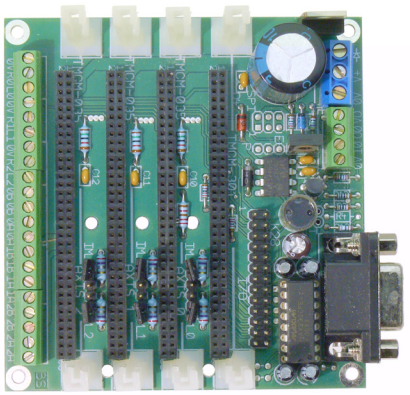


BB-301

**Baseboard
for one TMCM-301/TMCM-341
and up to 3 TMCM-035**

INFO

The BB-301 baseboard is designed for the TMCM-301 or TMCM-341 stepper controller to operate with up to three TMCM-035 power drivers. It provides a very small and cost effective solution for a motion control application for up to three size 57 mm stepper motors.

All motor, switch and power lines are accessible via screw terminals. For the general purpose I/Os there is a dual-in-line pin connector. The integrated switch-mode regulator provides the required 5V supply voltage for the modules. The supply voltage input is protected against wrong polarity. The integrated level shifter enables direct connection to a PC or host controller via different interfaces.

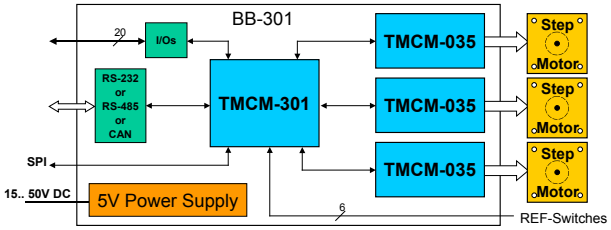
MAIN CHARACTERISTICS

ELECTRICAL DATA
- 15V to 50V DC supply voltage

INTERFACE
- all options of the TMCM-301 are supported, additionally a USB interface type is available
- 6 x limit switch,
  8 general purpose digital/analog in,
  8 general purpose digital out

FEATURES
- 1 slot for the TMCM-301/TMCM-341 motion control module
- 3 slots for TMCM-035 power drivers
- 16 times microstepping for the motors
- integrated 5V power supply
- protection: overvoltage suppressor and inverse polarity

OTHER
- screw terminal connectors for I/O signals
- RoHS compliant
- size: 90 x 87 mm², 60 mm height



ORDER CODE	DESCRIPTION
BB-301 (-option)	Baseboard for TMCM-301/TMCM-341 + 3x TMCM-035
OPTIONS	
232	RS-232 interface
485	RS-485 interface
CAN	CAN interface
USB	USB interface (on request)