

## Trans IGBT Chip N-CH 600V 20A 65mW 3-Pin(2+Tab) D2PAK



Images are for reference only

[Inquiry](#)

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

**Package/Case:** D2PAK

**Product Type:** Thyristors

**Lifecycle:** Unconfirmed

### General Description

STGB10NC60HD is a power IGBT (Insulated Gate Bipolar Transistor) module developed by STMicroelectronics, a leading semiconductor company. It is designed for high-performance applications requiring high voltage and high current switching capabilities.

### Key Features

Collector-emitter voltage (Vce): 600V

Collector current (Ic): 20A

Maximum junction temperature (Tj): 150°C

Low on-state voltage drop (Vce(sat)): 2.2V (typical) at 20A

Built-in gate protection diode for fast switching

High switching frequency capability up to 30 kHz

### Application

Inverters and converters for motor control

Switching power supplies

UPS (Uninterruptible Power Supply) systems

Welding equipment

Induction heating equipment

Lighting systems



## Recommended For You

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### **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

### **SIB75NF75LT4**

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  
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### **STGW40V60DF**

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### **STGB30V60DF**

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TO-263

### **STGP30H60DF**

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### **STGW40N120KD**

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