


	<b>Manufacturer Part Number:</b> <a href="#">APT43F60B2</a>
	<b>Manufacturer/Brand:</b> <a href="#">Microsemi</a>
	<b>Part of Description:</b> MOSFET N-CH 600V 45A T-MAX
	<b>Datasheets:</b>  <a href="#">APT43F60B2.pdf</a>
<b>RoHS Status:</b>  Lead free / RoHS	<b>Stock Condition:</b> Compliant New original, Stock Available.
<b>Ship From:</b> Hong Kong	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
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### Specifications

Part Number	<a href="#">APT43F60B2</a>
Manufacturer	<a href="#">Microsemi</a>
Description	MOSFET N-CH 600V 45A T-MAX
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Vgs(th) (Max) @ Id	5V @ 2.5mA
Technology	MOSFET (Metal Oxide)
Supplier Device Package	T-MAX™ [B2]
Series	POWER MOS 8™
Rds On (Max) @ Id, Vgs	150 mOhm @ 21A, 10V
Power Dissipation (Max)	780W (Tc)
Packaging	Tube
Package / Case	TO-247-3 Variant
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	-
Drain to Source Voltage (Vdss)	600V
Current - Continuous Drain (Id) @ 25°C	45A (Tc)

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