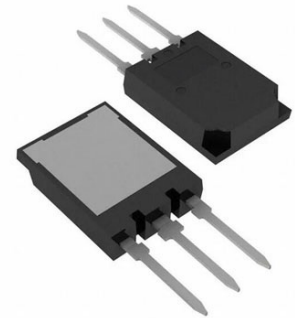


**Trans MOSFET N-CH 950V 17.5A Automotive 3-Pin(3+Tab)  
TO-247 Tube**



Images are for reference only

**Manufacturer:** [STMicroelectronics, Inc](#)

**Package/Case:** TO-247-3

**Product Type:** Thyristors

**Lifecycle:** Active

[Inquiry](#)

## General Description

This very high voltage N-channel Power MOSFET is designed using MDmesh™ K5 technology based on an innovative proprietary vertical structure. The result is a dramatic reduction in on-resistance and ultra-low gate charge for applications requiring superior power density and high efficiency.

## Key Features

AEC-Q101 qualified

Industry's lowest RDS(on) x area

Industry's best FoM (figure of merit)

Ultra-low gate charge

100% avalanche tested

Zener-protected

## Recommended For You

### STGIF5CH60TS-L

STMicroelectronics, Inc

SDIP2B-26

### STGIPS10K60A

STMicroelectronics, Inc

SDIP-25L

### STP24NF10

STMicroelectronics, Inc

TO-220

### STGW30NC120HD

STMicroelectronics, Inc

TO-247

### STGIPS20K60

STMicroelectronics, Inc

SDIP-25

### STB75NF75LT4

STMicroelectronics, Inc

TO-263

**STD20NF06LT4**

STMicroelectronics, Inc

TO-252

**STGW45HF60WD**

STMicroelectronics, Inc

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**STGW19NC60HD**

STMicroelectronics, Inc

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**STGW30NC60WD**

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**STGW40HI20DF2**

STMicroelectronics, Inc

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**STGW40V60DF**

STMicroelectronics, Inc

TO-247

**STGB10NC60HD**

STMicroelectronics, Inc

D2PAK

**STGB30V60DF**

STMicroelectronics, Inc

TO-263

**STGP30H60DF**

STMicroelectronics, Inc

TO-220