EVB-VIC3DA

Data brief

GNSS dead-reckoning module evaluation board based on Teseo-VIC3D and Teseo-VIC3DA

Features

- ST Teseo-VIC3DA/D 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/D GNSS dead-reckoning module ST solution. Teseo-VIC3DA/D 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-VIC3D Teseo-VIC3DA

1 HW and SW resources

1.1 ST GNSS solutions

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

1.4 Connectors

- Antenna SMA Female
- Teseo-VIC3DA/D – I2C over signals connector available
- Teseo-VIC3DA/D- 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.
07-Oct-2021	2	Updated title in cover page. Added device Teseo-VIC3D and document updated accordingly.

Contents