

500V N-Channel MOSFET, MOSFET 500V N-Channel FRFET

Manufacturers	<u><a href="#">NXP Semiconductor</a></u>
Package/Case	TO-3PN
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for FQA28N50F or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

FQA28N50F is a specific part number for a power MOSFET (Metal-Oxide-Semiconductor Field-Effect Transistor) semiconductor device. Here's some information about its features, applications, and equivalent parts number list:

### Features

**Voltage Rating:** The FQA28N50F has a voltage rating of 500V, which makes it suitable for high voltage applications.

**Current Rating:** It has a current rating of 28A, making it capable of handling high current loads.

**Low On-Resistance:** The FQA28N50F has a low on-resistance of typically 0.12 ohms, which allows for efficient power switching and low conduction losses.

**Fast Switching Speed:** It has a fast switching speed, which makes it suitable for applications requiring high-frequency switching.

### Application

**Power Electronics:** FQA28N50F can be used in various power electronics applications such as switch mode power supplies (SMPS), motor drives, LED lighting, and uninterruptible power supplies (UPS).

**Industrial Applications:** It can be used in industrial applications like welding equipment, power tools, and industrial automation systems.

**Automotive Electronics:** FQA28N50F can be used in automotive applications such as electric vehicle (EV) charging systems, motor control for electric power steering, and other automotive power distribution systems.



**Related Products**



[FQP9N50C](#)

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TO-220-3



[FQP18N50V2](#)

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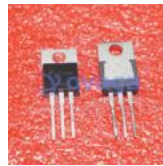
[FQPF20N60C](#)

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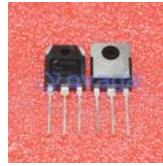
[FQU13N10LTU](#)

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