

DSNA-M24 is a LGA module to support BT 5 and 802.15.4 enabling seamless integration of BT Low Energy and 803.15.4 technology.

## 1.1. Features

- 2 embedded Processors, ARM Cortex-M4F + ARM Cortex-M0
- Bluetooth Low Energy (BLE) compliant to the SIG v5 specification
- IEEE802.15.4 compliant to the v2006 specification and also featuring Coordinated Sample Listing (CSL), from the 802.15-2015 specification
- Secure boot(TBC)
- Dynamic voltage and frequency control
- Configurable memory retention for minimizing deep sleep power per application
- Interfaces:
  - HS USB2.0 X1
  - 2X I2C
  - HS UART X1, 2-wire UART X 1
  - HS SPI X1 and 2-wire SPI X1
  - Up to 8 channels Sensor ADC(12 bits, 1MSPS)
  - Up to 8 PWM optimized for LED lighting applications
  - SDIO 2.0
  - I2S
  - GPIOs, JTAG debug port

## 1.2 Block Diagram

