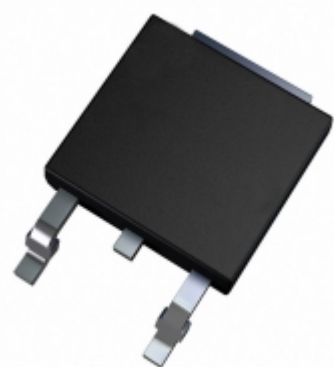



AOD7S60







Part Number: [AOD7S60](#)

Manufacturer [Alpha and Omega Semiconductor, Inc.](#)

Description MOSFET N-CH 600V TO252

Data sheet:  [TO252 \(DPAK\) Pkg Drawing](#)
 [AO\(D,U\)7S60](#)

RoHs Status: Lead free / RoHS Compliant

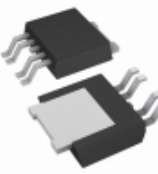
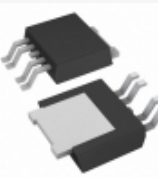

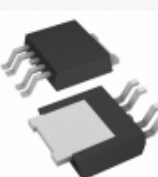



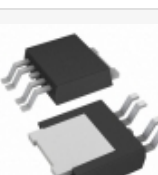
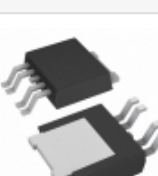










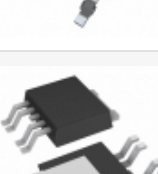
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.
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PRODUCT PARAMETER	
Part Number	AOD7S60
Manufacturer	Alpha and Omega Semiconductor, Inc.
Description	MOSFET N-CH 600V TO252
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	73451 pcs
Product Photo	AOD7S60-001.jpg , AOD7S60-002.jpg , AOD7S60-003.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	3.9V @ 250µA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-252, (D-Pak)
Series	aMOS™
Rds On (Max) @ Id, Vgs	600 mOhm @ 3.5A, 10V
Power Dissipation (Max)	83W (Tc)
Packaging	Original-Reel®
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Other Names	785-1266-6
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	372pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	8.2nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	600V
Detailed Description	N-Channel 600V 7A (Tc) 83W (Tc) Surface Mount TO-252, (D-Pak)
Current - Continuous Drain (Id) @ 25°C	7A (Tc)
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RELATED PRODUCTS	
	<div><div>Part#: AOD603A</div><div>Description: MOSFET N/P-CH 60V TO252-4L</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 137413</div></div> <div>RFQ</div>
	<div><div>Part#: AOD609</div><div>Description: MOSFET N/P-CH 40V 12A TO252-4</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 160967</div></div> <div>RFQ</div>
	<div><div>Part#: AOD7N60</div><div>Description: MOSFET N-CH 600V 7A TO252</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 138967</div></div> <div>RFQ</div>
	<div><div>Part#: AOD607_001</div><div>Description: MOSFET N/P-CH 30V TO252-4</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 5817</div></div> <div>RFQ</div>
	<div><div>Part#: AOD7B65M3</div><div>Description: IGBT 650V 7A TO252</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 170390</div></div> <div>RFQ</div>
	<div><div>Part#: AOD7S65</div><div>Description: MOSFET N-CH 650V 7A TO252</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 79952</div></div> <div>RFQ</div>
	<div><div>Part#: AOD5T40P_101</div><div>Description: MOSFET N-CH DPAK</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 5829</div></div> <div>RFQ</div>
	<div><div>Part#: AOD607</div><div>Description: MOSFET N/P-CH 30V 12A TO252</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 5057</div></div> <div>RFQ</div>
	<div><div>Part#: AOD607_DELTA</div><div>Description: MOSFET N/P-CH 30V 12A TO252-4L</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 5686</div></div> <div>RFQ</div>
	<div><div>Part#: AOD9T40P</div><div>Description: MOSFET N-CH 400V 6.6A</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 76605</div></div> <div>RFQ</div>
	<div><div>Part#: AOD9N40</div><div>Description: MOSFET N CH 400V 8A TO252</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 84384</div></div> <div>RFQ</div>
	<div><div>Part#: AOD6N50</div><div>Description: MOSFET N-CH 500V 5.3A TO252</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 137371</div></div> <div>RFQ</div>
	<div><div>Part#: AOD606</div><div>Description: MOSFET N/P-CH 40V 8A TO252-4</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 5220</div></div> <div>RFQ</div>
	<div><div>Part#: AOD8N25</div><div>Description: MOSFET N CH 250V 8A TO252</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 160946</div></div> <div>RFQ</div>
	<div><div>Part#: AOD604</div><div>Description: MOSFET N/P-CH 40V 8A TO252-5</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 4973</div></div> <div>RFQ</div>
	<div><div>Part#: AOD5T40P</div><div>Description: MOSFET N-CH 400V 3.9A TO252</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 196870</div></div> <div>RFQ</div>
	<div><div>Part#: AOD661</div><div>Description: MOSFET 2 N-CH 30V 12A TO252-4L</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 207035</div></div> <div>RFQ</div>
	<div><div>Part#: AOD9N50</div><div>Description: MOSFET N-CH 500V 9A TO252</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 123053</div></div> <div>RFQ</div>
	<div><div>Part#: AOD7N65</div><div>Description: MOSFET N-CH 650V 7A TO252</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 110217</div></div> <div>RFQ</div>
	<div><div>Part#: AOD607A</div><div>Description: MOSFET N/P-CH 30V 8A/12A TO252-4</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 156465</div></div> <div>RFQ</div>

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