

AOD4124 Datasheet



DiGi Electronics Part Number	
Manufacturer	
Manufacturer Product Number	
Description	
Detailed Description	

AOD4124-DG

Alpha & Omega Semiconductor Inc.

AOD4124

MOSFET N-CH 100V 7.5A/54A TO252

N-Channel 100 V 7.5A (Ta), 54A (Tc) 3.1W (Ta), 150 W (Tc) Surface Mount TO-252 (DPAK)

https://www.DiGi-Electronics.com



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RFQ Email: Info@DiGi-Electronics.com

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Purchase and inquiry

Manufacturer Product Number:	Manufacturer:
A0D4124	Alpha & Omega Semiconductor Inc.
Series:	Product Status:
SDMOS™	Obsolete
FET Type:	Technology:
N-Channel	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss):	Current - Continuous Drain (Id) @ 25°C:
100 V	7.5A (Ta), 54A (Tc)
Drive Voltage (Max Rds On, Min Rds On):	Rds On (Max) @ ld, Vgs:
7V, 10V	21mOhm @ 20A, 10V
Vgs(th) (Max) @ ld:	Gate Charge (Qg) (Max) @ Vgs:
4V @ 250μΑ	38 nC @ 10 V
Vgs (Max):	Input Capacitance (Ciss) (Max) @ Vds:
±25V	2420 pF @ 50 V
FET Feature:	Power Dissipation (Max):
	3.1W (Ta), 150W (Tc)
Operating Temperature:	Mounting Type:
-55℃ ~ 175℃ (TJ)	Surface Mount
Supplier Device Package:	Package / Case:
TO-252 (DPAK)	TO-252-3, DPAK (2 Leads + Tab), SC-63
Base Product Number:	
AOD41	

Environmental & Export classification

	Moisture Sensitivity Level (MSL):			
	1 (Unlimited)			
	ECCN:			
	EAR99			

REACH Status:	
REACH Unaffected	
HTSUS:	
8541.29.0095	



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