

Nine-axis device combines accelerometer, gyroscope and geomagnetic sensor in one single package



Bosch Sensortec's absolute orientation sensor BMX055 is said to be the first nine-axis sensor in the market with all components – accelerometer, gyroscope and geomagnetic sensor – developed and manufactured in house. With a footprint of 3.0 x 4.5 mm², the sensor is asserted to be the smallest on the market. The BMX055 contains three highly accurate and versatile 3-axis sensors: A 12-bit low-noise accelerometer, a gyroscope with a resolution of 16 bit and programmable measurement ranges, and a low noise, wide-range geomagnetic sensor optimized for the best performance/power consumption ratio, according to the company. With these devices, the absolute orientation sensor is asserted to provide accurate acceleration, angular rate and geomagnetic measurement data.

Bosch Sensortec

650-521-4082, www.bosch-sensortec.com [1]

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Links:

[1] <http://www.bosch-sensortec.com>