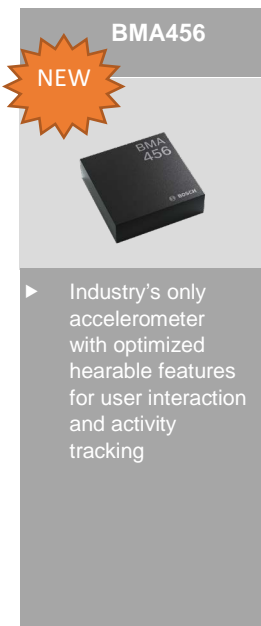




**Bosch Sensortec offers innovative sensing solutions to enable smart
hearable applications with exciting features**

Bosch Sensortec enables hearable applications with ultra-low power, accurate and highly integrated sensing solutions. The BMA456 hearable accelerometer is the industry's only accelerometer with optimized hearable features integrated in one sensor and complements the existing BMA456 wearable variant. Manufacturers can now design smaller and more accurate hearables at lower power while increasing the devices' performance. The new BMA456 accelerometer variant integrates hearable-specific gestures for intuitive user interactions such as tap, double-tap and triple-tap.



- ▶ Completely new integrated features: triple-tap and in-ear/out-of-ear recognition
- ▶ High-accuracy accelerometer due to low noise (120 $\mu\text{g}/\text{Hz}$) low offset ($\pm 20\text{ mg}$) and low TCO (0.35 mg/K)
- ▶ Decreased system power consumption for extended battery life