








	APT40GR120S
	Manufacturer Part Number: APT40GR120S
	Manufacturer/Brand: Microsemi
	Part of Description: IGBT 1200V 88A 500W D3PAK
Datasheets: PDF APT40GR120S.pdf	RoHS Status:  Lead free / RoHS
Stock Condition: Compliant New original, Stock Available.	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	APT40GR120S
Manufacturer	Microsemi
Description	IGBT 1200V 88A 500W D3PAK
Category	Discrete Semiconductor Products > Transistors - IGBTs -
Part Status	Require For Quote & Check Stock
Voltage - Collector Emitter Breakdown (Max)	1200V
Vce(on) (Max) @ Vge, Ic	3.2V @ 15V, 40A
Test Condition	600V, 40A, 4.3 Ohm, 15V
Td (on/off) @ 25°C	22ns/163ns
Switching Energy	1.38mJ (on), 906μJ (off)
Supplier Device Package	D3Pak
Series	-
Power - Max	500W
Packaging	Tube
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Input Type	Standard
IGBT Type	NPT
Gate Charge	210nC
Current - Collector Pulsed (Icm)	160A
Current - Collector (Ic) (Max)	88A

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