

STGP8NC60KD



Part Number: [STGP8NC60KD](#)
Manufacturer: [STMicroelectronics](#)
Description: IGBT 600V 15A 65W TO220
Data sheet: [PDF STGx8NC60KD](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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 See Product Specifications for product details.
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PRODUCT PARAMETER

Part Number	STGP8NC60KD
Manufacturer	STMicroelectronics
Description	IGBT 600V 15A 65W TO220
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	110876 pcs
Product Photo	STGP8NC60KD.jpg
Category	Discrete Semiconductor Products
Voltage - Collector Emitter Breakdown (Max)	600V
Vce(on) (Max) @ Vge, Ic	2.75V @ 15V, 3A
Test Condition	390V, 3A, 10 Ohm, 15V
Td (on/off) @ 25°C	17ns/72ns
Switching Energy	55µJ (on), 85µJ (off)
Supplier Device Package	TO-220AB
Series	PowerMESH™
Reverse Recovery Time (trr)	23.5ns
Power - Max	65W
Packaging	Tube
Package / Case	TO-220-3
Other Names	497-7481-5 STGP8NC60KD-ND
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Standard
IGBT Type	-
Gate Charge	19nC
Detailed Description	IGBT 600V 15A 65W Through Hole TO-220AB
Current - Collector Pulsed (Icm)	30A
Current - Collector (Ic) (Max)	15A
Base Part Number	STG*8NC

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