

IoT Solution Module

Test with BlueTile, design with Panasonic

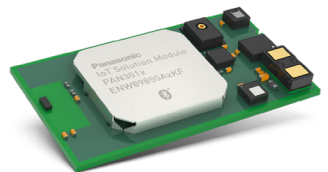
The IoT Solution Module is inspired by ST BlueTile (STEVAL-BCN002V1B) to reduce time to market, development efforts and costs for IoT product makers.

Top Features

- Bluetooth® 5.0
- Multi-Sensor Solution
- RF Pre-Certified



Test with
STMicroelectronics BlueTile

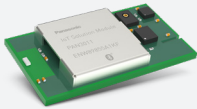


Design with
Panasonic Industry

Technical Description

- BlueNRG-2 Bluetooth 5.0 SoC
- Embedded ARM® Cortex®- M0
- 256kB Flash and 24kB ultra-low leakage RAM
- Typical sensitivity: -88 dBm
- Typical output power: +8 dBm
- Module Size [mm]
 - PAN3011 & PAN3012: 25.0 x 14.0 x 3.0
 - PAN3013: 31.0 x 14.0 x 3.0

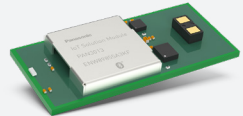
PAN3011



PAN3012



PAN3013



Voice Command



- Smart Home
- Personal Assistants

Environmental



- Smart Home
- Smart Building
- Smart Farming

Robotics



- Industry 4.0
- Smart Mobility
- Drones



Digital Microphone



Magnetometer



Accelerometer & 3D Gyroscope



Humidity & Temperature



Pressure



Time of Flight



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Panasonic
INDUSTRY