

76V INPUT, LOW-QUIESCENT-CURRENT, 2A BUCK CONVERTER HAS INTERNAL SWITCH

**Small Footprint—6x Smaller than Competitor's TO-220 and
4x Smaller than Competitor's TO-263**

Eliminates the Need for MOVs or TVSs

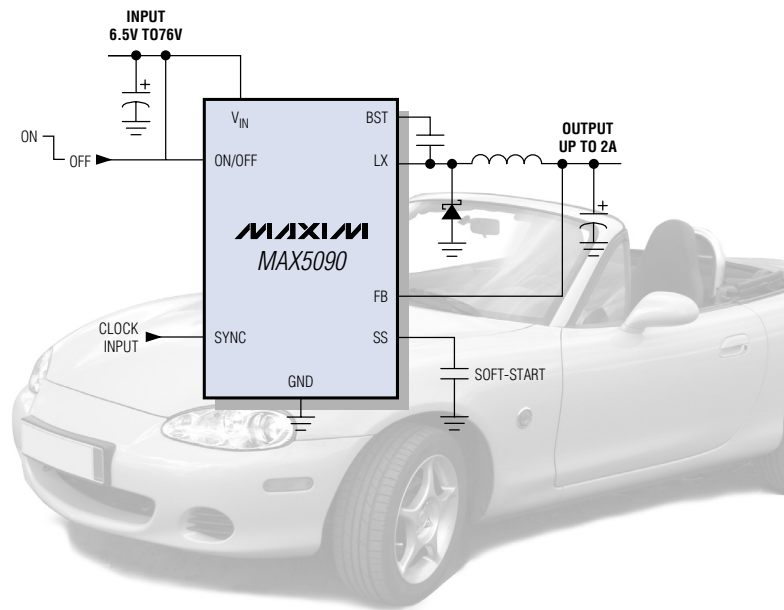
- ◆ Wide, 6.5V to 76V Input-Voltage Range
- ◆ Withstands Up to 80V Automotive Load Dump

Designed for Harsh Automotive Environments

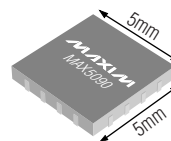
- ◆ Guaranteed Operation Over -40°C to $+125^{\circ}\text{C}$ Junction-Temperature Range
- ◆ Hiccup-Mode Short-Circuit Protection Keeps Device Cool
- ◆ Thermal Shutdown and Short-Circuit Current Limit

High Performance

- ◆ High 92% Efficiency at Full Load
- ◆ Low $310\mu\text{A}$ Quiescent Current at No-Load
- ◆ Low $19\mu\text{A}$ Shutdown Current



**HIGH-POWER-DISSIPATION,
16-LEAD TQFN PACKAGE
WITH EXPOSED PAD**



**TINY TQFN PACKAGE
HANDLES 2.7W OF
CONTINUOUS POWER
DISSIPATION***

*At 70°C per JEDEC 51 Standard (derate $33.3\text{mW}/^{\circ}\text{C}$ above $+70^{\circ}\text{C}$ ambient).

MAXIM

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