



AO4588

Manufacturer Part Number:	AO4588
Manufacturer / Brand:	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET N-CH 30V 20A 8SOIC
Datasheets:	
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 19000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of AO4588

Part Number	AO4588	Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Series	-	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Packaging	Tape & Reel (TR)
Mounting Type	Surface Mount	Supplier Device Package	8-SOIC
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 30V 20A (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)	30V	Current - Continuous Drain (Id) @ 25°C	20A (Ta)
Rds On (Max) @ Id, Vgs	4.8 mOhm @ 20A, 10V	Vgs(th) (Max) @ Id	2.4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	50nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	2940pF @ 15V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±20V
Other Names	785-1554-2 AO4588-ND	Stock Quantity	19000 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single	Description	MOSFET N-CH 30V 20A 8SOIC
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to AO4588

Alpha and Omega Semiconductor, Inc. AO4588	AO4588 part	AO4588 Price	AO4588 Distributor
AO4588 Technical	AO4588 Stock	AO4588 Inventory	AO4588 Supplier
AO4588 Online Order	AO4588 Inquiry	AO4588 Image	AO4588 Picture
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IMAGE NOT AVAILABLE AO4496L/AO4496 Description: AO4496L/AO4496 AO SOP-8 Manufacturers: AO In Stock: New original, 3600 pcs Stock Available. Quote: <input type="text"/> RFQ	 AO4600C Description: MOSFET N/P-CH 30V 8SOIC Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 19000 pcs Stock Available. Quote: <input type="text"/> RFQ	IMAGE NOT AVAILABLE AO4600 Description: AO4600 AOS SOP-8 Manufacturers: AOS In Stock: New original, 23600 pcs Stock Available. Quote: <input type="text"/> RFQ
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