

40V Single N-Channel HEXFET Power MOSFET in a D-Pak package

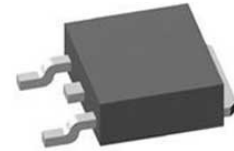
Manufacturers [Infineon Technologies Corporation](#)

Package/Case DPAK

Product Type

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for IRF40R207 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The StrongIRFET™ power MOSFET family is optimized for low $R_{DS(on)}$ and high current capability. The devices are ideal for low frequency applications requiring performance and ruggedness. The comprehensive portfolio addresses a broad range of applications including DC motors, battery management systems, inverters, and DC-DC converters.

Optimized for broadest availability from distribution partners

Product qualification according to JEDEC standard

Industry standard surface mount package

Silicon optimized for applications switching below <100kHz

Wide availability from distribution partners

Industry standard qualification level

Standard pinout allows for drop in replacement

High performance in low frequency applications

Battery powered applications

Power tools

DC motor drives

Features

Optimized for broadest availability from distribution partners

Product qualification according to JEDEC standard

Optimized for 10V gate-drive voltage (called Normal level)

Silicon optimized for applications switching below <100KHz

Softer body-diode compared to previous silicon generation

Industry standard surface-mount power package

Capable of being wave soldered

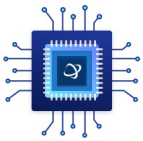
Application

Battery powered applications

Power tools

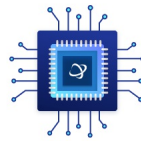
DC motor drives

Related Products



[IRSM836-035MATR](#)

Infineon Technologies Corporation



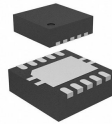
[IRAM256-2067A2](#)

Infineon Technologies Corporation



[IRF60R217](#)

Infineon Technologies Corporation
DPAK



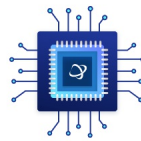
[IRL7472L1TRPBF](#)

Infineon Technologies Corporation
MG-WDSO-11



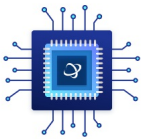
[IRSM505-065PA](#)

Infineon Technologies Corporation
SOP23



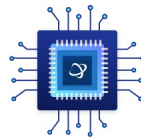
[IR3897MTR](#)

Infineon Technologies Corporation



[IR3551M](#)

Infineon Technologies Corporation



[IRS1125C](#)

Infineon Technologies Corporation