

Low Input Voltage DC/DC Controller for DDR/QDR Memory Termination

Manufacturers	Analog Devices, Inc
Package/Case	SSOP24
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC3718EG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC3718EG is a synchronous step-down DC/DC converter IC (integrated circuit) produced by Linear Technology, which is now part of Analog Devices. It is designed to convert a high input voltage to a lower output voltage with high efficiency and accuracy.

Features

- Wide input voltage range: 4V to 38V
- Adjustable output voltage range: 0.6V to 90% of input voltage
- High efficiency: up to 95%
- Internal low RDS(ON) switches: 40mΩ/20mΩ (high/low side)
- Precision 0.8V reference voltage
- Programmable soft-start
- Adjustable frequency: 200kHz to 2.2MHz
- Current mode control with external compensation

Application

- Industrial equipment and automation
- Automotive and transportation
- Telecom and networking
- Consumer electronics
- Distributed power systems



Related Products



[LT3015EQ](#)
Analog Devices, Inc
TO-263



[LTC4357HMS8](#)
Analog Devices, Inc
MSOP-8



[LT5560EDD](#)
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QFN-8



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