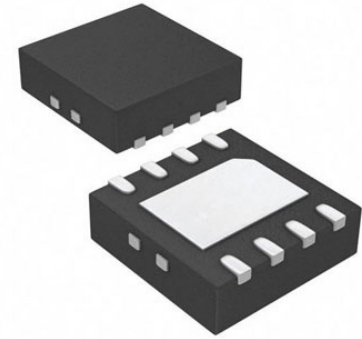


N-Channel 60 V 3.9 mOhm OptiMOS[®]Power-MOSFET - PG-TDSON-8

Manufacturers	Infineon Technologies Corporation
Package/Case	PG-TDSON-8
Product Type	Transistors
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for BSC039N06NSATMA1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[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.

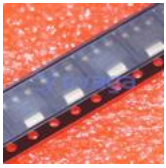
Features

- Optimized for synchronous rectification
- 40% lower R_{DS(on)} 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](#)

Infineon Technologies Corporation
SOT-223



[BSB013NE2LXI](#)

Infineon Technologies Corporation
WDSON-2



[BSC030N08NS5ATMA1](#)

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