




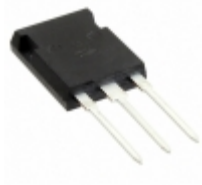





	Manufacturer Part Number: APT45GP120B2DQ2G
	Manufacturer/Brand: Microsemi
	Part of Description: IGBT 1200V 113A 625W TMAX
	Datasheets:  APT45GP120B2DQ2G.pdf
RoHS Status:  Lead free / RoHS	Stock Condition: Compliant New original, 14 pcs Stock Available.
Ship From: Hong Kong	Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications

Part Number	APT45GP120B2DQ2G
Manufacturer	Microsemi
Description	IGBT 1200V 113A 625W TMAX
Category	Discrete Semiconductor Products > Transistors - IGBTs -
Part Status	14 pcs 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/100ns
Switching Energy	900µJ (on), 905µJ (off)
Series	POWER MOS 7®
Power - Max	625W
Packaging	Tube
Package / Case	TO-247-3 Variant
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)	113A

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