



Hybrid PPG based application Unit

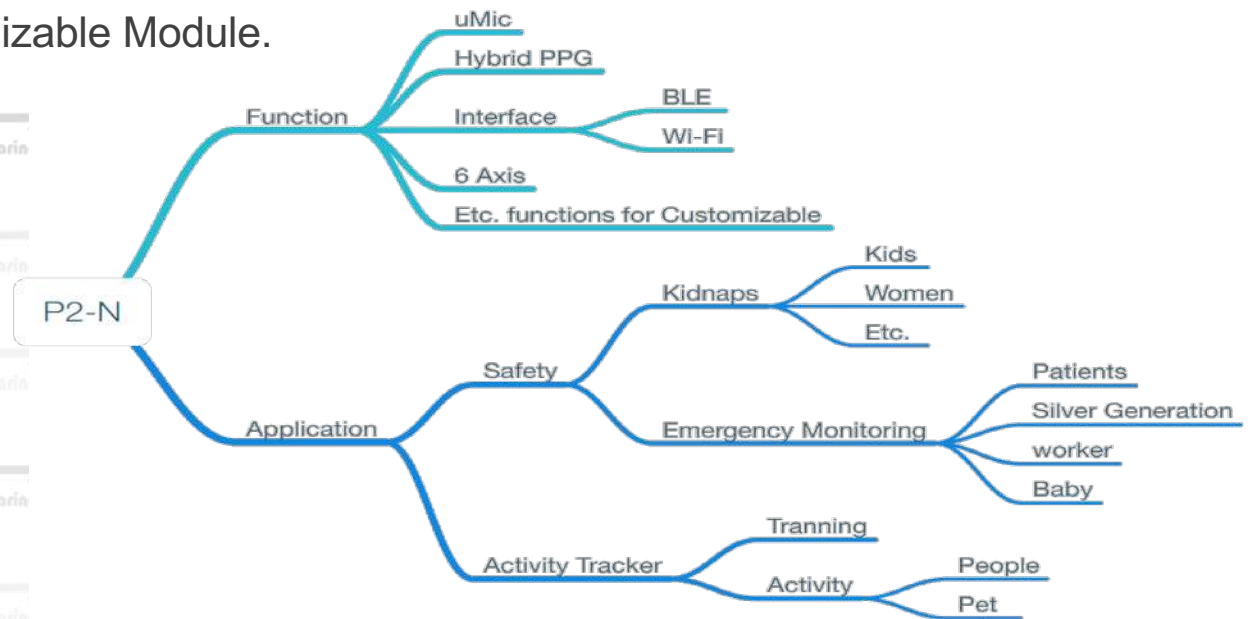
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P2-N



- Module type's multi application product based sensors for IoT references.
- SMART Module for the many IoT scenarios.
- Sensors
 - Hybrid PPG, 6 Axis, uMic, Etc.
 - Customizable Module.



Application Fields

- **Infants and Toddlers**

- Context-aware devices based on sound and vital signal changes (Hunger, pain, diaper changing time, etc.).

- **Prevent childbearing**

- Straightforward situation corresponding devices utilizing bio-signal change of the sound, such as heart rate and to respond to user changes in the environment.

- **Patient Monitoring**

- 6-axis sensor, GPS, disabled people based on sound and bio signal, patient's fall accident, special patient (dementia) and elderly living alone monitoring device.

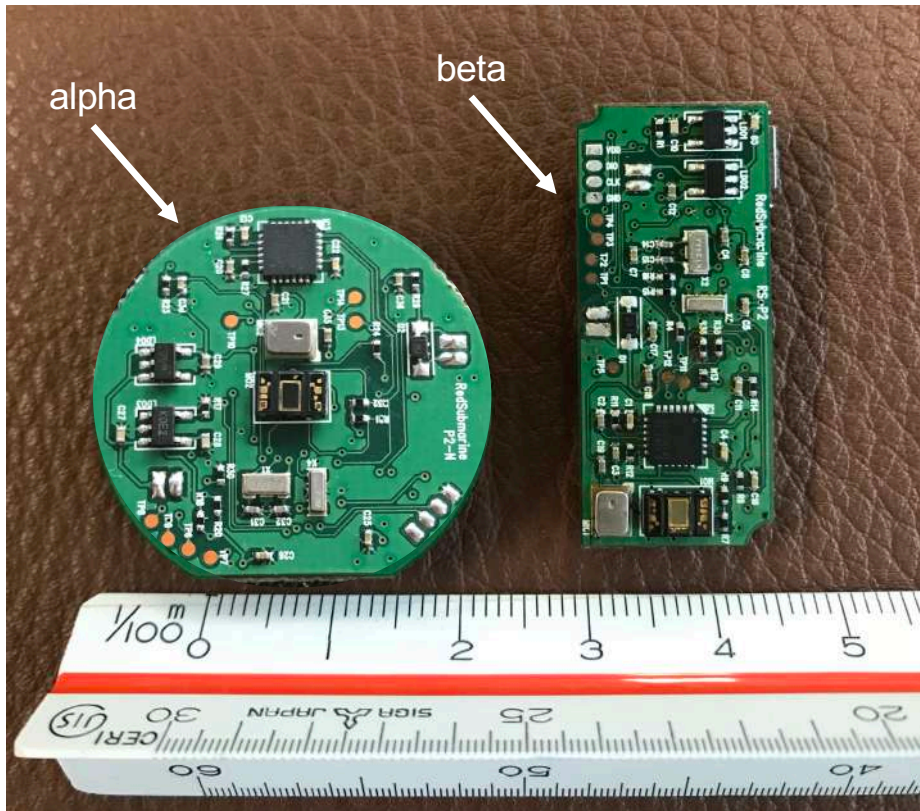
- **Companion animals and livestock**

- Preventing situation recognition and loss through monitoring animal behavior (substitution of an identification tag).

- **Field worker**

- Safety accidents by attaching to worker wearing equipment (safety helmet, etc.).

Outline of Unit



•Size

- Alpha: 30 mm (Diameter) height (4 mm)
- Beta: 30 mm x 15 mm, height (4mm)

•Sensors

- Cichlid+ (Hybrid PPG Module)
- BLE 4.0, Mic, 6 Axis, Chargeable circuit,
- STM 32.

•Option

- Customizing design is available.
 - Engineering (H/W, S/W, Mechanic Design)
 - Production (for sampling and commercialization)



Thank you

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