

AOD472

AOD472 Information



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



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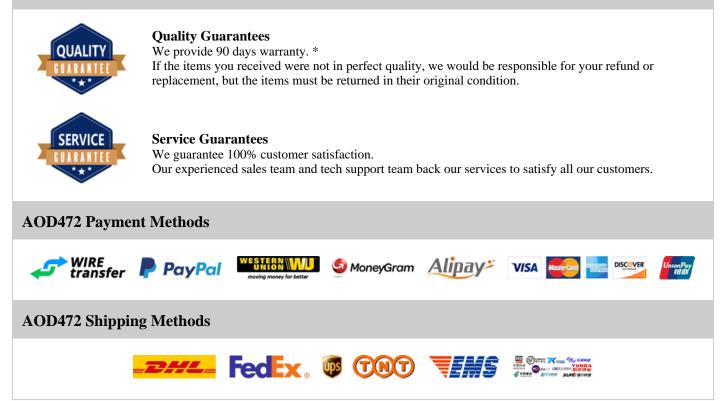
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



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