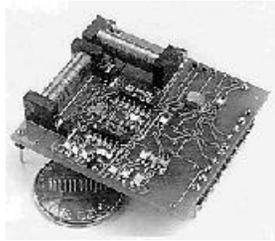


Vector 2X

2 Axis Compass Module



- 2° accuracy, 1° resolution
- 1.50" x 1.30" x 0.39" size, 0.3 oz
- Low power consumption: single 5 Volt supply
- 5Hz sampling rate
- Easy OEM integration
- Master or slave capability

DATA SHEET

Features/Benefits

- 2° accuracy, 1 resolution
- Small size and weight: 1.50" x 1.30" x 0.39", 0.3 oz
- Low power: single 5 volt supply
 - master mode: 5.5mA operating, 100µA power down (nominal)
 - slave mode: 4mA operating, 30µA power down (nominal)
- Hard iron calibration
- 5 Hz sampling rate (in continuous mode)
- Easily "plugged in" to OEM systems
- 3-wire serial output format (Motorola SPI and National Microwire compatible)
- Raw uncalibrated output optional
- Pin selectable BCD or Binary output format
- Master or slave capability for data clock generation
- Temperature range, -20 to 70 C
- Continuous or polled mode options

Potential Users/Uses

- GPS system backup azimuth data
- Remote Terrestrial Antenna direction indicators
- Auto and industrial navigation systems
- Consumer and hobbyist markets
- Survey Instruments
- Laboratory equipment
- Agricultural equipment
- Azimuth indicators

Optional Developers Kit

- Includes test fixture, cable and demo software (Vector 2X is not included)
- Gives you the ability to communicate to the Vector 2X through the parallel port of a PC
- Allows you to experiment with the Vector 2X without first designing an SPI interface
- Makes integrating the Vector 2X into a system easier
- Recommended for first time Vector 2X customers

Specification Date: October 1, 1995