

Trans MOSFET P-CH Si 30V 21A 8-Pin PQFN T/R

Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	PQFN-8
Product Type	Transistors
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for IRFH9310TRPBF 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.

Industry standard surface-mount power package

Product qualification according to JEDEC standard

Silicon optimized for applications switching below <100 kHz

Softer body-diode compared to previous silicon generation

Wide portfolio available

Standard pinout allows for drop in replacement

Industry standard qualification level

High performance in low frequency applications

Increased power density

Provides designers flexibility in selecting the most optimal device for their application

Charge and discharge switch for Notebook PC Battery Application

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

## **Features**

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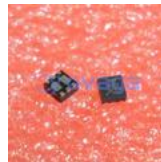


### Related Products



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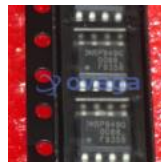
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