



# Octal Serial Switch with SPI

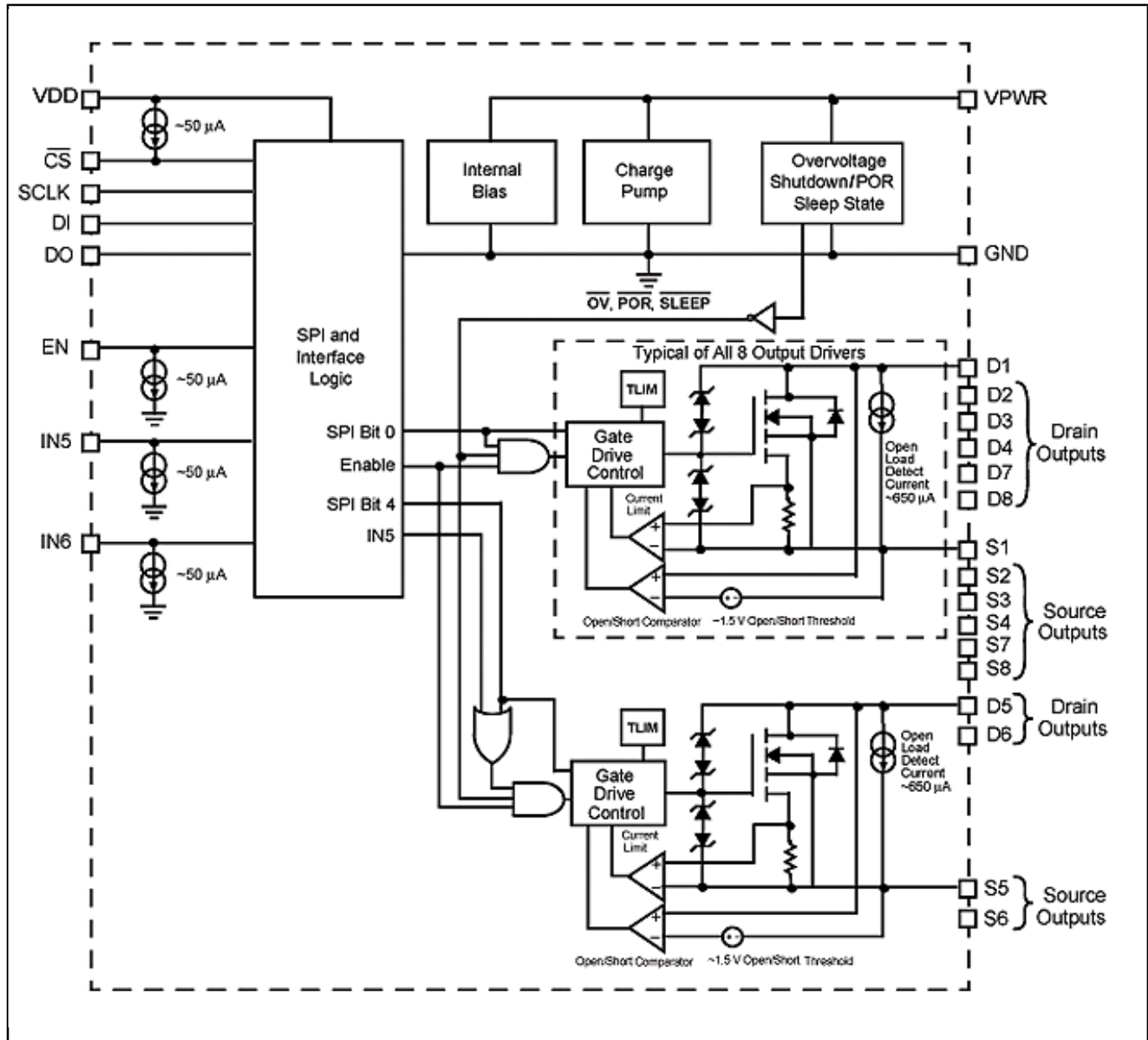
## MC33880

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The NXP® MC33880 is an 8-output hardware configurable high side/low side switch with 8-bit serial input control using the serial peripheral interface (SPI).

- Two of the outputs can be controlled directly via MCU for pulse-width modulation (PWM) applications
- Controls various inductive or incandescent loads by directly interfacing with a MCU
- Innovative monitoring and protection features include very low standby currents, “cascadable” fault reporting, internal 40 V output clamping for low side configurations, internal -20 V output clamping for high side configurations, output specific diagnostics, and independent shutdown of outputs.

# MC33880\_BD Block Diagram



View additional information for [Octal Serial Switch with SPI](#).

**Note:** The information on this document is subject to change without notice.