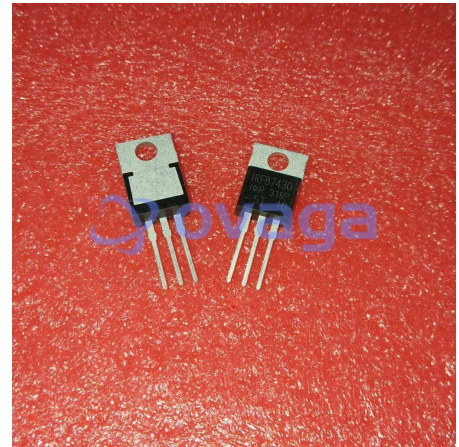


N-Channel MOSFET, 195 A, 40 V StrongIRFET, 3-Pin TO-220AB Infineon

Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	TO-220
Product Type	Transistors
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for IRFB7430PBF 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.

High-current rating

Product qualification according to JEDEC standard

Silicon optimized for applications switching below <100 kHz

Softer body-diode compared to previous silicon generation

Industry standard through-hole power package

Wide portfolio available

High-current carrying capability package

Industry standard qualification level

High performance in low frequency applications

Increased power density

Standard pinout allows for drop in replacement

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

Battery management systems

Power tools

DC Drives

Electric toys

## **Features**

High-current rating

Product qualification according to JEDEC standard

Silicon optimized for applications switching below <100 kHz

Softer body-diode compared to previous silicon generation

Industry standard through-hole power package

Wide portfolio available

High-current carrying capability package

Industry standard qualification level

High performance in low frequency applications

Increased power density

Standard pinout allows for drop in replacement

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

## **Application**

Battery management systems

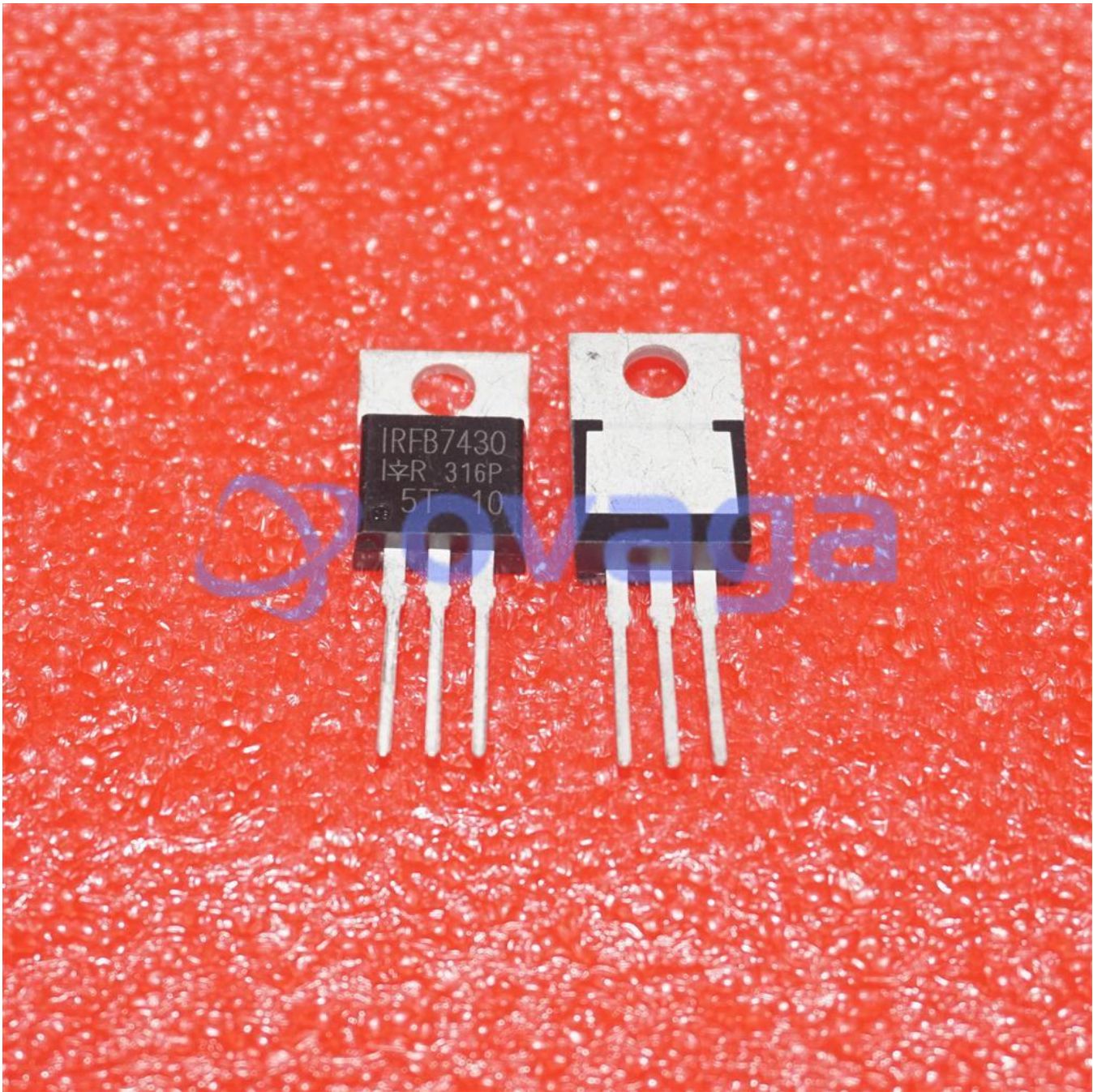
Power tools

DC Drives

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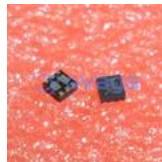


### Related Products



#### [IRLTS6342TRPBF](#)

Infineon Technologies Corporation  
TSOP-6



#### [IRLHS6376TRPBF](#)

Infineon Technologies Corporation  
PQFN2x2DD



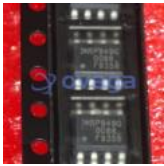
#### [IRF9310PBF](#)

Infineon Technologies Corporation  
SOIC-8



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