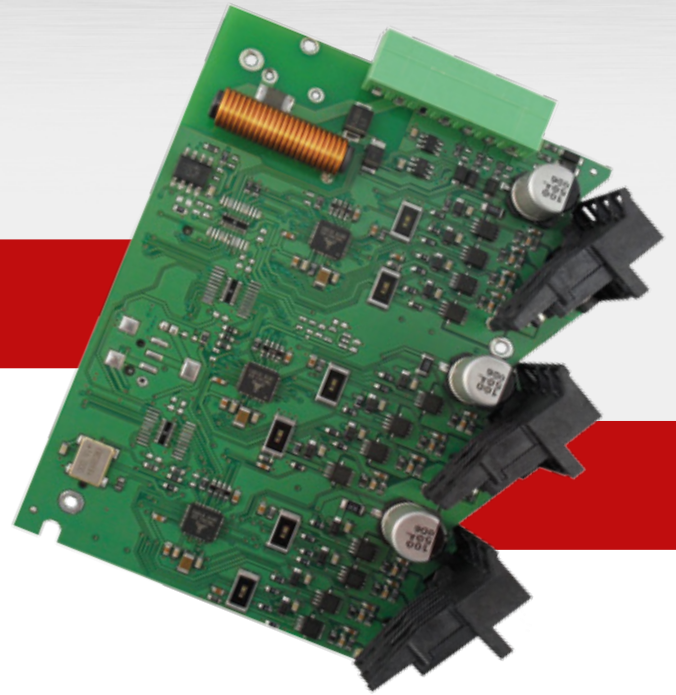




piA-Motor



Features

- Expansion card for piA-AM3505/17 or piAx-AM3517
- Integrated interface for stepper motors
- M2M GSM-Interface
- 3 x Limit Switches
- Additional digital IOs and I²C connectors
- Power Supply 24V/6A

Overview

The expansion card piA-Motor extends the functionality of the single-board computers piA-AM3505/17 and piAx-AM3517 by 3 independent channels for unipolar and bipolar stepper motors.

piA-Motor uses an energy-efficient Trinamic's micro-step driver and is able to resolve up to 256 micro steps per a full step. piA-Motor is based on the newest technologies in the field of stepper motor controllers, i.e. coolStep™ and stallGuard2™ technology (© Trinamic).



Details

piA-Motor

Expansion for	piA-AM3505 piAx-AM3517
Driver	Trinamic Stepper Motor Driver
Digital I/O	3 x Sinking Input (24V tolerant)
Power	3.3V / 0.7A via base board connector 24V / 6A Connector
Temperature Range	-10°C - +70°C
Enclosure	CH20M 45, IP20 (top-hat rail housing)
Software	Linux Drivers (Kernel 2.6.37) Development Libraries for integrated components