




	<p>Manufacturer Part Number: STGP19NC60HD</p>
	<p>Manufacturer/Brand: STMicroelectronics</p>
	<p>Part of Description: IGBT 600V 40A 130W TO220</p>
	<p>Datasheets:  STGP19NC60HD.pdf</p>
	<p>RoHs Status:  Lead free / RoHS Compliant</p>
	<p>Stock Condition: New original, 2289 pcs Stock Available.</p>
	<p>Ship From: Hong Kong</p>
	<p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	STGP19NC60HD
Manufacturer	STMicroelectronics
Description	IGBT 600V 40A 130W TO220
Category	Discrete Semiconductor Products > Transistors - IGBTs
Part Status	2289 pcs Stock
Series	PowerMESH™
Input Type	Standard
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Power - Max	130W
Package / Case	TO-220-3
Supplier Device Package	TO-220
Reverse Recovery Time (trr)	31ns
Current - Collector (Ic) (Max)	40A
Voltage - Collector Emitter Breakdown (Max)	600V
IGBT Type	-
Vce(on) (Max) @ Vge, Ic	2.5V @ 15V, 12A
Current - Collector Pulsed (Icm)	60A
Switching Energy	85µJ (on), 189µJ (off)
Gate Charge	53nC
Td (on/off) @ 25°C	25ns/97ns
Test Condition	390V, 12A, 10 Ohm, 15V
Packaging	Tube

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 STGP15M65DF2 STMicroelectronics TRENCH GATE FIELD-STOP IGBT M SE	 STGP19NC60W STMicroelectronics IGBT 600V 40A 130W TO220	 STGP18N40LZ STMicroelectronics IGBT 420V 30A 150W TO220	 STGP19NC60H STMicroelectronics IGBT 600V 40A 130W TO220

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 STGF19NC60HD	 STGF19NC60KD	 STGF19NC60WD	 STGF7NC60HD	 STGF8NC60KD
 STGiPS10K60A	 STGiPS10K60T	 STGP10NB37LZ	 STGP10NB60S	 STGP10NB60SD
 STGP10NB60SFP	 STGP10NC60HD	 STGP10NC60K	 STGP10NC60KD	 STGP14NC60KD
 STGP19NC60KD	 STGP19NC60SD	 STGP19NC60WD	 STGP20NB60K	 STGP20V60F
 STGP30NC60S	 STGP30NC60W	 STGP3NB60HD	 STGP3NB60KD	 STGP6NC60HD
 STGP7NB60KD	 STGP7NC60HD	 STGP8NC60KD	 STGW15H120DF2	 STGW19NC60H
 STGW19NC60H/HD	 STGW19NC60HD	 STGW19NC60W	 STGW19NC60W/WD	 STGW19NC60WD
 STGW20N60DF	 STGW20NB60H	 STGW20NB60HD	 STGW20NC60V	 STGW20NC60VD

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