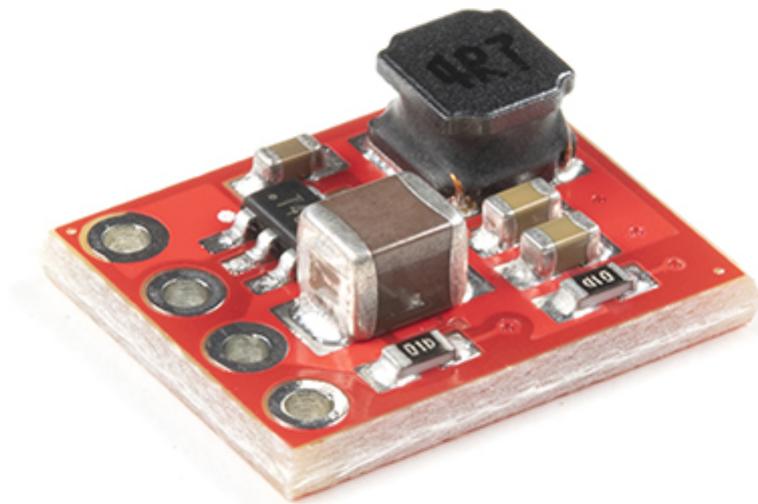


# SparkFun BabyBuck Regulator Breakout - 3.3V (AP63203)

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- Low-Profile Footprint
- VIN 3.8V to 32V
- VOUT 3.3V
- Up to 2A Continuous Output Current
- $0.8V \pm 1\%$  Reference Voltage
- $22\mu A$  Ultralow Quiescent Current
- Switching Frequency - 1.1MHz
- Supports Pulse Frequency Modulation (PFM)
  - Up to 80% Efficiency at 1mA Light Load
  - Up to 88% Efficiency at 5mA Light Load
- Fixed Output Voltage - 3.3V

- Proprietary Gate Driver Design for Best EMI Reduction
- Frequency Spread Spectrum (FSS) to Reduce EMI
- Precision Enable Threshold to Adjust UVLO
- Protection Circuitry
  - Overvoltage Protection
  - Cycle-by-Cycle Peak Current Limit
  - Thermal Shutdown