

N-CHANNEL 500V - 0.31W - 14A PowerMesh II MOSFET

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



Images are for reference only

Please submit RFQ for STW14NC50 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

STW14NC50 is a type of power MOSFET (Metal Oxide Semiconductor Field Effect Transistor) manufactured by STMicroelectronics.

Features

It has a maximum drain-source voltage (V_{ds}) of 500V.

It can handle a maximum continuous drain current (I_d) of 14A.

It has a low on-resistance ($R_{ds(on)}$) of 0.4 Ohm, which means it has a low voltage drop across the transistor when it is conducting current.

It is designed for high-speed switching applications.

It has a TO-247 package, which allows for high thermal conductivity and high power dissipation.

Application

Switching power supplies.

Motor control.

Lighting ballasts.

Welding equipment.

UPS (Uninterruptible Power Supplies) systems.



Related Products



[STF42N65M5](#)

STMicroelectronics, Inc
TO-220FP



[STN3NF06](#)

STMicroelectronics, Inc
SOT-223



[STP11NM60FD](#)

STMicroelectronics, Inc
TO-220



[STP11NK50Z](#)

STMicroelectronics, Inc
TO-220-3



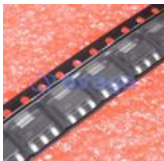
[STB75NF75](#)

STMicroelectronics, Inc
TO-263



[STN951](#)

STMicroelectronics, Inc
SOT-223



[STN9360](#)

STMicroelectronics, Inc
SOT-223



[STN83003](#)

STMicroelectronics, Inc
SOT-223