










 life.augmented	<b>Manufacturer Part Number:</b> <a href="#">STGWT40H65DFB</a>
	<b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a>
	<b>Part of Description:</b> IGBT 650V 80A 283W TO3P-3L
	<b>Datasheets:</b>  <a href="#">STGWT40H65DFB.pdf</a>
	<b>RoHs Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b> Compliant New original, 30 pcs Stock Available.
	<b>Ship From:</b> Hong Kong
Image may be representation. See specs for product details.	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	<a href="#">STGWT40H65DFB</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Description	IGBT 650V 80A 283W TO3P-3L
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - IGBTs</a> -
Part Status	30 pcs Stock
Voltage - Collector Emitter Breakdown (Max)	650V
Vce(on) (Max) @ Vge, Ic	2V @ 15V, 40A
Test Condition	400V, 40A, 5 Ohm, 15V
Td (on/off) @ 25°C	40ns/142ns
Switching Energy	498µJ (on), 363µJ (off)
Supplier Device Package	TO-3P
Series	-
Reverse Recovery Time (trr)	62ns
Power - Max	283W
Packaging	Tube
Package / Case	TO-3P-3, SC-65-3
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Input Type	Standard
IGBT Type	Trench Field Stop
Gate Charge	210nC
Current - Collector Pulsed (Icm)	160A
Current - Collector (Ic) (Max)	80A

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