



STGW40M120DF3

Manufacturer Part Number:	STGW40M120DF3
Manufacturer / Brand	STMicroelectronics
Part of Description:	IGBT 1200V 80A 468W TO-247
Datasheets:	STGW40M120DF3.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 100 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of STGW40M120DF3

Part Number	STGW40M120DF3	Manufacturer / Brand	STMicroelectronics
Series	-	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-247-3	Packaging	Tube
Mounting Type	Through Hole	Supplier Device Package	TO-247
Operating Temperature	-55°C ~ 175°C (TJ)	Detailed Description	IGBT Trench Field Stop 1200V 80A 468W Through Hole TO-247
Input Type	Standard	Power - Max	468W
Reverse Recovery Time (trr)	355ns	Current - Collector (Ic) (Max)	80A
Voltage - Collector Emitter Breakdown (Max)	1200V	IGBT Type	Trench Field Stop
Vce(on) (Max) @ Vge, Ic	2.3V @ 15V, 40A	Current - Collector Pulsed (Icm)	160A
Switching Energy	1.5mJ (on), 2.25mJ (off)	Gate Charge	125nC
Td (on/off) @ 25°C	35ns/140ns	Test Condition	600V, 40A, 10 Ohm, 15V
Other Names	497-15002-5	Stock Quantity	100 pcs Stock
Category	Discrete Semiconductor Products > Transistors - IGBTs - Single	Description	IGBT 1200V 80A 468W TO-247
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords realted to STGW40M120DF3

STMicroelectronics STGW40M120DF3	STGW40M120DF3 part	STGW40M120DF3 Price	STGW40M120DF3 Distributor
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