

IPM IGBT 600V 18A 25-Pin SDIP Tube

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: SDIP-25

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 IGBTs

3.3 V, 5 V, 15 V CMOS/TTL inputs comparators with hysteresis and pull down / pull up resistors

Under voltage lockout

Internal bootstrap diode

Interlocking function

Smart shutdown function

Comparator for fault protection against over temperature and over current

DBC leading to low thermal resistance



Recommended For You

STGIF5CH60TS-L

STMicroelectronics, Inc
SDIP2B-26

STGIPS10K60A

STMicroelectronics, Inc
SDIP-25L

STP24NF10

STMicroelectronics, Inc
TO-220

STGW30NC120HD

STMicroelectronics, Inc
TO-247

STB75NF75LT4

STMicroelectronics, Inc
TO-263

SID20NF06LT4

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

STGW40N120KD

STMicroelectronics, Inc
TO-247