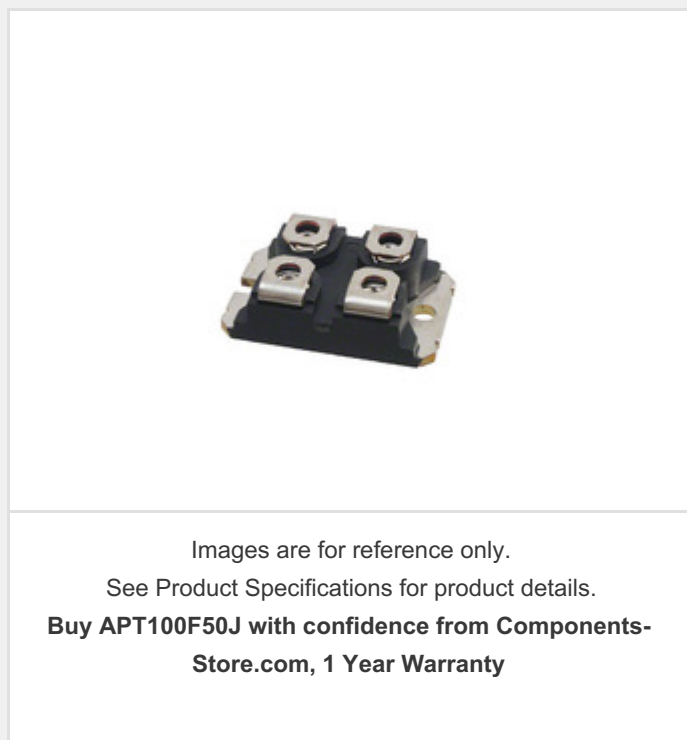


APT100F50J



Part Number: [APT100F50J](#)
Manufacturer: [Microsemi](#)
Description: MOSFET N-CH 500V 103A SOT227
Data sheet: [APT100F50J](#)

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

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	APT100F50J
Manufacturer	Microsemi
Description	MOSFET N-CH 500V 103A SOT227
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1932 pcs
Product Photo	APT100F50J.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	5V @ 5mA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	ISOTOP®
Series	POWER MOS 8™
Rds On (Max) @ Id, Vgs	36 mOhm @ 75A, 10V
Power Dissipation (Max)	960W (Tc)
Packaging	Tube
Package / Case	SOT-227-4, miniBLOC
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	24600pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	620nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	500V
Detailed Description	N-Channel 500V 103A (Tc) 960W (Tc) Chassis Mount ISOTOP®
Current - Continuous Drain (Id) @ 25°C	103A (Tc)

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