IBG21 High-performance gyro

The packaged IBG21 gyro system (lid removed). The package can be mounted standing or flat on the board so no 3D building is required to obtain a triaxial system.

Shock-tolerant angular rate sensors for three-axis measurement on a single mounting plane

IBG21 is a small, rugged and shock-tolerant MEMS-based gyro system. The dual-side mounting capability allows measurement of all three rotation axes on a single mounting plane. IBG21 is based on the GyroSense concept and consists of a sensor chip, a mixed-signal ASIC and a D-ASIC assembled in a non-magnetic package. Together, these components offer world-class MEMS-gyro performance.

The IBG21 can easily be tailored to your needs regarding rate and bandwidth through a digital SPI interface.