










 life.augmented	Manufacturer Part Number: STGFW80V60F
	Manufacturer/Brand: STMicroelectronics
	Part of Description: IGBT 600V 120A 79W TO-3PF
	Datasheets:  STGFW80V60F.pdf
RoHs Status:  Lead free / RoHS	Stock Condition: Compliant New original, 1100 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	STGFW80V60F
Manufacturer	STMicroelectronics
Description	IGBT 600V 120A 79W TO-3PF
Category	Discrete Semiconductor Products > Transistors - IGBTs -
Part Status	1100 pcs Stock
Voltage - Collector Emitter Breakdown (Max)	600V
Vce(on) (Max) @ Vge, Ic	2.3V @ 15V, 80A
Test Condition	400V, 80A, 10 Ohm, 15V
Td (on/off) @ 25°C	60ns/220ns
Switching Energy	1.8mJ (on), 1mJ (off)
Supplier Device Package	TO-3PF
Series	-
Power - Max	79W
Packaging	Tube
Package / Case	TO-3P-3 Full Pack
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Input Type	Standard
IGBT Type	Trench Field Stop
Gate Charge	448nC
Current - Collector Pulsed (Icm)	240A
Current - Collector (Ic) (Max)	120A

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