

# ARDUINO 9 AXIS MOTION SHIELD

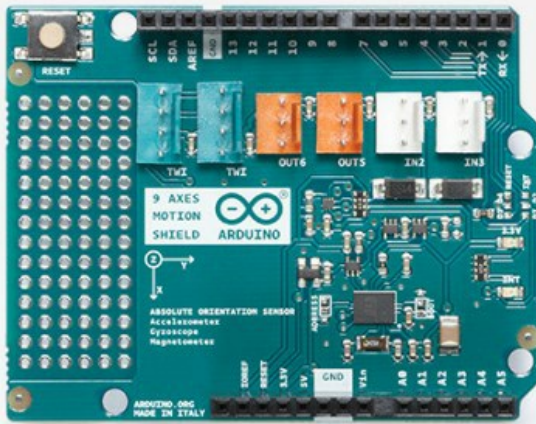
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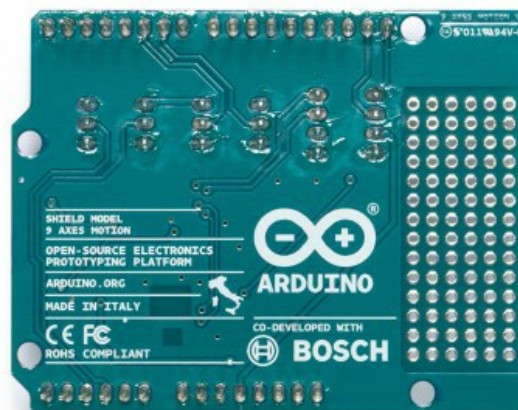
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Allow your Arduino to measure movement: orientation, acceleration and magnetic field!

# PDF Support



OVERVIEW

The Arduino 9 Axes Motion Shield is based on the BNO055 absolute orientation sensor from Bosch Sensortec GmbH which integrates a triaxial 14-bit accelerometer, a triaxial 16-bit gyroscope with a range of  $\pm 2000$  degrees per second and a triaxial geomagnetic

sensor with a 32-bit microcontroller running the BSX3.0 FusionLib software.

The sensor features three-dimensional acceleration, yaw rate and magnetic field strength data each in 3 perpendicular axes.

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