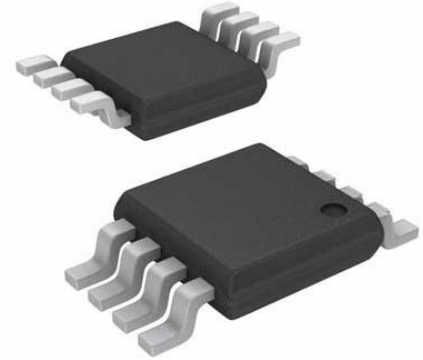


Conv DC-DC 2.6V to 16V Step Up Single-Out 2.6V to 40V 5A 8-Pin MSOP EP Tube

Manufacturers	Analog Devices, Inc
Package/Case	MSOP8
Product Type	Power Management ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LT3489EMS8E#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LT3489 is a fixed frequency step-up DC/DC converter containing an internal 2.5A, 40V switch. The LT3489 is ideal for large TFT-LCD panel power supplies. The LT3489 switches at 2MHz, allowing the use of tiny, low profile inductors and low value ceramic capacitors. Loop compensation can be either internal or external, giving the user flexibility in setting loop compensation and allowing optimized transient response with low ESR ceramic output capacitors. Soft-start is controlled with an external capacitor, which determines the input current ramp rate during start-up.

The 8-lead MS8E package and high switching frequency ensure a low profile overall solution less than 1.1mm high.

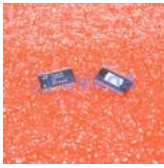
Features

- 2.5A, 0.12Ω, 40V Internal Switch
- 2MHz Switching Frequency
- Integrated Soft-Start Function
- VIN Range: 2.6V to 16V
- Adjustable Output from VIN to 40V
- Low VCESAT Switch: 110mV at 1A (Typical)
- 8V at 610mA from a 3.3V Input
- Internal or External Loop Compensation
- Small 8-Lead MS8E

Application

- TFT-LCD Bias Supplies
- GPS Receivers
- DSL Modems
- Local Power Supply

Related Products



[LT3763EFE](#)

Analog Devices, Inc
TSSOP28



[LTC4417IUF](#)

Analog Devices, Inc
QFN-24



[LTC1966CMS8#PBF](#)

Analog Devices, Inc
MSOP-8P



[LTM8045EY#PBF](#)

Analog Devices, Inc
BGA40



[LT1038CK](#)

Analog Devices, Inc
TO-3



[LTC3440EMS](#)

Analog Devices, Inc
MSOP10



[LTC2990IMS#PBF](#)

Analog Devices, Inc
10MSOP



[LT4295IUFD#PBF](#)

Analog Devices, Inc
28-WFQFN