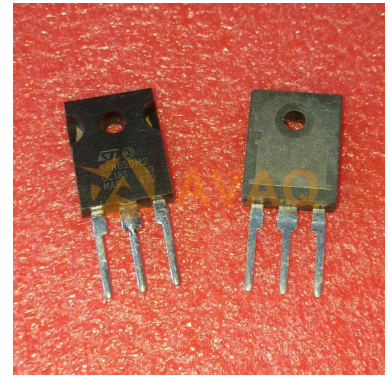


Trans MOSFET N-CH 650V 48A Automotive 3-Pin(3+Tab) TO-247 Tube



Images are for reference only

[Inquiry](#)

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: TO-247

Product Type: Thyristors

Lifecycle: Active

General Description

This high-voltage N-channel Power MOSFET is part of the MDmesh™ DM2 fast-recovery diode series. It offers very low recovery charge (Q_{rr}) and time (t_{rr}) combined with low $R_{DS(on)}$, rendering it suitable for the most demanding high-efficiency converters and ideal for bridge topologies and ZVS phase-shift converters.

Key Features

AEC-Q101 qualified

Fast-recovery body diode

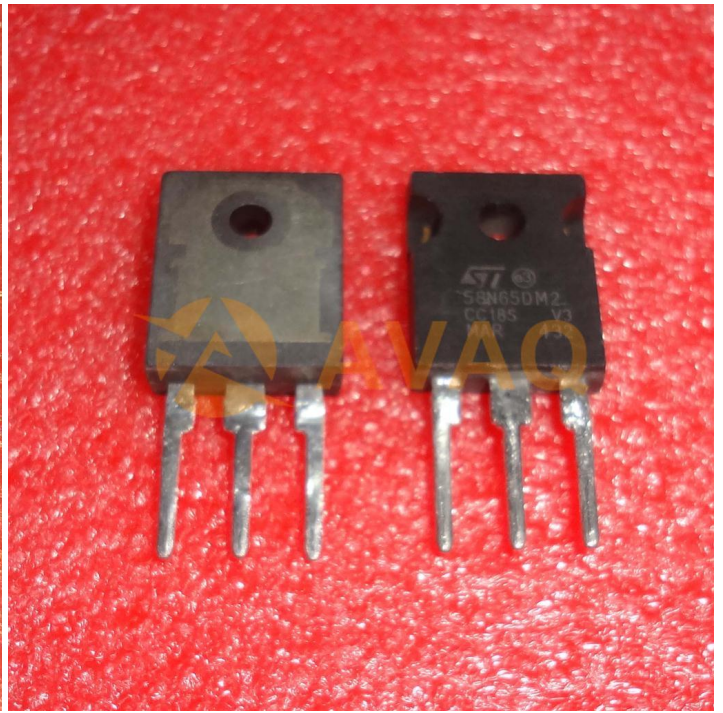
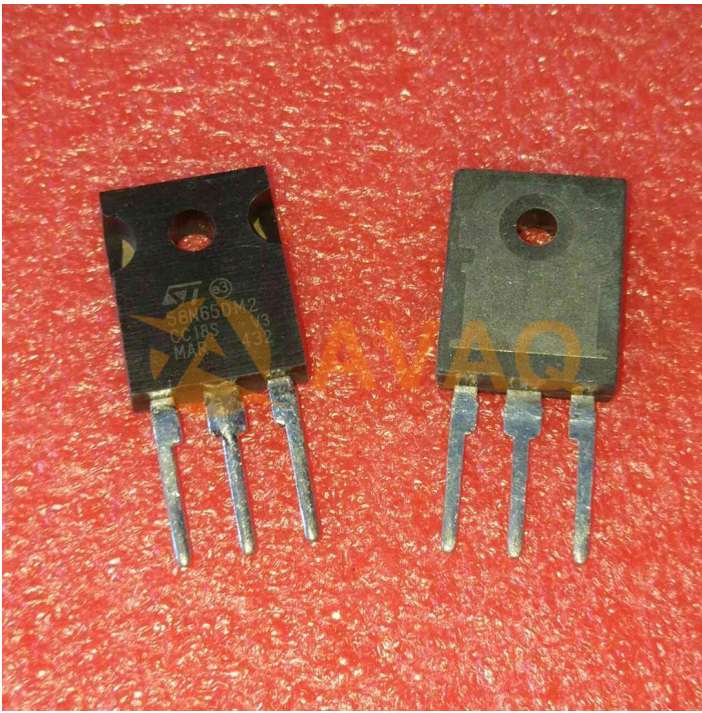
Extremely low gate charge and input capacitance

Low on-resistance

100% avalanche tested

Extremely high dv/dt ruggedness

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

TO-247

STGW19NC60HD

STMicroelectronics, Inc

TO-247

STGW30NC60WD

STMicroelectronics, Inc

TO-247

STGW40H120DF2

STMicroelectronics, Inc

TO-247

STGW40V60DF

STMicroelectronics, Inc

TO-247

STGB10NC60HD

STMicroelectronics, Inc

D2PAK

STGB30V60DF

STMicroelectronics, Inc

TO-263

STGP30H60DF

STMicroelectronics, Inc

TO-220