DIGITAL HEALTH

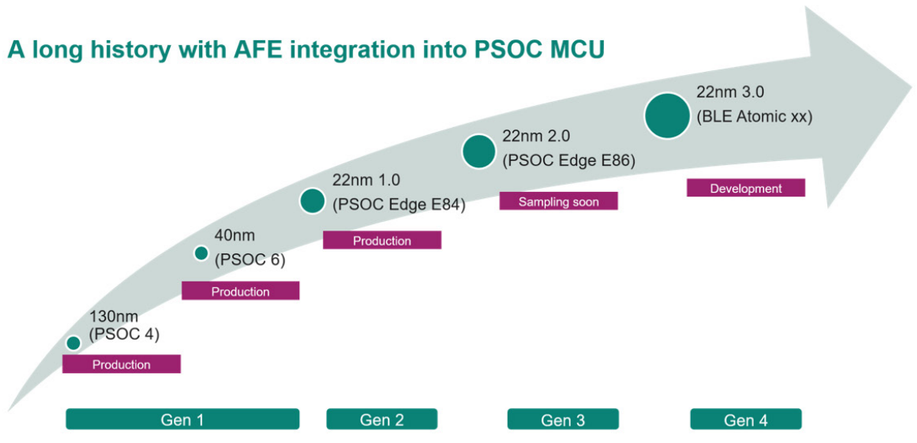
Multi-modal vital sensing on a single chip

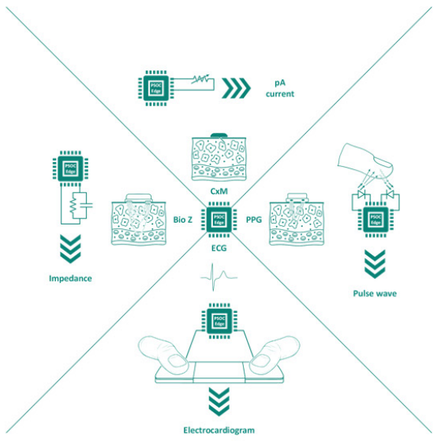
This demo showcases a highly integrated 22 nm wearable health platform capable of clinical-grade sensing for CGM, ECG, PPG, BioZ, and more on a single chip (whereby BioZ is at the verification stage). By combining a precision analog frontend with processing, we enable smaller, lower-power, and more scalable digital health devices.

Benefits
- Clinical-grade sensing accuracy
- Integrated multimodal sensing
- Lower system power consumption
- Smaller size and lower system cost
- Faster product development cycles
- Scalable wearable platform

Highlight products
- PSOC™ Edge E84 MCU
- Integrated analog frontend
- AIROC™ CYW55513 Wi-Fi and Bluetooth® module

Applications
- Digital health wearables
- Continuous analyte monitoring (including multi-analyte)
- Cardiac monitoring devices
- Fitness and wellness tracking
- Clinical monitoring patches





Scan for more information