Dual N/P-Channel MOSFET, 4.6 A, 6.8 A, 30 V HEXFET, 8-Pin SOIC Infineon

Manufacturers	Infineon Technologies Corporation
Package/Case	SO-8
Product Type	Transistors
RoHS	Green
Lifecycle	
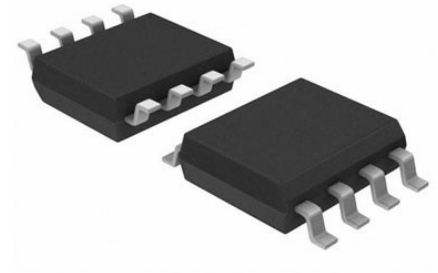
Images are for reference only

Please submit RFQ for IRF9389TRPBF or Email to us: 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

DC motor drives

Battery powered applications

Features

Optimized for broadest availability from distribution partners

Super logic level : Optimized for 4.5 V gate drive voltage, capable of 2.5 V gate drive voltage

Reduced design complexity vs N-channel in high-side configuration

Easier interface to microcontroller vs N-channel

Industry standard surface-mount package

Capable of being wave-soldered
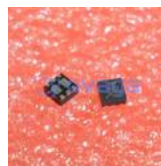
Application

DC motor drives

Battery powered applications

Related Products

IRLTS6342TRPBF

Infineon Technologies Corporation

TSOP-6

IRLHS6376TRPBF

Infineon Technologies Corporation

PQFN2x2DD

IRF9310PBF

Infineon Technologies Corporation

SOIC-8

IRFH9310TRPBF

Infineon Technologies Corporation

PQFN-8

IRF9358TRPBF

Infineon Technologies Corporation

SOP-8

IRFB7430PBF

Infineon Technologies Corporation

TO-220

IRFB3307ZPBF

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TO-220AB

IRF7351TRPBF

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