

Trans MOSFET N-CH 500V 45A

Manufacturers	NXP Semiconductor
Package/Case	TO-247
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for FDH45N50F or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

FDH45N50F is a power MOSFET transistor manufactured by Fairchild Semiconductor, which is now a part of ON Semiconductor.

Features

It has a drain-source voltage rating of 500V and a continuous drain current rating of 45A.

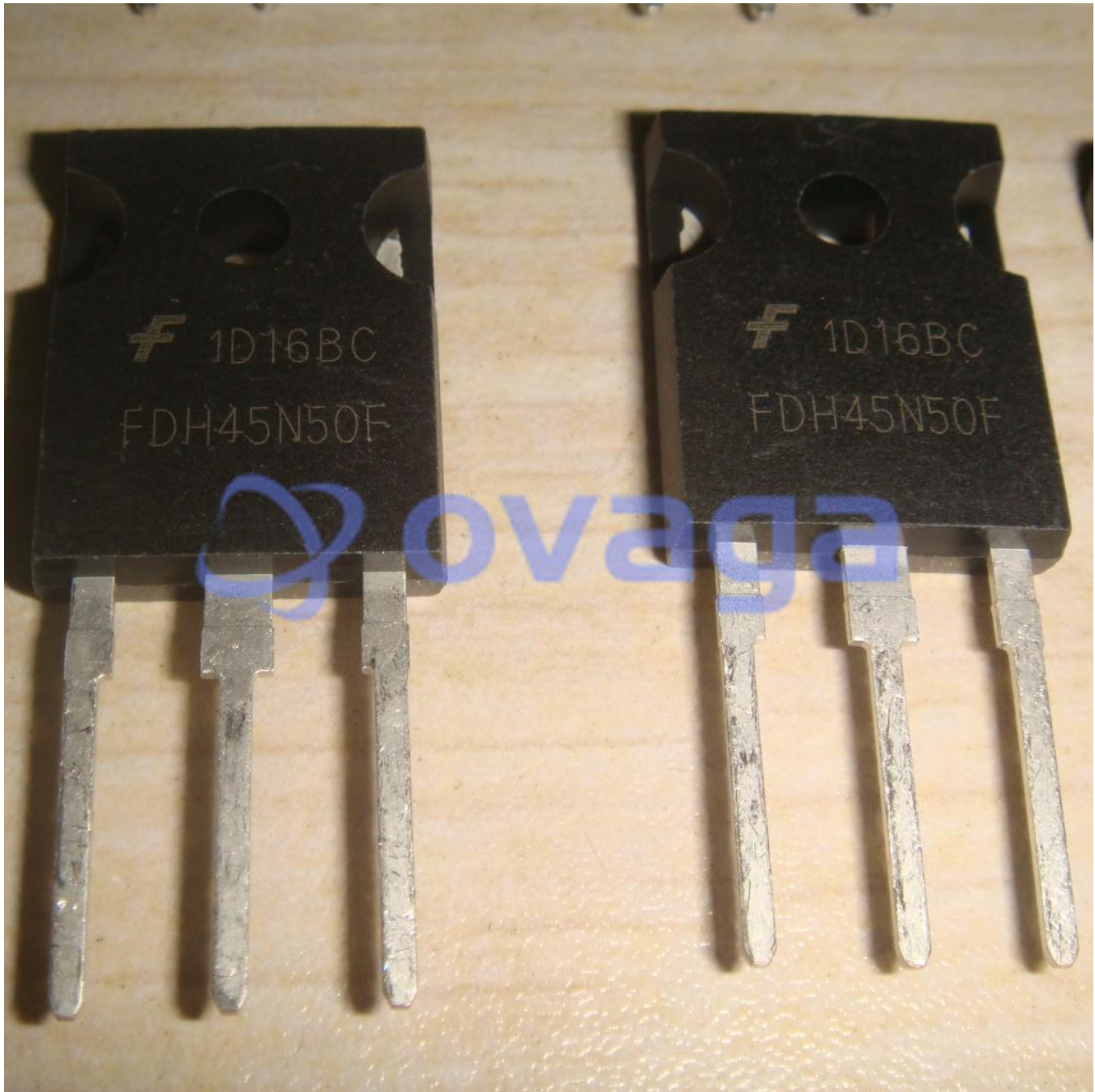
It has a low on-resistance of 0.098 ohms at a gate-source voltage of 10V, which helps to reduce power dissipation and improve efficiency.

It is designed with a fast switching speed and low gate charge, making it suitable for use in high-frequency switching applications.

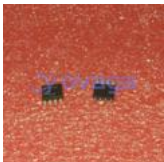
Application

It is commonly used in power conversion circuits, such as switch-mode power supplies, motor drives, and inverters.

It can also be used in lighting ballast circuits, uninterruptible power supplies (UPS), and welding equipment.



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