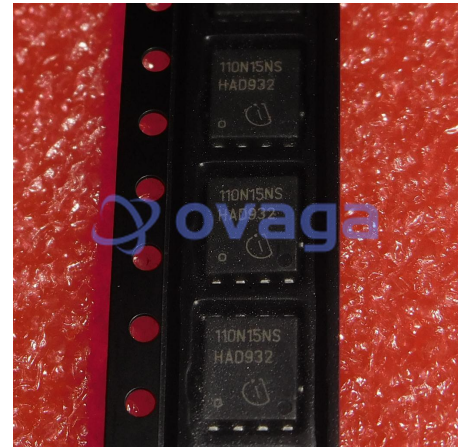


Manufacturers	Infineon Technologies Corporation
Package/Case	DFN
Product Type	Diodes & Rectifiers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BSC110N15NS5ATMA1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The new OptiMOS™ 5 150 V power MOSFETs from Infineon are particularly suitable for low voltage drives such as forklift and e-scooter, as well as telecom and solar applications. The new products offer a breakthrough reduction in $R_{DS(on)}$ (up to 25 percent compared to the next best alternative in SuperSO8) and Q_{rr} without compromising FOM_{gd} and FOM_{OSS} , effectively reducing design effort whilst optimizing system efficiency. Furthermore, the ultra-low reverse recovery charge (Q_{rr})

Features

Lower R_{DS(on)} without compromising FOM_{gd} and FOM_{oss}

Lower output charge

Ultra-low reverse recovery charge

Increased commutation ruggedness

Higher switching frequency possible

Reduced paralleling

Size reduction enabled with SuperSO8 best-in-class

Higher power density designs

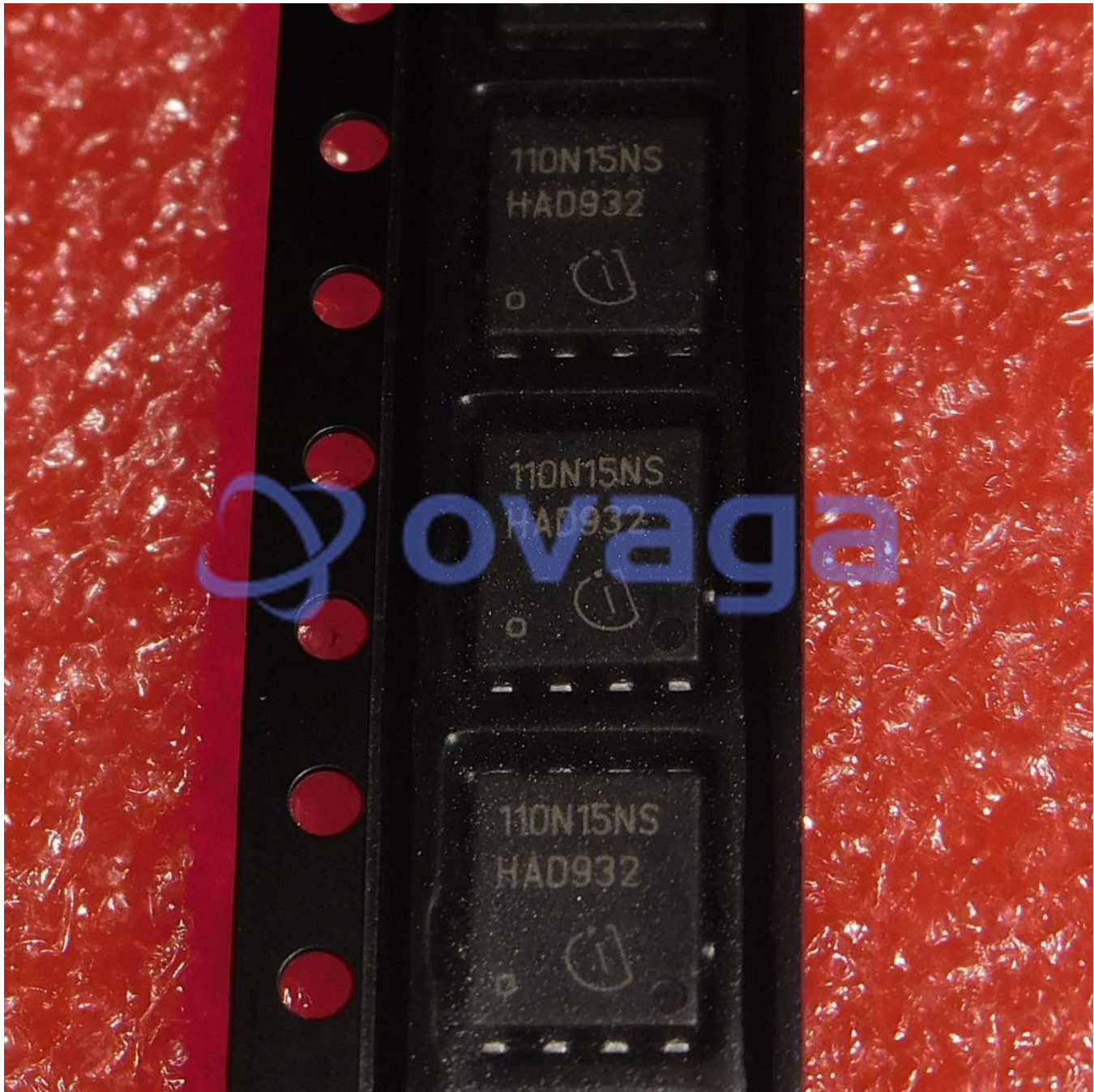
More rugged products

System cost reduction

Improved EMI behavior

Application

Low voltage drives



Related Products



[IDH08SG60C](#)

Infineon Technologies Corporation
TO-220-2



[SDT12S60](#)

Infineon Technologies Corporation
TO-220



[IDB06S60C](#)

Infineon Technologies Corporation
D2PAK



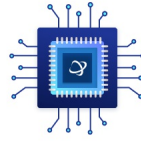
[IDH06SG60C](#)

Infineon Technologies Corporation
TO-220-2



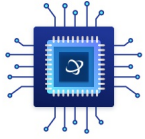
[BAT62-03W](#)

Infineon Technologies Corporation
SOT-323



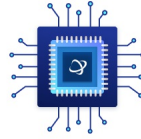
[IDL12G65C5](#)

Infineon Technologies Corporation
ThinPAK 8x8



[IDL08G65C5](#)

Infineon Technologies Corporation
ThinPAK 8x8



[IDL06G65C5](#)

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