



AOI452A

Manufacturer Part Number:	AOI452A
Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET TO-251A
Datasheets:	AOI452A.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 10500 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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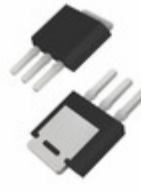





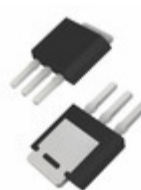









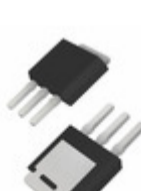
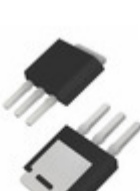



The specifications of AOI452A

Part Number	AOI452A	Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Series	SDMOS™	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA	Packaging	Tape & Reel (TR)
Mounting Type	Through Hole	Supplier Device Package	TO-251A
Operating Temperature	-55°C ~ 175°C (TJ)	Detailed Description	N-Channel 25V 55A (Tc) 3.2W (Ta), 50W (Tc) Through Hole TO-251A
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	3.2W (Ta), 50W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	25V	Current - Continuous Drain (Id) @ 25°C	55A (Tc)
Rds On (Max) @ Id, Vgs	7.3 mOhm @ 20A, 10V	Vgs(th) (Max) @ Id	2.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	26nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	1450pF @ 12.5V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±20V
Stock Quantity	10500 pcs Stock	Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single
Description	MOSFET TO-251A	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords related to AOI452A

Alpha and Omega Semiconductor, Inc. AOI452A	AOI452A part	AOI452A Price	AOI452A Distributor
AOI452A Technical	AOI452A Stock	AOI452A Inventory	AOI452A Supplier
AOI452A Online Order	AOI452A Inquiry	AOI452A Image	AOI452A Picture
AOI452A pdf	AOI452A datasheet	AOI452A data sheet	AOI452A pdf datasheet
Download AOI452A datasheet	Alpha and Omega Semiconductor, Inc. Manufacturer	Alpha and Omega Semiconductor, Inc. AOI452A	Alpha and Omega Semiconductor, Inc. AOI452A
Alpha & Omega Semiconductor AOI452A	Alpha & Omega Semiconductor Inc. AOI452A		

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 AOI425 Description: AOI425 VB TO-251A Manufacturers: VB In Stock: New original, 3000 pcs Stock Available. Quote: RFQ	 AOI452 Description: AOI452 VB TO-251A Manufacturers: VB In Stock: New original, 3300 pcs Stock Available. Quote: 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: RFQ
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