

# AOD472

#### **AOD472 Information**



Part NumberAOD472ManufacturerAlpha & Omega Semiconductor Inc.CategoryDiscrete Semiconductor Products<br/>Transistors - FETs, MOSFETs - SingleDescriptionMOSFET N-CH 25V 55A TO-252PackageTO-252-3, DPak (2 Leads + Tab), SC-63<br/>For the pricing/inventory/lead time, please contact<br/>us<br/>Website: https://www.heisener.com<br/>E-mail: salesdept@heisener.com



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## **Certified Quality**

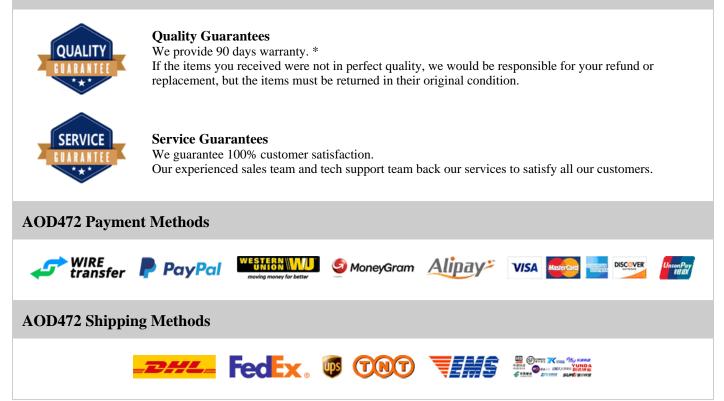
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



### **AOD472 Specifications**

Manufacturer Part Number	AOD472	
Manufacturer	Alpha & Omega Semiconductor Inc.	
Category	Discrete Semiconductor Products	
	Transistors - FETs, MOSFETs - Single	
Package	TO-252-3, DPak (2 Leads + Tab), SC-63	
Series	-	
FET Type	N-Channel	
Technology	MOSFET (Metal Oxide)	
Drain to Source Voltage (Vdss)	25V	
Current - Continuous Drain (Id) @ 25°C	55A (Tc)	
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	
Vgs(th) (Max) @ Id	2.5V @ 250µA	
Gate Charge (Qg) (Max) @ Vgs	50nC @ 10V	
Input Capacitance (Ciss) (Max) @ Vds	2460pF @ 12.5V	
Vgs (Max)	±20V	
FET Feature	-	
Power Dissipation (Max)	2.5W (Ta), 60W (Tc)	
Rds On (Max) @ Id, Vgs	6 mOhm @ 30A, 10V	
Operating Temperature	-55°C ~ 175°C (TJ)	
Mounting Type	Surface Mount	
Supplier Device Package	TO-252, (D-Pak)	
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	
	Report error	ors?

#### **AOD472 Guarantees**



If you have any question about AOD472, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com