


	<h2 style="color: red;">APT56F50B2</h2>	
	Manufacturer Part Number:	APT56F50B2
	Manufacturer/Brand:	Microsemi
	Part of Description:	MOSFET N-CH 500V 56A TO-247
Datasheets:	 APT56F50B2.pdf	
RoHs Status:	 Lead free / RoHS Compliant	
Stock Condition:	New original, 721 pcs Stock Available.	
Ship From:	Hong Kong	
Shipment Way:	DHL/Fedex/TNT/UPS/EMS	
<p>Image may be representation. See specs for product details.</p>		

Specifications

Part Number	APT56F50B2
Manufacturer	Microsemi
Description	MOSFET N-CH 500V 56A TO-247
Category	Discrete Semiconductor Products > Transistors - FETs ,
Part Status	721 pcs Stock
Series	POWER MOS 8™
Technology	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3 Variant
Supplier Device Package	T-MAX™ [B2]
Power Dissipation (Max)	780W (Tc)
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	56A (Tc)
Rds On (Max) @ Id, Vgs	100 mOhm @ 28A, 10V
Vgs(th) (Max) @ Id	5V @ 2.5mA
Gate Charge (Qg) (Max) @ Vgs	220nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	8800pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs (Max)	±30V
Packaging	Tube



















































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 <p>APT55M85JFLL APT IGBT Modules</p>	 <p>APT55M65JFLL Microsemi MOSFET N-CH 550V 63A SOT-227</p>	 <p>APT56H50J MICROSEMI IGBT Modules</p>	 <p>APT56M50B2 Microsemi MOSFET N-CH 500V 56A T-MAX</p>

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 APT541-227-0030	 APT541-227-1320	 APT546-227-0000	 APT546-227-1320	 APT546-227-1A20
 APT546-227-6238	 APT546-227-6257	 APT54GA60BD30	 APT54H50B2	 APT5510JFLL
 APT5513JFLL	 APT5518BFLLG	 APT55M50JFLL	 APT55M65JFLL	 APT55M85JFLL
 APT56H50J	 APT56M50B2	 APT56M50L	 APT58F50J	 APT58F80J
 APT58M50J	 APT58M50JU2	 APT58M50JU3	 APT58M50JV2	 APT58M80J
 APT6010JFLL	 APT6010JLL	 APT6010LLL	 APT6011LVFR	 APT6011LVR
 APT6013JFLL	 APT6013JLL	 APT6013JLL	 APT6013JVFR	 APT6013JVR
 APT6013LLL	 APT6013LVFR	 APT6013LVR	 APT6015JFVR	 APT6015JN

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