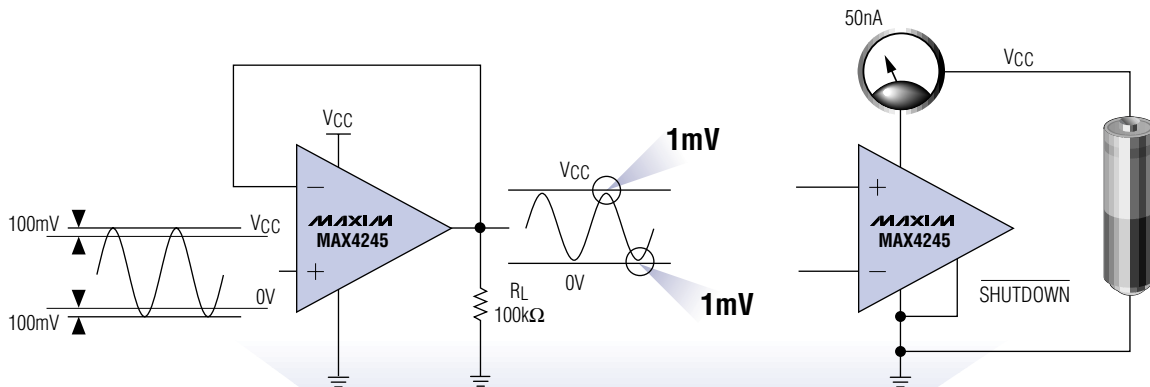
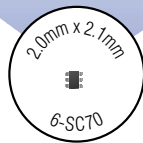


# FIRST RAIL-TO-RAIL I/O OP AMP WITH SHUTDOWN IN TINY 6-PIN SC70

**MAX4245 Offers Inputs Beyond 100mV of the Rails,  
Output Swing to Within 1mV of the Rails, and 50nA Shutdown Current**



- ◆ Rail-to-Rail® Outputs
- ◆ Beyond-the-Rails™ Input
- ◆ No Phase Reversal with Overdriven Inputs
- ◆ Drives 2kΩ to within 35mV of the Rails
- ◆ Shutdown Function
  - ◆ Conserves System Battery Life
  - ◆ Soft Start Ramp When Activated
  - ◆ Supply Current Drops to 50nA
- ◆ 6-Pin SC70—Half the Size of a SOT



PART	NO. OF OP AMPS	GBWP (MHz)	V <sub>CC</sub> (V)	V <sub>IN</sub> (V)	I <sub>CC</sub> (μA)	SHUTDOWN	PIN-PACKAGE	PRICE (\$)*
MAX4245	1	1	2.5 to 5.5	-0.1 to V <sub>CC</sub> +0.1	320	Yes	SC70/SOT	0.49
MAX4246/47	2	1	2.5 to 5.5	-0.1 to V <sub>CC</sub> +0.1	320	No/Yes	SOT/μMAX	0.61/0.67

Beyond-the-Rails is a trademark of Maxim Integrated Products.  
Rail-to-Rail is a registered trademark of Nippon Motorola, Ltd.  
\*1000-up recommended resale, FOB USA.



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