



	<h2 style="color: red;">APT45GP120BG</h2>	
	Manufacturer Part Number:	APT45GP120BG
	Manufacturer/Brand:	Microsemi
	Part of Description:	IGBT 1200V 100A 625W TO247
Datasheets:	  1.APT45GP120BG.pdf  2.APT45GP120BG.pdf 	
RoHs Status:	 Lead free / RoHS	
Stock Condition:	Compliant New original, Stock Available.	
Ship From:	Hong Kong	
Shipment Way:	DHL/Fedex/TNT/UPS/EMS	
Image may be representation. See specs for product details.		







Specifications

Part Number	APT45GP120BG
Manufacturer	Microsemi
Description	IGBT 1200V 100A 625W TO247
Category	Discrete Semiconductor Products > Transistors - IGBTs -
Part Status	Require For Quote & Check Stock
Voltage - Collector Emitter Breakdown (Max)	1200V
Vce(on) (Max) @ Vge, Ic	3.9V @ 15V, 45A
Test Condition	600V, 45A, 5 Ohm, 15V
Td (on/off) @ 25°C	18ns/102ns
Switching Energy	900µJ (on), 904µJ (off)
Supplier Device Package	TO-247 [B]
Series	POWER MOS 7®
Power - Max	625W
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Type	Standard
IGBT Type	PT
Gate Charge	185nC
Current - Collector Pulsed (Icm)	170A
Current - Collector (Ic) (Max)	100A

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 <p>APT45GP120B2DQ2G Microsemi Corporation IGBT 1200V 113A 625W TMAX</p>	 <p>APT45GR65B Microsemi Corporation IGBT 650V 92A 357W TO-247</p>	 <p>APT45GP120JDQ2 Microsemi Corporation IGBT 1200V 75A 329W SOT227</p>	 <p>APT45GP120J Microsemi Corporation IGBT 1200V 75A 329W SOT227</p>

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