

Conv DC-DC 2.63V to 5.5V Synchronous Step Down Single-Out 0.8V to 5V 1.25A 10-Pin MSOP

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	MSOP-10
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC3411EMS or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LTC3411EMS is a DC-DC step-down converter IC (integrated circuit) manufactured by Linear Technology (now part of Analog Devices). It is designed to operate with an input voltage range of 2.5V to 5.5V, and it can provide an output voltage as low as 0.8V with a maximum output current of 1.5A.

### Features

- High efficiency up to 95%
- Low dropout operation: 100% duty cycle
- Constant frequency operation
- Adjustable frequency from 300kHz to 2.25MHz
- Programmable soft-start
- Over-temperature protection
- Over-current protection
- Undervoltage lockout

### Application

- Powering microprocessors and other digital circuits
- Powering LEDs and other low-voltage lighting applications
- Powering sensors and other low-power analog circuits
- Powering RF circuits and wireless transceivers
- Powering battery chargers and other charging circuits



### Related Products



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Analog Devices, Inc  
TO-263



#### [LTC4357HMS8](#)

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#### [LTC2990IMS](#)

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