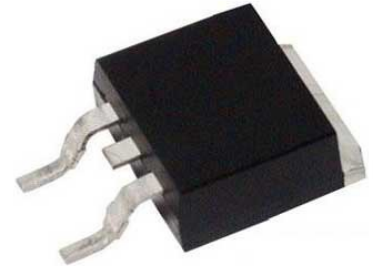


-100V Single P-Channel HEXFET Power MOSFET in a D2-Pak package; Similar to IRF9540NS with Lead Free packaging shipped on Tape and Reel Left.

Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	D2PAK
Product Type	Transistors
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for IRF9540NSTRLPBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

Fifth Generation HEXFETs from International Rectifier utilize advanced processing techniques to achieve extremely low on-resistance per silicon area. This benefit, combined with the fast switching speed and ruggedized device design that HEXFET Power MOSFETs are well known for, provides the designer with an extremely efficient and reliable device for use in a wide variety of applications.

The D2Pak is a surface mount power package capable of accommodating die sizes up to HEX-4. It provides the highest power capability and the lowest possible on-resistance in any existing surface mount package. The D2Pak is suitable for high current applications because of its low internal connection resistance and can dissipate up to 2.0W in a typical surface mount application.

The through-hole version (IRF9540L) is available for low profile applications.

- Advanced Process Technology
- Surface Mount (IRF9540S)
- Low-profile through-hole (IRF9540L)
- 175°C Operating Temperature
- Fast Switching
- P-Channel
- Fully Avalanche Rated

## Features

RoHS Compliant

Low RDS(on)

Industry-leading quality

Dynamic dv/dt Rating

Fast Switching

Fully Avalanche Rated

175°C Operating Temperature

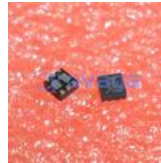
P-Channel MOSFET

## 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](#)

Infineon Technologies Corporation  
TO-220AB



### [IRF7351TRPBF](#)

Infineon Technologies Corporation  
SOIC-8