

N-Channel MOSFET, 100 A, 60 V OptiMOS 5, 8-Pin TDSO Infineon

Manufacturers	<u>Infineon Technologies Corporation</u>
Package/Case	DSON-8
Product Type	Transistors
RoHS	Green
Lifecycle	



Images are for reference only

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[RFQ](#)

## General Description

OptiMOS™ 5 60V is optimized for synchronous rectification in switched mode power supplies (SMPS) such as those found in servers and desktops and tablet charger. In addition these devices are a perfect choice for a broad range of industrial applications including motor control, solar micro inverter and fast switching DC-DC converter.

## Features

- Optimized for synchronous rectification
- 40% lower R<sub>DS(on)</sub> than alternative devices
- 40% improvement of FOM over similar devices
- RoHS compliant - halogen free
- MSL1 rated
- Highest system efficiency
- Less paralleling required
- Increased power density
- System cost reduction
- Very low voltage overshoot

## Application

- Synchronous rectification
- Solar micro inverter
- Isolated DC-DC converters
- Motor control for 12-48V systems
- Or-ing switches



### Related Products



#### [BSP613P](#)

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SOT-223



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#### [BSB013NE2LXI](#)

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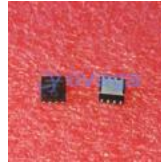
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