



AOT1606L

Manufacturer Part Number:	AOT1606L
Manufacturer / Brand:	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET N-CH 60V 178A TO220
Datasheets:	
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 28800 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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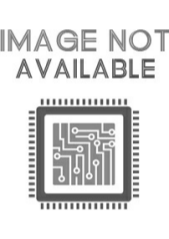





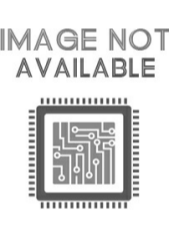
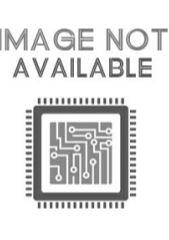
















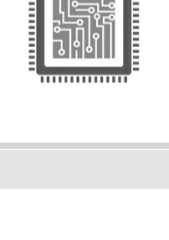

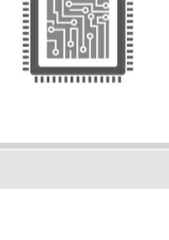
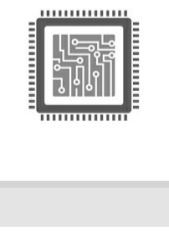

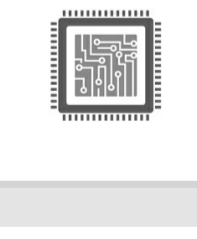
The specifications of AOT1606L

Part Number	AOT1606L	Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Series	-	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-220-3	Packaging	Tube
Mounting Type	Through Hole	Supplier Device Package	TO-220
Operating Temperature	-55°C ~ 175°C (TJ)	Detailed Description	N-Channel 60V 12A (Ta), 178A (Tc) 2.1W (Ta), 417W (Tc) Through Hole TO-220
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	2.1W (Ta), 417W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	60V	Current - Continuous Drain (Id) @ 25°C	12A (Ta), 178A (Tc)
Rds On (Max) @ Id, Vgs	6.3 mOhm @ 20A, 10V	Vgs(th) (Max) @ Id	3.7V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	102nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	4500pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±20V
Other Names	785-1411-5	Stock Quantity	28800 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single	Description	MOSFET N-CH 60V 178A TO220
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords realted to AOT1606L

Alpha and Omega Semiconductor, Inc. AOT1606L	AOT1606L part	AOT1606L Price	AOT1606L Distributor
AOT1606L Technical	AOT1606L Stock	AOT1606L Inventory	AOT1606L Supplier
AOT1606L Online Order	AOT1606L Inquiry	AOT1606L Image	AOT1606L Picture
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 AOT20C60P AOT20C60 Description: AOT20C60P AOT20C60 AO/ TO-220 Manufacturers: AO/ In Stock: New original, 6000 pcs Stock Available. Quote: <input type="text"/> RFQ	 AOT20C60P Description: AOT20C60P AOS TO-220 Manufacturers: AOS In Stock: New original, 32400 pcs Stock Available. Quote: <input type="text"/> RFQ	 AOT1404 Description: AOT1404 AOS TO-220 Manufacturers: AOS In Stock: New original, 600 pcs Stock Available. Quote: <input type="text"/> RFQ
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