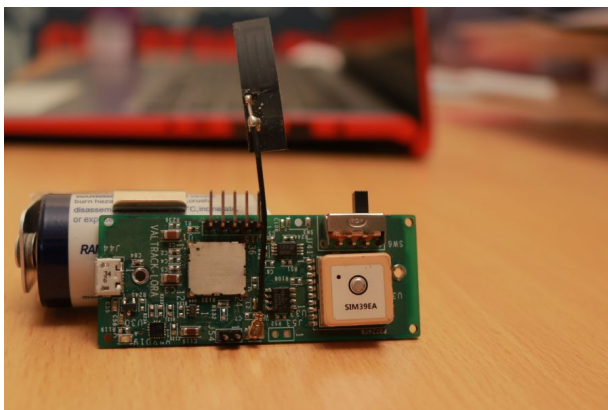
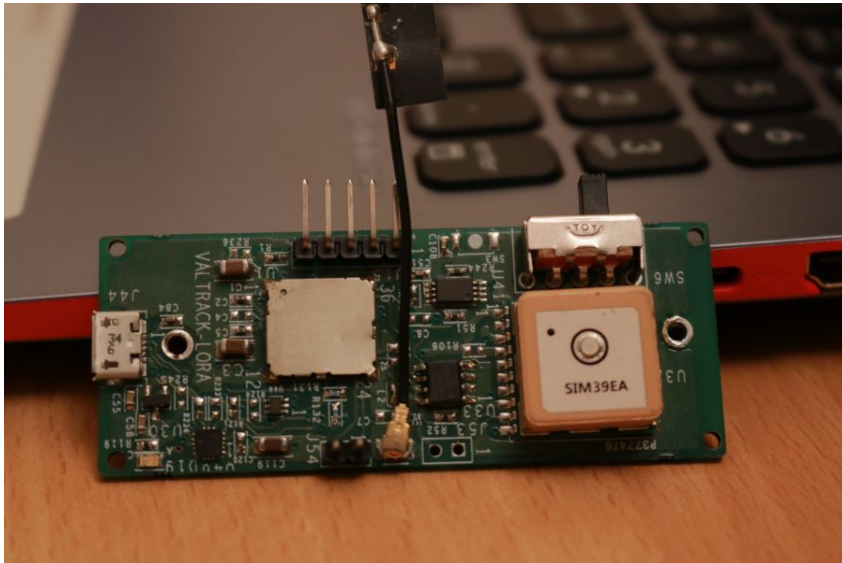


VALTRACK-LORA



Product Overview

VALTRACK-LORA is a LoRaWAN/GPS based tracking device. It is small in size, low cost & easy to install.

Features & Benefits

- > VALTRACK-LORA is a LoRaWAN/GPS based asset tracking device.
- > It is small in size, low cost & easy to install.
- > The device can be powered using non-rechargeable/rechargeable 3.7v - 4.2v battery.(Device doesn't have battery charging facility).
- > The device has a motion sensor for power saving.
- > Device supports standard LoRaWAN protocol (Tested on TATA Communications LoRaWAN network).
- > See your location on map or cloud.
- > Device can be configured by LoRaWAN downlinks.
- > Device is enabled for low battery consumption.
- > Application: Track your Motorcycle, Car, Kids, Elders.

VALTRACK-LORA

VALTRACK-LORA

Technical Specifications

Operating Voltage

3.7V - 4V DC

Model No.

VALTRACK-LORA

Inputs

Temperature Sensor (I2C)

GPS

SIM39EA equivalent with 6m accuracy

Operating Modes

Sends JSON Packets to LoRaWAN GATEWAY

Configuration Mode

LoRaWAN Downlinks

Dimensions

70mm * 27mm * 19mm

Battery

3.7V C size Lithium battery holder is provided

Processor

STM2L072 ARM Cortex-M0 32MHz

Charging Interface

Not Present

Motion Sensor

12-bit 3-axis Accelerometer

Antenna

> U.FL (LoRa)

> Inbuilt Antenna (GPS)

Memory

32KB FRAM (optional)

Connectivity

LoRaWAN

Debug Interface

SWD Debug Interface

Note: Enclosure with notch lid ships standard

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