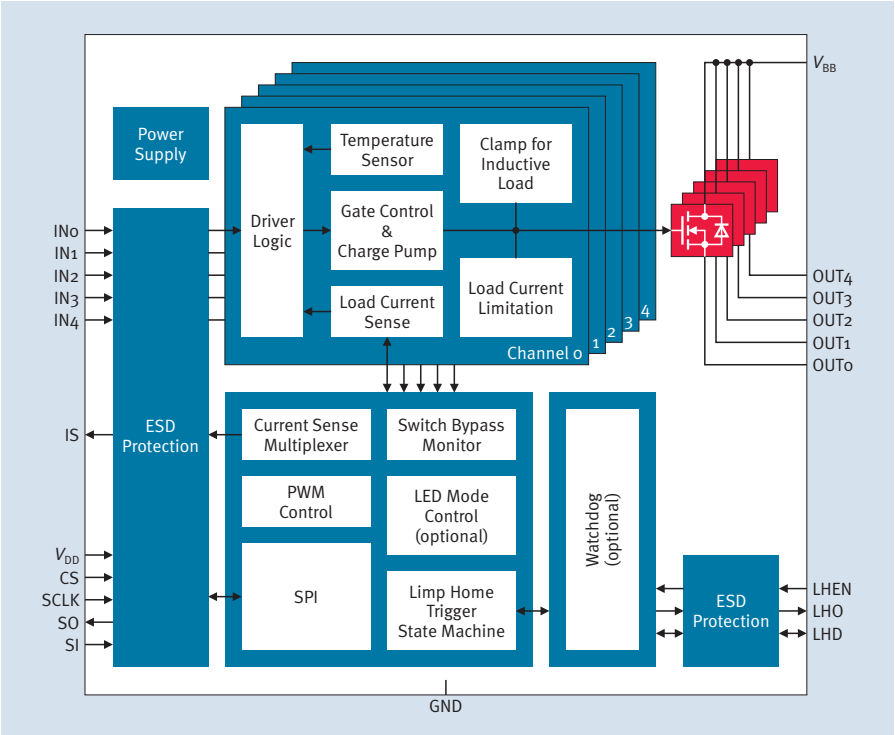
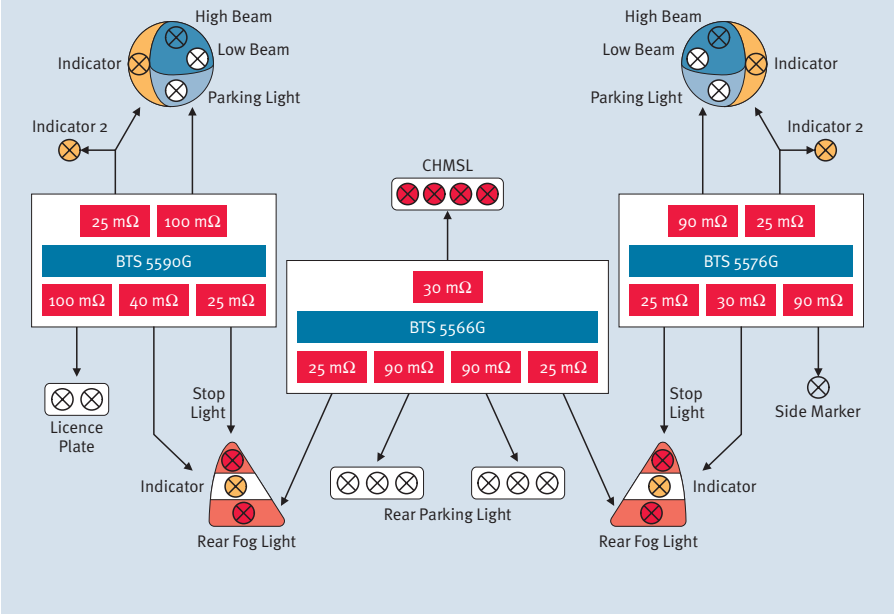
Block Diagram



- SPOC are five channel high-side power switches designed with load current sense and limitation, clamping for inductive loads, temperature sensor protection
- There is a multiplexed current sense signal available. The current sense ratio of each channel is designed for the nominal load current
- An 8 bit SPI interface is used for control and diagnosis, and provides daisy chain capability. A modulo 8 counter is integrated to ensure correct data transmission
- Inputs/outputs are ESD protected

Application Example



- High-side power switch for 12 V grounded loads in automotive application
- Especially designed for standard exterior lighting: tail light, stop light, parking light, license plate, rear fog light, indicators and equivalent LEDs

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