NXP® E-Compass Software

E-Compass

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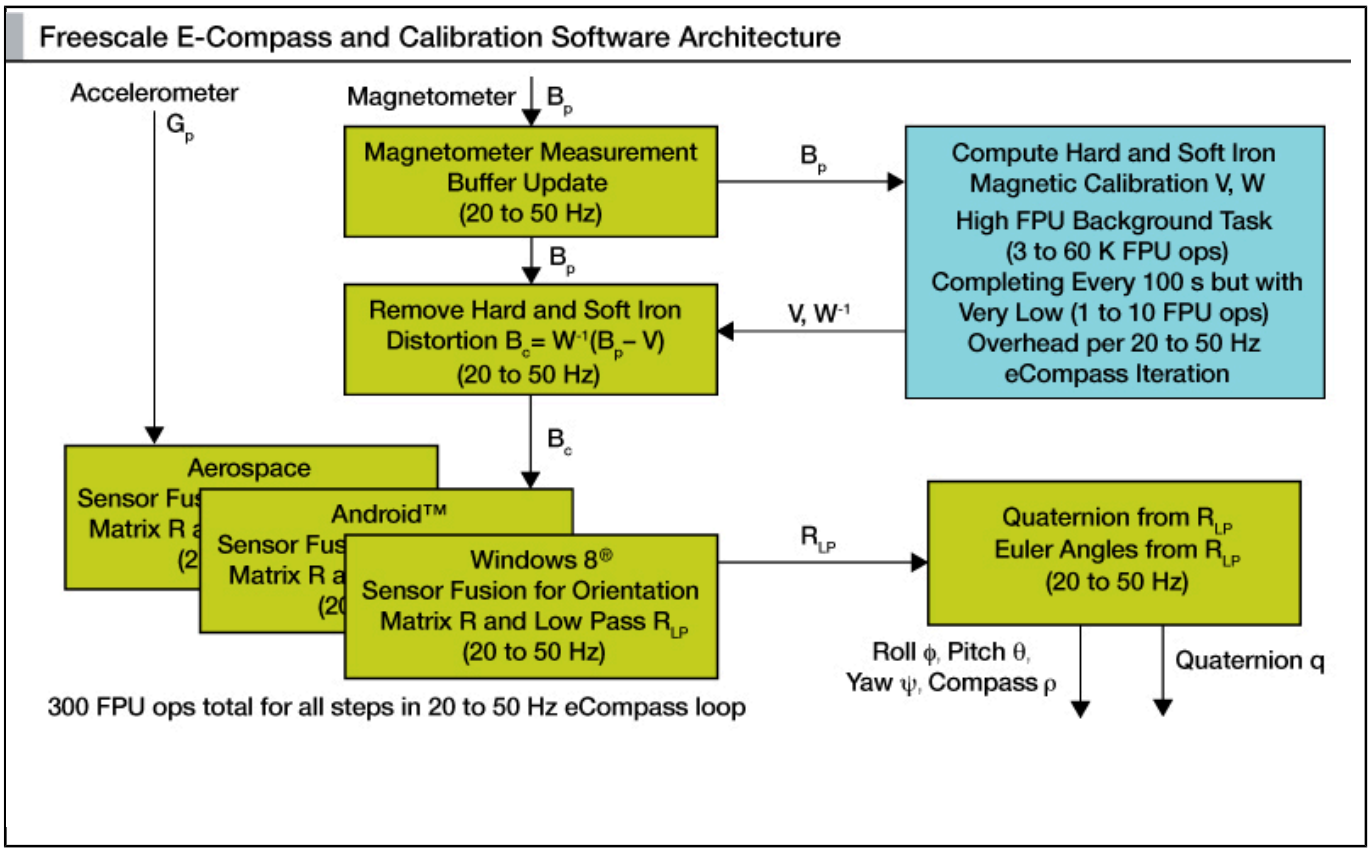
NXP® offers tilt-compensated e-compass and magnetic calibration software as part of the NXP Sensor Fusion software library

- The e-Compass functions in the Sensor Fusion library use data from accelerometer and magnetometer sensors to provide an accurate magnetic compass heading corrected for orientation and hard and soft iron magnetic interference
- Target applications are mobile, consumer, or Internet of Things product that needs a compass, such as wearables, fitness bands, and gaming products
- The software is provided free of charge for evaluation and commercial use NXP customers using MAG3110, FXOS8700CQ or other NXP magnetometer

Xtrinsic E-Compass Software Block Diagram



View additional information for NXP® E-Compass Software.

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