

N-Channel MOSFET, 21 A, 150 V OptiMOS 3, 8-Pin TDSO N Infineon

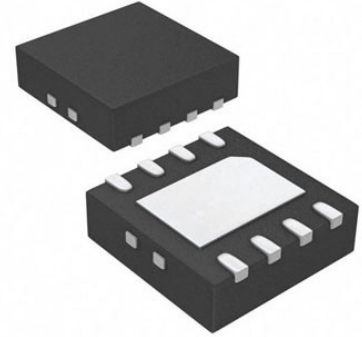
Manufacturers [Infineon Technologies Corporation](#)

Package/Case PG-TDSO-8

Product Type Transistors

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for BSC520N15NS3GATMA1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The 150V OptiMOS™ achieves a reduction in $R_{DS(on)}$ of 40% and of 45% in figure of merit (FOM) compared to the next best competitor. This drastic improvement opens new possibilities like moving from leaded packages to SMD packages or effectively replacing two old parts with one OptiMOS™ part.

Features

Excellent switching performance

World's lowest R_{DS(on)}

Very low Q_g and Q_{rd}

Excellent gate charge x R_{DS(on)} product (FOM)

RoHS compliant-halogen free

MSL1 rated 2

Environmentally friendly

Increased efficiency

Highest power density

Less paralleling required

Smallest board-space consumption

Easy-to-design products

Application

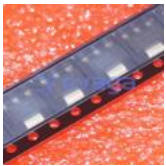
Synchronous rectification for AC-DC SMPS

Isolated DC-DC converters (telecom and datacom systems)

Or-ing switches and circuit breakers in 48V systems

Class D audio amplifiers

Related Products



[BSP613P](#)

Infineon Technologies Corporation
SOT-223



[BSB013NE2LXI](#)

Infineon Technologies Corporation
WDSO-2



[BSC030N08NS5ATMA1](#)

Infineon Technologies Corporation
TDSO-8



[BSC016N06NSATMA1](#)

Infineon Technologies Corporation
DSO-8



[BSC011N03LS](#)

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PG-TDSO-8



[BSC014N04LSATMA1](#)

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tdso-8



[BSC026N08NS5ATMA1](#)

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TDSO-8



[BSC066N06NSATMA1](#)

Infineon Technologies Corporation
TDSO-8