

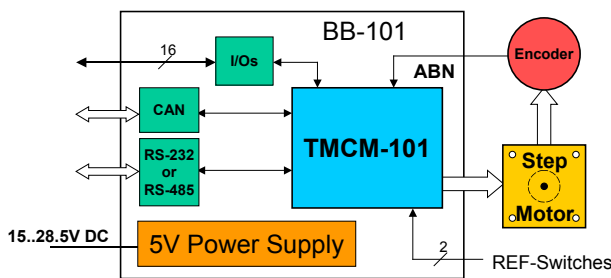
BB-101

Baseboard
for TCMC-101

INFO The BB-101 is designed for the TCMC-101 single axis 2-phase stepper motor controller and driver module with encoder interface. This encoder feedback makes it an optimum solution for high-reliability closed loop drives. The BB-101 gives easy access to all important signals of the TCMC-101. Motor connection, power supply and limit switches are accessible via screw terminals while encoder connection and the I/Os of the TCMC-101 have 2 row RM2.54 industry standard connectors. The integrated switch-mode regulator provides the required 5V supply voltage for the TCMC-101. Thus only one power supply is required. The integrated level

MAIN CHARACTERISTICS

- ELECTRICAL DATA**
 - 15V to 28V DC power supply
 - up to 3A coil current RMS (4.2A peak)
- INTERFACE**
 - RS-232 (optionally RS-485, CAN)
 - 2x limit switches, all 16 general purpose analog or digital I/Os of the TCMC-101 supported
 - local input
- FEATURES**
 - 1 slot for TCMC-101 closed loop motion control and driver module, 3A / 28V
 - up to 64 times adjustable microstep resolution
 - integrated 5V power supply
 - stallGuard™ for reference search
- OTHER**
 - screw terminal connectors for power supply, motor and reference switch connection
 - RoHS compliant
 - size: 80 x 60 mm²
with TCMC-101 plugged in:
80 x 130 mm²



ORDER CODE	DESCRIPTION
BB-101 (-option)	Baseboard for TCMC-101
OPTIONS	
232	RS-232 / CAN interface
485	RS-485 / CAN interface