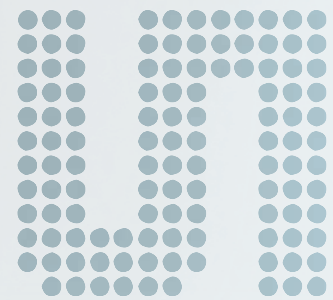


# Mobile accessory for Smart Health

[ams.com/AS7026](http://ams.com/AS7026)



## **VivaVita – Cuffless Blood Pressure measurement solution**

- Productized reference design
- Designed to ease FDA approval
- Small form factor for handheld applications

**Sensing  
is life.**

## General Description

VivaVita is a productized mobile accessory solution demonstrating the full range of capabilities of AS7026GG and Blood Pressure Algorithm, designed to be an FDA certifiable. The 5cm x5cm Bluetooth-enabled VivaVita measures health parameters using built-in electrodes and from an optical interface on the top side of the unit. The onboard algorithms translate the captured data into accurate heart rate, PPG, ECG, blood pressure,

and vagal tone information. VivaVita provides a turnkey solution for those customers seeking quicker time-to-market, and includes a feature-rich mobile app for both IOS and Android to showcase a broad range of personal health parameters: Pulse in bpm, Medical Grade Blood Pressure, Vagal Tone (as risk indicator of silent inflammation) and SDNN (over-all heart rhythm flexibility).

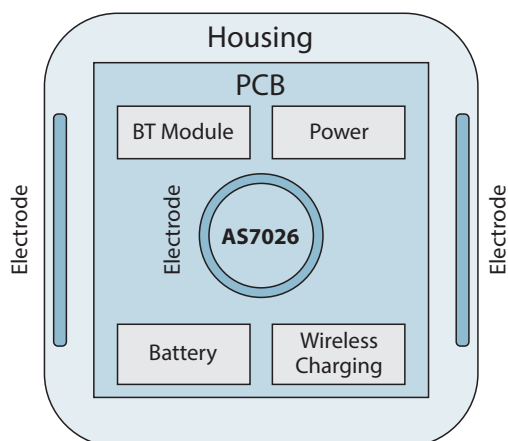
### Features

- Multiple vital signs sensor for smart health: HRM, Vegal Tone, SDNN
- Blood Pressure: grade B according to IEEE Std 1708-2014 (accuracy 5-6 mmHg)
- Provide Blood Pressure measurements even without calibration
- Based on AS7026GG Vital Sign sensor
- BT connected to Smartphone
- Wireless Charging
- App available for iOS and Android

### Benefits

- Productized reference design for quick time to market
- Designed to ease FDA approval
- Tailored solution for Smart Health
- 1-stop shop combining Hardware and Algorithm

### Block Diagram



### Applications

- Mobile Accessories
- Medical Point of Need
- Preventive Medicine
- Hypertension management

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