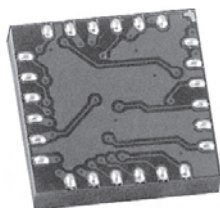


HMC2003

TYPE HMC2003 MAGNETIC SENSOR HYBRID

For use in high-precision applications such as vehicle control, compass heading detection or medical instruments where accurate position detection is required. Special packaging techniques provide high-resolution, temperature-compensated, amplified voltage outputs operating from single 6-15V supply. Single 20-pin DIP package. Integrated offset coils allow closed loop operation.

Cat. No.	Field Range	Resolution	Full-Scale Output	Net Price
HMC2003	±2 Gauss	70 μ Gauss	4.5V	\$248.15

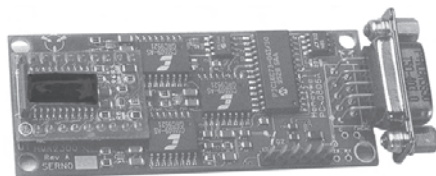


HMC6352

HMC6352 DIGITAL COMPASS SOLUTIONS

The HMC6352 compass solutions are miniature chip-scale modules that drop-in to your platforms with a 12C interface for the ultimate in electronic functionality. Accuracy: 3° heading accuracy, 0.3° resolution and 1° repeatability. Size: 6.5 × 6.5 × 1.4 mm LCC package. Calibration: embedded hard iron calibration compensates for distortions due to ferrous objects and stray fields. Applications include: compassing, platform leveling, integration with GPS, and dead reckoning.

Cat. No.	Net Price
HMC6352	\$248.49



HMR2300

HMR2300 SMART DIGITAL MAGNETOMETER

Card-level products are for industrial applications such as avionics and marine compassing, process control, vehicle detection, and security systems where highest resolution and direct digital interface is required. Embedded microcontroller enables combined error (non-linearity, hysteresis, repeatability, and temperature effects) band of 1% FSO over -55°C to +125°C range. Selectable features include: sampling rate, baud rate and output. Demo kit includes all cabling, complete user's manual, and DOS-based evaluation software.

Cat. No.	Field Range	Output	Enclosure	Net Price
HMR2300-DEMO	±2 Gauss	RS232	Yes	\$935.25
HMR2300-D21-232	±2 Gauss	RS232	Extended	871.65
HMR2300R	±2 Gauss	RS232	Extended	997.60

*One HMR2300 is in enclosure with HMPRC-001 cable, demonstration software, and ADS-14053 users manual.

NOTE: RS485 also available.

HMR3000 DIGITAL COMPASS MODULE

The HMR3000 is an electronically gimballed 3 axis compass that provides heading and tilt output via RS232 or RS485 protocols in an NMEA0183 format. Built with our own magnetoresistive sensors, the HMR3000 provides fast response time. Built in software auto-compensation techniques ensure that heading is accurate to 0.5 degrees with 0.1 degree resolution. Applications include marine and aviation compassing, oceanographic buoys, platform orientation, and backup GPS systems. Can be battery operated in remote locations.

Cat. No.	Field Range	Output	Enclosure	Net Price
HMR3000-DEMO*	±2 Gauss	RS323	Yes	\$935.25
HMR3000-D21-232	±2 Gauss	RS323	Extended	871.09

*One HMR3000 is in enclosure with HMPRC-001 cable, demonstration software, and ADS-14053 users manual.