

## Teseo-LIV3FL low power GNSS module evaluation board



### Features

- ST Teseo-LIV3FL low power GNSS platform
- Multiconstellation GNSS: GPS, Galileo Glonass, BeiDou, QZSS supported
- Dead-Reckoning supported
- USB power supply and battery charge
- ON/OFF and reset buttons available
- NMEA over
  - UART by USB
  - Signals by connector
- PPS output
- Leds
  - PPS
  - Power

### Description

EVB-LIV3FL is a complete standalone evaluation platform for Teseo-LIV3FL low power GNSS module ST solution. Teseo-LIV3FL embeds the high performance ARM microprocessor with embedded flash, UART and I2C serial communication interfaces.

Performance and configuration can be analysed using the ST Teseo Suite PC tool available on [www.st.com](http://www.st.com).

Product status link	
<a href="#">EVB-LIV3FL</a>	
Product summary	
<b>Device type</b>	EVB-LIV3FL
<b>GNSS module</b>	Teseo-LIV3FL
<b>Device grade</b>	Industrial grade

## 1 HW and SW resources

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### ST GNSS solutions

Teseo-LIV3FL is part of ST Teseo GNSS module family solution supported.

### Power supply

Board powered through USB or battery for standalone usage.

### NMEA port supported

- Teseo-LIV3FL-UART over USB
- Teseo-LIV3FL-I2C over signal connector

### Connectors

- Antenna SMA female
- Teseo-LIV3FL – I2C over signals connector available
- $V_{CC}$  and  $V_{BAT}$  voltages over signals connector available

### Kit contents

- EVB-LIV3FL evaluation board
- GNSS Antenna
- USB cable

## Revision history

**Table 1. Document revision history**

Date	Version	Changes
14-Dec-2020	1	Initial release.

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