

## APT25GN120SG



**Part Number:** [APT25GN120SG](#)  
**Manufacturer:** [Microsemi](#)  
**Description:** IGBT 1200V 67A 272W D3PAK  
**Data sheet:** [PDF APT25GN120 Series](#)

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

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

Part Number	<a href="#">APT25GN120SG</a>
Manufacturer	<a href="#">Microsemi</a>
Description	IGBT 1200V 67A 272W D3PAK
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	17818 pcs
Product Photo	<a href="#">APT25GN120SG.jpg</a>
Category	<a href="#">Discrete Semiconductor Products</a>
Voltage - Collector Emitter Breakdown (Max)	1200V
Vce(on) (Max) @ Vge, Ic	2.1V @ 15V, 25A
Test Condition	800V, 25A, 1 Ohm, 15V
Td (on/off) @ 25°C	22ns/280ns
Switching Energy	-
Supplier Device Package	D3Pak
Series	-
Power - Max	272W
Packaging	Tube
Package / Case	TO-268-3, D <sup>3</sup> Pak (2 Leads + Tab), TO-268AA
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Standard
IGBT Type	Trench Field Stop
Gate Charge	155nC
Detailed Description	IGBT Trench Field Stop 1200V 67A 272W Surface Mount D3Pak
Current - Collector Pulsed (Icm)	75A
Current - Collector (Ic) (Max)	67A

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	Part#: <a href="#">APT25GP90BDQ1G</a> Description: IGBT 900V 72A 417W TO247	Manufacturers: <a href="#">Microsemi</a> In Stock: 10992	<a href="#">RFQ</a>
	Part#: <a href="#">APT25GR120BD15</a> Description: IGBT 1200V 75A 521W TO247	Manufacturers: <a href="#">Microsemi</a> In Stock: 21773	<a href="#">RFQ</a>
	Part#: <a href="#">APT25GF120JCU2</a> Description: MOD IGBT NPT SIC CHOPPER SOT227	Manufacturers: <a href="#">Microsemi</a> In Stock: 4212	<a href="#">RFQ</a>
	Part#: <a href="#">APT25GR120B</a> Description: IGBT 1200V 75A 521W TO247	Manufacturers: <a href="#">Microsemi</a> In Stock: 23725	<a href="#">RFQ</a>
	Part#: <a href="#">APT24M120L</a> Description: MOSFET N-CH 1200V 24A TO-264	Manufacturers: <a href="#">Microsemi Corporation</a> In Stock: 6169	<a href="#">RFQ</a>
	Part#: <a href="#">APT25GLQ120JCU2</a> Description: PWR MOD IGBT4 1200V SOT227	Manufacturers: <a href="#">Microsemi</a> In Stock: 3583	<a href="#">RFQ</a>
	Part#: <a href="#">APT24M80B</a> Description: MOSFET N-CH 800V 25A TO-247	Manufacturers: <a href="#">Microsemi</a> In Stock: 7991	<a href="#">RFQ</a>
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