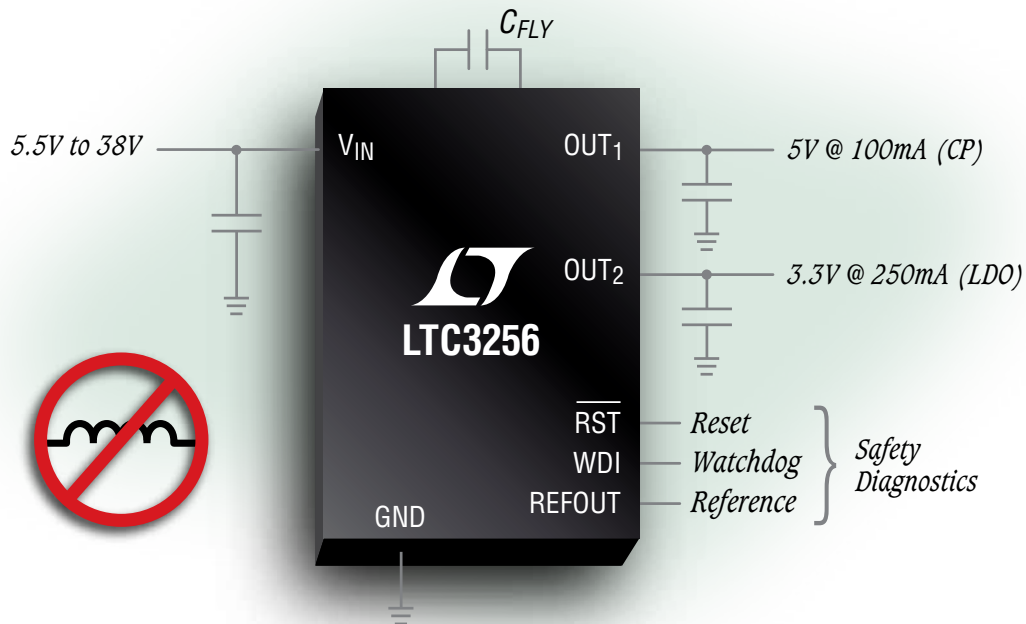


Save Space & Reduce EMI

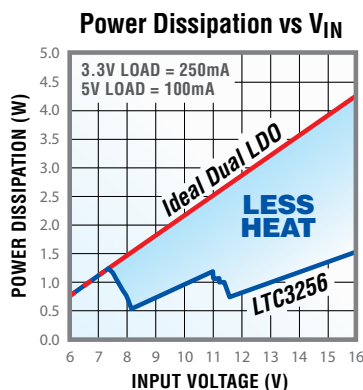


38V_{IN}, Dual Outputs, Low Power Loss Charge Pump & LDO

The LTC3256 is a wide input voltage range, dual output charge pump and LDO combination, capable of delivering a fixed 5V output at 100mA and a fixed 3.3V at 250mA. This combination enables up to 2.8W less power loss compared to two LDOs, useful in thermally constrained applications. Furthermore, its inductorless topology and low EMI emissions are ideal for compact industrial and automotive applications. In addition to its 38V maximum input and 20µA quiescent current, the watchdog timer and power-on reset allow easy interface to a microcontroller.

Features

- 5.5V to 38V Input Voltage Range
- Independently Enabled 5V & 3.3V Fixed Outputs
- 5V Charge Pump Output: 100mA Max.
- 3.3V LDO Output: 250mA Max.
- 20µA Quiescent Current (Both Outputs on)
- Engineered for Diagnostic Coverage in ISO26262 Systems



Info & Free Samples

www.linear.com/product/LTC3256
1-800-4-LINEAR



Download

"High Voltage Charge Pump IC Solutions"

www.linear.com/HVchargepump

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