

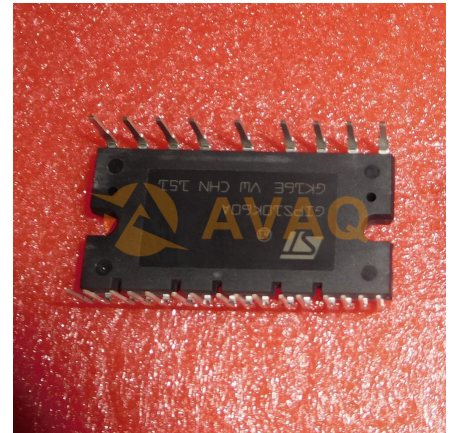
## IPM IGBT 600V 10A 25-Pin SDIP Tube

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

**Package/Case:** SDIP-25L

**Product Type:**

**Lifecycle:** LTB



Images are for reference only

[Inquiry](#)

## General Description

This intelligent power module provides a compact, high performance AC motor drive in a simple, rugged design. Combining ST proprietary control ICs with the most advanced short-circuit-rugged IGBT system technology, this device is ideal for 3-phase inverters in applications such as home appliances and air conditioners. SLLIMM? is a trademark of STMicroelectronics.

## Key Features

Short-circuit rugged IGBT

VCE(sat) negative temperature coefficient

3.3/5/15V CMOS/TTL inputs comparators with hysteresis and pull-down resistor

Undervoltage lockout

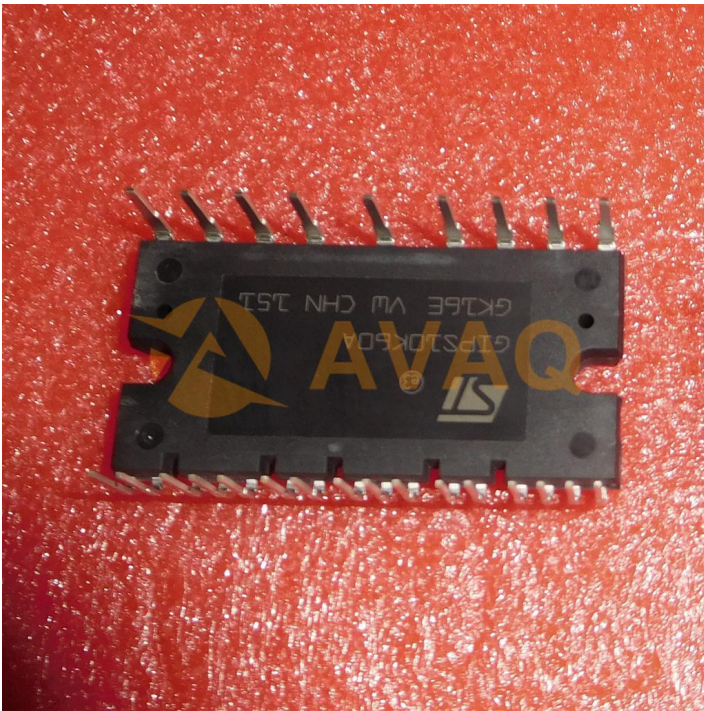
Internal bootstrap diode

Interlocking function

DBC substrate leading to low thermal resistance

2500VRMS/minute Isolation rating

5kR NTC thermistor for temperature control



## Recommended For You

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### **STGIF5CH60TS-L**

STMicroelectronics, Inc  
SDIP2B-26

### **STP24NF10**

STMicroelectronics, Inc  
TO-220

### **STGW30NC120HD**

STMicroelectronics, Inc  
TO-247

### **STGIPS20K60**

STMicroelectronics, Inc  
SDIP-25

### **STB75NF75LT4**

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TO-263

### **STD20NF06LT4**

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TO-252

### **STGW45HF60WD**

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### **STGW40V60DF**

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