

# BEST OR-ING FET CONTROLLERS FOR SERVER, NETWORK, AND SILVER BOX N + 1 REDUNDANT SUPPLIES

**New**—MAX8555 Now Works for Bus Voltages Down to 0.5V

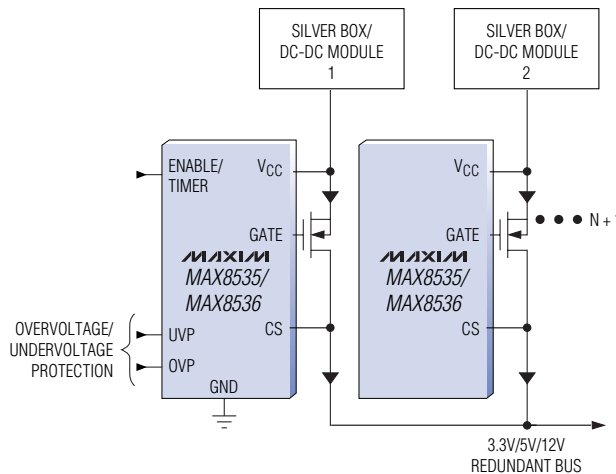
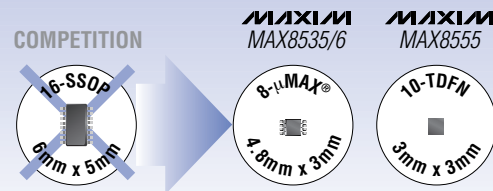
## Beats Schottky Diodes

- ◆ 80% Lower Power Dissipation Improves Efficiency, Eliminates Heatsinks
- ◆ Overvoltage and Undervoltage Protection Improves Reliability
- ◆ Enable Input and Fault Signal Output Simplify Sequencing and Monitoring for System Power Management
- ◆ Timer Provides Soft-Start

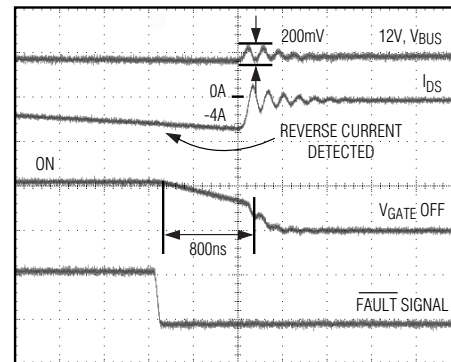
Part	Bus Voltage (V)
MAX8535	12
MAX8536	3.3, 5
MAX8555*	0.5 to 3.3

## Beats Competitors' OR-ing Controllers

- ◆ Five Times Faster Reverse-Current Protection Improves Bus Voltage Integrity (0.8 $\mu$ s vs. 5 $\mu$ s)
- ◆ Eliminates Extraneous Functions and Saves Cost
- ◆ 50% Smaller Package Saves Space



## MAX8535/6 ISOLATES REVERSE CURRENT FAULT IN 800ns AND PRESERVES 12V SYSTEM BUS INTEGRITY



The MAX8535/6 reacts within 400ns to a short-circuit fault on a 3.3V/5V bus. Bus ripple is limited to just 200mV<sub>p-p</sub> on a 12V bus.

$\mu$ MAX is a registered trademark of Maxim Integrated Products, Inc.  
\*Requires bias supply of 3V to 5.5V, or 8V to 13.25V.



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