

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.

Product status link	
EVB-LIV3FL	
Product summary	
Device type	EVB-LIV3FL
GNSS module	Teseo-LIV3FL
Device grade	Industrial grade

1 HW and SW resources

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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