NVE CORPORATION

SHIELD02 Compatible Sensor Breakout Boards:

- **ALT521-10E-EVB01:** Ultrahigh Sensitivity Analog Angle Sensor
- **AAT003-10E-EVB01:** Low Output Impedance Analog Angle Sensor
- **AAT006-10E-EVB01:** High-Sensitivity Analog Angle Sensor
- **ADT002-10E-EVB01:** Digital Output Quadrature Rotation Sensor
- **ASR002-10E-EVB01:** SPI Interface Factory-Calibrated Angle Sensor
- **ASR012-10E-EVB01:** I²C/PWM Factory-Calibrated Angle Sensor
- **ASR022-10E-EVB01:** ABZ Encoder Sensor

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GitHub repository for software and documentation →

SHIELD02 Arduino Angle/Rotation Sensor Demo
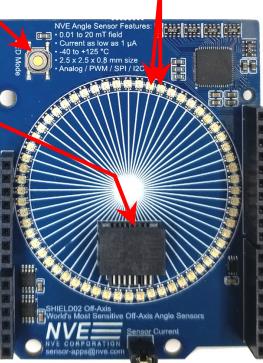

Mode toggle switch

LEDs

On-axis magnet position (centered over sensor)

Breakout board connection

Off-axis magnet positions

github.com/NveCorporation/Shield02-Angle-Sensor-Demo