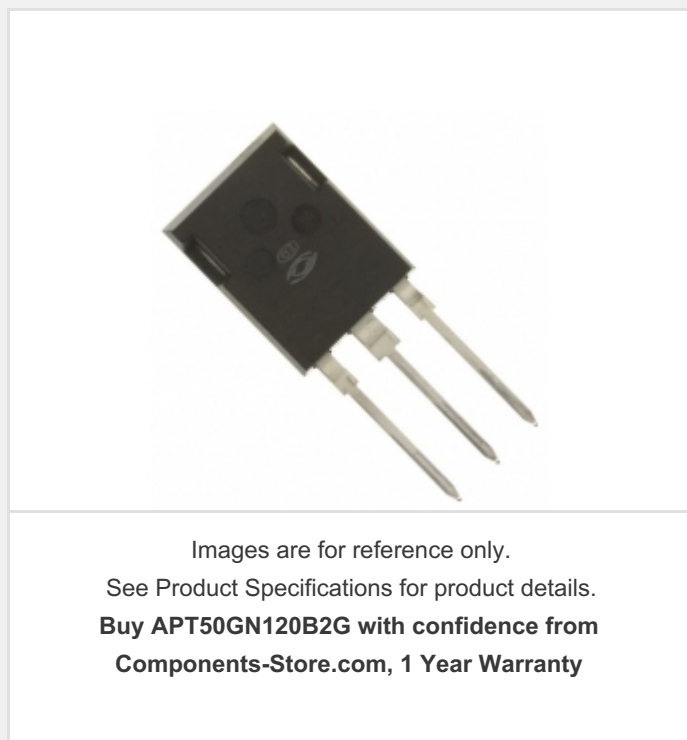


APT50GN120B2G



Part Number: [APT50GN120B2G](#)
Manufacturer: [Microsemi](#)
Description: IGBT 1200V 134A 543W TO-247
Data sheet: [PDF Power Products Catalog](#)
[PDF APT50GN120B2\(G\)](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	APT50GN120B2G
Manufacturer	Microsemi
Description	IGBT 1200V 134A 543W TO-247
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	12816 pcs
Product Photo	APT50GN120B2G.jpg
Category	Discrete Semiconductor Products
Voltage - Collector Emitter Breakdown (Max)	1200V
Vce(on) (Max) @ Vge, Ic	2.1V @ 15V, 50A
Test Condition	800V, 50A, 2.2 Ohm, 15V
Td (on/off) @ 25°C	28ns/320ns
Switching Energy	4495µJ (off)
Series	-
Power - Max	543W
Packaging	Tube
Package / Case	TO-247-3 Variant
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Standard
IGBT Type	NPT, Trench Field Stop
Gate Charge	315nC
Detailed Description	IGBT NPT, Trench Field Stop 1200V 134A 543W Through Hole
Current - Collector Pulsed (Icm)	150A
Current - Collector (Ic) (Max)	134A

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RFQ Email: info@Components-Store.com

RELATED PRODUCTS	
	<p>Part#: APT50DL120HJ</p> <p>Description: MOD DIODE 1200V SOT-227</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 5030</p> <p>RFQ</p>
	<p>Part#: APT50GN120L2DQ2G</p> <p>Description: IGBT 1200V 134A 543W TO264</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 7636</p> <p>RFQ</p>
	<p>Part#: APT50GP60J</p> <p>Description: IGBT 600V 100A 329W SOT227</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 5932</p> <p>RFQ</p>
	<p>Part#: APT50GF120JRDQ3</p> <p>Description: IGBT 1200V 120A 521W SOT227</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 1846</p> <p>RFQ</p>
	<p>Part#: APT50GF120LRG</p> <p>Description: IGBT 1200V 135A 781W TO264</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 6414</p> <p>RFQ</p>
	<p>Part#: APT50DL60HJ</p> <p>Description: MOD DIODE 600V SOT-227</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 5388</p> <p>RFQ</p>
	<p>Part#: APT50GF60JCU2</p> <p>Description: MOD IGBT NPT SIC CHOPPER SOT227</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 5206</p> <p>RFQ</p>
	<p>Part#: APT50GLQ65JU2</p> <p>Description: POWER MODULE - IGBT</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 5562</p> <p>RFQ</p>
	<p>Part#: APT50GF60JU3</p> <p>Description: IGBT 600V 75A 277W SOT227</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 4007</p> <p>RFQ</p>
	<p>Part#: APT50GN60BDQ2G</p> <p>Description: IGBT 600V 107A 366W TO247</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 14943</p> <p>RFQ</p>
	<p>Part#: APT50GN60BG</p> <p>Description: IGBT 600V 107A 366W TO247</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 20614</p> <p>RFQ</p>
	<p>Part#: APT50GF120B2RG</p> <p>Description: IGBT 1200V 135A 781W TMAX</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 5181</p> <p>RFQ</p>
	<p>Part#: APT50GP60JDQ2</p> <p>Description: IGBT 600V 100A 329W SOT227</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 2849</p> <p>RFQ</p>
	<p>Part#: APT50GF60JU2</p> <p>Description: IGBT 600V 75A 277W SOT227</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 4476</p> <p>RFQ</p>
	<p>Part#: APT50GP60LLDG</p> <p>Description: IGBT 600V 150A 625W TO264</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 5549</p> <p>RFQ</p>
	<p>Part#: APT50GR120JD30</p> <p>Description: IGBT 1200V 84A 417W SOT227</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 4310</p> <p>RFQ</p>
	<p>Part#: APT50GP60B2DQ2G</p> <p>Description: IGBT 600V 150A 625W TMAX</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 6190</p> <p>RFQ</p>
	<p>Part#: APT50DF170HJ</p> <p>Description: MOD DIODE 1700V SOT-227</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 5320</p> <p>RFQ</p>
	<p>Part#: APT50GP60BG</p> <p>Description: IGBT 600V 100A 625W TO247</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 6786</p> <p>RFQ</p>
	<p>Part#: APT50GR120B2</p> <p>Description: IGBT 1200V 117A 694W TO247</p> <p>Manufacturers: Microsemi</p> <p>In Stock: 12154</p> <p>RFQ</p>

Related keywords for APT50GN120B2G

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