STEPPER MOTOR 8 X LOW SIDE DRIVER E910.01

Features

- Supply voltage range VDD 4.5V to 5.5V
- Low standby current (typ. < 1µA)
- SPI compatible interface to µC
- Addressing modes: daisy chain and chip select
- Output status detection
- 8 high current outputs
  (R_{ON} typ. 1.5Ω / I_{max} = 350mA)
- Wide output operating voltage range
  (5.5 to 25.5V)
- Output open/short circuit detection
- Thermal overload protection
- Operating temperature range –40°C to +125°C
- SOIC 20 package or QFN 5x5 20Ld package

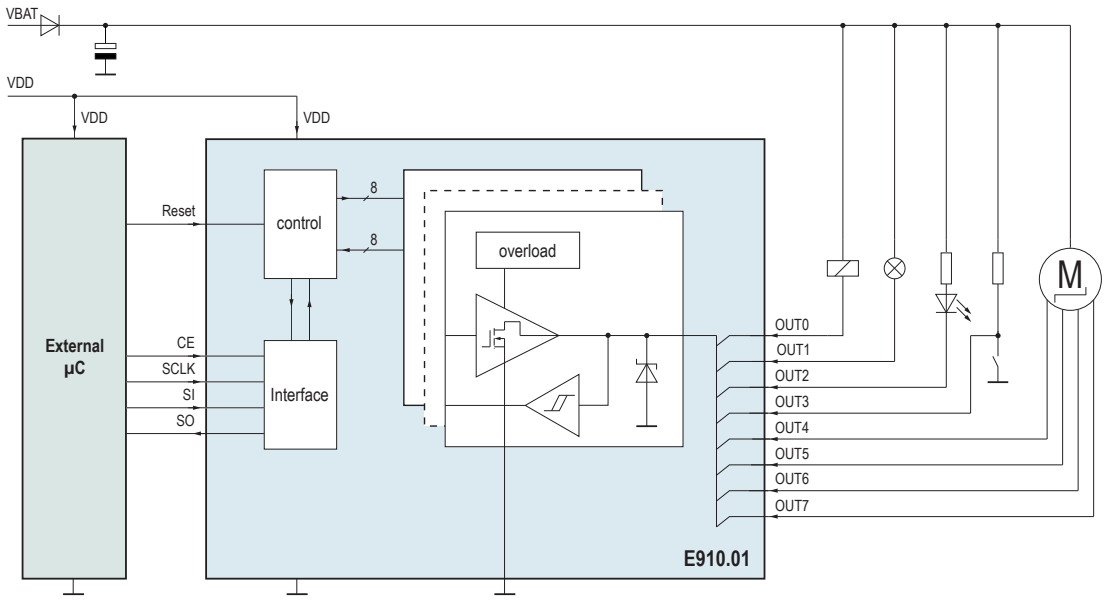
Applications

- Relays
- Lamps / LEDs
- DC and stepper motors

General Description

The IC is developed for automotive applications and can also be used in several other application areas. The IC is well suited to drive relays, lamps, bus systems etc. with medium power consumption.

The device provides a serial data bus for communication with a µC and 8 identical power drivers. All outputs are short circuit protected. A thermal shut off protects the device against thermal overload. Read back capability enables fault detection as well as simple switch monitoring.



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