > A08/D16 M-module with Identification EEPROM
- > Controls up to eight external stepper motor amplifiers independently
- > Firmware compatible with VME321 intelligent stepper motor controller with on-board amplifiers.
- > Interrupts on position breakpoint, trajectory complete and command complete
- > Optical isolated RS422 interface with on-board isolated power supply
- > Step, direction and three general purpose signals available per channel
- > One home sensor input per channel (optical isolated)
- > Step-rates up to 50kHz
- > Programmable acceleration from 50Hz/sec to 5,000kHz/sec.

VMEbus Interface

- * The VMEbus slave interface of the VME322 is compliant with the VMEbus Specification Rev C.1.
- * It supports standard or short addressing (A24/A16), D16/D08(E0) data transfer capabilities and configurable interrupt level (I(x)).

Controller

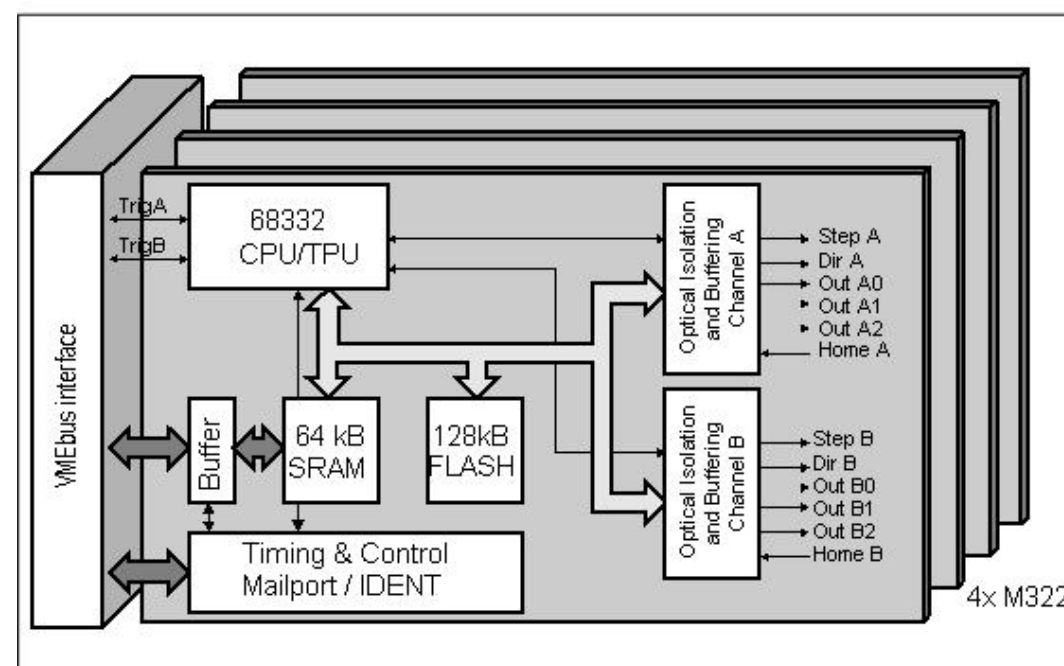
- * Quad MC68332 execute local software
- * Very flexible and versatile software interface
- * Autonomous control over complex tasks

Output Drivers

- * All signals on the VME322 are industrial (open-Collector, 28V/20mA)
- * Step- and direction are RS422 buffered for noise immunity
- * For enhanced external amplifier control, twelve general purpose outputs and four home-inputs are available

Ordering Information

- * **VME1322/T01** 3U Stepper motor controller for external amplifiers
- * **VME322/T01** 6U 8-channel stepper motor controller for external amplifiers
- * **VME(1)322/SW** APIS based software for VME322
- * **VME(1)322/MAN** manual on paper



AcQ International BV
Alanenweg 6
5342 PV OSS
The Netherlands

Phone +31 (0)412 64 19 22
Internet www.acq.nl
E-mail info@acq.nl

vme322_v3_ds