

BB-301

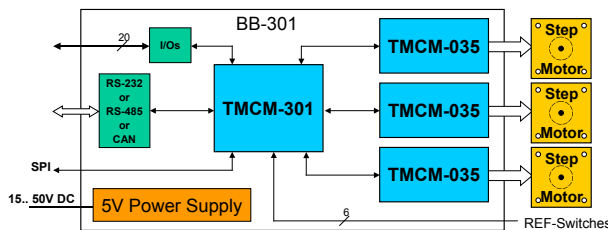
**Baseboard
for one TCMC-301/TCMC-341
and up to 3 TCMC-035**

INFO The BB-301 baseboard is designed for the TCMC-301 or TCMC-341 stepper controller to operate with up to three TCMC-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 TCMC-301 are supported, additionally a USB interface type is available
- FEATURES**
 - 6 x limit switch, 8 general purpose digital/analog in, 8 general purpose digital out
 - 1 slot for the TCMC-301/TCMC-341 motion control module
 - 3 slots for TCMC-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 TCMC-301/TCMC-341 + 3x TCMC-035
OPTIONS	
232	RS-232 interface
485	RS-485 interface
CAN	CAN interface
USB	USB interface (on request)