

Trans IGBT Chip N-CH 400V 25A 150mW Automotive 3-Pin(2+Tab) DPAK T/R



Images are for reference only

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: TO-252

Product Type: Thyristors

Lifecycle: Active

[Inquiry](#)

General Description

This application-specific IGBT utilizes the most advanced PowerMESH technology optimized for coil driving in the harsh environment of automotive ignition systems. These devices show very low on-state voltage and very high SCIS energy capability over a wide operating temperature range. Moreover, ESD-protected logic level gate input and an integrated gate resistor means no external protection circuitry is required.

Key Features

AEC-Q101 qualified

SCIS energy of 320 mJ @ TJ = 25 °C

Parts are 100% tested in SCIS

ESD gate-emitter protection

Gate-collector high voltage clamping

Logic level gate drive

Very low saturation voltage

High pulsed current capability

Gate and gate-emitter resistor

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