

LINKK



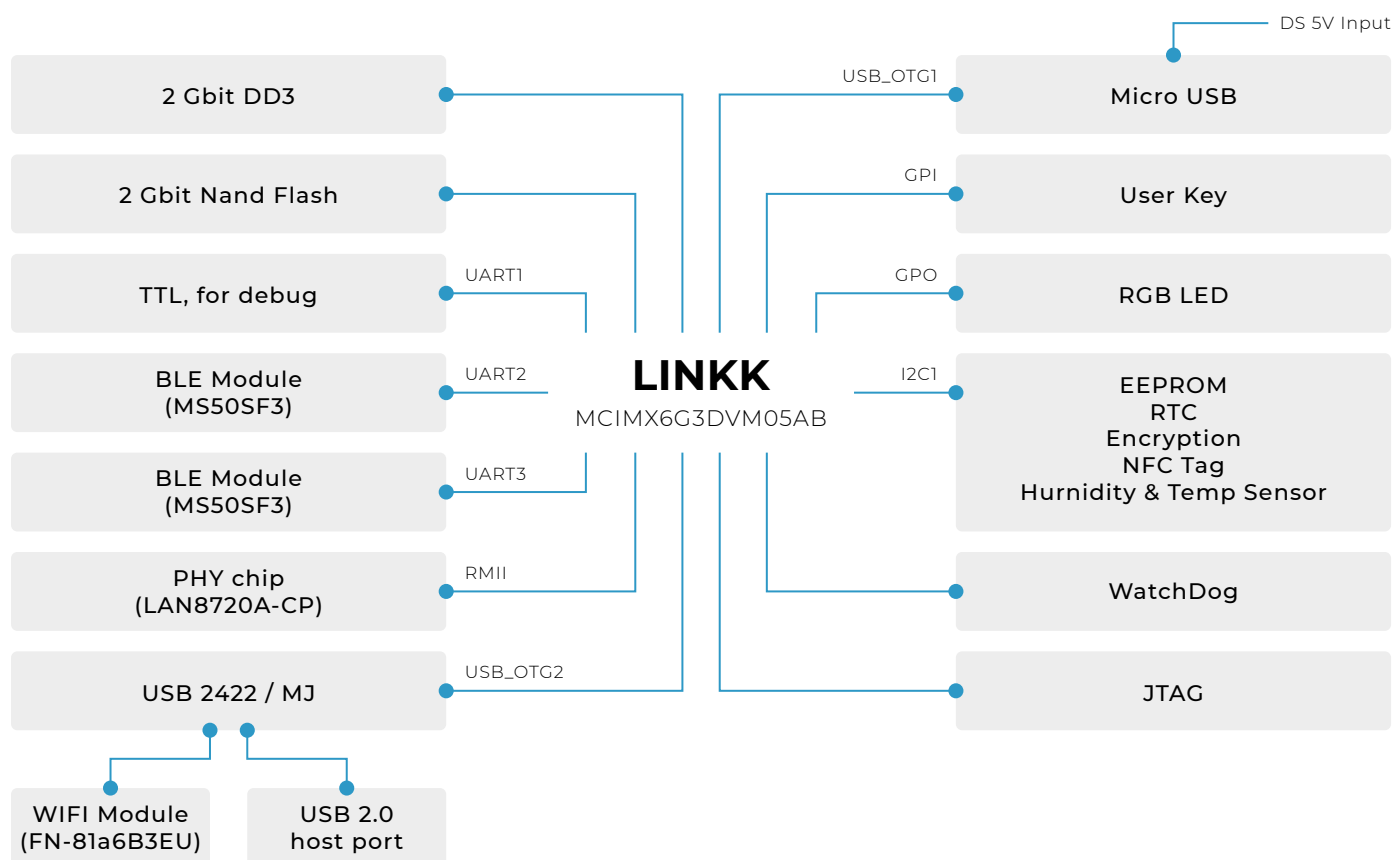
Universal Bluetooth Gateway for IoT based devices

Linkk is an end-to-end solution in the form of a gateway and cloud service that offers 100% secure connection between local Bluetooth network and mobile device without any risk of losing data.

WE PROVIDE

CPU	<ul style="list-style-type: none"> ▶ MCIMX6G3DVM05AB
Memory / Flash	<ul style="list-style-type: none"> ▶ 2 Gbit DDR3 128M x 16 bit ▶ 2 Gbit Nand Flash ▶ EEPROM (512 Kbit)
Equip system supervisory voltage reset with watchdog	
I2C Interface	<ul style="list-style-type: none"> ▶ RTC (PCF8523T/1, 118) ▶ Encryption (ATECC508A-SSHDA-B)
USB Interface	<ul style="list-style-type: none"> ▶ 1 x USB 2.0 Host with type A female connector ▶ 1 x USB 2.0 OTG with Micro USB A connector ▶ 1 x USB bus for WIFI module
Communication interfaces	<ul style="list-style-type: none"> ▶ Ethernet 1 x 10/100 Mbps Ethernet ▶ WiFi Module FN-8126B3EU-11 with on board antenna ▶ 2 x Bluetooth Low Energy nRF52 (MS50SF3 with on board antenna)
Buttons	<ul style="list-style-type: none"> ▶ 1 x User Button
LED	<ul style="list-style-type: none"> ▶ 1 x RGB LED
Debug Connector (removable in production)	<ul style="list-style-type: none"> ▶ TTL Debug Uart1 with 2.54 mm pitch 3-pin Headers, DIP , ▶ DNP in volume production ▶ JTAG with 1.27 mm pitch 2 x 5 pin Headers, SMD, DNP in volume production
Work temperature	<ul style="list-style-type: none"> ▶ 0-55 °C
Dimensions	<ul style="list-style-type: none"> ▶ Irregular shape PCB: 90 x 83 x 1.2 mm, See figure 3-1
Power supply	<ul style="list-style-type: none"> ▶ Power input through by Micro USB connector
Compliance Testing	<ul style="list-style-type: none"> ▶ CE-RED and FCC

HARDWARE + LAS SERVICE



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- ▶ 100% secure tunnel like connection based on patent pending technology
- ▶ Complete end-to-end easy to adapt for manufacturers solution
- ▶ Modular software based on subscriber-publisher mechanisms
- ▶ Preaggregation of data software module used to reduce cloud service data usage
- ▶ Operating system based on Linux Yocto that reduces effort of de-velopment for our customer