

# SIGMA

## SMART TAG

### Dev Kit

PART ID:  
**4922**

#### Main Specifications

|                       |                                   |
|-----------------------|-----------------------------------|
| Frequencies           | <b>LF HF UHF</b>                  |
| Material              | Other                             |
| Operating Temperature | -25°C to 65°C                     |
| IP Class              | IP65                              |
| Compliance            | RoHs & Reach, CE                  |
| Key Features          | Eddystone, iBeacon, Cloud Managed |



#### Full Specifications

|                         |                                   |
|-------------------------|-----------------------------------|
| Product ID              | 4922                              |
| Name                    | SIGMA                             |
| Material                | Other                             |
| Shape                   | BLE Beacon                        |
| Key Features            | Eddystone, iBeacon, Cloud Managed |
| Article Type            | Dev Kit                           |
| Color                   | Div.                              |
| Operating Temp °C (min) | -25                               |
| Operating Temp °C (max) | 65                                |
| Storage Temp °C (min)   | -25                               |
| Storage Temp °C (max)   | 65                                |
| IP Class                | IP65                              |
| Compliance              | RoHs & Reach, CE                  |
| Battery                 | Yes                               |
| Battery Life            | ~5 Yr                             |
| AC Input                | 100-240 VAC, 50/60 Hz             |

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|                            |  |
|----------------------------|--|
| AC Plugs                   | US,EU,UK,AUS   |
| Bluetooth Type             | Bluetooth Low Energy 4.1   |
| Bluetooth Sensitivity      | -98dBm   |
| Bluetooth Max Power Output | +5dBm  |
| Bluetooth Antenna          | 0dBm Single Antenna, Omni Directional  |
| Bluetooth Data Rate        | 1Mbit/s / 2Mbit/s  |
| Bluetooth Security         | 128 bit AES  |
| WiFi Type                  | 802.11 b/g/n   |
| WiFi Security              | WPA2 Personal and Enterprise Security  |
| WiFi TX Power              | 20.5dBm @ 1DSSS and 11 CCK15.0dBm @ 54 OFDM  |
| WiFi RX Sensitivity        | -97.5dBm @ 1DSSS-88.5dBm @ 11 CCK  |
| WiFi Frequency             | 2.4 Ghz with coexistence built-in with Bluetooth                                   |
| WiFi Antenna               | 0dBm Single Antenna, Omni Directional  |
| Sensors                    | High Accuracy Temperature sensor, 3 Axis Accelerometer, magnetometer, Light Sensor |
| Manage services            | Cloud  |
| Data output to cloud       | 0.1 to 1Mbit Up data   |

## VARIANTS

| ID             | Variant              |
|----------------|----------------------|
| 4922-01-000-00 | Condition Monitoring |