

**AOZ8001KI Information**


For Reference Only

**Part Number** [AOZ8001KI](#)  
**Manufacturer** Alpha & Omega Semiconductor Inc.  
**Category** Circuit Protection  
[TVS - Diodes](#)  
**Description** TVS DIODE 5VWM 14.5VC SC896  
**Package** SOT-563, SOT-666  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)



[Request a Quote](#)

**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.


**AOZ8001KI Specifications**

Manufacturer Part Number	<a href="#">AOZ8001KI</a>
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Circuit Protection <a href="#">TVS - Diodes</a>
Package	SOT-563, SOT-666
Series	-
Type	Steering (Rail to Rail)
Unidirectional Channels	2
Bidirectional Channels	-
Voltage - Reverse Standoff (Typ)	5V
Voltage - Breakdown (Min)	6.6V
Voltage - Clamping (Max) @ Ipp	14.5V
Current - Peak Pulse (10/1000µs)	5A (8/20µs)
Power - Peak Pulse	-
Power Line Protection	Yes
Applications	Ethernet
Capacitance @ Frequency	-
Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount
Package / Case	SOT-563, SOT-666
Supplier Device Package	SC-89-6

[Report errors?](#)

## AOZ8001KI Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## AOZ8001KI Payment Methods



## AOZ8001KI Shipping Methods



If you have any question about AOZ8001KI, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)