

## Teseo-V triple band evaluation board



### Features

- ST Teseo-V STA8135GA platform multi constellation and triple band GNSS: GPS, Galileo Glonass, BeiDou, QZSS supported
- USB power supply
- Buttons:
  - ON/OFF
  - Reset
  - Boot
- NMEA over UART by USB
- PPS output
- Leds:
  - PPS
  - Power
  - Antenna
- ODO/CAN connector
- ST ASM330LHH MEMS

### Description

The **EVB-T5MCM** board is a complete standalone evaluation platform for Teseo-V STA8135GA GNSS triple band and multi constellation receiver IC solution.

The EVB-T5MCM is designed for best performance.

Boot and reset buttons allow an easy programming procedure.

The 4-pins connector allows access to the ODO/CAN signals to simplify car connection.

Teseo-V embeds the high performance ARM Cortex-M7 microprocessor with RF front-end able to support different bands (L1, L2 and L5), UART communication interfaces.

Performance and configuration can be analysed using the ST Teseo Suite PC Tool available on [www.st.com](http://www.st.com).

Product status link

[EVB-T5MCM](#)



## 1 HW and SW resources

---

### 1.1 ST GNSS solutions

The Teseo-V STA8135GA is part of ST Teseo GNSS triple band and multi constellation family solution supported.

### 1.2 Power supply

Board powered through USB.

### 1.3 NMEA port supported

Teseo-V-UART over USB.

### 1.4 Connectors

The connectors are:

- Antenna SMA Female
- ODO/CAN signals available (on 4x1 connector)
- SD/MMC connector

### 1.5 Sensors

ST ASM330LHH MEMS.

### 1.6 Kit contents

- EVB-T5MCM evaluation board
- USB cable

## Revision history

**Table 1. Document revision history**

Date	Revision	Changes
21-Oct-2021	1	Initial release.

**IMPORTANT NOTICE – PLEASE READ CAREFULLY**

STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. For additional information about ST trademarks, please refer to [www.st.com/trademarks](http://www.st.com/trademarks). All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2021 STMicroelectronics – All rights reserved