



**AOD4182**

Manufacturer Part Number:	AOD4182
Manufacturer / Brand:	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET N-CH 80V 53A TO252
Datasheets:	
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

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**AOD4182** 100% New Original 15100pcs in Stock, Find AOD4182 Price, Stock, datasheet at IC Components Ltd Online, buy AOD4182 Alpha and Omega Semiconductor, Inc. with warrantied. 100% guarantee confidence. RFQ AOD4182: [Info@IC-Components.com](mailto:Info@IC-Components.com)

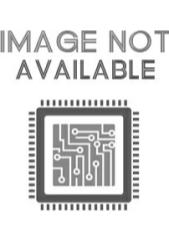


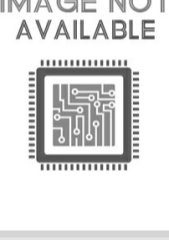





















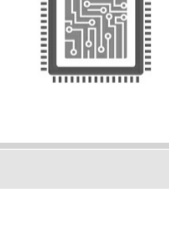
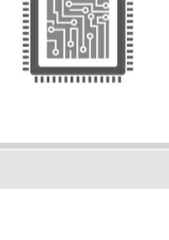

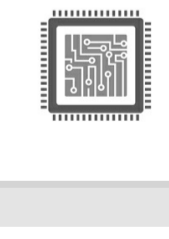
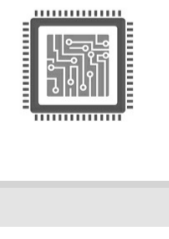
The specifications of AOD4182

Part Number	AOD4182	Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Series	SDMOS™	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-252-3, DPAK (2 Leads + Tab), SC-63	Packaging	Cut Tape (CT)
Mounting Type	Surface Mount	Supplier Device Package	TO-252, (D-Pak)
Operating Temperature	-55°C ~ 175°C (TJ)	Detailed Description	N-Channel 80V 8.5A (Ta), 53A (Tc) 2.5W (Ta), 100W (Tc) Surface Mount TO-252, (D-Pak)
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	2.5W (Ta), 100W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	80V	Current - Continuous Drain (Id) @ 25°C	8.5A (Ta), 53A (Tc)
Rds On (Max) @ Id, Vgs	15.5 mOhm @ 20A, 10V	Vgs(th) (Max) @ Id	4.2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	34nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	2005pF @ 40V
Drive Voltage (Max Rds On, Min Rds On)	7V, 10V	Vgs (Max)	±25V
Other Names	785-1220-1	Stock Quantity	15100 pcs Stock
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs, MOSFETs - Single</a>	Description	MOSFET N-CH 80V 53A TO252
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to AOD4182

Alpha and Omega Semiconductor, Inc. AOD4182	AOD4182 part	AOD4182 Price	AOD4182 Distributor
AOD4182 Technical	AOD4182 Stock	AOD4182 Inventory	AOD4182 Supplier
AOD4182 Online Order	AOD4182 Inquiry	AOD4182 Image	AOD4182 Picture
AOD4182 pdf	AOD4182 datasheet	AOD4182 data sheet	AOD4182 pdf datasheet
Download AOD4182 datasheet	Alpha and Omega Semiconductor, Inc. Manufacturer	Alpha and Omega Semiconductor, Inc. AOD4182	Alpha and Omega Semiconductor, Inc. AOD4182
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 <b>AOD414L</b> Description: AOD414L AOS TO-252 Manufacturers: AOS In Stock: New original, 2500 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD418</b> Description: MOSFET N-CH 30V 13.5A TO252 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 18500 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD418G</b> Description: MOSFET N-CH 30V DPAK Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 2400 pcs Stock Available. Quote: <input type="text"/> RFQ
 <b>AOD4144</b> Description: AOD4144 VB TO-252 Manufacturers: VB In Stock: New original, 40800 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD4186</b> Description: MOSFET N-CH 40V 10A TO252 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 22400 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD4146</b> Description: MOSFET N-CH 30V 15A TO252 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 50000 pcs Stock Available. Quote: <input type="text"/> RFQ
 <b>AOD423</b> Description: MOSFET P-CH 30V 15A Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 50000 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD421</b> Description: MOSFET P-CH 20V 12.5A TO252 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 22800 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD4184L</b> Description: AOD4184L AOS TO-252 Manufacturers: AOS In Stock: New original, 72500 pcs Stock Available. Quote: <input type="text"/> RFQ
 <b>AOD4180</b> Description: MOSFET N-CH 80V 54A TO252 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 15100 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD4191L</b> Description: AOD4191L VB TO-252 Manufacturers: VB In Stock: New original, 10000 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD417</b> Description: MOSFET P-CH 30V 25A TO252 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 50000 pcs Stock Available. Quote: <input type="text"/> RFQ
 <b>AOD4136L</b> Description: MOSFET N-CH TO252 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 16400 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD418A</b> Description: AOD418A AOS TO-252 Manufacturers: AOS In Stock: New original, 2500 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD4187</b> Description: AOD4187 VB TO-252-2 Manufacturers: VB In Stock: New original, 11000 pcs Stock Available. Quote: <input type="text"/> RFQ
 <b>AOD413A</b> Description: MOSFET P-CH 40V 12A TO252 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 200000 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD420</b> Description: AOD420 AOS TO252 Manufacturers: AOS In Stock: New original, 50000 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD4158P</b> Description: MOSFET N-CH 30V 13A TO252 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 15100 pcs Stock Available. Quote: <input type="text"/> RFQ
 <b>AOD422</b> Description: AOD422 AOS TO-252 Manufacturers: AOS In Stock: New original, 21000 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD4156</b> Description: AOD4156 VB TO252 Manufacturers: VB In Stock: New original, 50000 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD4184A</b> Description: MOSFET N-CH 40V 50A TO252 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 50000 pcs Stock Available. Quote: <input type="text"/> RFQ
 <b>AOD4189</b> Description: MOSFET P-CH 40V 40A TO252 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 17600 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD414</b> Description: AOD414 AOS TO-252 Manufacturers: AOS In Stock: New original, 7000 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD4148</b> Description: AOD4148 AOS TO-252 Manufacturers: AOS In Stock: New original, 15100 pcs Stock Available. Quote: <input type="text"/> RFQ
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 <b>AOD4158</b> Description: MOSFET N-CH 30V 17A TO252 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 12500 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD416</b> Description: AOD416 AOS TO-252 Manufacturers: AOS In Stock: New original, 2200 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>AOD4185</b> Description: MOSFET P-CH 40V 40A TO252 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 53600 pcs Stock Available. Quote: <input type="text"/> RFQ



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