

Teseo-VIC3DA GNSS dead-reckoning module evaluation board



Features

- ST Teseo-VIC3DA GNSS dead-reckoning 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
- Odometer connector

Description

The **EVB-VIC3DA** is a complete standalone evaluation platform for Teseo-VIC3DA GNSS dead-reckoning module ST solution. Teseo-VIC3DA embeds the high performance ARM microprocessor with embedded flash, ST 3D MEMS, 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-VIC3DA](#)

Product summary

Device Type	EVB-VIC3DA
Dead-reckoning module	Teseo-VIC3DA
Device grade	Automotive grade

1 HW and SW resources

1.1 ST GNSS solutions

Teseo-VIC3DA is part of ST Teseo GNSS dead-reckoning family solution supported

1.2 Power supply

Board powered through USB or battery for standalone usage.

1.3 NMEA port supported

- Teseo-VIC3DA-UART over USB
- Teseo-VIC3DA-I2C over signal connector

1.4 Connectors

- Antenna SMA Female
- Teseo-VIC3DA – I2C over signals connector available
- Teseo-VIC3DA- Odometer over signals connector available
- VCC and VBAT voltages over signals connector available

1.5 Kit contents

- EVB-VIC3DA evaluation board
- GNSS antenna
- USB cable

Revision history

Table 1. Document revision history

Date	Version	Changes
10-Nov-2020	1	Initial release.

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