


 life.augmented	Manufacturer Part Number: STGW40S120DF3
	Manufacturer/Brand: STMicroelectronics
	Part of Description: IGBT 1200V 40A TO247
	Datasheets:  STGW40S120DF3.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.	

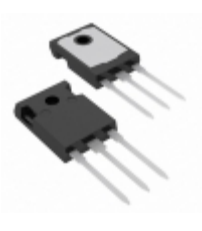







Specifications

Part Number	STGW40S120DF3
Manufacturer	STMicroelectronics
Description	IGBT 1200V 40A TO247
Category	Discrete Semiconductor Products > Transistors - IGBTs -
Part Status	Require For Quote & Check Stock
Voltage - Collector Emitter Breakdown (Max)	1200V
Vce(on) (Max) @ Vge, Ic	2.15V @ 15V, 40A
Test Condition	600V, 40A, 15 Ohm, 15V
Td (on/off) @ 25°C	35ns/148ns
Switching Energy	1.43mJ (on), 3.83mJ (off)
Supplier Device Package	TO-247-3
Series	-
Reverse Recovery Time (trr)	355ns
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	129nC
Current - Collector Pulsed (Icm)	160A
Current - Collector (Ic) (Max)	80A

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