



### AO4438

Manufacturer Part Number:	AO4438
Manufacturer / Brand:	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET N-CH 60V 8.2A 8-SOIC
Datasheets:	AO4438.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 69000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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**AO4438** 100% New Original 69000pcs in Stock, Find AO4438 Price, Stock, datasheet at IC Components Ltd Online, buy AO4438 Alpha and Omega Semiconductor, Inc. with warrantied. 100% guarantee confidence. RFQ AO4438: [Info@IC-Components.com](mailto:Info@IC-Components.com)














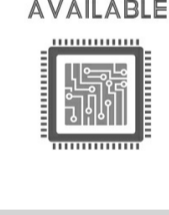

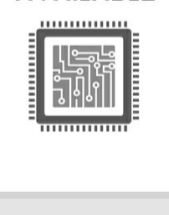
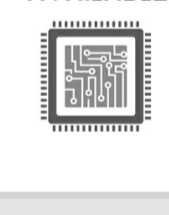
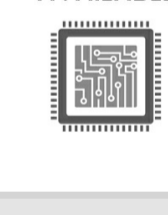



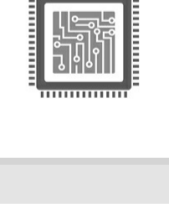
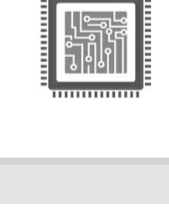


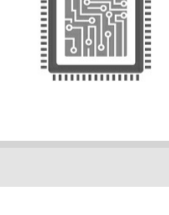



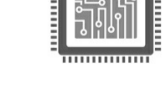
### The specifications of AO4438

Part Number	AO4438	Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Series	-	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Packaging	Original-Reel®
Mounting Type	Surface Mount	Supplier Device Package	8-SOIC
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 60V 8.2A (Ta) 3.1W (Ta) Surface Mount 8-SOIC
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	3.1W (Ta)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	60V	Current - Continuous Drain (Id) @ 25°C	8.2A (Ta)
Rds On (Max) @ Id, Vgs	22 mOhm @ 8.2A, 10V	Vgs(th) (Max) @ Id	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	58nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	2300pF @ 30V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±20V
Other Names	785-1032-6	Stock Quantity	69000 pcs Stock
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs, MOSFETs - Single</a>	Description	MOSFET N-CH 60V 8.2A 8-SOIC
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

### Keywords related to AO4438

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