



IC Components Limited

### APT14M100B

Manufacturer Part Number:	APT14M100B
Manufacturer / Brand	Microsemi
Part of Description:	MOSFET N-CH 1000V 14A TO-247
Datasheets:	<a href="#">APT14M100B(1).pdf</a> <a href="#">APT14M100B(2).pdf</a>
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 300 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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### The specifications of APT14M100B

Part Number	APT14M100B	Manufacturer / Brand	Microsemi
Series	POWER MOS 8™	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 14A (Tc) 500W (Tc) Through Hole TO-247 [B]
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	500W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	1000V	Current - Continuous Drain (Id) @ 25°C	14A (Tc)
Rds On (Max) @ Id, Vgs	900 mOhm @ 7A, 10V	Vgs(th) (Max) @ Id	5V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	120nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	3965pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±30V
Other Names	APT14M100BMP APT14M100BMP-ND	Stock Quantily	300 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single Description		MOSFET N-CH 1000V 14A TO-247
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

### Keywords related to APT14M100B

Microsemi APT14M100B	APT14M100B part	APT14M100B Price	APT14M100B Distributor
APT14M100B Technical	APT14M100B Stock	APT14M100B Inventory	APT14M100B Supplier
APT14M100B Online Order	APT14M100B Inquiry	APT14M100B Image	APT14M100B Picture
APT14M100B pdf	APT14M100B datasheet	APT14M100B data sheet	APT14M100B pdf datasheet
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Microsemi Analog Mixed Signal Group [MIL]	Microsemi Consumer Medical Product Group	Microsemi HI-REL [MIL] APT14M100B	Microsemi Power Management Group APT14M100B
APT14M100B	APT14M100B	Microsemi Power Products Group APT14M100B	Microsemi SoC APT14M100B
Microsemi Commercial Components Group	Microsemi Corporation APT14M100B	Microsemi Solutions Sdn Bhd. APT14M100B	
APT14M100B			

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 <b>APT150GT120JRDQ4</b> Description: IGBT Modules Manufacturers: Microsemi In Stock: New original, 1600 pcs Stock Available. Quote: <a href="#">RFQ</a>	 <b>APT150GN120J</b> Description: IGBT 1200V 215A 625W SOT227 Manufacturers: Microsemi In Stock: New original, 8 pcs Stock Available. Quote: <a href="#">RFQ</a>	 <b>APT150GN60J</b> Description: IGBT 600V 220A 536W SOT227 Manufacturers: Microsemi In Stock: New original, Stock Available. Quote: <a href="#">RFQ</a>
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