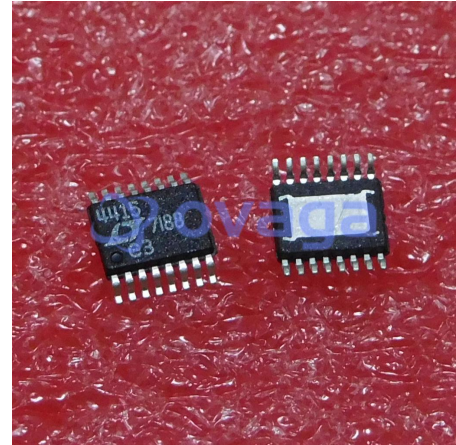


4A Ideal Diodes with Adjustable Current Limit

Manufacturers	Analog Devices, Inc
Package/Case	MSOP16
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC4415EMSE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

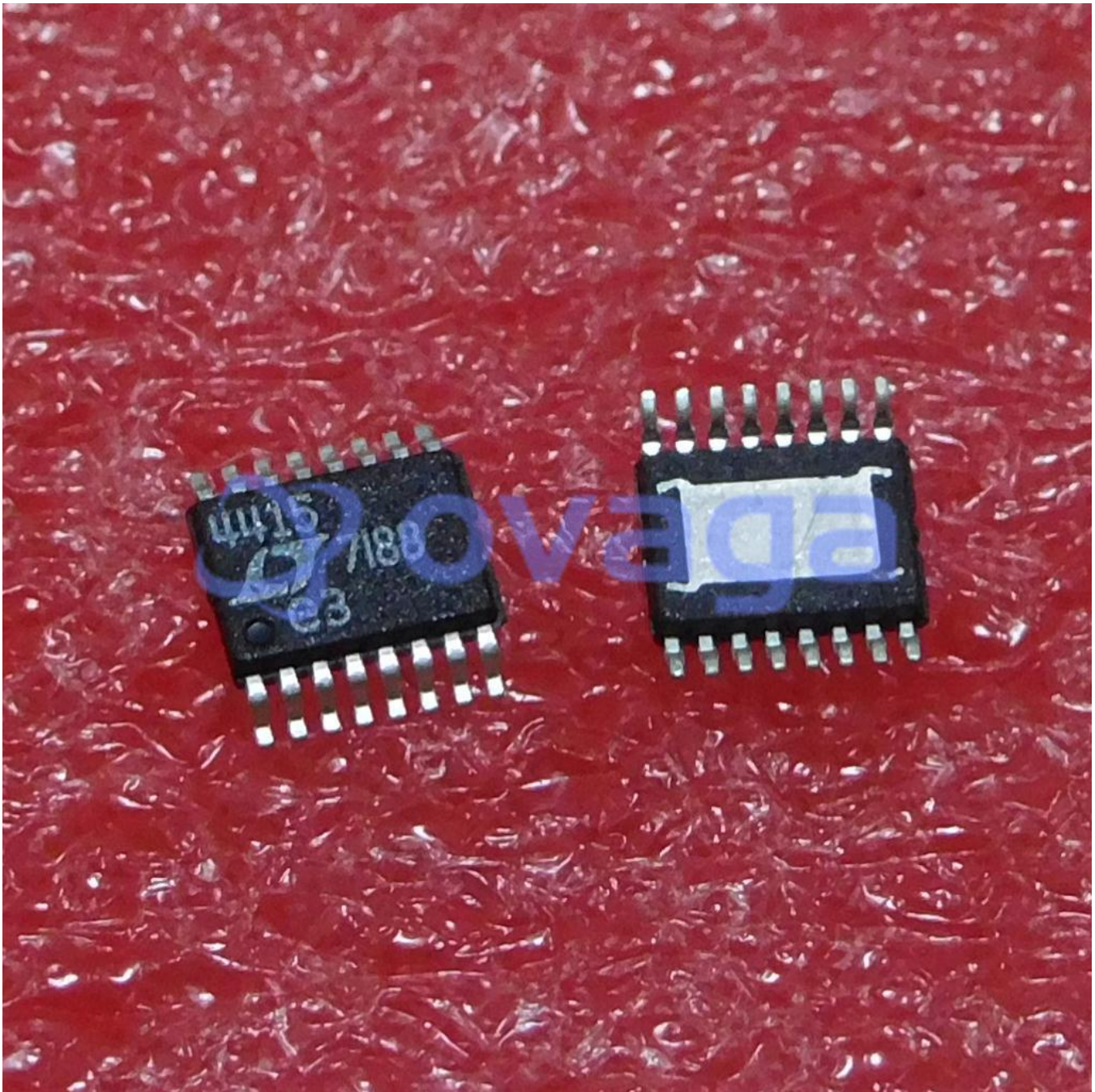
LTC4415EMSE is a specific part number for a PowerPath controller integrated circuit (IC) manufactured by Linear Technology (now part of Analog Devices). The LTC4415EMSE is a dual input prioritized PowerPath controller, which means it controls the power supply to a load from two different input sources while ensuring that the load is always powered by the higher-priority input source.

Features

- Dual input prioritized PowerPath controller for load sharing between two power sources
- Low quiescent current of 3 μ A
- Wide input voltage range of 2.5V to 40V
- Adjustable input overvoltage protection (OVP) and undervoltage lockout (UVLO) thresholds
- Fast response time of 30 μ s for input power switches

Application

- Automotive and industrial power systems
- Backup power systems
- Portable and handheld devices
- Solar and battery-powered systems
- Uninterruptible power supplies (UPS)
- Power distribution systems



Related Products



[LT3015EQ](#)

Analog Devices, Inc
TO-263



[LTC2990IMS](#)

Analog Devices, Inc
MSOP-10



[LTC4357HMS8](#)

Analog Devices, Inc
MSOP-8



[LT1964ES5-SD#PBF](#)

Analog Devices, Inc
TSOT23



[LT5560EDD](#)

Analog Devices, Inc
QFN-8



[LT1963AES8](#)

Analog Devices, Inc
SOP-8



[LT1764AEFE](#)

Analog Devices, Inc
TSSOP1



[LT1764EQ](#)

Analog Devices, Inc
TO-263