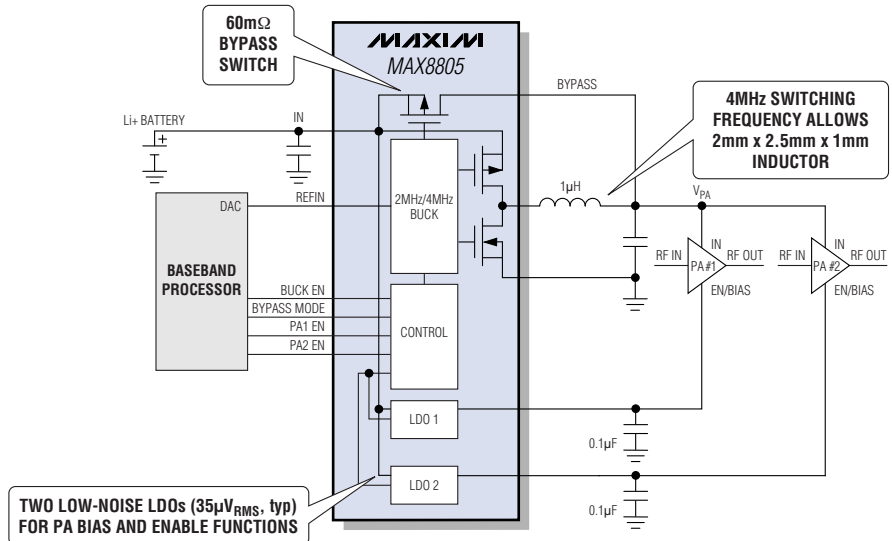
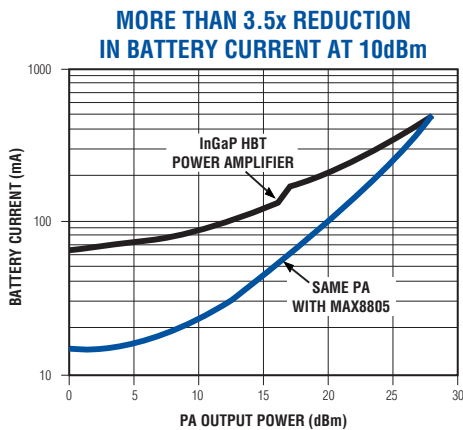


# IS YOUR WCDMA PA BUCK CONVERTER BIG ON SPACE, BUT SMALL ON POWER? GET 1.5A OF PEAK CURRENT FROM ONLY 4mm<sup>2</sup>



- ◆ Power and Bias for Two WCDMA or NCDMA PA Modules
- ◆ 2MHz/4MHz, 600mA PA Buck Converter
  - ◆ Integrated 60mΩ Bypass Switch
  - ◆ Dynamically Controlled Output Voltage
  - ◆ 7.5μs Settling Time for Full-Scale Change
  - ◆ ±2% Gain Accuracy
- ◆ Dual 200mA, Low-Noise LDOs
  - ◆ For PA Bias and Enable, or Other Noise-Sensitive Functions
  - ◆ 35μV<sub>RMS</sub> (typ) Output Noise, 70dB PSRR
  - ◆ Individual Enables
  - ◆ Multiple Voltage Options Available
- ◆ Tiny, 2mm x 2mm x 0.7mm WLP Package

Part	Switching Frequency (MHz)	Recommended Inductor (μH)	LDO Voltages* (V)	RoHS Compliant?	Price† (\$)
MAX8805YEWEAE+T	2	2.2	1.80, 2.85	Yes	1.75
MAX8805ZEWEAE+T	4	1	2.85, 2.85	Yes	1.75

\*Other LDO voltage options include 2.5, 2.7, 2.8, and 3.0V. Refer to the data sheet for more information.

†2500-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.



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