

## AK8973 Information



For Reference Only

**Part Number** [AK8973](#)  
**Manufacturer** AKM Semiconductor Inc.  
**Category** Sensors, Transducers  
[Magnetic Sensors - Linear, Compass \(ICs\)](#)  
**Description** SENSOR MAGMTR I2C 16QFN  
**Package** 16-VFQFN 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.



## AK8973 Specifications

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <a href="#">AK8973</a>   |
| Manufacturer             | AKM Semiconductor Inc.   |
| Category                 | Sensors, Transducers<br><a href="#">Magnetic Sensors - Linear, Compass (ICs)</a> |
| Package                  | 16-VFQFN Exposed Pad   |
| Series                   | -  |
| Type                     | Compass/Magnetometer   |
| Technology               | Hall Effect  |
| Axis                     | X, Y, Z  |
| Output Type              | I2C  |
| Sensing Range            | ±300mT   |
| Voltage - Supply         | 2.5 V ~ 3.6 V  |
| Current - Supply (Max)   | 10mA   |
| Current - Output (Max)   | -  |
| Resolution               | 8 b  |
| Bandwidth                | -  |
| Operating Temperature    | -30°C ~ 85°C (TA)  |
| Features                 | -  |
| Package / Case           | 16-VFQFN Exposed Pad   |
| Supplier Device Package  | 16-QFN (4x4)   |

[Report errors?](#)

## AK8973 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.

## AK8973 Payment Methods



## AK8973 Shipping Methods



If you have any question about AK8973, please do not hesitate to contact us!

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

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