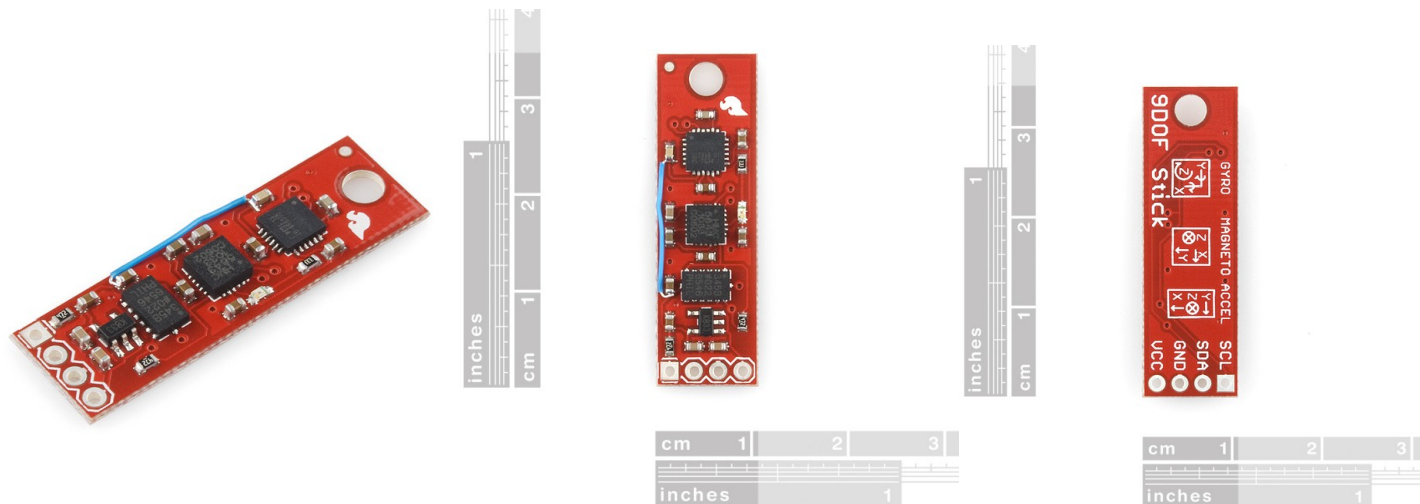


SparkFun

9 Degrees of Freedom - Sensor Stick

sku: SEN-10183



Description: The 9DOF Sensor stick is a very small sensor board with 9 degrees of freedom. It includes the ADXL345 accelerometer, the HMC5843 magnetometer, and the ITG-3200 gyro. The 'stick' has a simple I2C interface and a mounting hole for attaching it to your project. Also, the board is a mere 0.036" thick (0.093" overall), allowing it to be easily mounted in just about any application.

Note: There was an error with the board for this batch. We forgot to include a trace, so there is a wire correcting the error. Please check the pictures. There is now a new revision available which fixes this missing trace (as well as replacing the now EOL'd HMC5843 with the newer HMC5883L) However, if you don't mind the 'greenwire' fix, you can grab this board at a reduced price and it will work just fine.

Dimensions: 1.37x0.42"

Documents:

- [Schematic](#)
- [Eagle Files](#)
- [Datasheet](#) (ADXL345)
- [Datasheet](#) (HMC5843)
- [Datasheet](#) (ITG-3200)