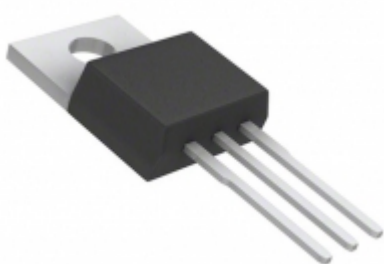














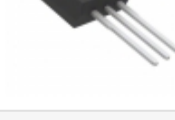
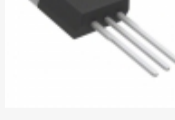
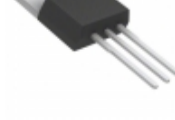






AOT5N50

		Part Number: AOT5N50	RoHS Status: Lead free / RoHS Compliant
	Manufacturer: Alpha and Omega Semiconductor, Inc.	Description: MOSFET N-CH 500V 5A TO-220	Ship From: Hong Kong
Images are for reference only. See Product Specifications for product details. Buy AOT5N50 with confidence from Components-Store.com, 1 Year Warranty		Data sheet: PDF TO220 Pkg Drawing PDF AOT(F)5N50	Shipment Way: DHL/Fedex/TNT/UPS/EMS
			Request For Quotation

PRODUCT PARAMETER	
Part Number	AOT5N50
Manufacturer	Alpha and Omega Semiconductor, Inc.
Description	MOSFET N-CH 500V 5A TO-220
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	145384 pcs
Product Photo	AOT5N50.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	4.5V @ 250µA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-220
Series	-
Rds On (Max) @ Id, Vgs	1.5 Ohm @ 2.5A, 10V
Power Dissipation (Max)	104W (Tc)
Packaging	Tube
Package / Case	TO-220-3
Other Names	785-1173-5
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	620pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	19nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	500V
Detailed Description	N-Channel 500V 5A (Tc) 104W (Tc) Through Hole TO-220
Current - Continuous Drain (Id) @ 25°C	5A (Tc)

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