

APT85GR120L



Part Number: [APT85GR120L](#)
Manufacturer: [Microsemi](#)
Description: IGBT 1200V 170A 962W TO264
Data sheet: [APT85GR120\(B2,L\)](#)

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

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PRODUCT PARAMETER

Part Number	APT85GR120L
Manufacturer	Microsemi
Description	IGBT 1200V 170A 962W TO264
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8075 pcs
Product Photo	APT85GR120L.jpg
Category	Discrete Semiconductor Products
Voltage - Collector Emitter Breakdown (Max)	1200V
Vce(on) (Max) @ Vge, Ic	3.2V @ 15V, 85A
Test Condition	600V, 85A, 4.3 Ohm, 15V
Td (on/off) @ 25°C	43ns/300ns
Switching Energy	6mJ (on), 3.8mJ (off)
Supplier Device Package	TO-264
Series	-
Power - Max	962W
Packaging	Tube
Package / Case	TO-264-3, TO-264AA
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Standard
IGBT Type	NPT
Gate Charge	660nC
Detailed Description	IGBT NPT 1200V 170A 962W Through Hole TO-264
Current - Collector Pulsed (Icm)	340A
Current - Collector (Ic) (Max)	170A

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