





ALPHA & OMEGA  
SEMICONDUCTOR



### AON6512

Manufacturer Part Number:	AON6512
Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET N-CH 30V 54A 8DFN
Datasheets:	<a href="#">AON6512(1).pdf</a> <a href="#">AON6512(2).pdf</a>
Lead Free Status / RoHS Status:	  Lead free / RoHS Compliant
Stock Condition:	New original, 15100 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

GET A QUOTE

AON6512 100% New Original 15100pcs in Stock, Find AON6512 Price, Stock, datasheet at IC Components Ltd Online, buy AON6512 Alpha and Omega Semiconductor, Inc. with warrantied. 100% guarantee confidence. RFQ AON6512: [Info@IC-Components.com](mailto:Info@IC-Components.com)

### The specifications of AON6512

Part Number	AON6512	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 54A (Ta), 150A (Tc) 7.4W (Ta), 83W (Tc) Surface Mount 8-DFN (5x6)
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	7.4W (Ta), 83W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	30V	Current - Continuous Drain (Id) @ 25°C	54A (Ta), 150A (Tc)
Rds On (Max) @ Id, Vgs	1.7 mOhm @ 20A, 10V	Vgs(th) (Max) @ Id	2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	64nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	3430pF @ 15V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±20V
Other Names	785-1366-1	Stock Quantity	15100 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single Description MOSFET N-CH 30V 54A 8DFN		
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

### Keywords realted to AON6512

Alpha and Omega Semiconductor, Inc. AON6512	AON6512 part	AON6512 Price	AON6512 Distributor
AON6512 Technical	AON6512 Stock	AON6512 Inventory	AON6512 Supplier
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### You May Be Also Be interested In:



**AON6522**  
**Description:** MOSFET N-CH 25V 71A DFN5X6  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 30000 pcs Stock Available.

Quote:

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**AON6542**  
**Description:** MOSFET N-CH 30V 23A DFN5X6  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 159000 pcs Stock Available.

Quote:

RFQ



**AON6504**  
**Description:** MOSFET N-CH 30V 51A 8DFN  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 39000 pcs Stock Available.

Quote:

RFQ



**AON6454A**  
**Description:** MOSFET N-CH 150V 5A DFN5X6  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 3000 pcs Stock Available.

Quote:

RFQ



**AON6534**  
**Description:** MOSFET N-CH 30V 20A DFN5X6  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 6000 pcs Stock Available.

Quote:

RFQ



**AON6502**  
**Description:** MOSFET N-CH 30V 49A DFN5X6  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 13500 pcs Stock Available.

Quote:

RFQ



**AON6482**  
**Description:** MOSFET N-CH 100V 28A 5X6DFN  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 47000 pcs Stock Available.

Quote:

RFQ



**AON6518**  
**Description:** MOSFET N-CH 30V 85A 8DFN  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 90000 pcs Stock Available.

Quote:

RFQ



**AON6452L/AON6452**  
**Description:** AON6452L/AON6452 AOS DFN5x6  
**Manufacturers:** AOS  
**In Stock:** New original, 15000 pcs Stock Available.

Quote:

RFQ



**AON6506S**  
**Description:** AON6506S AOS DFN5x6  
**Manufacturers:** AOS  
**In Stock:** New original, 1400 pcs Stock Available.

Quote:

RFQ



**AON6514**  
**Description:** MOSFET N-CH 30V 23A 8DFN  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 27000 pcs Stock Available.

Quote:

RFQ



**AON6536**  
**Description:** MOSFET N CH 30V 22A 8DFN  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 93000 pcs Stock Available.

Quote:

RFQ



**AON6516**  
**Description:** MOSFET N-CH 30V 27A 8DFN  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 42600 pcs Stock Available.

Quote:

RFQ



**AON6538**  
**Description:** MOSFET N CH 30V 30A 8DFN  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 234400 pcs Stock Available.

Quote:

RFQ



**AON6454**  
**Description:** AON6454 AOS DFN56  
**Manufacturers:** AOS  
**In Stock:** New original, 100 pcs Stock Available.

Quote:

RFQ



**AON6532P**  
**Description:** MOSFET N-CH DFN  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 12000 pcs Stock Available.

Quote:

RFQ



**AON6510**  
**Description:** MOSFET N-CH 30V 28A 8DFN  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 50000 pcs Stock Available.

Quote:

RFQ



**AON6484**  
**Description:** MOSFET N-CH 100V 3.3A DFN5X6  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 15100 pcs Stock Available.

Quote:

RFQ



**AON6526**  
**Description:** MOSFET N-CH 30V 24A DFN5X6  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 25700 pcs Stock Available.

Quote:

RFQ



**AON6486**  
**Description:** AON6486 QQ2850920316 DFN5x6  
**Manufacturers:** QQ2850920316  
**In Stock:** New original, 15100 pcs Stock Available.

Quote:

RFQ



**AON64530**  
**Description:** MOSFET N CH 30V 28.5A 8DFN  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 50000 pcs Stock Available.

Quote:

RFQ



**AON6508**  
**Description:** MOSFET N-CH 30V 29A 8DFN  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 50000 pcs Stock Available.

Quote:

RFQ



**AON6544**  
**Description:** MOSFET N-CH 30V 85A 8-DFN  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 15100 pcs Stock Available.

Quote:

RFQ



**AON6520**  
**Description:** MOSFET N-CH 30V 11A DFN5X6  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 30000 pcs Stock Available.

Quote:

RFQ



**AON6500**  
**Description:** MOSFET N CH 30V 71A DFN5X6  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 15100 pcs Stock Available.

Quote:

RFQ



**AON6510A**  
**Description:** AON6510A AOS DFN5x6  
**Manufacturers:** AOS  
**In Stock:** New original, 700 pcs Stock Available.

Quote:

RFQ



**AON6524**  
**Description:** MOSFET N-CH 30V 68A DFN5X6  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 10000 pcs Stock Available.

Quote:

RFQ



**AON6458**  
**Description:** MOSFET N-CH 250V 2.2A 8DFN  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 2000 pcs Stock Available.

Quote:

RFQ



**AON6506**  
**Description:** MOSFET N-CH 30V 36A DFN5X6  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 155000 pcs Stock Available.

Quote:

RFQ



**AON6528**  
**Description:** MOSFET N-CHANNEL 30V 30A 8DFN  
**Manufacturers:** Alpha and Omega Semiconductor, Inc.  
**In Stock:** New original, 15100 pcs Stock Available.

Quote:

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