



# Engine Control Integrated Circuit

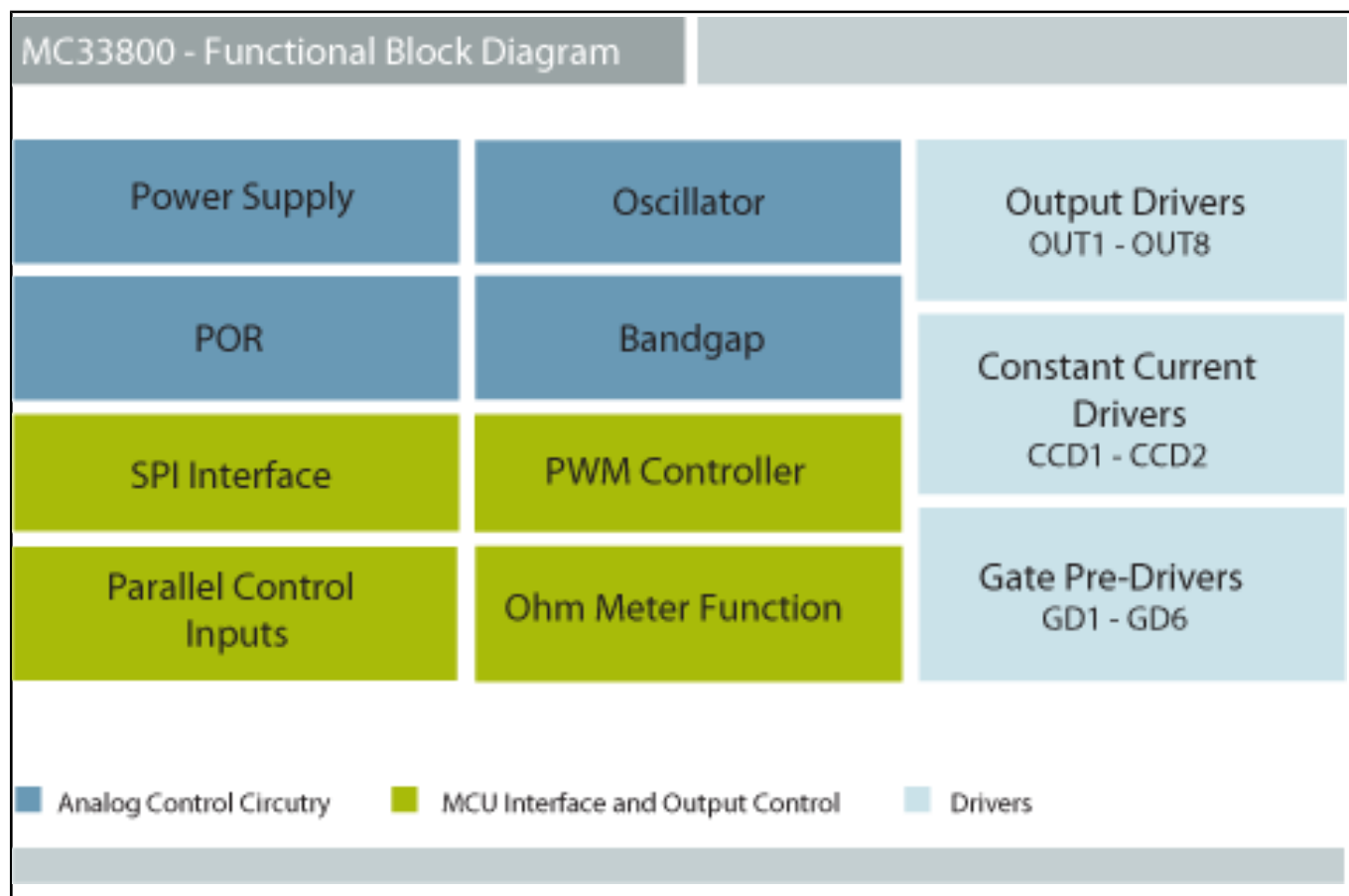
## MC33800

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The NXP MC33800 is a combination output switch and driver IC that is ideal for numerous powertrain engine control applications.

- Contains two programmable constant current drivers (CCD), an octal, low-side, serial switch (OSS) and six, external MOSFET gate predrivers (GD)
- Overvoltage, undervoltage and thermal protection
- All drivers and switches, including the external MOSFETs, have overcurrent protection, off-state open load detection, on-state shorted load detection and fault annunciation via the SPI
- Cost-effective packaging

## NXP MC33800 Low Side Switch Block Diagram Block Diagram



View additional information for [Engine Control Integrated Circuit](#).

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

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