









 life.augmented	Manufacturer Part Number: STGWA8M120DF3
	Manufacturer/Brand: STMicroelectronics
 Not Actual Photo YIC International Co., Limited.	Part of Description: IGBT
	Datasheets:  STGWA8M120DF3.pdf
RoHs Status:	Stock Condition: New original, Stock Available.
Ship From:	Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications

Part Number	STGWA8M120DF3
Manufacturer	STMicroelectronics
Description	IGBT
Category	Discrete Semiconductor Products > Transistors - IGBTs -
Part Status	Require For Quote & Check Stock
Voltage - Collector Emitter Breakdown (Max)	1200V
Vce(on) (Max) @ Vge, Ic	2.3V @ 15V, 8A
Test Condition	600V, 8A, 33 Ohm, 15V
Td (on/off) @ 25°C	20ns/126ns
Switching Energy	390µJ (on), 370µJ (Off)
Supplier Device Package	TO-247 Long Leads
Series	M
Reverse Recovery Time (trr)	103ns
Power - Max	167W
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Manufacturer Standard Lead Time	42 Weeks
Input Type	Standard
IGBT Type	Trench Field Stop
Gate Charge	32nC
Detailed Description	IGBT Trench Field Stop 1200V 16A 167W Through Hole
Current - Collector Pulsed (Icm)	32A
Current - Collector (Ic) (Max)	16A

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ADD:Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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