


Trans IGBT Chip N-CH 1200V 80A 468mW 3-Pin(3+Tab) TO-247 Tube

Manufacturer:	STMicroelectronics, Inc
Package/Case:	TO247
Product Type:	Thyristors
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

STGWA40S120DF3 is a power semiconductor device, specifically a IGBT (Insulated Gate Bipolar Transistor), made by STMicroelectronics. Here are some features of this component:

Key Features

- Collector-emitter voltage (Vce): 1200V
- Continuous collector current (Ic): 40A
- Maximum power dissipation: 290W
- Low VCE(sat) for improved system efficiency
- Short circuit withstand time of 10us
- Integrated temperature sensor for thermal management

Application

- IRGP4062DPBF by Infineon
- FGA40N120AN by Fairchild Semiconductor
- IHW40N120R3 by Infineon
- APT40GS120BRG by Microsemi
- MG400J2YS50 by Toshiba

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

STGW40HI20DF2

STMicroelectronics, Inc

TO-247

STGW40V60DF

STMicroelectronics, Inc

TO-247

STGB10NC60HD

STMicroelectronics, Inc

D2PAK

STGB30V60DF

STMicroelectronics, Inc

TO-263

STGP30H60DF

STMicroelectronics, Inc

TO-220