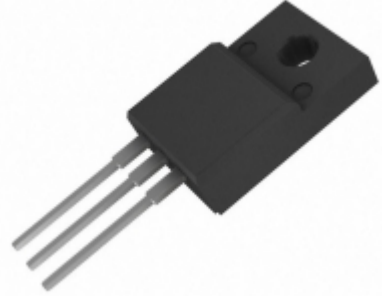




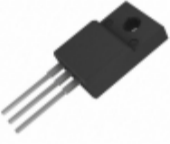

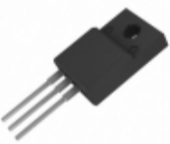

















AOTF12N60L

		Part Number: AOTF12N60L	RoHS Status: Lead free / RoHS Compliant
	Manufacturer: Alpha and Omega Semiconductor, Inc.	Description: MOSFET N-CH 600V 12A TO220F	Ship From: Hong Kong
Images are for reference only. See Product Specifications for product details. Buy AOTF12N60L with confidence from Components-Store.com, 1 Year Warranty	Data sheet:  AOT(F)12N60		Shipment Way: DHL/Fedex/TNT/UPS/EMS
			Request For Quotation

PRODUCT PARAMETER	
Part Number	AOTF12N60L
Manufacturer	Alpha and Omega Semiconductor, Inc.
Description	MOSFET N-CH 600V 12A TO220F
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	92271 pcs
Product Photo	AOTF12N60L.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	4.5V @ 250µA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-220F
Series	-
Rds On (Max) @ Id, Vgs	550 mOhm @ 6A, 10V
Power Dissipation (Max)	50W (Tc)
Packaging	Tube
Package / Case	TO-220-3 Full Pack
Other Names	785-1788
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	2100pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	50nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	600V
Detailed Description	N-Channel 600V 12A (Tc) 50W (Tc) Through Hole TO-220F
Current - Continuous Drain (Id) @ 25°C	12A (Tc)

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