Geomagnetic Sensors

List of Varieties

Ser	HSCD	
Ph		
Ту	Electric compass	
Dimensio	1.6×1.6×0.65 8pin LGA	
Operating voltage	AVDD: Drive voltage	+1.7 to +3.6V
	DVDD_io: Drive voltage	+1.65 to AVDD
Operating m	±2.4mT	
Current co	3μA typ. (standby) 60μA typ. (active)	
Operating tem	-40℃ to +85℃	
Inter	I ² C	
Autor	_	

Geomagnetic Type **HSCD Series**

High azimuth accuracy and low current consumption.



■ Type: Electric compass

Applications: Mobile: Smartphones, tablets, Headsets, wearables Energy_Industrial: Robots, drones, Industrial equipment, Converters

> Game:Home handheld consoles,Virtual/augmented reality Healthcare:Healthcare equipment,Nursing care equipment, Analysis, test equipment

Audio_TV:Visual,Audio,Pro audio,Cameras

■ Product List

Products No.	Measurement range	Interface	Operating voltage		Current consumption	Size (mm)	Automotive	Drawing
			AVDD: Drive voltage	DVDD_io: Drive voltage		Size (IIIII)	Automotive	No.
HSCDTD008A	±2.4mT	Ι²C	+1.7 to +3.6V	+1.65 to AVDD	$60\mu A$ typ. (active) $3\mu A$ typ. (standby)	1.6×1.6×0.65 8pin LGA	_	1

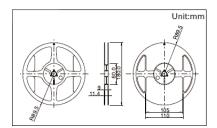
⚠Note

- 1. This catalog shows only outline specifications. When using the products, please obtain formal specifications for supply.
- 2. Place your purchase order in N minimum package units (N: integer).
- 3. Azimuth accuracy (margin of error) may be influenced by environmental conditions and other devices.

■ Packing Specifications

Taping

Number of packages(pcs.)			Tape width	Export package	
1 reel	1 case / Japan	1 case/ export packing	(mm)	measurements (mm)	
3,000	3,000	45,000	8	210×210×230	



Drawing No.1

■ Dimensions

