

# SMALLEST DUAL, 300mA, LOW-DROPOUT LINEAR REGULATOR HAS INDEPENDENT SHUTDOWNS

The MAX8559 is the first, and smallest, dual 300mA LDO regulator available. It operates with only 180mV of dropout at 300mA output to give long battery life for handheld appliances. It features 32 $\mu$ V<sub>RMS</sub> low-noise outputs and high 70dB PSRR for use in RF systems.

## MAX8559 REQUIRES LESS THAN 50% OF THE COMPETITION'S SPACE



Also Available in 8-Bump UCSP™ (2mm x 1mm)

- ◆ 300mA Output Current for Each LDO
- ◆ Ultra-Low 60mV Dropout at 100mA
- ◆ 32 $\mu$ V Low Noise Output
- ◆ 70dB PSRR
- ◆ 1.5V to 3.3V Factory-Preset Output
- ◆ 2.5V to 6.5V Input Voltage
- ◆ Small Ceramic Output Capacitors
- ◆ Thermal-Overload and Short-Circuit Protection
- ◆ Priced at \$0.73<sup>†</sup>
- ◆ EV Kit Available

<sup>†</sup>1000-up recommended resale. Prices provided are for design guidance and are FOB USA. International prices will differ due to local duties, taxes, and exchange rates. Not all packages are offered in 1k increments, and some may require minimum order quantities. UCSP is a trademark of Maxim Integrated Products, Inc.

# MAXIM

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