








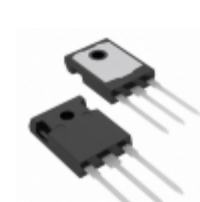
 life.augmented	Manufacturer Part Number: STGW40H120DF2
	Manufacturer/Brand: STMicroelectronics
	Part of Description: IGBT 1200V 40A HS TO-247
	Datasheets:  STGW40H120DF2.pdf
RoHs Status:  Lead free / RoHS	Stock Condition: Compliant New original, 158 pcs Stock Available.
Ship From: Hong Kong	Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications

Part Number	STGW40H120DF2
Manufacturer	STMicroelectronics
Description	IGBT 1200V 40A HS TO-247
Category	Discrete Semiconductor Products > Transistors - IGBTs -
Part Status	158 pcs Stock
Voltage - Collector Emitter Breakdown (Max)	1200V
Vce(on) (Max) @ Vge, Ic	2.6V @ 15V, 40A
Test Condition	600V, 40A, 10 Ohm, 15V
Td (on/off) @ 25°C	18ns/152ns
Switching Energy	1mJ (on), 1.32mJ (off)
Supplier Device Package	TO-247
Series	-
Reverse Recovery Time (trr)	488ns
Power - Max	468W
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Input Type	Standard
IGBT Type	Trench Field Stop
Gate Charge	187nC
Current - Collector Pulsed (Icm)	160A
Current - Collector (Ic) (Max)	80A

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