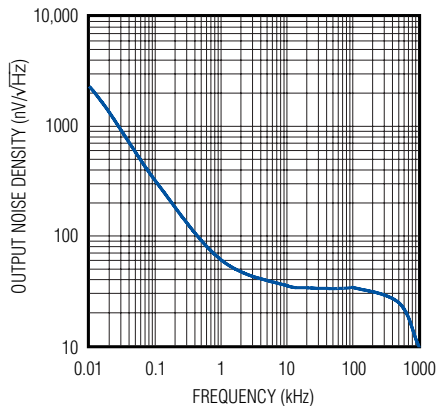


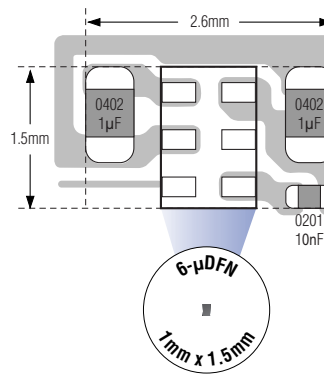
# SMALLEST, ULTRA-LOW-NOISE, 150mA LINEAR REGULATOR FITS IN ONLY 1.5mm<sup>2</sup>

Advanced Noise Reduction Results in Only 11µV<sub>RMS</sub> of Output Noise

## ULTRA-LOW-NOISE PERFORMANCE



## SMALLEST SOLUTION—3.9mm<sup>2</sup>



## SMALLEST 11µV LDO

- ◆ Tiny 1mm x 1.5mm x 0.8mm, 6-Pin µDFN Package
- ◆ 78dB PSRR at 1kHz
- ◆ Low 40µA Ground Current
- ◆ 120mV Dropout at 120mA
- ◆ Adjustable or Fixed Output Voltage

Part*	Features	Applications	RoHS Compliance	Price† (\$)
MAX8840ELTxy+T	Lowest output noise, fixed-voltage options	RF, camera, PA bias supplies	✓	0.54
MAX8841ELTxy+T	Fixed-voltage options	Core, logic, memory supplies		
MAX8842ELT+T	Adjustable output voltage	Any low-power portable equipment		

\*xy is the output voltage code. Options available include 1.5V, 1.8V, 2.5V, 2.6V, 2.7V, 2.8V, 2.85V, 3.0V, 3.1V, and 3.3V. Refer to the MAX8840 data sheet for more information.  
 †2500-up recommended resale FOB USA. Price provided is for design guidance and is 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.



[www.maxim-ic.com/MAX8840-info](http://www.maxim-ic.com/MAX8840-info)

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