

# AOD498

#### **AOD498 Information**



Part NumberAOD498ManufacturerAlpha & Omega Semiconductor Inc.CategoryDiscrete Semiconductor Products<br/>Transistors - FETs, MOSFETs - SingleDescriptionMOSFET N-CH 100V 2.5A TO252PackageTO-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**

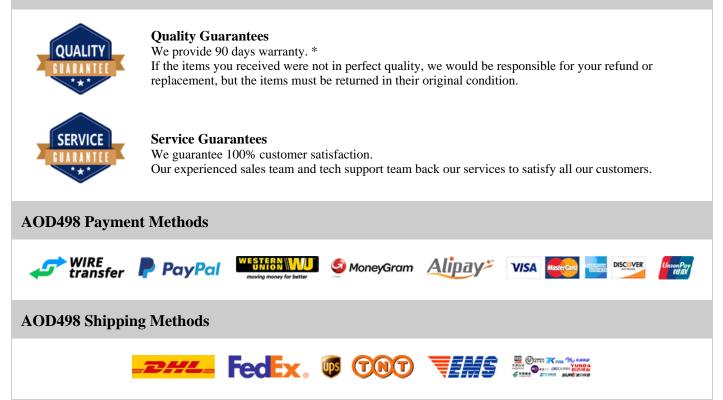
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



### **AOD498 Specifications**

Manufacturer Part Number	AOD498	
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)	100V	
Current - Continuous Drain (Id) @ 25°C	2.5A (Ta), 11A (Tc)	
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	
Vgs(th) (Max) @ Id	2.3V @ 250μA	
Gate Charge (Qg) (Max) @ Vgs	14nC @ 10V	
Input Capacitance (Ciss) (Max) @ Vds	415pF @ 50V	
Vgs (Max)	$\pm 20$ V	
FET Feature	-	
Power Dissipation (Max)	2.1W (Ta), 45W (Tc)	
Rds On (Max) @ Id, Vgs	140 mOhm @ 4.5A, 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 errors?

#### **AOD498 Guarantees**



If you have any question about AOD498, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com