



AOTF2142L

Manufacturer Part Number:	AOTF2142L
Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET N-CH 40V 112A TO220F
Datasheets:	AOTF2142L.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 32000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of AOTF2142L

Part Number	AOTF2142L	Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Series	-	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-220-3 Full Pack	Mounting Type	Through Hole
Supplier Device Package	TO-220F	Operating Temperature	-55°C ~ 175°C (TJ)
Detailed Description	N-Channel 40V 112A (Tc) 41W (Tc) Through Hole TO-220F	Technology	MOSFET (Metal Oxide)
Power Dissipation (Max)	41W (Tc)	FET Type	N-Channel
FET Feature	-	Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	112A (Tc)	Rds On (Max) @ Id, Vgs	1.9 mOhm @ 20A, 10V
Vgs(th) (Max) @ Id	2.3V @ 250µA	Gate Charge (Qg) (Max) @ Vgs	100nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	8320pF @ 20V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs (Max)	±20V	Stock Quantity	32000 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single Description		MOSFET N-CH 40V 112A TO220F
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to AOTF2142L

Alpha and Omega Semiconductor, Inc. AOTF2142L	AOTF2142L part	AOTF2142L Price	AOTF2142L Distributor
AOTF2142L Technical	AOTF2142L Stock	AOTF2142L Inventory	AOTF2142L Supplier
AOTF2142L Online Order	AOTF2142L Inquiry	AOTF2142L Image	AOTF2142L Picture
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