



AOTF6N90

Manufacturer Part Number:	AOTF6N90
Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET N-CH 900V 6A TO220F
Datasheets:	AOTF6N90(1).pdf AOTF6N90(2).pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 21000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of AOTF6N90

Part Number	AOTF6N90	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-220-3F
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 900V 6A (Tc) 50W (Tc) Through Hole TO-220-3F
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	50W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	900V	Current - Continuous Drain (Id) @ 25°C	6A (Tc)
Rds On (Max) @ Id, Vgs	2.2 Ohm @ 3A, 10V	Vgs(th) (Max) @ Id	4.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	35nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	1450pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±30V
Stock Quantity	21000 pcs Stock	Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 900V 6A TO220F	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords related to AOTF6N90

Alpha and Omega Semiconductor, Inc. AOTF6N90	AOTF6N90 part	AOTF6N90 Price	AOTF6N90 Distributor
AOTF6N90 Technical	AOTF6N90 Stock	AOTF6N90 Inventory	AOTF6N90 Supplier
AOTF6N90 Online Order	AOTF6N90 Inquiry	AOTF6N90 Image	AOTF6N90 Picture
AOTF6N90 pdf	AOTF6N90 datasheet	AOTF6N90 data sheet	AOTF6N90 pdf datasheet
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 AOTF5N100 Description: MOSFET N-CH 1000V 4A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 32000 pcs Stock Available. Quote: <input type="text" value="RFQ"/>	 AOTF5N50FD Description: MOSFET N-CH 500V 5A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 32000 pcs Stock Available. Quote: <input type="text" value="RFQ"/>	 AOTF7S65L Description: AOTF7S65L AOS TO220F Manufacturers: AOS In Stock: New original, 2000 pcs Stock Available. Quote: <input type="text" value="RFQ"/>
 AOTF8N50L Description: AOTF8N50L AOS TO-220F Manufacturers: AOS In Stock: New original, 1900 pcs Stock Available. Quote: <input type="text" value="RFQ"/>	 AOTF4N90 Description: MOSFET N-CH 900V 4A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 32000 pcs Stock Available. Quote: <input type="text" value="RFQ"/>	 AOTF7N65 Description: MOSFET N-CH 650V 7A TO220F Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 17900 pcs Stock Available. Quote: <input type="text" value="RFQ"/>
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