

N-Channel MOSFETs (>500V...900V); Package: PG-TO247-3; VDS (max): 600.0 V; RDS(ON) @ TJ=25°C VGS=10: 83.0 mOhm; ID(max) @ TC=25°C: 46.0 A; IDpuls (max): 118.0 A; MOSFET COOL MOS N-CH 600V 46A

Manufacturers	Infineon Technologies Corporation
Package/Case	TO-247
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SPW47N60CFD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

SPW47N60CFD is a power MOSFET transistor that is designed for high-performance applications in the field of power electronics. This device is manufactured by Infineon Technologies, a leading provider of power semiconductor solutions.

Features

Drain-Source Voltage (V_{dss}): 600V

Continuous Drain Current (I_d): 47A

Low RDS(on) for low conduction losses and high efficiency

Fast switching speed for improved performance in high-frequency applications

Low gate charge for reduced driving requirements and improved switching characteristics

Application

Switched-mode power supplies (SMPS)

Power factor correction (PFC) circuits

Motor control circuits

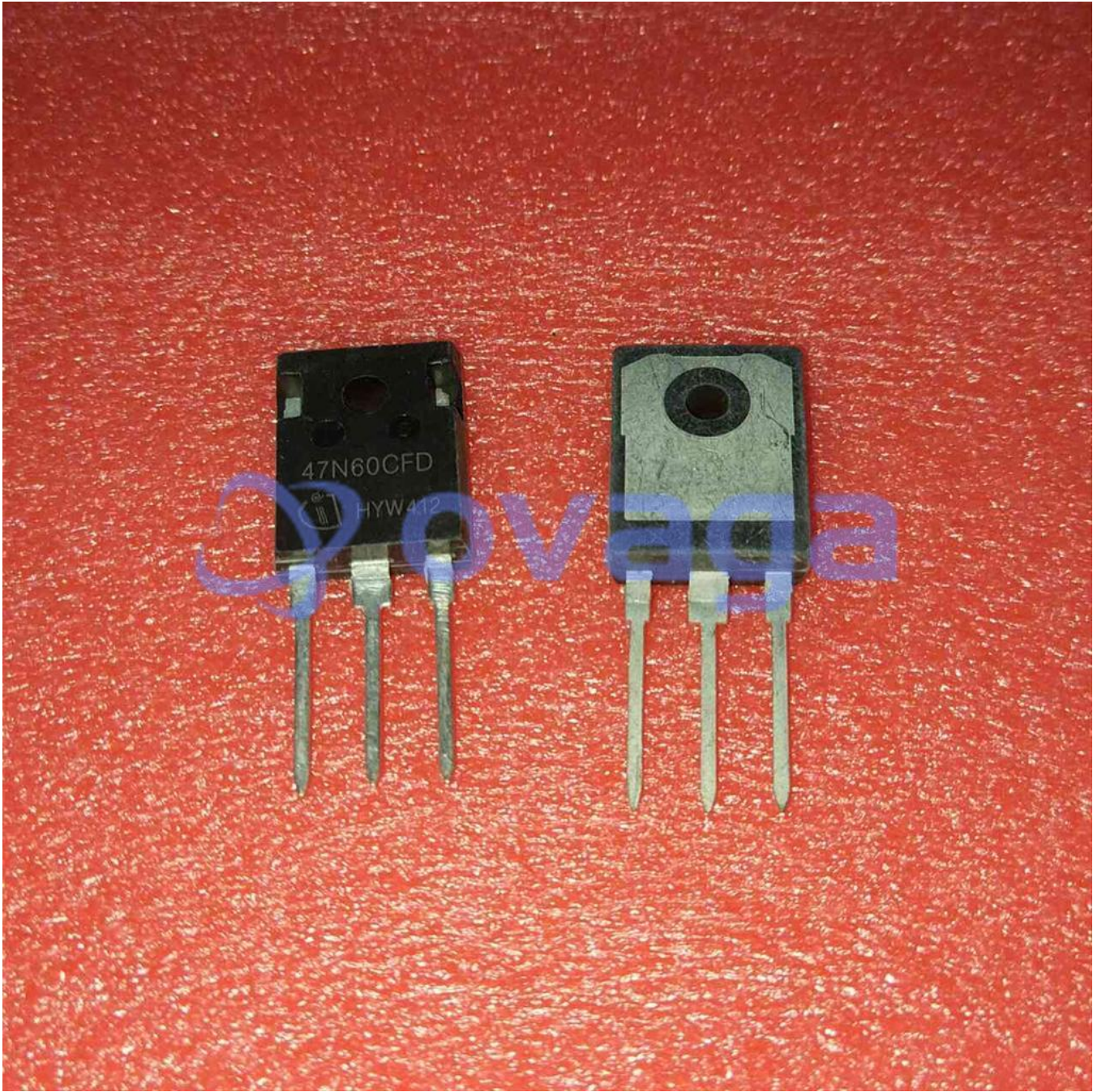
Solar inverters

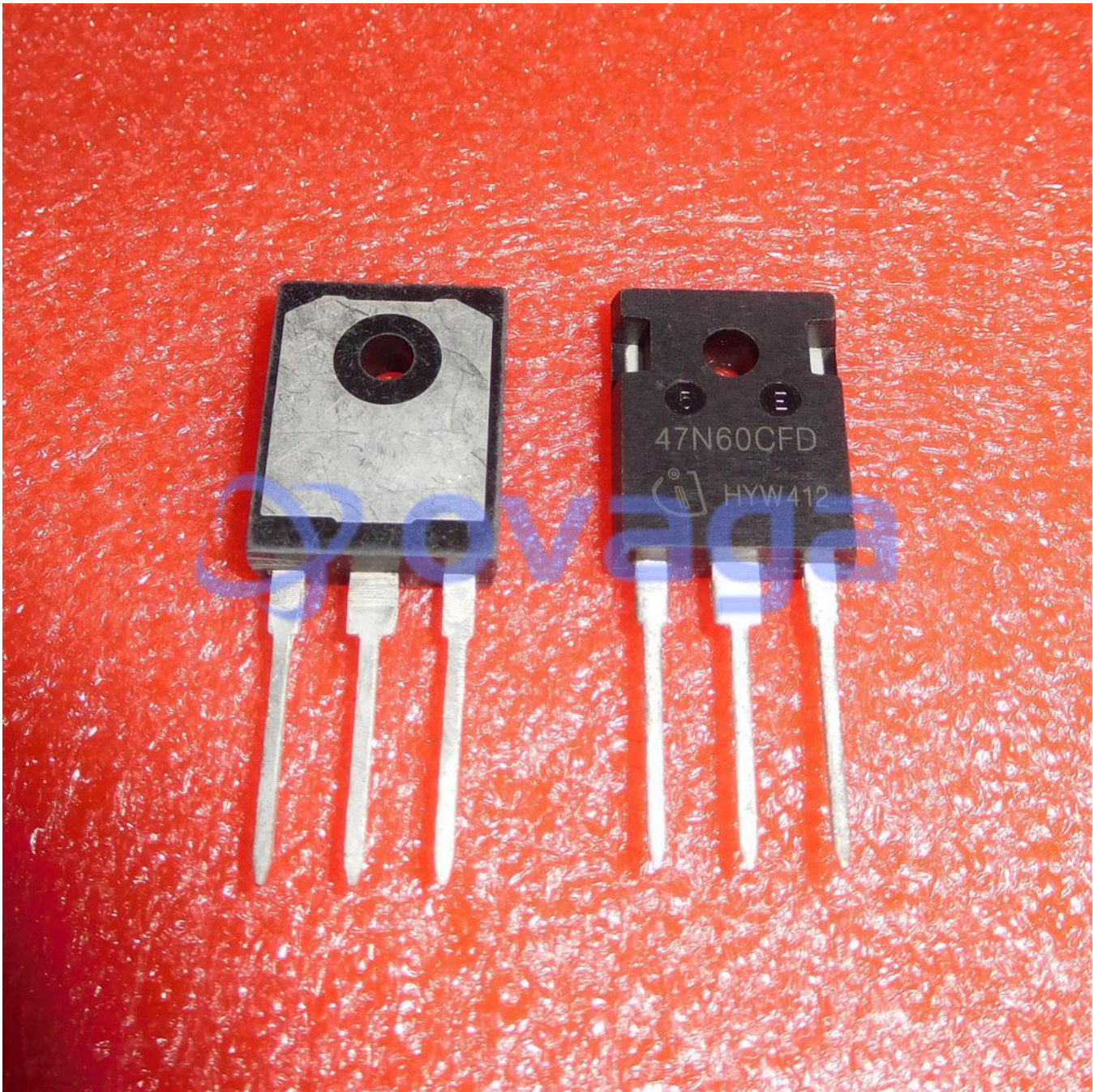
Lighting ballasts

Uninterruptible power supplies (UPS)

Welding equipment

High-frequency resonant converters





Related Products



[BSP613P](#)

Infineon Technologies Corporation
SOT-223



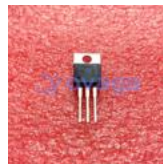
[SPP11N65C3](#)

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TO-220



[SPP07N65C3](#)

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TO-220AB



[SPP07N60S5](#)

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P-TO220-3-1



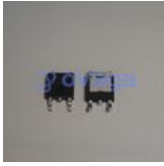
[SPP11N60C3XKSA1](#)

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PG-TO220



[IRF640NSPBF](#)

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PAK-3



[SPD03N60S5](#)

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TO-252



[SPP20N60CFD](#)

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TO-220AB