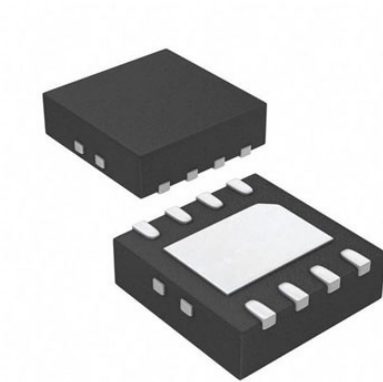


TDSON N-CH 80V 49A

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



Images are for reference only

Please submit RFQ for BSC117N08NS5ATMA1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

OptiMOS™ 5 80 V power MOSFET, especially designed for Synchronous Rectification for telecom and server power supplies. In addition, the device can also be utilized in other industrial applications such as solar, low voltage drives and adapter. Within seven different packages, the OptiMOS™ 5 80 V MOSFETs offer the industry's lowest $R_{DS(on)}$. Additionally, compared to the previous generation, OptiMOS™ 5 80 V has an $R_{DS(on)}$ reduction of up to 43%.

Optimized for synchronous rectification

Ideal for high switching frequency

Output capacitance reduction of up to 44 %

$R_{DS(on)}$ reduction of up to 43 % from previous generation

Highest system efficiency

Reduced switching and conduction losses

Less paralleling required

Increased power density

Low voltage overshoot

Telecom

Server

Solar

Low voltage drives

Adapter

Features

Optimized for synchronous rectification

Ideal for high switching frequency

Output capacitance reduction of up to 44%

R_{DS(on)} reduction of up to 44%

Highest system efficiency

Reduced switching and conduction losses

Less paralleling required

Increased power density

Low voltage overshoot

Related Products



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Infineon Technologies Corporation
SOT-223



[BSC011N03LS](#)

Infineon Technologies Corporation
PG-TDSON-8



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[BSC014N04LSATMA1](#)

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DSON-8



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