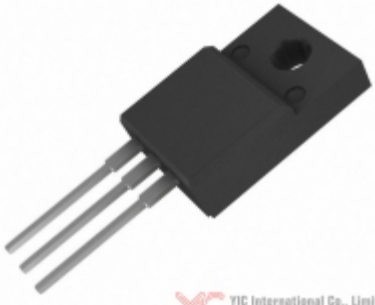


	<h2 style="color: #C00000;">AOTF12N50</h2>	
	<b>Manufacturer Part Number:</b>	<a href="#">AOTF12N50</a>
	<b>Manufacturer/Brand:</b>	Alpha and Omega Semiconductor, Inc.
	<b>Part of Description:</b>	MOSFET N-CH 500V 12A TO220F
Image may be representation. See specs for product details.	<b>Datasheets:</b>	<a href="#">1.AOTF12N50.pdf</a> <a href="#">2.AOTF12N50.pdf</a>
	<b>RoHs Status:</b>	 Lead free / RoHS Compliant
	<b>Stock Condition:</b>	New original, 17346 pcs Stock Available.
	<b>Ship From:</b>	Hong Kong
	<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	AOTF12N50
Manufacturer	Alpha and Omega Semiconductor, Inc.
Description	MOSFET N-CH 500V 12A TO220F
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> ,
Part Status	17346 pcs Stock
Series	-
Technology	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3 Full Pack
Supplier Device Package	TO-220-3F
Power Dissipation (Max)	50W (Tc)
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	12A (Tc)
Rds On (Max) @ Id, Vgs	520 mOhm @ 6A, 10V
Vgs(th) (Max) @ Id	4.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	37nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1633pF @ 25V
Packaging	Tube

AOTF12N50 is New Original in Stock, Search AOTF12N50 Datasheets, PDF, Inventory at Y-IC.com Online, Order AOTF12N50 Alpha and Omega Semiconductor, Inc. with warranted and confidence. RFQ AOTF12N50 : [Info@Y-IC.com](mailto:Info@Y-IC.com)

### You May Be Also Be interested In:

 <p><b>AOTF12N50A AOTF12N50</b> AO/ AOTF12N50A AOTF12N50 AO/</p>	 <p><b>AOTF11S65L</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH 650V 11A TO220F</p>	 <p><b>AOTF12N50_001</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH TO220</p>	 <p><b>AOTF12N30</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH 300V 11.5A TO220F</p>
 <p><b>AOTF11S60_900</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH TO220</p>	 <p><b>AOTF12N60</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH 600V 12A TO220F</p>	 <p><b>AOTF12N50L</b> AOS AOS TO-220F</p>	 <p><b>AOTF12N50_007</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH TO220</p>

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