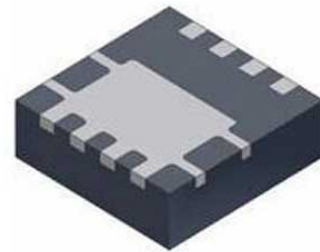


P-Channel MOSFET, 6 A, 30 V HEXFET, 7-Pin PQFN Infineon

Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	6-PowerVDFN
Product Type	Transistors
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for IRFHS9301TRPBF 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 power package

Low  $R_{DS(on)}$  in a small package

Wide availability from distribution partners

Industry standard qualification level

Standard pinout allows for drop in replacement

High power density

Adapter

Telecom

Wireless charger

## 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 power package

Potential replacement to high-RDS(on) PQFN 3.3x3.3 package

## Application

Adapter

Telecom

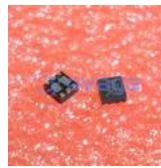
Wireless charger

## Related Products



### [IRLTS6342TRPBF](#)

Infineon Technologies Corporation  
TSOP-6



### [IRLHS6376TRPBF](#)

Infineon Technologies Corporation  
PQFN2x2DD



### [IRF9310PBF](#)

Infineon Technologies Corporation  
SOIC-8



### [IRFH9310TRPBF](#)

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PQFN-8



### [IRF9358TRPBF](#)

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### [IRFB7430PBF](#)

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TO-220



### [IRFB3307ZPBF](#)

Infineon Technologies Corporation  
TO-220AB



### [IRF7351TRPBF](#)

Infineon Technologies Corporation  
SOIC-8