











 life.augmented	Manufacturer Part Number: STGB3NC120HDT4
	Manufacturer/Brand: STMicroelectronics
 	Part of Description: IGBT 1200V 14A 75W D2PAK
	Datasheets:  STGB3NC120HDT4.pdf
RoHs Status:  Lead free / RoHS	Stock Condition: Compliant New original, Stock Available.
Ship From: Hong Kong	Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications

Part Number	STGB3NC120HDT4
Manufacturer	STMicroelectronics
Description	IGBT 1200V 14A 75W D2PAK
Category	Discrete Semiconductor Products > Transistors - IGBTs -
Part Status	Require For Quote & Check Stock
Voltage - Collector Emitter Breakdown (Max)	1200V
Vce(on) (Max) @ Vge, Ic	2.8V @ 15V, 3A
Test Condition	800V, 3A, 10 Ohm, 15V
Td (on/off) @ 25°C	15ns/118ns
Switching Energy	236µJ (on), 290µJ (off)
Supplier Device Package	D ² PAK
Series	PowerMESH™
Reverse Recovery Time (trr)	51ns
Power - Max	75W
Packaging	Tape & Reel (TR)
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Input Type	Standard
IGBT Type	-
Gate Charge	24nC
Current - Collector Pulsed (Icm)	20A
Current - Collector (Ic) (Max)	14A

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 STGB5H60DF STMicroelectronics TRENCH GATE FIELD-STOP IGBT, H S	 STGB40H65FB STMicroelectronics TRENCH GATE FIELD-STOP IGBT, HB	 STGB6M65DF2 STMicroelectronics IGBT TRENCH 650V 12A D2PAK	 STGB3HF60HD STMicroelectronics IGBT 600V 7.5A D2PAK

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STGB3NC120HDT4 Price	STGB3NC120HDT4 Manufacturer	STGB3NC120HDT4 Picture	STGB3NC120HDT4 Stock	STGB3NC120HDT4 Inventory
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