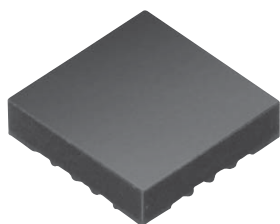


3-Axis Geomagnetic Sensor with Angular Velocity Detection

**NEW
2009**

HSCD Series

Angular velocity detection and electronic compass function is made possible with one sensor.



Features

- Small package size(2.5×2.5×0.7mm).
- Unique software technology enables both electronic compass and 3 axis angular velocity detection by one sensor device.
- High resistance element enables low power consumption.

Applications

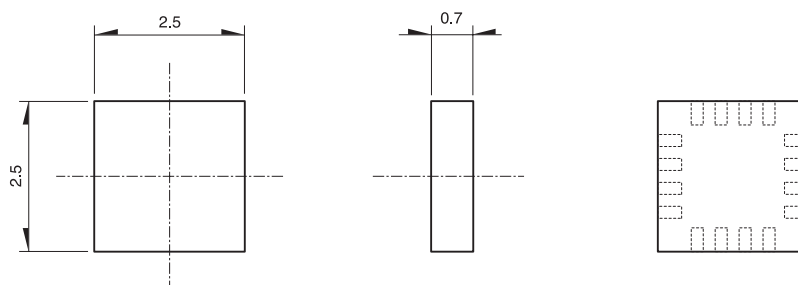
- Electronic compass for heading up.
- Motion sensing for mobile phone.

Typical Specifications

| Items | Specifications |
|--|-----------------------------------|
| Dimensions (W×D×H) | 2.5×2.5×0.7mm |
| Measurement range | ± 0.6mT |
| Output resolution | 0.5 μ T / LSB |
| Operating temperature range | - 20~85°C |
| Supply voltage (Analog / Digital) | 2.5V typ. / 1.8V typ. |
| Supply current (Active mode / Standby mode) | 200 μ A max. / 5 μ A max. |

Dimensions

Unit:mm



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1. For the export of products which are controlled items subject to foreign and domestic export laws and regulations, you must obtain approval and/or follow the formalities of such laws and regulations.
2. Products must not be used for military and/or antisocial purposes such as terrorism, and shall not be supplied to any party intending to use the products for such purposes.
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6. This catalog is valid until the end of December 2010.

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