

IC REG CTRLR BUCK

Manufacturers	Analog Devices, Inc
Package/Case	SSOP-24
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MAX1858EEG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MAX1858EEG is a specific model number of a step-up DC-DC converter integrated circuit (IC) manufactured by Maxim Integrated. The MAX1858EEG is a high-efficiency, low-quiescent-current, synchronous DC-DC converter that can supply a regulated output voltage up to 28V from a single Li+ cell, or up to 5V from a 2.5V input. The MAX1858EEG features a fixed frequency (1.2MHz) pulse-width modulation (PWM) control scheme, which provides high efficiency over a wide range of load currents.

Features

- Input voltage range from 2.5V to 5.5V
- Output voltage range up to 28V
- Adjustable output voltage through an external resistor
- Maximum output current of 300mA
- High efficiency up to 96%
- Low quiescent current of 22µA
- Thermal shutdown and current limit protection

Application

- Smartphones and tablets
- Portable media players
- Digital cameras
- Handheld instruments
- Wireless communication devices
- Power bank devices
- Battery backup systems



Related Products



[MAX813L](#)

Analog Devices, Inc



[MAX7219CWG+T](#)

Analog Devices, Inc
SOIC-24



[MAX811SEUS+T](#)

Analog Devices, Inc
SOT-4



[MAX8869EUE33](#)

Analog Devices, Inc
TSSOP-16



[MAX1951ESA](#)

Analog Devices, Inc
SOIC-8



[MAX1708EEE](#)

Analog Devices, Inc
QSOP-16



[MAX8556ETE](#)

Analog Devices, Inc

TQFN-16



[MAX618EEE](#)

Analog Devices, Inc

QSOP-16