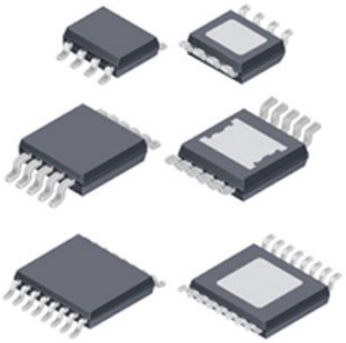
LT3798EMSE#PBF

Data Sheet

AC/DC Converter Controller IC, Flyback, 90 VAC - 265 VAC, 1 A output, 100 W, MSOP-16

Manufacturers	Analog Devices, Inc
Package/Case	MSOP-16
Product Type	AC DC Converters, Offline Switchers
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LT3798EMSE#PBF or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The LT3798 is a constant-voltage/constant-current isolated flyback controller that combines active power factor correction (PFC) with no opto-coupler required for output voltage feedback into a single-stage converter. A LT3798 based design can achieve a power factor of greater than 0.97 by actively modulating the input current, allowing compliance with most Harmonic Current Emission requirements.

The LT3798 is well suited for a wide variety of off-line applications. The input range can be scaled up or down, depending mainly on the choice of external components. Efficiencies higher than 86% can be achieved with output power levels up to 100W. In addition, the LT3798 can easily be designed into high DC input applications.

Features

Isolated PFC Flyback with Minimum Number of External Components

VIN and VOUT Limited Only by External Components

Active Power Factor Correction

Low Harmonic Distortion

No Opto-Coupler Required

Constant-Current and Constant-Voltage Regulation

Accurate Regulated Voltage and Current (±5% Typical)

Energy Star Compliant (<0.5W No Load Operation)

Thermally Enhanced 16-lead MSOP Package

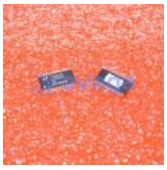
Application

Offline 5W to 100W+ Applications

High DC VIN Isolated Applications

Offline Bus Converter (12V, 24V or 48V Outputs)

Related Products



LT3763EFE

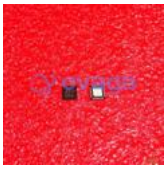
Analog Devices, Inc

TSSOP28

LT1038CK

Analog Devices, Inc

TO-3



LTC4417IUF

Analog Devices, Inc

QFN-24

LTC3440EMS

Analog Devices, Inc

MSOP10

LTC1966CMS8#PBF

Analog Devices, Inc

MSOP-8P

LTC2990IMS#PBF

Analog Devices, Inc

10MSOP

LTM8045EY#PBF

Analog Devices, Inc

BGA40

LT4295IUFD#PBF

Analog Devices, Inc

28-WFQFN