







	<h2 style="color: red;">APT7F120B</h2>	
	<b>Manufacturer Part Number:</b>	<a href="#">APT7F120B</a>
	<b>Manufacturer/Brand:</b>	<a href="#">Microsemi</a>
	<b>Part of Description:</b>	<a href="#">MOSFET N-CH 1200V 7A TO-247</a>
<b>Datasheets:</b>	<a href="#">1.APT7F120B.pdf</a> <a href="#">2.APT7F120B.pdf</a>	
<b>RoHs Status:</b>	 Lead free / RoHS	
<b>Stock Condition:</b>	Compliant New original, Stock Available.	
<b>Ship From:</b>	<a href="#">Hong Kong</a>	
<b>Shipment Way:</b>	<a href="#">DHL/Fedex/TNT/UPS/EMS</a>	
<p>Image may be representation. See specs for product details.</p>		

### Specifications

Part Number	<a href="#">APT7F120B</a>
Manufacturer	<a href="#">Microsemi</a>
Description	MOSFET N-CH 1200V 7A TO-247
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 @ 1mA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-247 [B]
Series	-
Rds On (Max) @ Id, Vgs	2.9 Ohm @ 3A, 10V
Power Dissipation (Max)	335W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	2565pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	80nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	1200V (1.2kV)
Current - Continuous Drain (Id) @ 25°C	7A (Tc)

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 <p><b>APT7846ADC07</b> EXAR APT7846ADC07 EXAR</p>	 <p><b>APT7843NI-TR</b> Original SSOP</p>	 <p><b>APT7F80K</b> Microsemi Corporation MOSFET N-CH 800V 7A TO-220</p>	 <p><b>APT7M120B</b> Microsemi Corporation MOSFET N-CH 1200V 8A TO247</p>

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