



See specs for product details.

APT40GP60SG

Manufacturer Part Number:	APT40GP60SG
Manufacturer/Brand:	Microsemi
Part of Description:	IGBT 600V 100A 543W D3PAK
Datasheets:	APT40GP60SG.pdf
RoHs Status:	Rohs Lead free / Rohs
Stock Condition:	Compliant New original, Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

Specifications	
Part Number	APT40GP60SG
Manufacturer	Microsemi
Description	IGBT 600V 100A 543W D3PAK
Category	Discrete Semiconductor Products > Transistors - IGBTs -
Part Status	Require For Quote & Check Stock
Voltage - Collector Emitter Breakdown (Max)	600V
Vce(on) (Max) @ Vge, Ic	2.7V @ 15V, 40A
Test Condition	400V, 40A, 5 Ohm, 15V
Td (on/off) @ 25°C	20ns/64ns
Switching Energy	385μJ (on), 352μJ (off)
Supplier Device Package	D3 [S]
Series	POWER MOS 7®
Power - Max	543W
Packaging	Tube
Package / Case	TO-268-3, D³Pak (2 Leads + Tab), TO-268AA
Operating Temperature	-55°C ∼ 150°C (TJ)
Mounting Type	Surface Mount
Input Type	Standard
IGBT Type	PT
Gate Charge	135nC
Current - Collector Pulsed (Icm)	160A
Current - Collector (Ic) (Max)	100A

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