

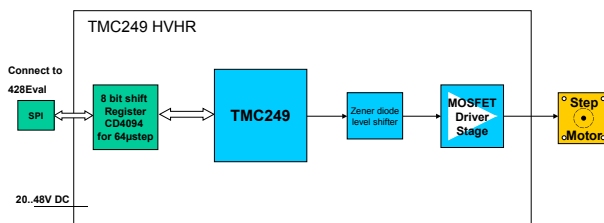
# TMC249-HVHR

Evaluation Board for TMC249 with High Voltage and High Resolution

**INFO** The TMC249-HVHR is an add on-board for the TMC428A-EVAL, which demonstrates operation of the TMC249 with an increased voltage of up to 45V and add-on circuitry for 64 microsteps.

### MAIN CHARACTERISTICS

- FEATURES**
  - 64 times microstepping via SPI
  - sensorless stall detection stallGuard™
- INTERFACE**
  - SPI and analog signals on connectors
- ELECTRICAL DATA**
  - 0.7A / 1.4A RMS coil current
  - 20V to 45V motor supply voltage
  - 3.3V or 5V operation for digital part
  - power supply 12V to 30V DC
- OTHER**
  - RoHS compliant



ORDER CODE	DESCRIPTION
TMC249-HVHR	High voltage / high resolution evaluation board for TMC249 as an add-on for TMC428A-EVAL (incl. 10 pin cable)