

MOSFET TRENCH $\geq 100V$

Manufacturers [Infineon Technologies Corporation](#)

Package/Case TO-252-3

Product Type Transistors

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for IPD110N12N3GATMA1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The 120V OptiMOS™ family offers at the same time the lowest on-state resistances of the industry and the fastest switching behavior, allowing for the achievement of outstanding performance in a wide range of applications. The 120V OptiMOS™ technology gives new possibilities for optimized solutions.

Features

Excellent switching performance

World's lowest R_{DS(on)}

Very low Q_g and Q_{gd}

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

Motor control for 12–48V systems (i.e. fans for servers, domestic vehicles, power-tools, trucks)

Isolated DC-DC converters (telecom and datacom systems)

Or-ing switches and circuit breakers in 48V systems

Class D audio amplifiers



Related Products



[IPP60R070CFD7](#)

Infineon Technologies Corporation
TO-220-3



[IPB180N06S4-H1](#)

Infineon Technologies Corporation
PG-TO263-7-3



[IPG20N04S4-12](#)

Infineon Technologies Corporation
TDSON-8



[IPW65R080CFD](#)

Infineon Technologies Corporation
TO-247



[IPD25N06S4L-30](#)

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PG-TO252-3



[IPD180N10N3G](#)

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[IPP60R074C6](#)

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[IPD70R1K4P7S](#)

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