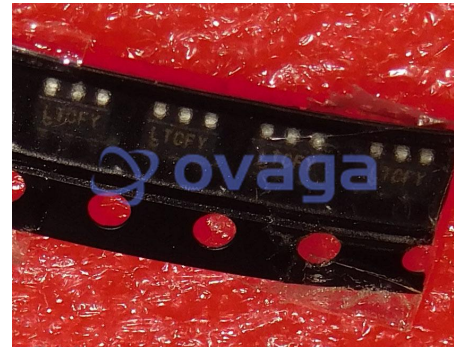


800mA Synchronous Step-Down Regulator

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOT23-6
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC3560IS6 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LTC3560IS6 is a voltage regulator IC (integrated circuit) designed by Linear Technology Corporation (now part of Analog Devices). It is a high-efficiency, monolithic synchronous step-down DC/DC converter that can deliver up to 600mA of output current. The LTC3560IS6 is housed in a small 6-lead ThinSOT package.

## Features

Wide Input Voltage Range: 2.5V to 5.5V

Output Voltage Range: 0.6V to  $V_{in}$

High Efficiency: Up to 96%

Low Dropout Voltage: 100mV at 300mA

Adjustable Switching Frequency: 500kHz to 4MHz

Internal Synchronous Rectifier

Short-Circuit and Thermal Protection

## Application

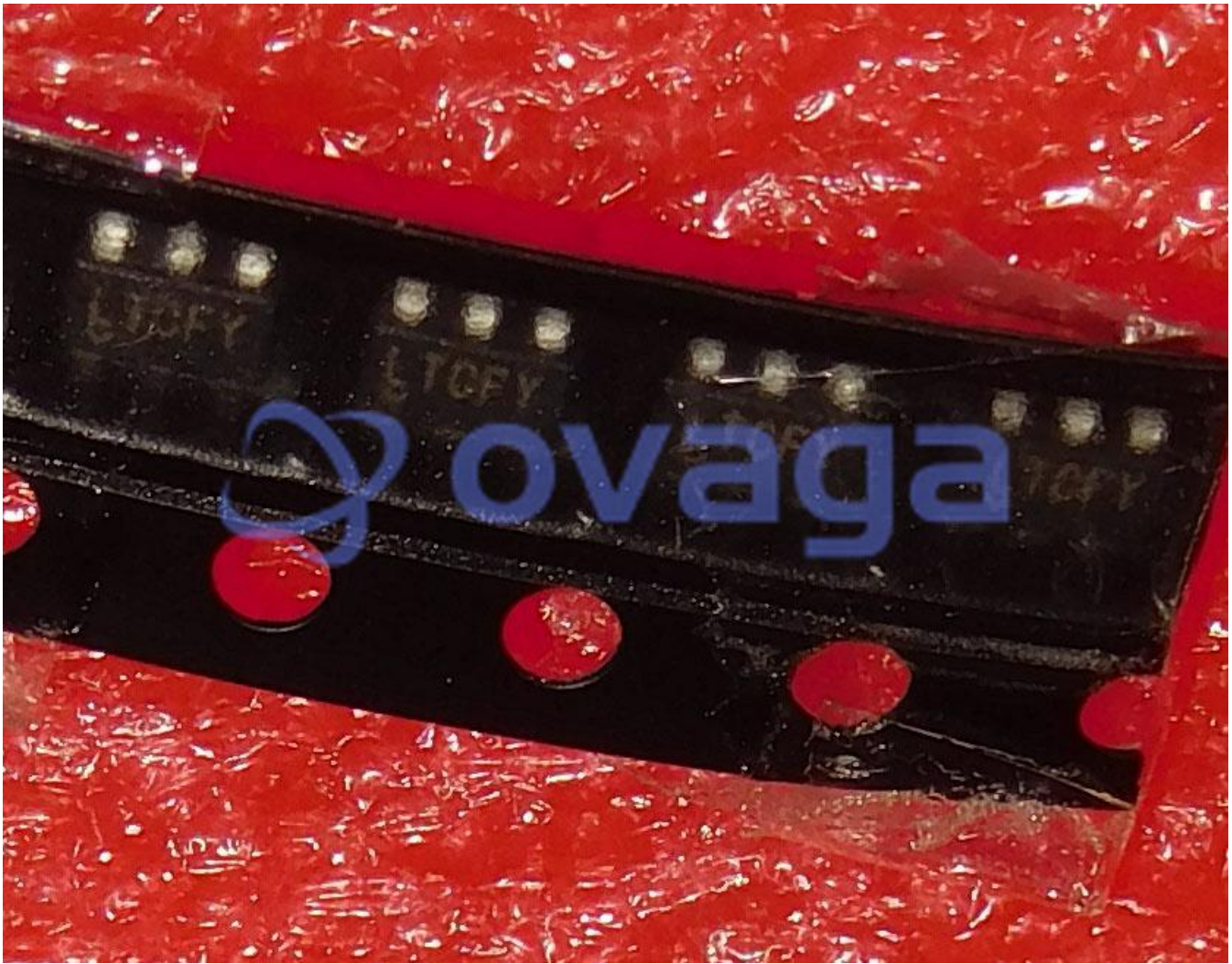
MCP1624 (Microchip Technology)

MAX8566 (Maxim Integrated)

TPS62203 (Texas Instruments)

BD90302F (Renesas Electronics)

SP7652 (Exar Corporation)



## Related Products



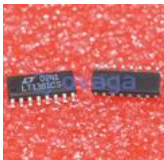
### [LT1129CST-5](#)

Analog Devices, Inc  
SOT223



### [LT1716HS5#PBF](#)

Analog Devices, Inc  
SOT-23



### [LT1381CS](#)

Analog Devices, Inc  
SOP-16



### [LTC4440ES6](#)

Analog Devices, Inc  
SOT23-6



### [LT1716HS5](#)

Analog Devices, Inc  
SOT23-5



### [LT1587CM](#)

Analog Devices, Inc  
SOT263-3



### [LTC3560ES6](#)

Analog Devices, Inc  
SOT23



### [LT1185CT](#)

Analog Devices, Inc  
TO-220