



# Insight SiP

It's **all** in the **package**

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## FAST-TRACK YOUR IOT DEPLOYMENT WITH INSIGHT SiP SOLUTIONS !

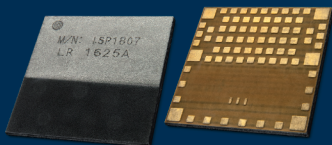
Insight SiP is the leading provider of Low Power Networking and Ranging modules for advanced IoT solutions. Our "Ready-to-go" RF modules offer you the fast, low risk way to deploy your IOT infrastructure, with fully CE, FCC, IC, Telec and Bluetooth SiG certified solutions.

### ISP1807-LR



**Full BT 5 Mesh and Long Range, ideal for Home and Building Networks and secure solutions**

- Based on nRF52840
- BT 5.0 Long Range, Thread & NFC Pairing available
- 1 MB Flash & 256 kB RAM
- Embedded ARM Cryptocell
- Complete set of 46 IOs
- Suitable for advanced Wearables, Smart Home & Industrial Sensors and Controllers, advanced Remote Controls and Gaming Controllers



### ISP1507-AX



**BLE solutions offering smallest size on the market without performance compromise, for sensor & mesh connectivity.**

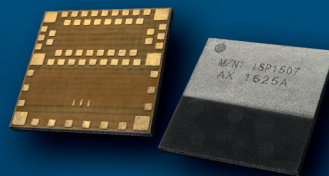
**All-purpose BLE solutions**

- Based on nRF52832
- BT 5.0 Ready, NFC Pairing available
- 512 kB Flash & 64 kB RAM
- Complete set of 30 IOs
- Ideal for any type of Wearable technology, Medical devices, Fitness and Healthcare connected objects, Home automation

## Interchangeable Pin to Pin Compatible Modules based on nRF52

### Common features

- BLE, ANT+ Connectivity, Mesh capability
- ARM Cortex M4F
- Integrated Antenna, Balun and DC/DC
- Radio 32 MHz and Synchro 32 kHz Xtals
- Multiple interfaces SPI, I2C, UART, ADC
- 1.7 V to 3.6 V supply, -40 to +85°C range
- Very small size 8 x 8 x 1 mm



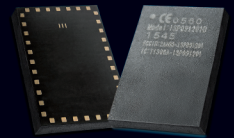
### ISP1507-AL



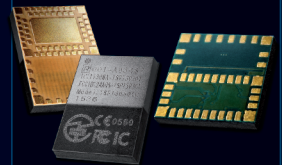
**Perfect for Mesh Relay nodes and price sensitive solutions**

- Based on nRF52810
- BT 5.0 Ready
- 192 kB Flash & 24 kB RAM
- Complete set of 13 IOs
- Suitable for any type of Body Area, Industrial Sensors and Home Network applications

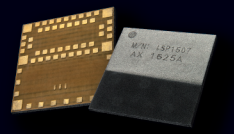
Insight SiP proposes a large choice of BLE technology



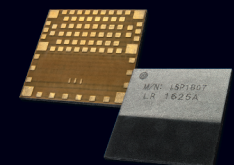
**ISP09** series compliant with V4.0



**ISP13** series compliant with V4.1



**ISP15** series compliant with V4.2



**ISP18** series compliant with V5.0



[www.insightsip.com](http://www.insightsip.com)

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