


IPM IGBT 600V 10A 25-Pin SDIP Tube

Manufacturer:	STMicroelectronics, Inc
Package/Case:	DIP
Product Type:	
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	LTB



Images are for reference only

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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

IPM 10 A, 600 V 3-phase IGBT inverter bridge including control ICs for gate driving and free-wheeling diodes

Short-circuit rugged IGBTs

V

CE(sat)

negative temperature coefficient

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

Undervoltage lockout

Internal bootstrap diode

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