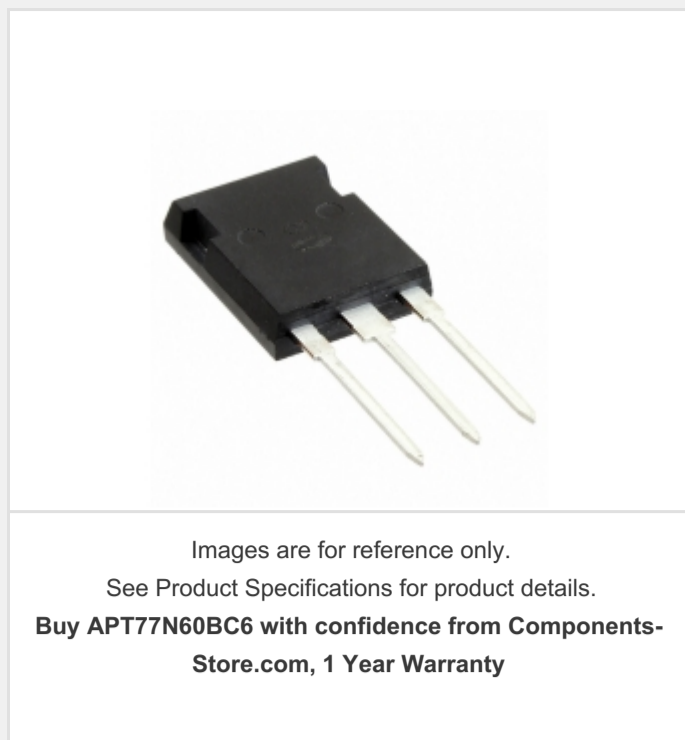


APT77N60BC6



Part Number: [APT77N60BC6](#)
Manufacturer: [Microsemi](#)
Description: MOSFET N-CH 600V 77A TO-247
Data sheet: [APT77N60BC6,SC6](#)

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

[Request For Quotation](#)

PRODUCT PARAMETER

Part Number	APT77N60BC6
Manufacturer	Microsemi
Description	MOSFET N-CH 600V 77A TO-247
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6403 pcs
Product Photo	APT77N60BC6.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	3.6V @ 2.96mA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-247 [B]
Series	CoolMOS™
Rds On (Max) @ Id, Vgs	41 mOhm @ 44.4A, 10V
Power Dissipation (Max)	481W (Tc)
Packaging	Tube
Package / Case	TO-247-3
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 Capacitance (Ciss) (Max) @ Vds	13600pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	260nC @ 10V
FET Type	N-Channel
FET Feature	Super Junction
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	600V
Detailed Description	N-Channel 600V 77A (Tc) 481W (Tc) Through Hole TO-247 [B]
Current - Continuous Drain (Id) @ 25°C	77A (Tc)

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RFQ Email: info@Components-Store.com

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	Part#: APT75GN60BG Description: IGBT 600V 155A 536W TO247	Manufacturers: Microsemi In Stock: 22574	RFQ
	Part#: APT75GT120JU3 Description: POWER MOD IGBT 1200V 100A SOT227	Manufacturers: Microsemi In Stock: 4182	RFQ
	Part#: APT75GP120J Description: IGBT 1200V 128A 543W SOT227	Manufacturers: Microsemi In Stock: 2657	RFQ
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	Part#: APT75GP120JDQ3 Description: IGBT 1200V 128A 543W SOT227	Manufacturers: Microsemi In Stock: 2732	RFQ
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