

**AOZ5007QI Information**


For Reference Only

**Part Number** [AOZ5007QI](#)  
**Manufacturer** Alpha & Omega Semiconductor Inc.  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - DC DC Switching Regulators](#)  
**Description** IC REG BUCK 50A SYNC 40QFN  
**Package** 40-WFQFN Exposed Pad  
 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.


**AOZ5007QI Specifications**

Manufacturer Part Number	<a href="#">AOZ5007QI</a>
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Integrated Circuits (ICs) <a href="#">PMIC - Voltage Regulators - DC DC Switching Regulators</a>
Package	40-WFQFN Exposed Pad
Series	DrMOS
Function	Step-Down
Output Configuration	Positive
Topology	Buck
Output Type	-
Number of Outputs	1
Voltage - Input (Min)	4.5V
Voltage - Input (Max)	25V
Voltage - Output (Min/Fixed)	-
Voltage - Output (Max)	-
Current - Output	50A
Frequency - Switching	200kHz ~ 1.5MHz
Synchronous Rectifier	Yes
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	40-WFQFN Exposed Pad
Supplier Device Package	40-QFN (6x6)

[Report errors?](#)

## AOZ5007QI 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.

## AOZ5007QI Payment Methods



## AOZ5007QI Shipping Methods



If you have any question about AOZ5007QI, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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