



# 12 V Automotive Exterior Lighting Multi eXtreme Switch

## MC12XS3

### Archived

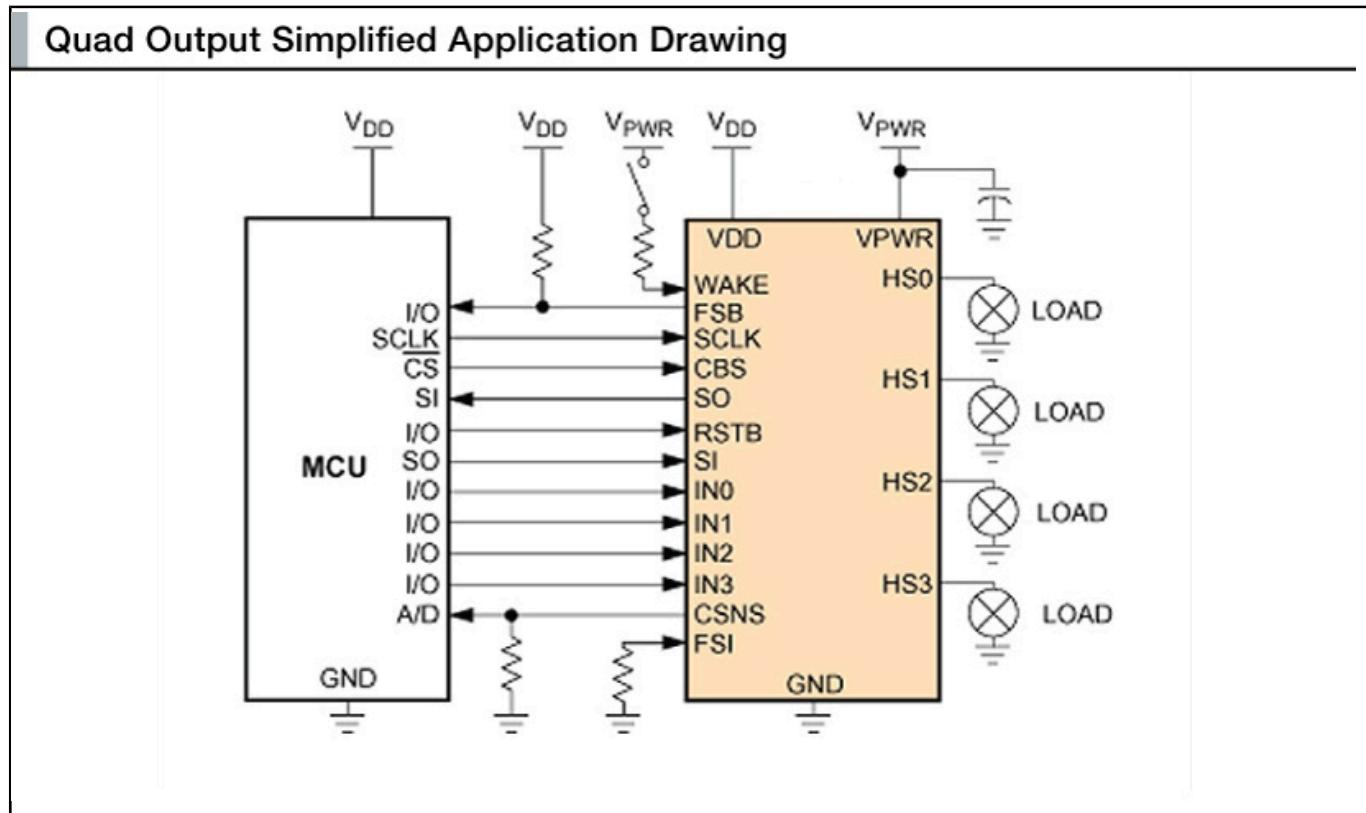
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The NXP 12XS3 eXtreme Switch Generation 3 12 V devices are SPI-controlled smart high side switches providing diagnostics for the switch, light source and wiring harness, as well as comprehensive fault management and control of the loads without complex software.

- Programmable multi-step latched overcurrent shutdown protection
- Minimizes the thermal stress within the device during an overload condition, reducing the junction temperature rise and improving reliability
- Packaged in a PQFN package and a SOICW-EP package
- Low RDS(ON) and large integration enable savings in module size, power dissipation and total system cost

## Quad Output Simplified Application Drawing Block Diagram



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