









	Manufacturer Part Number: APT50GT120B2RDQ2G
	Manufacturer/Brand: Microsemi
	Part of Description: IGBT 1200V 94A 625W TO247
	Datasheets:  APT50GT120B2RDQ2G.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	APT50GT120B2RDQ2G
Manufacturer	Microsemi
Description	IGBT 1200V 94A 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	3.7V @ 15V, 50A
Test Condition	800V, 50A, 4.7 Ohm, 15V
Td (on/off) @ 25°C	24ns/230ns
Switching Energy	2330µJ (off)
Series	Thunderbolt IGBT®
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	NPT
Gate Charge	340nC
Current - Collector Pulsed (Icm)	150A
Current - Collector (Ic) (Max)	94A

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