

Trans MOSFET N-CH 600V 2A

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	TO-220
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for FQPF20N60C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

FQPF20N60C is a specific model number of a Power MOSFET (Metal-Oxide-Semiconductor Field-Effect Transistor) semiconductor device. Let me provide you with some information about it:

### Features

**Voltage Rating:** The FQPF20N60C has a voltage rating of 600V, which makes it suitable for high voltage applications.

**Current Rating:** It has a maximum continuous drain current ( $I_D$ ) of 20A, which makes it capable of handling high current loads.

**Low On-Resistance:** The FQPF20N60C has a low on-resistance ( $R_{DS(ON)}$ ) of typically 0.26 ohms, which helps to reduce conduction losses and improve efficiency in switching applications.

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

**Avalanche Rated:** The FQPF20N60C is avalanche rated, which means it can handle energy spikes caused by inductive loads without being damaged.

### Application

**Switching Power Supplies:** The FQPF20N60C can be used in switch-mode power supplies (SMPS) for efficient voltage regulation and power conversion.

**Motor Control:** It can be used in motor control applications, such as motor drives for appliances, industrial equipment, and automotive systems.

**Lighting:** The FQPF20N60C can be used in LED lighting applications for efficient power switching and dimming control.

**Inverters:** It can be used in inverter applications for converting DC power to AC power, such as in solar inverters and uninterruptible power supplies (UPS).



**Related Products**



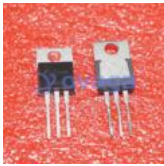
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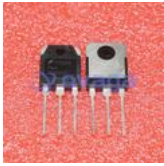
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