

N CHANNEL MOSFET, 200V, 30A Transistor Polarity:N Channel, Continuous Drain Current Id:30A, Drain Source Voltage Vds:200V, On Resistance Rds(on):75mohm, Rds(on) Test Voltage Vgs:10V, Threshold Voltage Vgs:4V

Manufacturers	<u>Infineon Technologies Corporation</u>
Package/Case	TO-247AC
Product Type	Transistors
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for IRFP250NPBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Fifth Generation HEXFETs from International Rectifier utilize advanced processing techniques to achieve extremely low on-resistance per silicon area. This benefit, combined with the fast switching speed and ruggedized device design that HEXFET Power MOSFETs are well known for, provides the designer with an extremely efficient and reliable device for use in a wide variety of applications.

The TO-247 package is preferred for commercial-industrial applications where higher power levels preclude the use of TO-220 devices. The TO-247 is similar but superior to the earlier TO-218 package because of its isolated mounting hole.

- Advanced Process Technology
- Dynamic dv/dt Rating
- 175°C Operating Temperature
- Fast Switching
- Fully Avalanche Rated
- Ease of Paralleling
- Simple Drive Requirements

Features

Planar cell structure for wide SOA

Optimized for broadest availability from distribution partners

Product qualification according to JEDEC standard

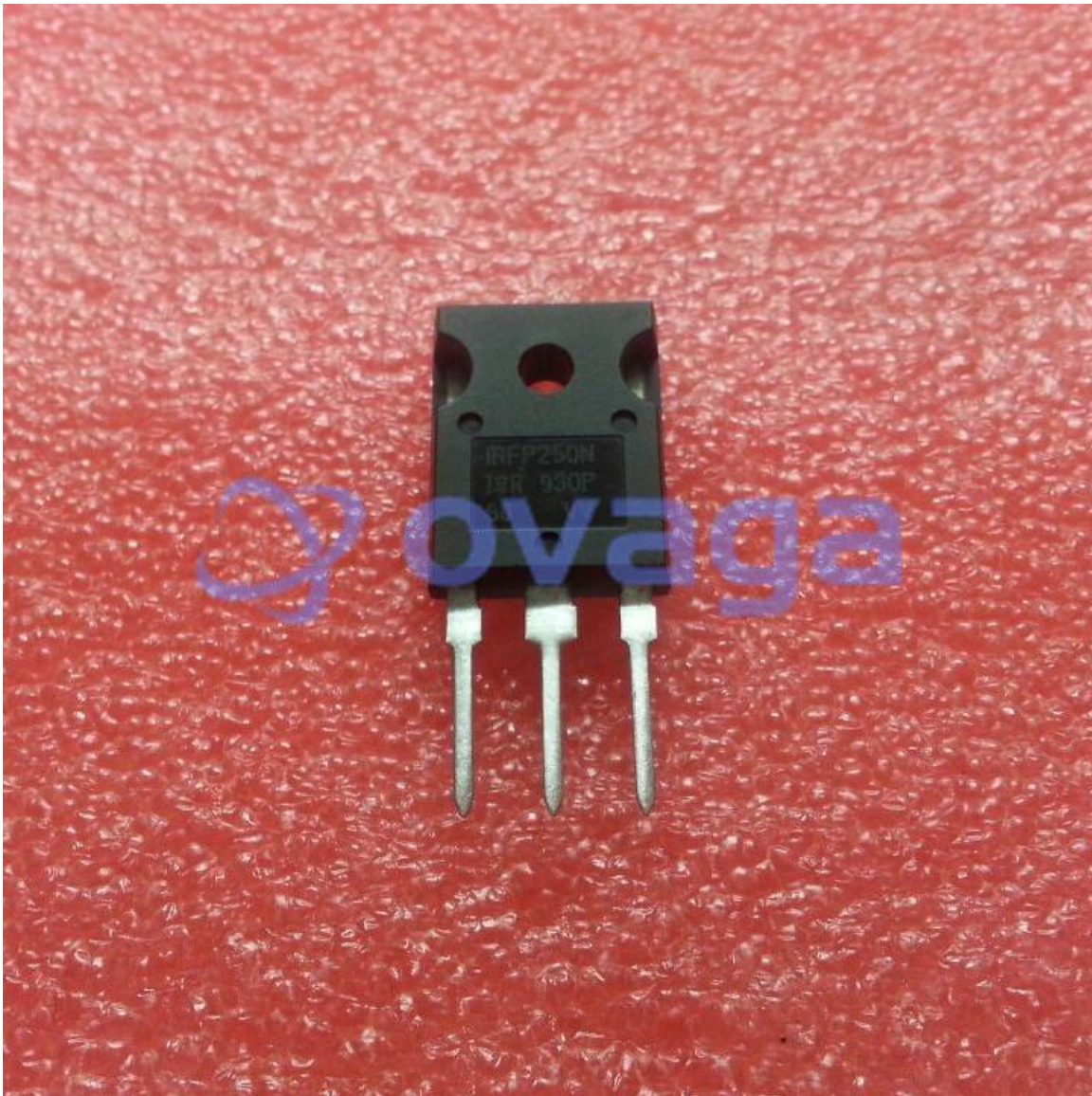
Silicon optimized for applications switching below <100kHz

Industry standard through-hole power package

High-current carrying capability package (up to 195 A, die-size dependent)

Targeted for high power density



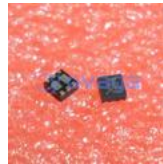


Related Products



[IRLTS6342TRPBF](#)

Infineon Technologies Corporation
TSOP-6



[IRLHS6376TRPBF](#)

Infineon Technologies Corporation
PQFN2x2DD



[IRF9310PBF](#)

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SOIC-8



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TO-220



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TO-220AB



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SOIC-8