SIGMA

SMART TAG

Dev Kit

PART ID:
4923

Main Specifications

Frequencies	LF HF UHF
Material	Other
Operating Temperature	-20°C to 60°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Eddystone, iBeacon, Cloud Managed



Full Specifications

Product ID	4923
Name	SIGMA
Material	Other
Shape	BLE Beacon
Key Features	Eddystone, iBeacon, Cloud Managed
Article Type	Dev Kit
Color	Div.
Operating Temp °C (min)	-20
Operating Temp °C (max)	60
Storage Temp °C (min)	-20
Storage Temp °C (max)	60
IP Class	IP68
Compliance	RoHs & Reach, CE
Battery	Yes
Battery Life	~5 Yr
AC Input	100-240 VAC, 50/60 Hz

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Where application information is given, it is only advisory and does not form part of the specification.

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AC Plugs	US,EU,UK,AUS
Bluetooth Type	Bluetooth Low Energy 4.1
Bluetooth Sensitivity	-97dBm
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	None
NFC and RFID Integration	No
Internal Flash Memory	55KB
LED	Red
Manage services	Cloud
Data output to cloud	0.1 to 1Mbit Up data

VARIANTS

ID	Variant
4923-01-000-00	RTLS/ Asset Tracking

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