

AK8973 Information

Heisener.com

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

For Reference Only

Website: https://www.heisener.com
E-mail: salesdept@heisener.com



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Certified Quality

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AK8973 Specifications

Manufacturer Part NumberAK8973ManufacturerAKM Semiconductor Inc.CategorySensors, TransducersMagnetic Sensors - Linear, Compass (ICs)Package16-VFQFN Exposed PadSeries-TypeCompass/MagnetometerTechnologyHall EffectAxisX, Y, ZOutput Type12CSensing Range±300mTVoltage - Supply2.5 V ~ 3.6 VCurrent - Supply (Max)10mACurrent - Output (Max)-Resolution8 bBandwidth-		
Category Sensors, Transducers Magnetic Sensors - Linear, Compass (ICs) 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) Current - Output (Max) Resolution 8 b	Manufacturer Part Number	AK8973
Magnetic Sensors - Linear, Compass (ICs) 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	Manufacturer	AKM Semiconductor Inc.
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	Category	Sensors, Transducers
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		Magnetic Sensors - Linear, Compass (ICs)
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Package	16-VFQFN Exposed Pad
TechnologyHall EffectAxisX, Y, ZOutput TypeI2CSensing Range $\pm 300 \text{mT}$ Voltage - Supply $2.5 \text{ V} \sim 3.6 \text{ V}$ Current - Supply (Max) 10mA Current - Output (Max)-Resolution 8 b	Series	-
Axis X, Y, Z Output Type I2C Sensing Range $\pm 300 \text{mT}$ Voltage - Supply $2.5 \text{ V} \sim 3.6 \text{ V}$ Current - Supply (Max) 10mA Current - Output (Max) - Resolution 8 b	Type	Compass/Magnetometer
Output Type I2C Sensing Range ±300mT Voltage - Supply 2.5 V ~ 3.6 V Current - Supply (Max) 10mA Current - Output (Max) - Resolution 8 b	Technology	Hall Effect
Sensing Range ±300mT Voltage - Supply 2.5 V ~ 3.6 V Current - Supply (Max) 10mA Current - Output (Max) - Resolution 8 b	Axis	X, Y, Z
Voltage - Supply Current - Supply (Max) Current - Output (Max) Resolution 2.5 V ~ 3.6 V 10mA - 8 b	Output Type	I2C
Current - Supply (Max) 10mA Current - Output (Max) - Resolution 8 b	Sensing Range	±300mT
Current - Output (Max) - Resolution 8 b	Voltage - Supply	2.5 V ~ 3.6 V
Resolution 8 b	Current - Supply (Max)	10mA
	Current - Output (Max)	-
Bandwidth -	Resolution	8 b
	Bandwidth	-
Operating Temperature $-30^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$	Operating Temperature	-30°C ~ 85°C (TA)
Features -	Features	-
Package / Case 16-VFQFN Exposed Pad	Package / Case	16-VFQFN Exposed Pad
Supplier Device Package 16-QFN (4x4)	Supplier Device Package	16-QFN (4x4)
Report errors		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