

Single P-Channel 30V 6.8mOhm 58NC 2.5W Silicon SMT Mosfet - SOIC-8

Manufacturers	Infineon Technologies Corporation
Package/Case	SOIC-8
Product Type	Transistors
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for IRF9310PBF 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

Features

Optimized for broadest availability from distribution partners

Optimized for 4.5V gate-drive voltage(called Logic level), capable of being driven at 2.5V gate-drive voltage (called Super Logic level)

Reduced design complexity in high-side configuration (vs N-channel device)

Easier interface to Microcontroller (vs N-channel device)

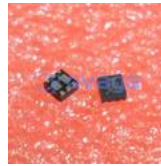


Related Products



[IRLTS6342TRPBF](#)

Infineon Technologies Corporation
TSOP-6



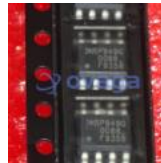
[IRLHS6376TRPBF](#)

Infineon Technologies Corporation
PQFN2x2DD



[IRFH9310TRPBF](#)

Infineon Technologies Corporation
PQFN-8



[IRF9358TRPBF](#)

Infineon Technologies Corporation
SOP-8



[IRFB7430PBF](#)

Infineon Technologies Corporation
TO-220



[IRFB3307ZPBF](#)

Infineon Technologies Corporation
TO-220AB



[IRF7351TRPBF](#)

Infineon Technologies Corporation
SOIC-8



[IRFR1018ETRPBF](#)

Infineon Technologies Corporation
TO-252AA