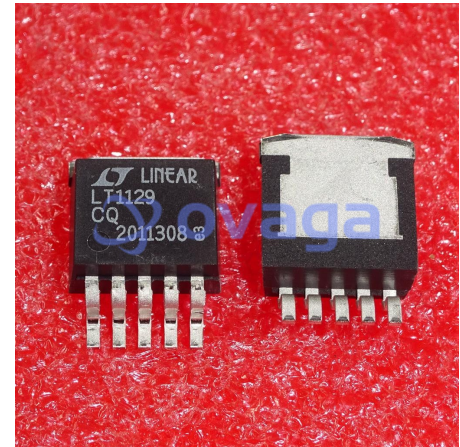


LDO Regulator, 700mA Adjustable, 3.75 30 V 5-Pin, D2PAK

Manufacturers	Analog Devices, Inc
Package/Case	5DD_P
Product Type	Power Management ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LT1129CQ#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LT1129/LT1129-3.3/LT1129-5 are micropower low dropout regulators with shutdown. The devices are capable of supplying 700mA of output current with a dropout voltage of 400mV at maximum output. Designed for use in battery-powered systems, the low quiescent current, 50µA operating and 16µA in shutdown, make them an ideal choice. The quiescent current does not rise in dropout as it does with many other low dropout PNP regulators.

Other features of the LT1129/LT1129-3.3/LT1129-5 include the ability to operate with small output capacitors. They are stable with only 3.3µF on the output while most older devices require between 10µF and 100µF for stability. Also the input may be connected to ground or a reverse voltage without reverse current flow from output to input. This makes the LT1129/LT1129-3.3/LT1129-5 ideal for backup power situations where the output is held high and the input is at ground or reversed. Under these conditions, only 16µA will flow from the output pin to ground. The devices are available in 5-lead TO-220, 5-lead DD-Pak and 3-lead SOT-223 packages.

Features

400mV Dropout Voltage

700mA Output Current

50 μ A Quiescent Current

No Protection Diodes Needed

Adjustable Output from 3.8V to 30V

3.3V and 5V Fixed Output Voltages

Controlled Quiescent Current in Dropout

Shutdown

16 μ A Quiescent Current in Shutdown

Stable with 3.3 μ F Output Capacitor

Reverse Battery Protection

No Reverse Output Current

Thermal Limiting

Surface Mount SOT-223 and DD-Pak Packages

Application

Low Current Regulator

Regulator for Battery-Powered Systems

Post Regulator for Switching Supplies

5V to 3.3V Logic Regulator



Related Products



[LT3763EFE](#)

Analog Devices, Inc
TSSOP28



[LT1038CK](#)

Analog Devices, Inc
TO-3



[LTC4417IUF](#)

Analog Devices, Inc
QFN-24



[LTC3440EMS](#)

Analog Devices, Inc
MSOP10



[LTC1966CMS8#PBF](#)

Analog Devices, Inc
MSOP-8P



[LTC2990IMS#PBF](#)

Analog Devices, Inc
10MSOP



[LTM8045EY#PBF](#)

Analog Devices, Inc
BGA40



[LT4295IUFD#PBF](#)

Analog Devices, Inc
28-WFQFN