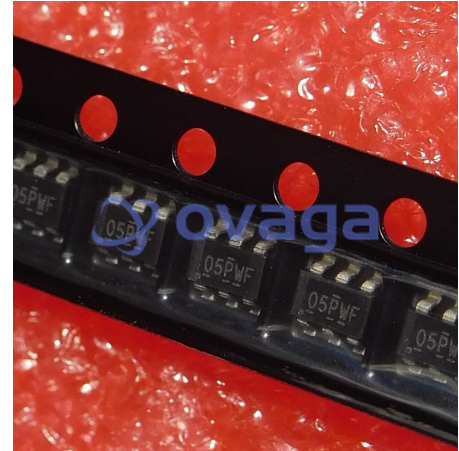


MOSFET 30V 8.3A 17.5mOhm 2.5V drive capable

Manufacturers	<u>Infineon Technologies Corporation</u>
Package/Case	TSOP-6
Product Type	Transistors
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for IRLTS6342TRPBF 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

High current-carrying capability in a small package

Wide availability from distribution partners

Industry standard qualification level

Standard pinout allows for drop in replacement

Ideally suited for space constrained applications

DC motor drives

Battery powered applications

System/Load Switch

Features

Optimized for broadest availability from distribution partners

Product qualification according to JEDEC standard

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

Industry standard surface-mount power package

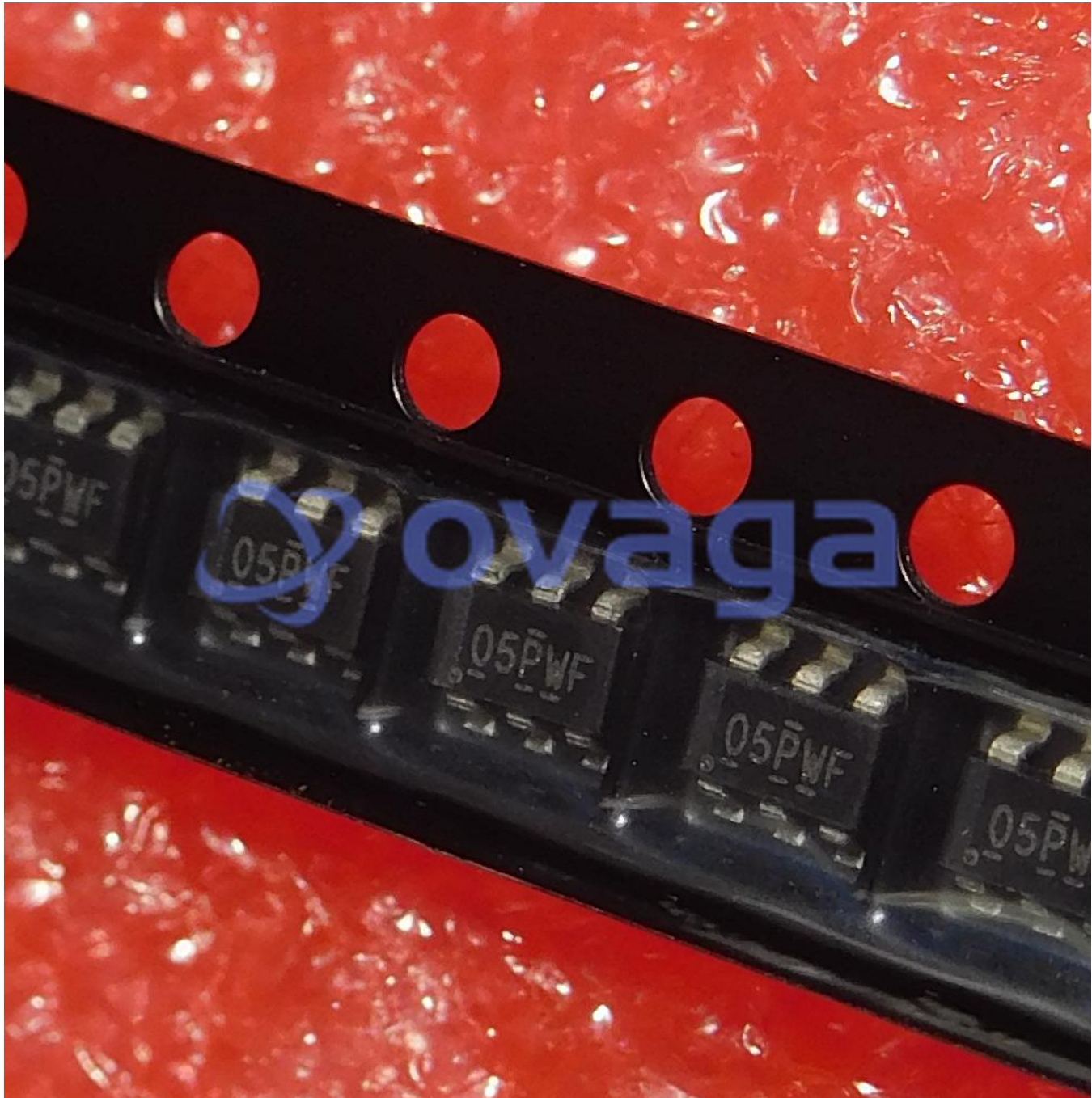
Capable of being wave-soldered

Application

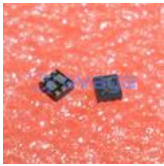
DC motor drives

Battery powered applications

System/Load Switch



Related Products



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[IRFH9310TRPBF](#)

Infineon Technologies Corporation
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[IRFB7430PBF](#)

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TO-220



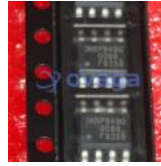
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