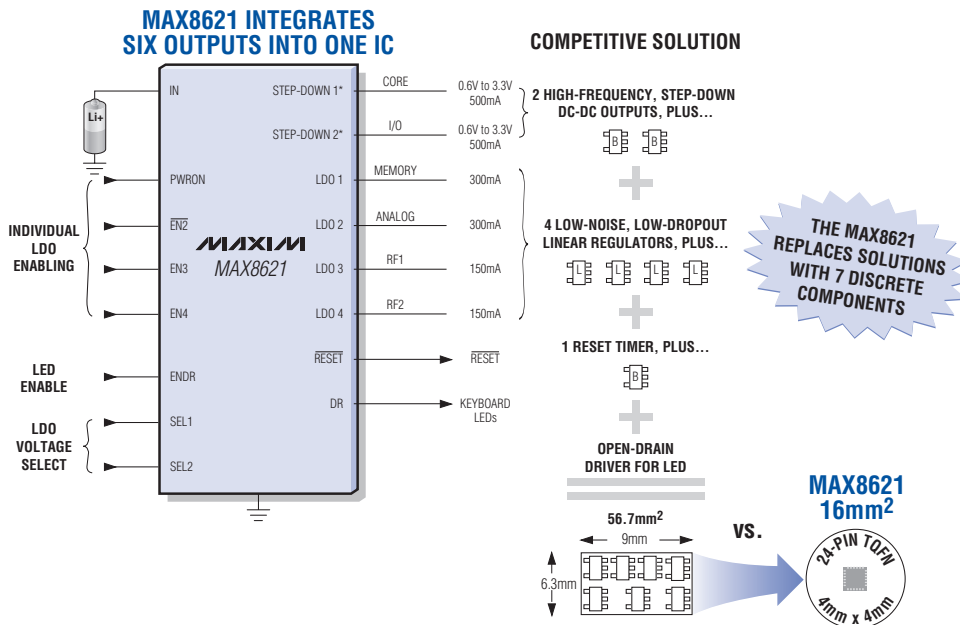


# 6-OUTPUT, SMARTPHONE POWER-MANAGEMENT ICs REDUCE FOOTPRINT BY 72%

## Simplify Designs of MSM™/OMAP™/Samsung Processor-Based Smartphones

The MAX8621Z/MAX8621Y micropower-management ICs are optimized for portables that require multiple supply voltages and demand high efficiency and reduced board space. The devices consist of two high-performance 4MHz step-down DC-DC converters, four low-dropout linear regulators (LDOs), a reset timer, and an open-drain driver in a 4mm x 4mm TQFN. The step-down DC-DC outputs are sequenced to ensure proper microprocessor startup, while the LDOs have individual on/off control for complete flexibility. The MAX8621Z/MAX8621Y directly replace discrete solutions without requiring the control software to be rewritten.



- ◆ 4MHz Step-Down DC-DC Uses 1μH Inductor
- ◆ Internal Synchronous Rectifier for Up to 92% Efficiency
- ◆ 45μV<sub>RMS</sub> Low-Noise LDOs
- ◆ Pin-Selectable LDO Output Voltages
- ◆ Internal Soft-Start for No In-Rush Current
- ◆ Evaluation Kit Available to Speed Designs
- ◆ Priced at \$3.70†

†2.5k piece 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.

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\*Needs external components.



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