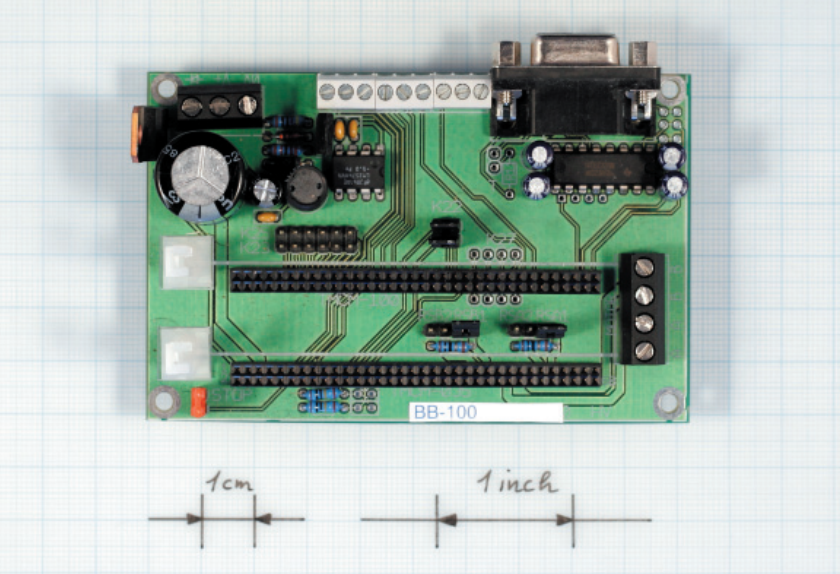
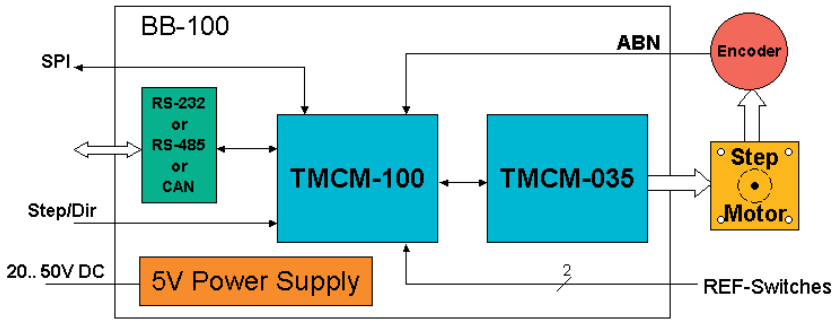



# BB-100

## Baseboard for 1x TMCM-100 + 1x TMCM-035

The BB-100 is designed for the TMCM-100 sophisticated stepper controller to control a TMCM-035 (SG) driver. All important signal and power lines are accessible via screw terminals. The integrated switch-mode regulator provides the required 5V supply voltage for the modules. The integrated level shifter enables direct connection to a PC via RS-232 cable (RS-485 or CAN optionally).




**Features**

- 1 slot for the TMCM-100 motion control module and one slot for a TMCM-035 power driver
- 256 microstep motor driver resolution
- integrated 5V power supply
- protection: Overvoltage suppressor and inverse polarity

**Electrical data**

- 15V to 50V DC supply voltage

**Interface**

- all options of the TMCM100 are supported
- 2 x limit switch,
  4 general purpose digital/analog in,
  4 general purpose digital out

**Others**

- screw terminal connectors for I/O signals
- size: 100x65mm², 60mm height

| ORDER CODE | DESCRIPTION |
|---|---|
| BB-100 (-option) | baseboard for TMCM-100 & TMCM-035 |
| OPTION | |
| - 232 | RS-232 Interface (standard) |
| - 485 | RS-485 interface (on request) |
| - CAN | CAN interface (standard) |

For further detailed information and datasheets please refer to our website http://www.trinamic.com.