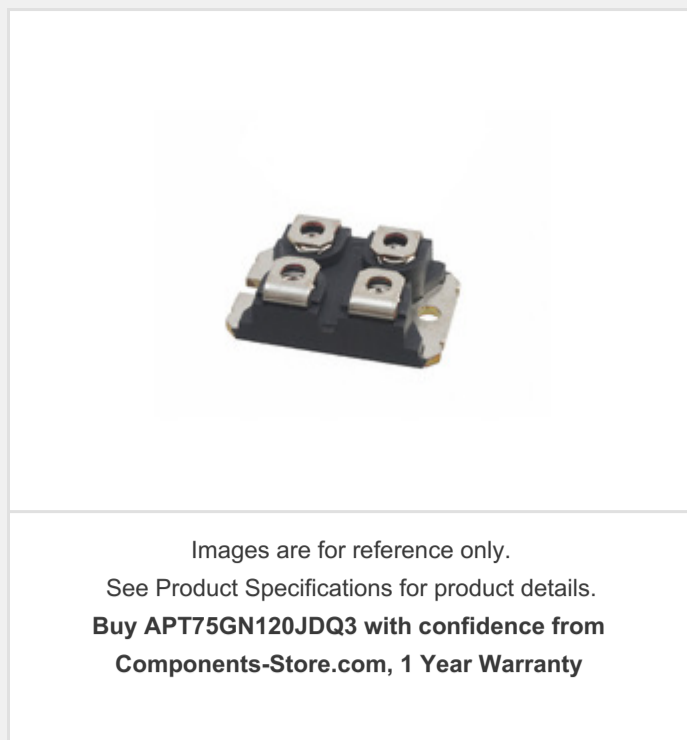


APT75GN120JDQ3



Part Number: [APT75GN120JDQ3](#)
Manufacturer: [Microsemi](#)
Description: IGBT 1200V 124A 379W SOT227
Data sheet: [PDF APT75GN120JDQ3](#)
[PDF Power Products Catalog](#)

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

[Request For Quotation](#)

PRODUCT PARAMETER

Part Number	APT75GN120JDQ3
Manufacturer	Microsemi
Description	IGBT 1200V 124A 379W SOT227
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3537 pcs
Product Photo	APT75GN120JDQ3-001.jpg , APT75GN120JDQ3-002.jpg
Category	Discrete Semiconductor Products
Voltage - Collector Emitter Breakdown (Max)	1200V
Vce(on) (Max) @ Vge, Ic	2.1V @ 15V, 75A
Supplier Device Package	ISOTOP®
Series	-
Power - Max	379W
Package / Case	ISOTOP
Other Names	APT75GN120JDQ3MI APT75GN120JDQ3MI-ND
Operating Temperature	-55°C ~ 150°C (TJ)
NTC Thermistor	No
Mounting Type	Chassis Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Cies) @ Vce	4.8nF @ 25V
Input	Standard
IGBT Type	Trench Field Stop
Detailed Description	IGBT Module Trench Field Stop Single 1200V 124A 379W Chassis Mount ISOTOP®
Current - Collector Cutoff (Max)	200µA
Current - Collector (Ic) (Max)	124A
Configuration	Single

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RFQ Email: info@Components-Store.com

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	Part#: APT75GP120JDQ3 Description: IGBT 1200V 128A 543W SOT227	Manufacturers: Microsemi In Stock: 2732	RFQ
	Part#: APT75DQ60BG Description: DIODE GEN PURP 600V 75A TO247	Manufacturers: Microsemi In Stock: 45097	RFQ
	Part#: APT75GN60LDQ3G Description: IGBT 600V 155A 536W TO264	Manufacturers: Microsemi In Stock: 11244	RFQ
	Part#: APT75DQ120BG Description: DIODE GEN PURP 1.2KV 75A TO247	Manufacturers: Microsemi In Stock: 28511	RFQ
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	Part#: APT75F50B2 Description: MOSFET N-CH 500V 75A TO-247	Manufacturers: Microsemi In Stock: 5991	RFQ
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	Part#: APT75GP120B2G Description: IGBT 1200V 100A 1042W TMAX	Manufacturers: Microsemi In Stock: 4511	RFQ

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Microsemi HI-REL [MIL] APT75GN120JDQ3	Microsemi Power Management Group	Microsemi Power Products Group	Microsemi SoC APT75GN120JDQ3
	APT75GN120JDQ3	APT75GN120JDQ3	Microsemi Commercial Components Group

