



AOI4146

Manufacturer Part Number:	AOI4146
Manufacturer / Brand:	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET N-CH 30V 15A TO251A
Datasheets:	
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 3000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of AOI4146

Part Number	AOI4146	Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Series	SDMOS™	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-251-3 Stub Leads, IPak	Packaging	Tube
Mounting Type	Through Hole	Supplier Device Package	TO-251A
Operating Temperature	-55°C ~ 175°C (TJ)	Detailed Description	N-Channel 30V 15A (Ta), 55A (Tc) 2.5W (Ta), 62W (Tc) Through Hole TO-251A
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	2.5W (Ta), 62W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	30V	Current - Continuous Drain (Id) @ 25°C	15A (Ta), 55A (Tc)
Rds On (Max) @ Id, Vgs	5.6 mOhm @ 20A, 10V	Vgs(th) (Max) @ Id	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	42nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	2440pF @ 15V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±20V
Stock Quantity	3000 pcs Stock	Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 30V 15A TO251A	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords related to AOI4146

Alpha and Omega Semiconductor, Inc. AOI4146	AOI4146 part	AOI4146 Price	AOI4146 Distributor
AOI4146 Technical	AOI4146 Stock	AOI4146 Inventory	AOI4146 Supplier
AOI4146 Online Order	AOI4146 Inquiry	AOI4146 Image	AOI4146 Picture
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 AOI4102 Description: MOSFET N-CH 30V 8A TO251A Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 6000 pcs Stock Available. Quote: <input type="text"/> RFQ	 AOI423 Description: MOSFET P-CH 30V 15A Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 6000 pcs Stock Available. Quote: <input type="text"/> RFQ	IMAGE NOT AVAILABLE AOI425 Description: AOI425 VB TO-251A Manufacturers: VB In Stock: New original, 3000 pcs Stock Available. Quote: <input type="text"/> RFQ
IMAGE NOT AVAILABLE AOI4187 Description: AOI4187 VB TO-251A Manufacturers: VB In Stock: New original, 3000 pcs Stock Available. Quote: <input type="text"/> RFQ	 AOI444 Description: MOSFET N-CH 60V 4A TO251A Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 52700 pcs Stock Available. Quote: <input type="text"/> RFQ	 AOI4184 Description: MOSFET N-CH 40V 6.5A TO251A Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 16300 pcs Stock Available. Quote: <input type="text"/> RFQ
 AOI418 Description: MOSFET N-CH 30V 13.5A TO251A Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 3100 pcs Stock Available. Quote: <input type="text"/> RFQ	IMAGE NOT AVAILABLE AOI4144 Description: AOI4144 AOS TO-251 Manufacturers: AOS In Stock: New original, 20700 pcs Stock Available. Quote: <input type="text"/> RFQ	IMAGE NOT AVAILABLE AOI4191 Description: AOI4191 VB TO-251A Manufacturers: VB In Stock: New original, 3000 pcs Stock Available. Quote: <input type="text"/> RFQ
 AOI4130 Description: MOSFET N-CH 60V 6.5A TO251A Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 5500 pcs Stock Available. Quote: <input type="text"/> RFQ	IMAGE NOT AVAILABLE AOI4189 Description: AOI4189 VB TO-251A Manufacturers: VB In Stock: New original, 3000 pcs Stock Available. Quote: <input type="text"/> RFQ	 AOI4286 Description: MOSFET N-CH 100V 14A TO-251 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 4500 pcs Stock Available. Quote: <input type="text"/> RFQ
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IMAGE NOT AVAILABLE AOI407 Description: AOI407 VB TO-251A Manufacturers: VB In Stock: New original, 3000 pcs Stock Available. Quote: <input type="text"/> RFQ	 AOI4126 Description: MOSFET N-CH 100V 7.5A TO251A Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 5500 pcs Stock Available. Quote: <input type="text"/> RFQ	IMAGE NOT AVAILABLE AOI410 Description: AOI410 VB TO-251A Manufacturers: VB In Stock: New original, 3000 pcs Stock Available. Quote: <input type="text"/> RFQ
IMAGE NOT AVAILABLE AOI408 Description: AOI408 VB TO-251A Manufacturers: VB In Stock: New original, 3000 pcs Stock Available. Quote: <input type="text"/> RFQ	IMAGE NOT AVAILABLE AOI4104 Description: AOI4104 VB TO-251A Manufacturers: VB In Stock: New original, 3000 pcs Stock Available. Quote: <input type="text"/> RFQ	IMAGE NOT AVAILABLE AOI421 Description: AOI421 VB TO-251A Manufacturers: VB In Stock: New original, 3000 pcs Stock Available. Quote: <input type="text"/> RFQ
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 AOI409 Description: MOSFET P-CH 60V 26A TO251A Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 50000 pcs Stock Available. Quote: <input type="text"/> RFQ	IMAGE NOT AVAILABLE AOI4186 Description: AOI4186 VB TO-251A Manufacturers: VB In Stock: New original, 3000 pcs Stock Available. Quote: <input type="text"/> RFQ	 AOI442 Description: MOSFET N-CH 60V 7A TO251A Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 3700 pcs Stock Available. Quote: <input type="text"/> RFQ
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