



PRODUCT CATALOG

Bluetooth® Low Energy **TAGS**

February 2022

BLINQY

TRACK: IMPROVE SUPPLY CHAIN & ASSET MANAGEMENT

From production line to customer, supply chain is the very nerve centre controlling all the processes and data in a company. The true added value of IoT in asset management is instantaneous and reliable information about products across the entire supply chain.

Location tracking, inventory and assets protection are made easy with Bluetooth® ultra-low power devices powered by BLINQY.

LOCATE ASSETS

By locating your assets anywhere on the premises, it is possible to **prevent loss** of high value finished products and drastically **reduce the risk** of financial loss.

Improve your staff satisfaction in allowing your workers to **quickly find** resources such as tools, vehicles, pallets or goods.

PROTECT GOODS & VALUE

To reduce the number of **thefts** or to determine liability for **damage to equipment**, BLINQY tags can be configured to start broadcasting an alarm frame when a movement or a free-fall is detected.

With BLINQY Bluetooth® tags, protect your customer by **guaranteeing asset origin** from raw material to finished product.

CONTROL PRODUCT VALUE CHAIN

Thanks to QR code or NFC chip, it is easy to link a tag to your asset and control all your product life-cycle with a unique identifier (UID).

Simply **improve your planning process** and **predictive models** with real-time position control using Received Signal Strength Indicator (RSSI) during production, warehousing or shipment.



SPECIFIC PROJECT NEEDS DEDICATED FIRMWARE

DEVELOP UNIQUE PRODUCT

DEVELOPMENT SERVICES

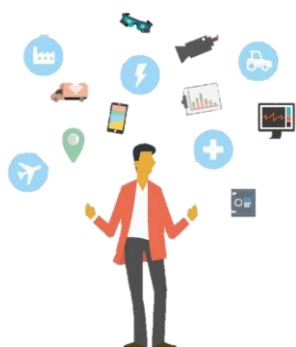
- Bluetooth® Low Energy
- Firmware development
- MEMS integration
- Device interface
- Authentication and Cryptography

NO VENDOR OFFERS THE
FEATURE YOU ARE
LOOKING FOR?
WE DO

CREATE A SOFTWARE MADE FOR YOU

BLINQY develops customized embedded software for IoT devices.

From **using multiple states** for data transmission at the right time to **encrypting sensitive data** or **logging sensors information**, our team will help you develop software to achieve your project goals.



DESIGN YOUR MODULE OR ADD SENSORS

BLINQY embedded software already empowers IoT devices **organizing, processing** and **communicating data**. We offer the possibility to design a product from A to Z or adding elements to existing modules.

With a specific attention to low energy consumption, memory optimization and easy to use-configure devices, benefit from a partner helping you **to build a complete eco-system** around your product.

IMPROVE ARTIFICIAL INTELLIGENCE

Artificial Intelligence (AI) needs field data to deliver the essential information and optimize its algorithms. Predictive maintenance may require **a sharp vibration analysis**, only made possible by a precise accelerometer when cold chain monitoring will put the focus on a **temperature sensor accurate to 0.1° Celsius**.

In every IoT projects, BLINQY supports you and allows to get the best out of the sensors by **collecting and sorting upstream the data essential to high-level analysis**.



DEPLOY: TAG FOR EVERY PROJECT



BT-001



BT-002



BT-003



BA-005



BA-008

Description	Industrial adhesive tag	Industrial screw-drivable tag	Small tag	Large adhesive tag	Large screw-drivable tag
Connectivity	Bluetooth® LE 5.0 NFC (optional)	Bluetooth® LE 5.0 NFC (optional)	Bluetooth® LE 5.0	Bluetooth® LE 5.0 NFC (optional)	Bluetooth® LE 5.0 NFC (optional)
Size	47.9 x 11.1 mm	64.4 x 11 mm	29.3 x 7.7 mm	70 x 49 x 22 mm	91.5 x 49 x 22 mm
Material	Polycarbonate & TPE	Polycarbonate & TPE	Polycarbonate & ABS	ABS	ABS
IP Rating	IP68	IP68	IP65 + Ultrasonic closing	IP68	IP68
Battery Life	<i>-12dBm, 400ms, 21° C</i>	Up to 22 months	Up to 22 months	Up to 22 months	More than 10 years
	<i>-12dBm, 1000ms, 21° C</i>	Up to 4.5 years	Up to 4.5 years	Up to 4.5 years	More than 10 years
	<i>-12dBm, 3000ms, 21° C</i>	More than 10 years	More than 10 years	More than 10 years	More than 10 years
Replaceable battery	Yes	Yes	No	Yes	Yes
Alarm button	No	No	Yes	No	No
Sensors supported	Accelerometer Temperature	Accelerometer Temperature	Accelerometer Temperature	Accelerometer Temperature	Accelerometer Temperature
Qualified	Bluetooth® LE 5.0 SoC Bluetooth® EPL	Bluetooth® LE 5.0 SoC Bluetooth® EPL	Bluetooth® LE 5.0 SoC Bluetooth® EPL	Bluetooth® LE 5.0 SoC Bluetooth® EPL	Bluetooth® LE 5.0 SoC Bluetooth® EPL
Certificates	CE (EU) FCC (USA) RoHS Reach	CE (EU) FCC (USA) RoHS Reach	CE (EU) FCC (USA) RoHS Reach	CE (EU) FCC (USA) RoHS Reach	CE (EU) FCC (USA) RoHS Reach
Use Case	Asset tracking Asset management Cold chain monitoring	Asset tracking Asset management Pallet tracking	Asset tracking Asset management Goods fall detection Angle change detection	Asset tracking Asset management Pallet tracking	Asset tracking Asset management Pallet tracking

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