

Teseo-LIV4F dual-band GNSS module evaluation board



Features

- ST Teseo-LIV4F dual-bands L1/L5 GNSS platform
- Multiconstellation and multi-bands GNSS: GPS, Galileo Glonass, BeiDou, QZSS 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-LIV4F is a complete standalone evaluation platform for Teseo-LIV4F dual-bands L1/L5 GNSS module ST solution. Teseo-LIV4F 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-LIV4F	
Product summary	
Device type	EVB-LIV4F
GNSS module	Teseo-LIV4F
Device grade	Industrial grade

1 HW and SW resources

ST GNSS solutions

Teseo-LIV4F 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-LIV4F-UART over USB
- Teseo-LIV4F-I2C over signal connector

Connectors

- Antenna SMA female
- Teseo-LIV4F-I2C over signals connector available
- V_{CC} and V_{BAT} voltages over signals connector available

Kit contents

- EVB-LIV4F 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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