

NEW

Nano Energy[®] Synchronous Buck Converter

Achieves a current consumption of only 180nA - the lowest in the industry

BD70522GUL

APEC

Features

- Ultra-low 180nA (typ) quiescent current
- 9 selectable output voltages: 1.2V, 1.35V, 1.5V, 1.8V, 2.0V, 2.5V, 2.8V, 3.0V, 3.2V, 3.3V
- Minimum dropout with 100% duty cycle

Applications

- Portable/battery-powered devices
- Security and sensor systems
- Other low-power applications

DISCOVER THE POWER

ROHM
SEMICONDUCTOR

NEW

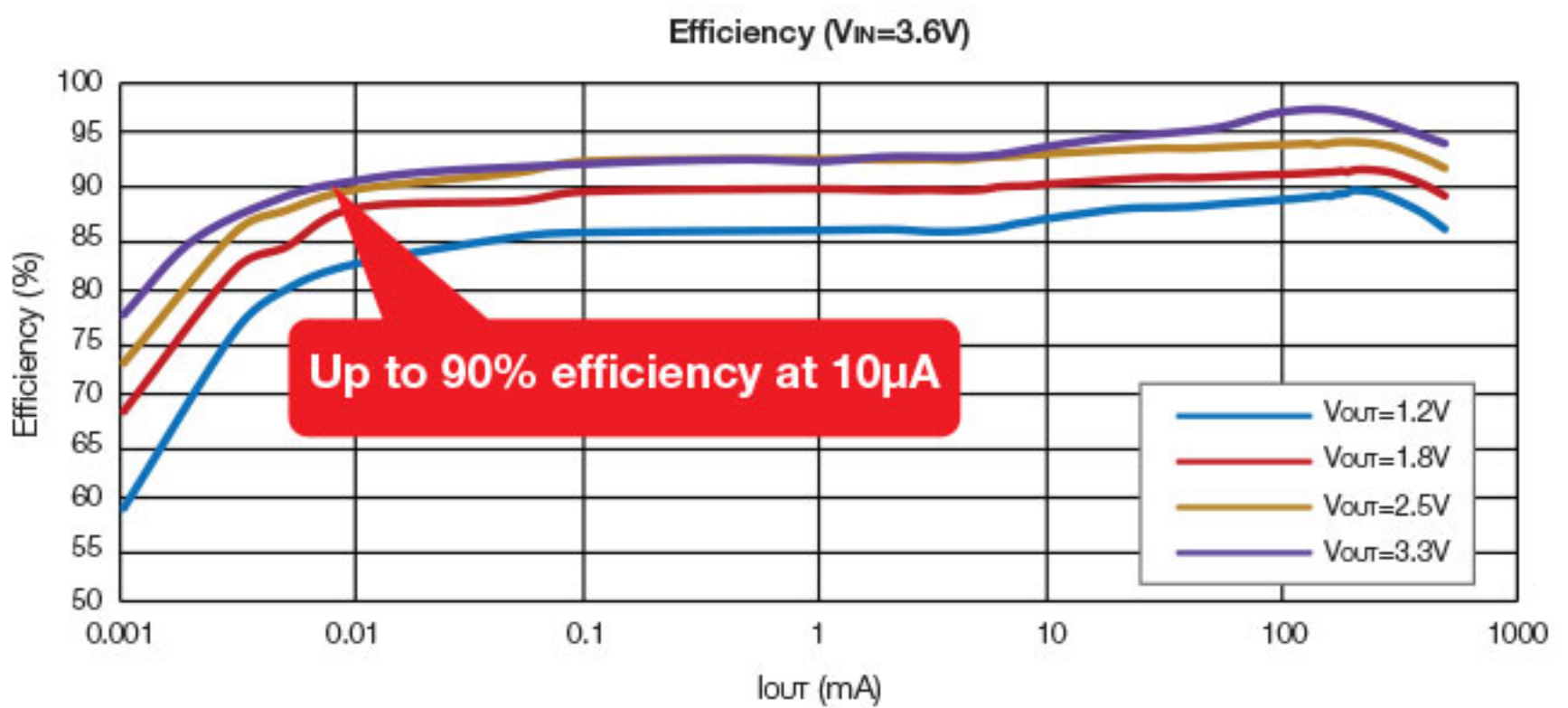
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Efficiency Characteristics



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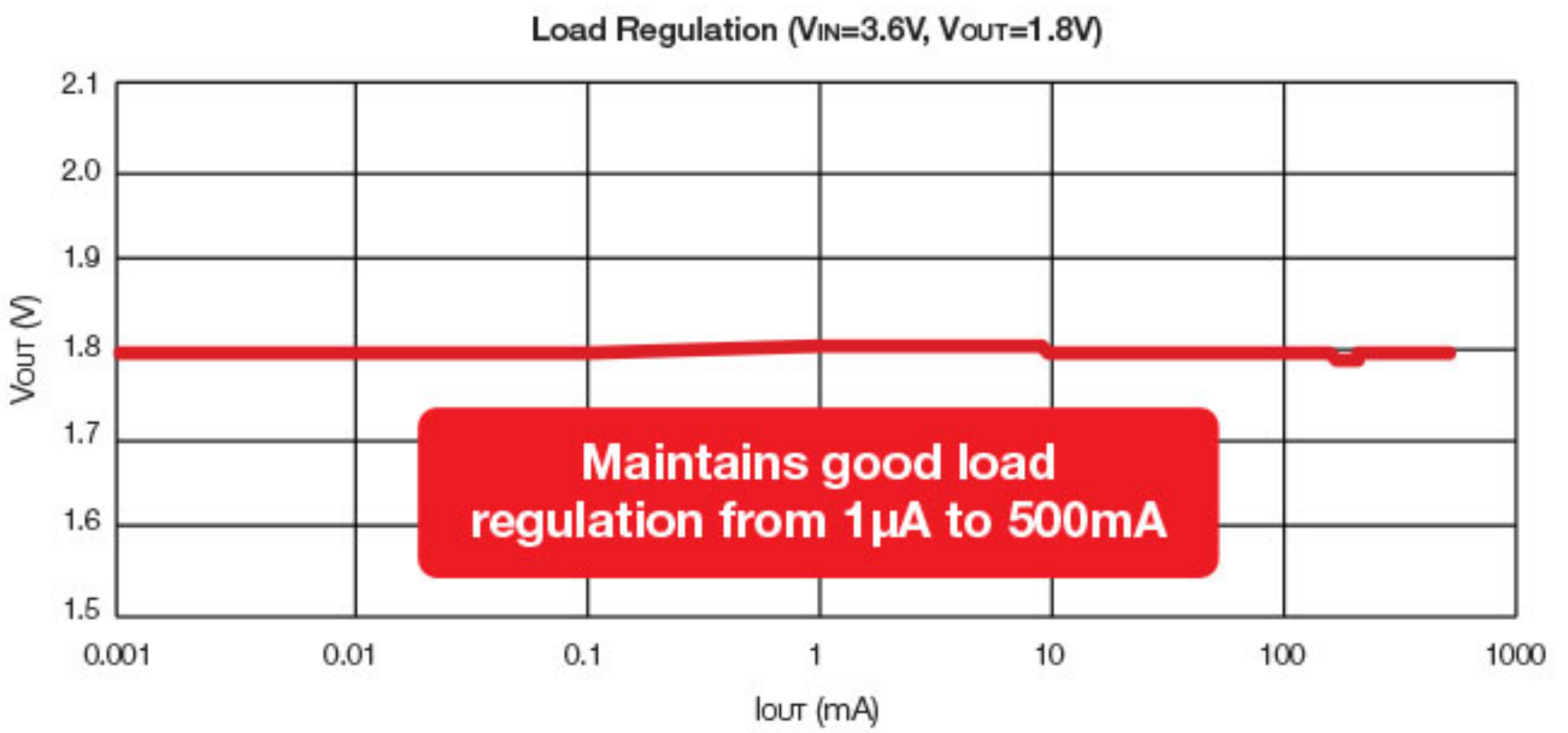
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Load Regulation



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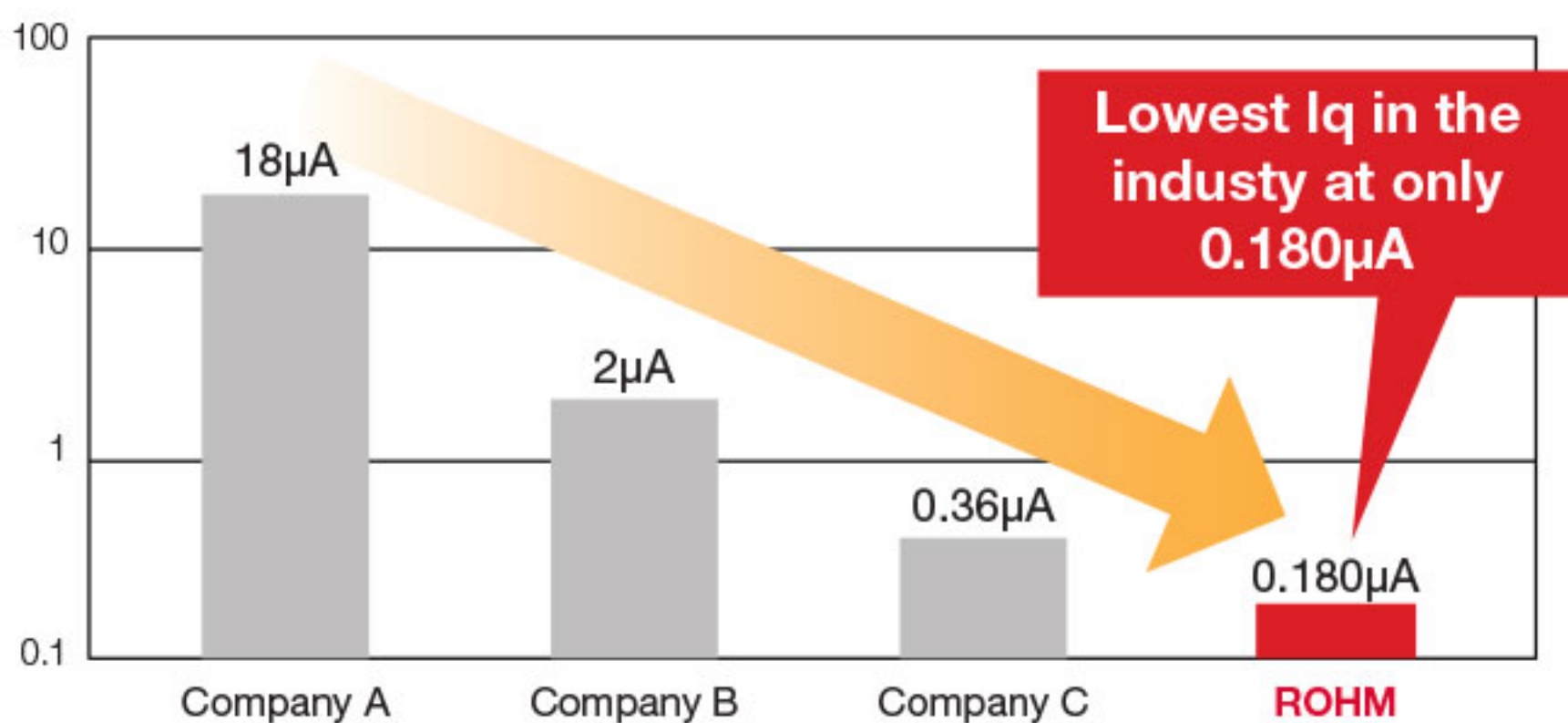
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Current Consumption Comparison



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Application Circuit Diagram

