



AOD4454

Manufacturer Part Number:	AOD4454
Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET N-CH 150V 3A TO252
Datasheets:	AOD4454(1).pdf AOD4454(2).pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 40000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of AOD4454

Part Number	AOD4454	Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Series	-	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Packaging	Tape & Reel (TR)
Mounting Type	Surface Mount	Supplier Device Package	TO-252, (D-Pak)
Operating Temperature	-55°C ~ 175°C (TJ)	Detailed Description	N-Channel 150V 3A (Ta), 20A (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)	150V	Current - Continuous Drain (Id) @ 25°C	3A (Ta), 20A (Tc)
Rds On (Max) @ Id, Vgs	94 mOhm @ 10A, 10V	Vgs(th) (Max) @ Id	4.6V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	20nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	985pF @ 75V
Drive Voltage (Max Rds On, Min Rds On)	7V, 10V	Vgs (Max)	±20V
Stock Quantity	40000 pcs Stock	Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 150V 3A TO252	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords related to AOD4454

Alpha and Omega Semiconductor, Inc. AOD4454	AOD4454 part	AOD4454 Price	AOD4454 Distributor
AOD4454 Technical	AOD4454 Stock	AOD4454 Inventory	AOD4454 Supplier
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IC Components Limited
WWW.IC-COMPONENTS.COM

Email: Info@IC-Components.com
TEL: 00 852 - 30501935
FAX: 00 852 - 30501945

Address: 6H Block 1, Sherwood Court, Kingswood Villa, Tin Shui Wai, New Territories, Hong Kong