

IRF3415PBF

Data Sheet

MOSFET, Power; N-Ch; VDSS 150V; RDS(ON) 0.042 Ω ; ID 43A; TO-220AB; PD 200W; VGS +/-20V

Manufacturers <u>Infineon Technologies Corporation</u>

Package/Case TO-220AB

Product Type Transistors

RoHS Green

Lifecycle



Images are for reference only

Please submit RFQ for IRF3415PBF or Email to us: 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-220 package is universally preferred for all commercial-industrial applications at power dissipation levels to approximately 50 watts. The low thermal resistance and low package cost of the TO-220 contribute to its wide acceptance throughout the industry.

- Advanced Process Technology
- Dynamic dv/dt Rating
- 175°C Operating Temperature
- Fast Switching
- Fully Avalanche Rated

Features

Planar cell structure for wide SOA

Optimized for broadest availability from distribution partners

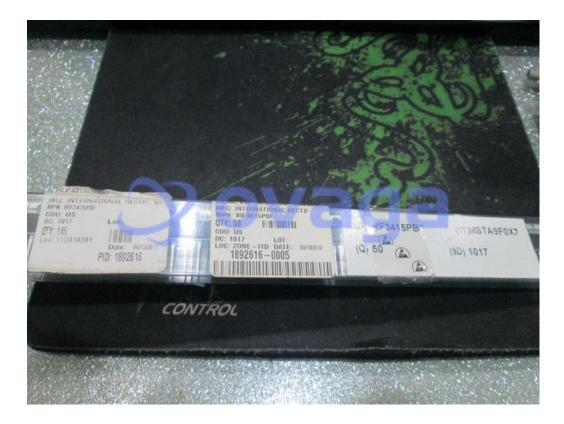
Product qualification according to JEDEC standard

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)

Capable of being wave-soldered





Related Products



IRLTS6342TRPBF

Infineon Technologies Corporation TSOP-6



IRF9310PBF

Infineon Technologies Corporation SOIC-8



IRF9358TRPBF

Infineon Technologies Corporation SOP-8



IRFB3307ZPBF

Infineon Technologies Corporation TO-220AB



IRLHS6376TRPBF

Infineon Technologies Corporation PQFN2x2DD



IRFH9310TRPBF

Infineon Technologies Corporation PQFN-8



IRFB7430PBF

Infineon Technologies Corporation TO-220



IRF7351TRPBF

Infineon Technologies Corporation SOIC-8