



### AON7242

Manufacturer Part Number:	AON7242
Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET N-CH 40V 30A 8DFN
Datasheets:	<a href="#">AON7242.pdf</a>
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 30000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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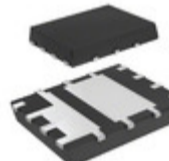

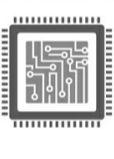







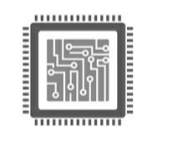



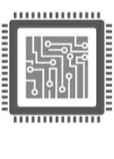
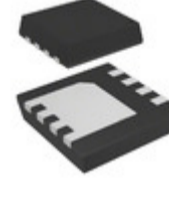



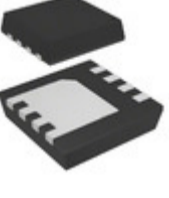






### The specifications of AON7242

Part Number	AON7242	Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Series	-	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	8-PowerWDFN	Packaging	Cut Tape (CT)
Mounting Type	Surface Mount	Supplier Device Package	8-DFN-EP (3.3x3.3)
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 40V 30A (Ta), 50A (Tc) 6.2W (Ta), 83W (Tc) Surface Mount 8-DFN-EP (3.3x3.3)
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	6.2W (Ta), 83W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	40V	Current - Continuous Drain (Id) @ 25°C	30A (Ta), 50A (Tc)
Rds On (Max) @ Id, Vgs	3.9 mOhm @ 20A, 10V	Vgs(th) (Max) @ Id	2.3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	32nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	2365pF @ 20V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±20V
Other Names	785-1378-1	Stock Quantity	30000 pcs Stock
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs, MOSFETs - Single</a>	Description	MOSFET N-CH 40V 30A 8DFN
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

### Keywords realted to AON7242

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 <p><b>AON7290</b> Description: MOSFET N CH 100V 15A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 3000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON7246E</b> Description: MOSFET N-CHANNEL 60V 28A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 30000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON7246</b> Description: MOSFET N-CH 60V 10A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 30000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p>IMAGE NOT AVAILABLE</p>  <p><b>AON6976</b> Description: AON6976 Alpha&amp;Ome DFN56-8 Manufacturers: Alpha&amp;Ome In Stock: New original, 29900 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON6996</b> Description: MOSFET 2N-CH 30V 50A/60A DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 10000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON7200</b> Description: MOSFET N-CH 30V 15.8A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 50000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p>IMAGE NOT AVAILABLE</p>  <p><b>AON7212</b> Description: AON7212 AOS DFN Manufacturers: AOS In Stock: New original, 145300 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON7400A</b> Description: MOSFET N-CH 30V 15A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 50000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON7400</b> Description: MOSFET N-CH 30V 20A 8-DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 50000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
 <p><b>AON6992</b> Description: MOSFET 2N-CH 30V 19A/31A Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 26900 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON6978</b> Description: MOSFET 2N-CH 30V 20A/28A 8-DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 6000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON7232</b> Description: MOSFET N-CHANNEL 100V 37A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 30000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
 <p><b>AON7202</b> Description: MOSFET N-CH 30V 20A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 330000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON7240</b> Description: MOSFET N-CH 40V 19A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 30000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p>  <p><b>AON7400A AON7400</b> Description: AON7400A AON7400 AO/ DFN-83.3x3.3 Manufacturers: AO/ In Stock: New original, 6000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
 <p><b>AON7230</b> Description: MOSFET N-CHANNEL 100V 47A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 30000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON7296</b> Description: MOSFET N-CH 100V 5A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 30000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON6998</b> Description: MOSFET 2N-CH 30V 19A/26A DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 30000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
<p>IMAGE NOT AVAILABLE</p>  <p><b>AON6984</b> Description: AON6984 AO/ DFN-85x6 Manufacturers: AO/ In Stock: New original, 30000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON7254</b> Description: MOSFET N-CH 150V 17A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 30000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON7292</b> Description: MOSFET N-CH 100V 23A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 30000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
 <p><b>AON7244</b> Description: MOSFET N-CH 60V 20A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 30000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	<p>IMAGE NOT AVAILABLE</p>  <p><b>AON7318</b> Description: AON7318 AOS DFN3.3x3. Manufacturers: AOS In Stock: New original, 11800 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON7280</b> Description: MOSFET N-CH 80V 20A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 30000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
 <p><b>AON7210</b> Description: MOSFET N-CH 30V 30A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 6000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON7246E</b> Description: MOSFET N-CHANNEL 60V 13A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 30000 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON6994</b> Description: MOSFET 2N-CH 30V 19A/26A Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 28900 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
 <p><b>AON7220</b> Description: MOSFET N-CH 25V 37A DFN3.3X3.3 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 1300 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON7380</b> Description: MOSFET N-CH DFN 3X3 EP Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 15100 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>AON7262E</b> Description: MOSFET N-CH 60V 34A 8DFN Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 15100 pcs Stock Available.</p> <p>Quote: <input type="text"/> <input type="button" value="RFQ"/></p>



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