	<h2 style="color: red;">HGTG18N120BN</h2> <p><b>Manufacturer Part Number:</b> <a href="#">HGTG18N120BN</a></p> <hr/> <p><b>Manufacturer/Brand:</b> <a href="#">Fairchild/ON Semiconductor</a></p> <hr/> <p><b>Part of Description:</b> IGBT 1200V 54A 390W TO247</p> <hr/> <p><b>Datasheets:</b>  <a href="#">HGTG18N120BN.pdf</a></p> <hr/> <p><b>RoHS Status:</b>  Lead free / RoHS</p> <hr/> <p><b>Stock Condition:</b> Compliant New original, 22349 pcs Stock Available.</p> <hr/> <p><b>Ship From:</b> Hong Kong</p> <hr/> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	









### Specifications

Part Number	HGTG18N120BN
Manufacturer	Fairchild/ON Semiconductor
Description	IGBT 1200V 54A 390W TO247
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - IGBTs</a> -
Part Status	22349 pcs Stock
Voltage - Collector Emitter Breakdown (Max)	1200V
Vce(on) (Max) @ Vge, Ic	2.7V @ 15V, 18A
Test Condition	960V, 18A, 3 Ohm, 15V
Td (on/off) @ 25°C	23ns/170ns
Switching Energy	800µJ (on), 1.8mJ (off)
Supplier Device Package	TO-247
Series	-
Power - Max	390W
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Type	Standard
IGBT Type	NPT
Gate Charge	165nC
Current - Collector Pulsed (Icm)	165A
Current - Collector (Ic) (Max)	54A

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