



## APT43M60L

<b>Manufacturer Part Number:</b>	APT43M60L
<b>Manufacturer/Brand:</b>	Microsemi
<b>Part of Description:</b>	MOSFET N-CH 600V 45A TO-264
<b>Datasheets:</b>	<a href="#">APT43M60L.pdf</a>
<b>RoHS Status:</b>	Lead free / RoHS
<b>Stock Condition:</b>	Compliant New original, 5 pcs Stock Available.
<b>Ship From:</b>	Hong Kong
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS

Image may be representation.  
See specs for product details.

### Specifications

Part Number	APT43M60L
Manufacturer	Microsemi
Description	MOSFET N-CH 600V 45A TO-264
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> ,
Part Status	5 pcs Stock
Vgs(th) (Max) @ Id	5V @ 2.5mA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-264 [L]
Series	POWER MOS 8™
Rds On (Max) @ Id, Vgs	150 mOhm @ 21A, 10V
Power Dissipation (Max)	780W (Tc)
Packaging	Tube
Package / Case	TO-264-3, TO-264AA
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	8590pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	215nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	600V
Current - Continuous Drain (Id) @ 25°C	45A (Tc)

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