

Switching Voltage Regulators 3A, 1MHz, Low-Voltage, Step-Down Regulators with Synchronous Rectification and Internal Switches

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	QSOP-16
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MAX1830EEE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MAX1830EEE is a voltage regulator integrated circuit (IC) manufactured by Maxim Integrated. It is a high-efficiency step-down DC-DC converter with an input voltage range of 4.5V to 60V, and it is capable of delivering up to 1.5A of output current. Here are some of its features:

### Features

- Wide input voltage range: 4.5V to 60V
- High efficiency: up to 95%
- Adjustable output voltage range: 0.8V to 0.9 x VIN
- Internal synchronous rectifier
- Soft-start function
- Thermal shutdown protection
- Current limit protection
- Under-voltage lockout

### Application

- Automotive and industrial power systems
- Distributed power systems
- Battery-powered equipment
- Point-of-load power supplies
- General-purpose DC-DC converters



### Related Products



[MAX813L](#)

Analog Devices, Inc



[MAX8869EUE33](#)

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TSSOP-16



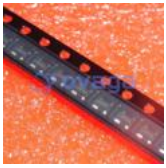
[MAX7219CWG-T](#)

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SOIC-8



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