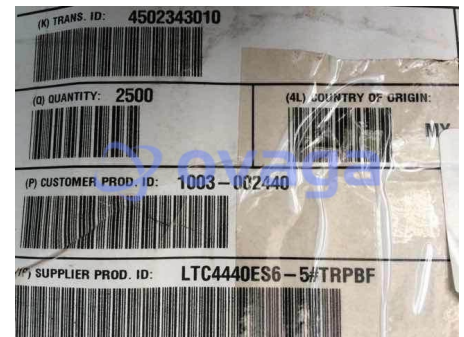


High Speed, High Voltage High Side Gate Driver; Package: SOT; No of Pins: 6; Temperature Range: -40°C to +125°C

Manufacturers	<u>Analog Devices, Inc</u>
Package/Case	SOT-23-6
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC4440ES6-5 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

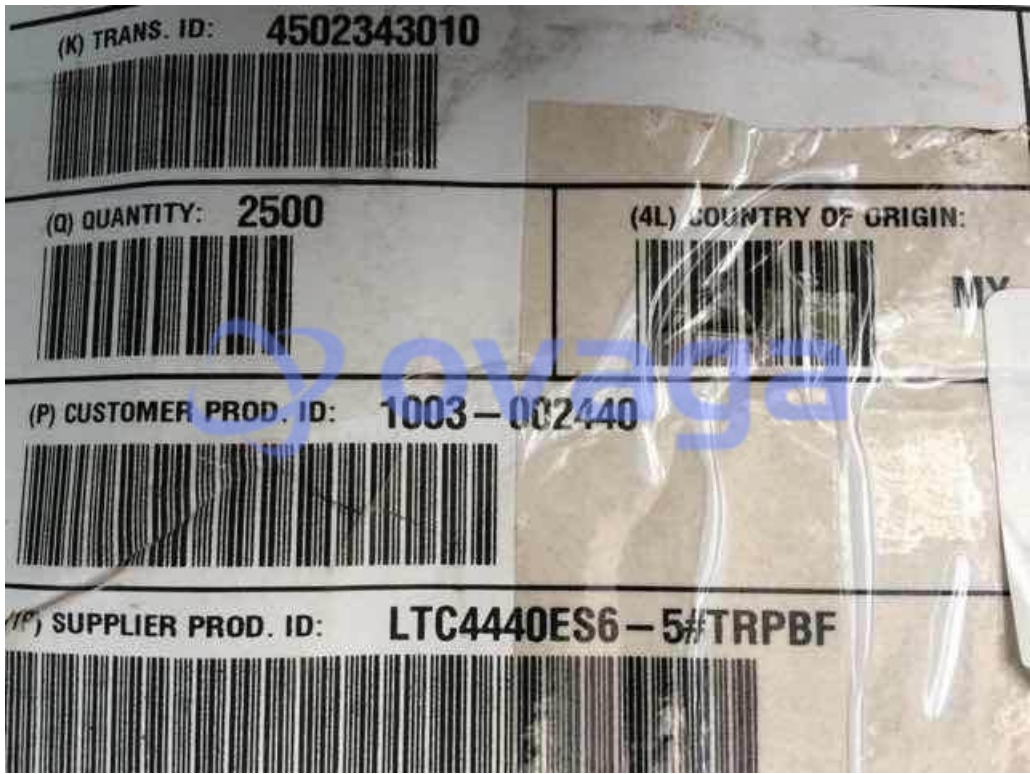
LTC4440ES6-5 is a high-speed, high-performance single-channel gate driver IC (integrated circuit) manufactured by Linear Technology Corporation (now part of Analog Devices).

Features

- Supply voltage range of 4.5V to 18V
- Output voltage swing of 10V (minimum) and 18V (maximum)
- Output current capability of 4A
- Propagation delay of 20ns (maximum)
- Low quiescent current of 1.6mA
- Low shutdown current of 1μA

Application

- Driving high-speed and high-current MOSFETs and IGBTs
- Switch-mode power supplies
- Motor control systems
- Class-D audio amplifiers
- LED drivers



Related Products



[LT1129CST-5](#)
Analog Devices, Inc
SOT223



[LT1716HS5](#)
Analog Devices, Inc
SOT23-5



[LT1716HS5#PBF](#)
Analog Devices, Inc
SOT-23



[LT1587CM](#)
Analog Devices, Inc
SOT263-3



[LT1381CS](#)
Analog Devices, Inc
SOP-16



[LTC3560ES6](#)
Analog Devices, Inc
SOT23



[LTC4440ES6](#)
Analog Devices, Inc
SOT23-6



[LT1185CT](#)
Analog Devices, Inc
TO-220