

Teseo-ELE6A GNSS - evaluation board



Product status link

[EVB-ELE6A](#)

Product summary

Order code	EVB-ELE6A

Features

- ST Teseo-EVB-ELE6A GNSS module
- Multiconstellation and quad-bands GNSS: GPS, Galileo GLONASS, BeiDou, IRNSS, QZSS supported
- USB power supply
- Button:
 - ON/OFF button
 - Reset button
- NMEA over
 - UART by USB
- PPS output
- JTAG interface
- Leds:
 - PPS
 - Power
 - Antenna
- ODO/CAN connector

Description

EVB-ELE6A is a complete standalone evaluation platform for Teseo-EVB-ELE6A GNSS quad bands and multi constellation receiver IC solution.

EVB-ELE6A is designed for best STA8610GA best performance. Boot and reset buttons allow an easy programming procedure.

The 14-pins I/O connector allows access to the several signals to the connection.

Teseo-VI embeds the high-performance dual-core Arm Cortex[®]-M7 microprocessor UART communication interfaces.

Performance and configuration can be analyzed using the ST Teseo Suite PC tool available on www.st.com

1 HW and SW resources

1.1 ST GNSS solutions

Teseo- EVB-ELE6A is part of ST Teseo VI GNSS quad-band and multi constellation family solution supported.

Power supply

Board powered through USB.

NMEA port supported

- Teseo-EVB-ELE6A UART over USB

1.2 Connectors

- Antenna SMA female
- I/O 14 pins connector
- JTAG interface

1.3 Sensors

- Connector for ST 3D accelerometer and gyroscope

1.4 Kit contents

- EVB-ELE6A evaluation board
- USB cable

Revision history

Table 1. Document revision history

Date	Version	Changes
03-Oct-2024	1	Initial release.

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