



**APT8M100B**

Manufacturer Part Number:	APT8M100B
Manufacturer / Brand	Microsemi
Part of Description:	MOSFET N-CH 1000V 8A TO-247
Datasheets:	APT8M100B(1).pdf APT8M100B(2).pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 400 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of APT8M100B

Part Number	APT8M100B	Manufacturer / Brand	Microsemi
Series	-	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-247-3	Packaging	Tube
Mounting Type	Through Hole	Supplier Device Package	TO-247 [B]
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 1000V 8A (Tc) 290W (Tc) Through Hole TO-247 [B]
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	290W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	1000V	Current - Continuous Drain (Id) @ 25°C	8A (Tc)
Rds On (Max) @ Id, Vgs	1.8 Ohm @ 4A, 10V	Vgs(th) (Max) @ Id	5V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	60nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	1885pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±30V
Other Names	APT8M100BMI APT8M100BMI-ND	Stock Quantily	400 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single Description		MOSFET N-CH 1000V 8A TO-247
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to APT8M100B

Microsemi APT8M100B	APT8M100B part	APT8M100B Price	APT8M100B Distributor
APT8M100B Technical	APT8M100B Stock	APT8M100B Inventory	APT8M100B Supplier
APT8M100B Online Order	APT8M100B Inquiry	APT8M100B Image	APT8M100B Picture
APT8M100B pdf	APT8M100B datasheet	APT8M100B data sheet	APT8M100B pdf datasheet
Download APT8M100B datasheet	Microsemi Manufacturer	Microsemi APT8M100B	Microsemi Analog Mixed Signal Group APT8M100B
Microsemi Analog Mixed Signal Group [MIL]	Microsemi Consumer Medical Product Group	Microsemi HI-REL [MIL] APT8M100B	Microsemi Power Management Group APT8M100B
APT8M100B	APT8M100B	Microsemi Power Products Group APT8M100B	Microsemi SoC APT8M100B
Microsemi Commercial Components Group	Microsemi Corporation APT8M100B	Microsemi Solutions Sdn Bhd. APT8M100B	
APT8M100B			

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<p><b>APT81612-CHS99</b> Description: APT81612-CHS99 KINGBRIGHT SMD Manufacturers: Kingbright In Stock: New original, 3500 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>APT83GU30B</b> Description: IGBT Modules Manufacturers: In Stock: New original, 2000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p><b>APT84M50B2</b> Description: MOSFET N-CH 500V 84A T-MAX Manufacturers: Microsemi In Stock: New original, 900 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
<p>IMAGE NOT AVAILABLE</p> <p><b>APT88N30W</b> Description: APT88N30W APT TO-3P Manufacturers: APT In Stock: New original, 200 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>APT82N60JCS</b> Description: IGBT Modules Manufacturers: IGBT In Stock: New original, 2000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>APT80GP60JDQ3</b> Description: IGBT Modules Manufacturers: IGBT In Stock: New original, 2000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
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<p>IMAGE NOT AVAILABLE</p> <p><b>APT89G60L</b> Description: APT89G60L APT TO-264 Manufacturers: APT In Stock: New original, 100 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p><b>APT9F100B</b> Description: MOSFET N-CH 1000V 9A TO-247 Manufacturers: Microsemi In Stock: New original, 300 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p><b>APT81612SYKCGKC</b> Description: APT81612SYKCGKC KINGBRIGHT SMD Manufacturers: Kingbright In Stock: New original, 3100 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
<p><b>APT81612-CHS28</b> Description: APT81612-CHS28 KINGBRIGHT SMD0603X2 Manufacturers: Kingbright In Stock: New original, 4000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p><b>APT8M80K</b> Description: MOSFET N-CH 800V 8A TO-220 Manufacturers: Microsemi In Stock: New original, 200 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p><b>APT81612PBSYKCF01HP8</b> Description: APT81612PBSYKCF01HP8 KINGBRIGHT SMD Manufacturers: Kingbright In Stock: New original, 21500 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
<p><b>APT80GP60J</b> Description: IGBT 600V 151A 462W SOT227 Manufacturers: Microsemi In Stock: New original, 19 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p><b>APT9M100B</b> Description: MOSFET N-CH 1000V 9A TO-247 Manufacturers: Microsemi In Stock: New original, 100 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>APT97H50J</b> Description: IGBT Modules Manufacturers: In Stock: New original, 2000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
<p>IMAGE NOT AVAILABLE</p> <p><b>APTAPL502J</b> Description: IGBT Modules Manufacturers: In Stock: New original, 1500 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>APT90GF100JN</b> Description: IGBT Modules Manufacturers: In Stock: New original, 1500 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>APT8DQ60BCTG</b> Description: APT8DQ60BCTG APT TO-3P Manufacturers: APT In Stock: New original, 900 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
<p>IMAGE NOT AVAILABLE</p> <p><b>APT8DQ60KG</b> Description: APT8DQ60KG APT TO-220 Manufacturers: APT In Stock: New original, 8900 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p><b>APT81612SURKQBDC-F01</b> Description: LED BLUE/RED CLEAR CHIP SMD Manufacturers: Kingbright In Stock: New original, 2000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>APT81612-CC36</b> Description: APT81612-CC36 KINGBRIGHT SMD0603X2 Manufacturers: KINGBRIGHT In Stock: New original, 2000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
<p><b>APT85GR120L</b> Description: IGBT 1200V 170A 962W TO264 Manufacturers: Microsemi In Stock: New original, 100 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p><b>APT81612SURKCGKC-F01</b> Description: LED GREEN/RED CLEAR CHIP SMD Manufacturers: Kingbright In Stock: New original, 3500 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p><b>APT84F50B2</b> Description: MOSFET N-CH 500V 84A TO-247 Manufacturers: Microsemi In Stock: New original, 100 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>



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