







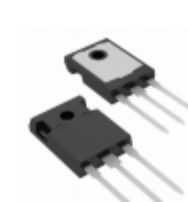
	<h2>STGW45NC60VD</h2>
	<p>Manufacturer Part Number: STGW45NC60VD</p> <p>Manufacturer/Brand: STMicroelectronics</p> <p>Part of Description: IGBT 600V 90A 270W TO247</p> <p>RoHs Status:  Lead free / RoHS</p> <p>Stock Condition: ^{Compliant} New original, 40 pcs Stock Available.</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	STGW45NC60VD
Manufacturer	STMicroelectronics
Description	IGBT 600V 90A 270W TO247
Category	Discrete Semiconductor Products > Transistors - IGBTs -
Part Status	40 pcs Stock
Voltage - Collector Emitter Breakdown (Max)	600V
Vce(on) (Max) @ Vge, Ic	2.4V @ 15V, 30A
Test Condition	390V, 30A, 10 Ohm, 15V
Td (on/off) @ 25°C	33ns/178ns
Switching Energy	333μJ (on), 537μJ (off)
Supplier Device Package	TO-247 Long Leads
Series	PowerMESH™
Reverse Recovery Time (trr)	45ns
Power - Max	270W
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Type	Standard
IGBT Type	-
Gate Charge	126nC
Current - Collector Pulsed (Icm)	220A
Current - Collector (Ic) (Max)	90A

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