



AOTF12T60

Manufacturer Part Number:	AOTF12T60
Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET N-CH 600V 12A TO220F
Datasheets:	AOTF12T60.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 5000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of AOTF12T60

Part Number	AOTF12T60	Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Series	-	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-220-3 Full Pack	Packaging	Tube
Mounting Type	Through Hole	Supplier Device Package	TO-220F
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 600V 12A (Tc) 50W (Tc) Through Hole TO-220F
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	50W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	600V	Current - Continuous Drain (Id) @ 25°C	12A (Tc)
Rds On (Max) @ Id, Vgs	520 mOhm @ 6A, 10V	Vgs(th) (Max) @ Id	5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	50nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	1954pF @ 100V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±30V
Stock Quantity	5000 pcs Stock	Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 600V 12A TO220F	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords related to AOTF12T60

Alpha and Omega Semiconductor, Inc. AOTF12T60	AOTF12T60 part	AOTF12T60 Price	AOTF12T60 Distributor
AOTF12T60 Technical	AOTF12T60 Stock	AOTF12T60 Inventory	AOTF12T60 Supplier
AOTF12T60 Online Order	AOTF12T60 Inquiry	AOTF12T60 Image	AOTF12T60 Picture
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<p>AOTF12N30 Description: MOSFET N-CH 300V 11.5A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 28800 pcs Stock Available. Quote: RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>AOTF15S60 Description: AOTF15S60 AOS TO-220F Manufacturers: AOS In Stock: New original, 22800 pcs Stock Available. Quote: RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>AOTF12N60FD AOTF12N60 Description: AOTF12N60FD AOTF12N60 AO/ TO-220F Manufacturers: AO/ In Stock: New original, 6000 pcs Stock Available. Quote: RFQ</p>
<p>AOTF12N60L Description: MOSFET N-CH 600V 12A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 400 pcs Stock Available. Quote: RFQ</p>	<p>AOTF15B65M1 Description: IGBT 650V 15A TO220 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 3800 pcs Stock Available. Quote: RFQ</p>	<p>AOTF14N50 Description: MOSFET N-CH 500V 14A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 32000 pcs Stock Available. Quote: RFQ</p>
<p>AOTF15B60D Description: IGBT 600V 30A 50W TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 12000 pcs Stock Available. Quote: RFQ</p>	<p>AOTF12N60 Description: MOSFET N-CH 600V 12A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 5000 pcs Stock Available. Quote: RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>AOTF12N50A AOTF12N50 Description: AOTF12N50A AOTF12N50 AO/ TO-220F Manufacturers: AO/ In Stock: New original, 6000 pcs Stock Available. Quote: RFQ</p>
<p>AOTF12T50P Description: MOSFET N-CH 500V 12A TO-220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 18500 pcs Stock Available. Quote: RFQ</p>	<p>AOTF12N65 Description: MOSFET N-CH 650V 12A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 18500 pcs Stock Available. Quote: RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>AOTF14N50FD AOTF14N50 Description: AOTF14N50FD AOTF14N50 AO/ TO-220F Manufacturers: AO/ In Stock: New original, 6000 pcs Stock Available. Quote: RFQ</p>
<p>IMAGE NOT AVAILABLE</p> <p>AOTF15S65 Description: AOTF15S65 AOS TO-220F Manufacturers: AOS In Stock: New original, 32000 pcs Stock Available. Quote: RFQ</p>	<p>AOTF11S60 Description: MOSFET N-CH 600V 11A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 50000 pcs Stock Available. Quote: RFQ</p>	<p>AOTF14N50FD Description: MOSFET N-CH 500V 14A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 22800 pcs Stock Available. Quote: RFQ</p>
<p>AOTF12N60FD Description: MOSFET N-CH 600V 12A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 32500 pcs Stock Available. Quote: RFQ</p>	<p>AOTF13N50 Description: MOSFET N-CH 500V 13A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 32000 pcs Stock Available. Quote: RFQ</p>	<p>AOTF15S60L Description: MOSFET N-CH 600V 15A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 11000 pcs Stock Available. Quote: RFQ</p>
<p>IMAGE NOT AVAILABLE</p> <p>AOTF12T50P AOTF12T50 Description: AOTF12T50P AOTF12T50 AO/ TO-220F Manufacturers: AO/ In Stock: New original, 5800 pcs Stock Available. Quote: RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>AOTF1610L Description: AOTF1610L AOS TO-220 Manufacturers: AOS In Stock: New original, 15000 pcs Stock Available. Quote: RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>AOTF11S65 Description: MOSFET N-CH 600V 11A TO220F Manufacturers: AOS In Stock: New original, 5100 pcs Stock Available. Quote: RFQ</p>
<p>AOTF16N50 Description: MOSFET N-CH 500V 16A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 5000 pcs Stock Available. Quote: RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>AOTF11T65P Description: AOTF11T65P AOS TO-220F Manufacturers: AOS In Stock: New original, 700 pcs Stock Available. Quote: RFQ</p>	<p>AOTF15B65M2 Description: IGBT 650V 15A TO220 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 12000 pcs Stock Available. Quote: RFQ</p>
<p>AOTF18N65 Description: MOSFET N-CH 650V 18A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 28600 pcs Stock Available. Quote: RFQ</p>	<p>AOTF11S60L Description: MOSFET N-CH 600V 11A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 10000 pcs Stock Available. Quote: RFQ</p>	<p>AOTF12N50 Description: MOSFET N-CH 500V 12A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 5700 pcs Stock Available. Quote: RFQ</p>
<p>AOTF12T60P Description: MOSFET N-CH 600V 12A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 700 pcs Stock Available. Quote: RFQ</p>	<p>AOTF15B60D2 Description: IGBT 15A Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 12000 pcs Stock Available. Quote: RFQ</p>	<p>AOTF12T50PL Description: MOSFET N-CH Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 4000 pcs Stock Available. Quote: RFQ</p>



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