

Robot-R-Us Singapore

Robot R Us

Sensor - Compass



CMPS12 - Tilt compensated compass - 9DOF (Magno, Gyro, Acc) **SG\$39.90**

The CMPS12 tilt compensated compass. A 3-axis magnetometer, a 3-axis gyro and a 3-axis accelerometer. At the core of the module is the superb BNO055 running algorithms to remove the errors caused by tilting of the PCB. Power supply requirements are fl [\[Product Details...\]](#)



Triple Axis Magnetometer Breakout - MAG3110 **SG\$22.70**

Freescale's MAG3110 is a small, low-power, digital 3-axis magnetometer. The device can be used in conjunction with a 3-axis accelerometer to produce orientation independent accurate compass heading information. It features a standard I2C serial interface [\[Product Details...\]](#)



LSM303D 3D Compass and Accelerometer Carrier w Voltage Regulator **SG\$11.70**

The LSM303D combines a digital 3-axis accelerometer and 3-axis magnetometer into a single package that is ideal for making a tilt-compensated compass. The six independent readings, whose sensitivities can be set in the ranges of $\hat{A}\pm 2$ to $\hat{A}\pm 16$ g and $\hat{A}\pm 2$ to $\hat{A}\pm 12$ [\[Product Details...\]](#)



LSM303DLHC Compass 3 Axis Accelerometer + 3 Axis M SG\$11.50

The LSM303DLHC combines a digital 3-axis accelerometer and 3-axis magnetometer into a single package that is ideal for making a tilt-compensated compass. The six independent readings, whose sensitivities can be set in the ranges of $\hat{A}\pm 2$ to $\hat{A}\pm 16$ g and $\hat{A}\pm 1.3$ to [\[Product Details...\]](#)

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