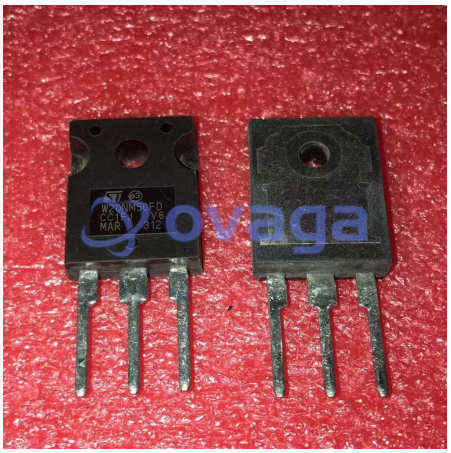
STW20NM50FD

Data Sheet

Ceramic Multilayer Capacitor; Capacitor Type:General Purpose; Capacitance:470pF; Capacitance Tolerance: 5%; Voltage Rating:100VDC; Capacitor Dielectric Material:Multilayer Ceramic; Termination:Axial Leaded RoHS Compliant: Yes,Bipolar Transistors N-Ch 500 Volt 20 Amp

Manufacturers	STMicroelectronics, Inc
Package/Case	TO-247
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for STW20NM50FD or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

STW20NM50FD is a specific model of MOSFET, which stands for Metal-Oxide-Semiconductor Field-Effect Transistor. It is a type of transistor that is commonly used in electronic circuits for switching and amplification purposes.

Features

It is an N-channel MOSFET with a maximum drain-source voltage of 500V and a maximum continuous drain current of 20A.

The device is designed with a low on-resistance (RDS(on)) of 0.23 ohms, which allows for low power dissipation and high efficiency.

It has a fast switching speed, which makes it suitable for high-frequency applications.

The device also features built-in protection mechanisms such as over-current, over-temperature, and over-voltage protection.

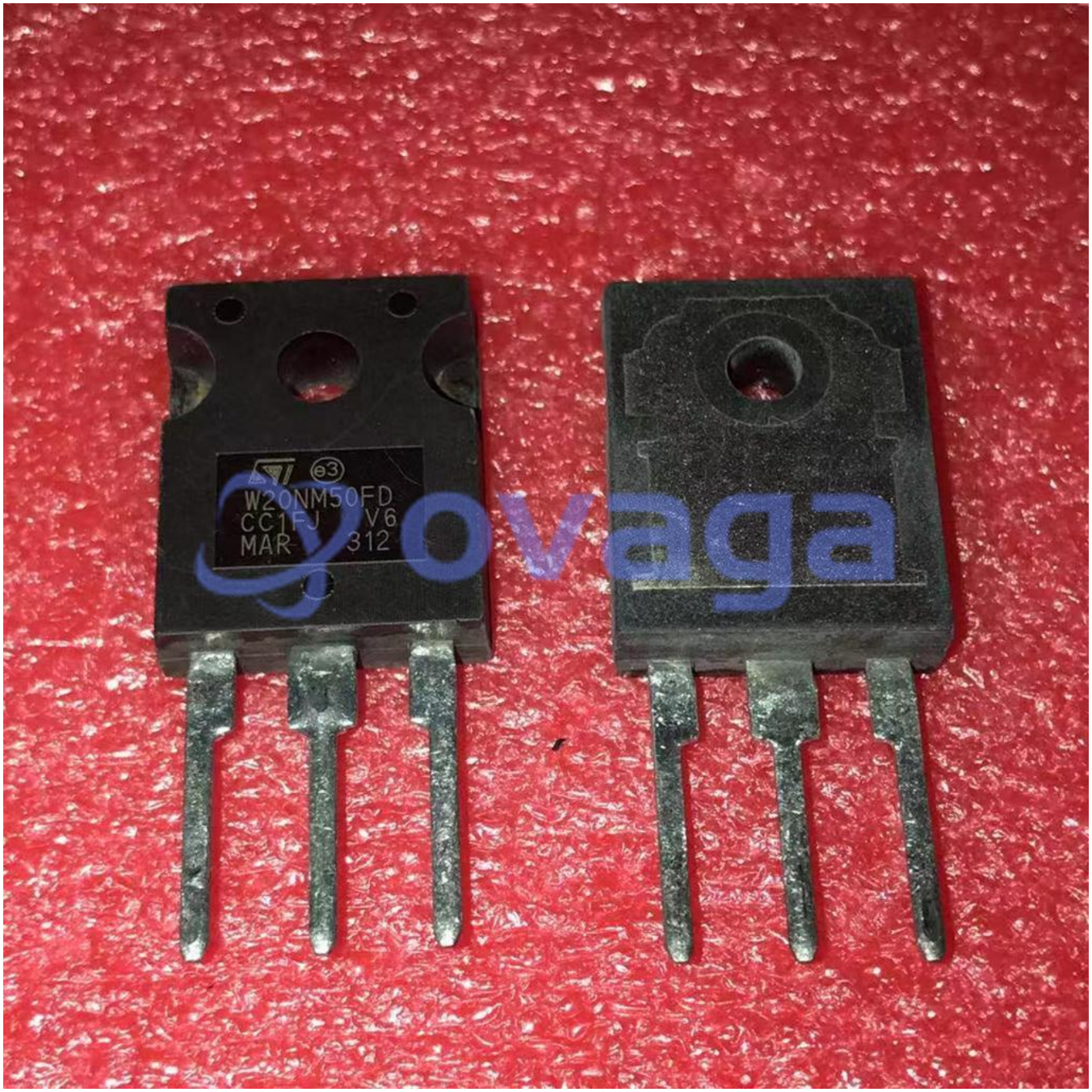
Application

Power supplies: MOSFETs are commonly used in power supplies to switch high currents on and off.

Motor control: MOSFETs can be used in motor control circuits to regulate the speed of the motor.

Lighting control: MOSFETs can be used to switch lights on and off, as well as to regulate their brightness.

Audio amplifiers: MOSFETs can be used in audio amplifier circuits to amplify the signal.


W20NM50FD
CC1FJ V6
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Related Products

[STF42N65M5]

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TO-220FP

[STN3NF06]

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SOT-223

[STP11NM60FD]

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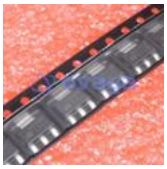

STN9360

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