



AON6542

Manufacturer Part Number:	AON6542
Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET N-CH 30V 23A DFN5X6
Datasheets:	AON6542(1).pdf AON6542(2).pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 159000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of AON6542

Part Number	AON6542	Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Series	-	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	8-PowerSMD, Flat Leads	Packaging	Cut Tape (CT)
Mounting Type	Surface Mount	Supplier Device Package	8-DFN (5x6)
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 30V 23A (Ta), 30A (Tc) 4.1W (Ta), 25W (Tc) Surface Mount 8-DFN (5x6)
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	4.1W (Ta), 25W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	30V	Current - Continuous Drain (Id) @ 25°C	23A (Ta), 30A (Tc)
Rds On (Max) @ Id, Vgs	5 mOhm @ 20A, 10V	Vgs(th) (Max) @ Id	2.2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	22.5nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	951pF @ 15V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±20V
Other Names	785-1601-1	Stock Quantity	159000 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single Description		MOSFET N-CH 30V 23A DFN5X6
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to AON6542

Alpha and Omega Semiconductor, Inc. AON6542	AON6542 part	AON6542 Price	AON6542 Distributor
AON6542 Technical	AON6542 Stock	AON6542 Inventory	AON6542 Supplier
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 <p>AON6544 Description: MOSFET N-CH 30V 85A 8-DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 15100 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>AON6562 Description: MOSFET N-CH 30V Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 6000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>AON6520 Description: MOSFET N-CH 30V 11A DFN5X6 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 30000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
 <p>AON6534 Description: MOSFET N-CH 30V 20A DFN5X6 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 6000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>AON6536 Description: MOSFET N CH 30V 22A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 93000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>AON6566P Description: MOSFET N-CH 30V 27A DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 6000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
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 <p>AON6576 Description: MOSFET N-CH Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 6000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p>AON6552 Description: AON6552 QQ2850920316 DFN5x6 Manufacturers: QQ2850920316 In Stock: New original, 15600 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>AON6526 Description: MOSFET N-CH 30V 24A DFN5X6 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 25700 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
 <p>AON6546 Description: MOSFET N-CH Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 15100 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>AON6518 Description: MOSFET N-CH 30V 85A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 90000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>AON6554 Description: MOSFET N CH 30V 36A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 18200 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
 <p>AON6558 Description: MOSFET N-CH 30V 30A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 15100 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>AON6512 Description: MOSFET N-CH 30V 54A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 15100 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>AON6578 Description: MOSFET N-CH Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 6000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
 <p>AON6524 Description: MOSFET N-CH 30V 68A DFN5X6 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 10000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>AON6560 Description: MOSFET N-CH Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 3000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p>AON6554 DFN8 Description: AON6554 DFN8 ALPHA DFN8 Manufacturers: ALPHA In Stock: New original, 29000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
 <p>AON6522 Description: MOSFET N-CH 25V 71A DFN5X6 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 30000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p> <p>AON6510A Description: AON6510A AOS DFN5x6 Manufacturers: AOS In Stock: New original, 700 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>AON6530 Description: MOSFET N CH 30V 28.5A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 50000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
 <p>AON6538 Description: MOSFET N CH 30V 30A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 234400 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>AON6532P Description: MOSFET N-CH DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 12000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>AON6514 Description: MOSFET N-CH 30V 23A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 27000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>



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