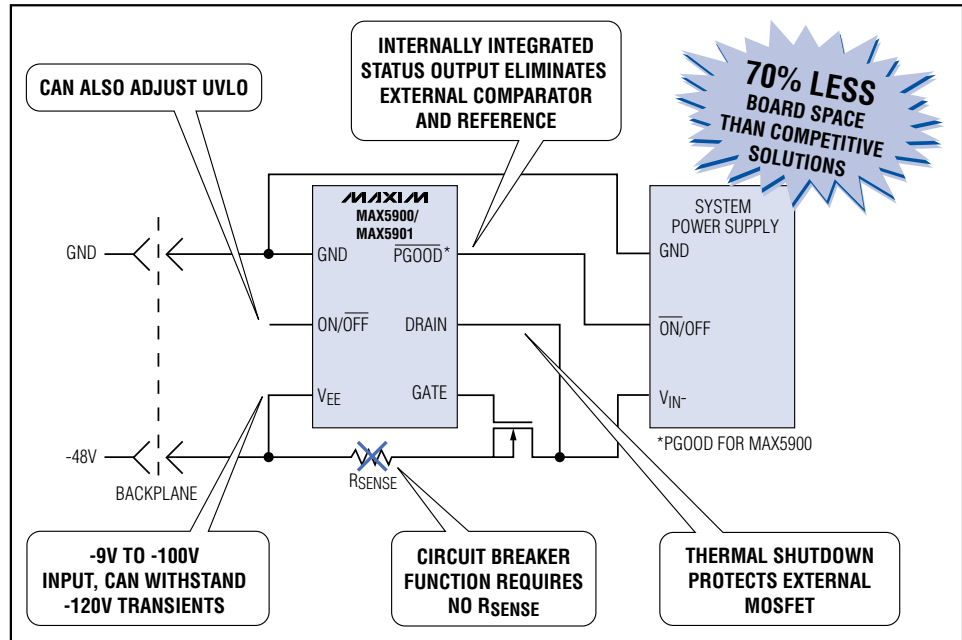
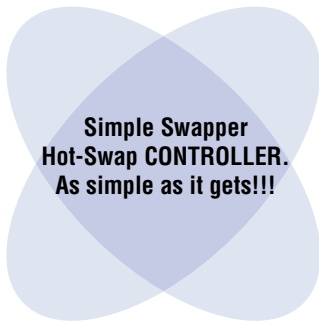


# WORLD'S SMALLEST -100V HOT-SWAP CONTROLLER

Simple Swapper™ in a SOT23 Package Requires No External Sense Resistor



## Four Reasons Why The MAX5900/MAX5901 Are Your Best Choice!

- 1) **SIMPLEST AND SMALLEST DESIGN**
  - ◆ Require Only One External Component (N-CHANNEL MOSFET)
  - ◆ Require No External Sense Resistor
  - ◆ Small 6-Pin SOT23 Package
- 2) **HIGHEST RELIABILITY**
  - ◆ Limit Inrush Current
  - ◆ Circuit Breaker Function Disables MOSFET During Overcurrent Condition
  - ◆ Thermal Shutdown Protects External MOSFET
  - ◆ Operate Over Extended -40°C to +85°C Temperature Range
- 3) **HIGHEST INTEGRATION**
  - ◆ Power Good Output Monitors System Status
  - ◆ ON/OFF Control Input
  - ◆ Built-In Undervoltage Lockout (UVLO)
- 4) **FLEXIBILITY OF DESIGN**
  - ◆ 200mV, 300mV, or 400mV Circuit Breaker Thresholds Allow Wide Choice of External MOSFET or Load Current
  - ◆ Choice of Auto-Retry or Latched Fault Management
  - ◆ Power-Supply Sequencing (Use ON/OFF Pin)
  - ◆ Programmable UVLO Threshold (Use ON/OFF Pin)

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