



## Product Summary

# RCB-F9T Timing Board

## Easy access to u-blox ZED-F9T multi-band timing technology

### Highlights

- Timing board with ZED-F9T
- Industry-standard form factor
- SMB antenna connector
- 8-pin connector for easy connectivity



### Product description

The RCB-F9T allows for easy evaluation and quick prototyping with ZED-F9T, the u-blox F9 high accuracy timing module.

The ZED-F9T module provides multi-band GNSS timing and comes with nanosecond level timing accuracy in both standalone and differential timing modes.

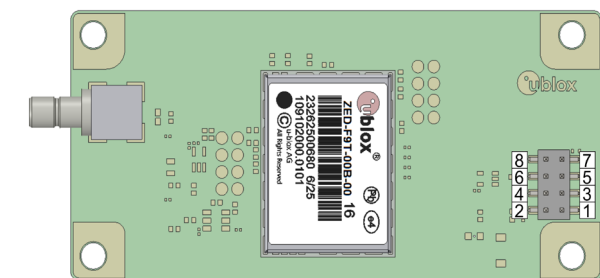
The RCB-F9T timing board contains SMB antenna connector and 5V power supply circuitry for active multi-band GNSS antenna. 8-pin, 2.0 mm pitch pin-header provides powering of the board, UART communications and two independently configurable time pulse signals.

The evaluation software, u-center, provides a powerful platform for evaluation of u-blox GNSS receivers. With u-center, the receiver can be easily configured, and data can be logged as well as visualized in real time.

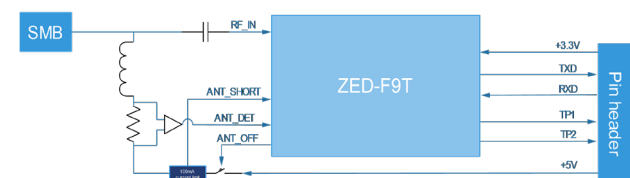
### Kit includes

Timing board with ZED-F9T mounted

### Pin order



### Block diagram



### Interfaces and electrical data

Antenna	SMB connector for active multi-band GNSS antenna
Pin header	1 Antenna power supply 5.0V max 100mA 2 Operating voltage, 3.3V 3 UART TXD, LVCMOS 4 Hardware reset (can be left floating) 5 UART RXD, LVCMOS 6 Time Pulse 1, LVCMOS 7 Time Pulse 2, LVCMOS 8 Ground
Protocols	NMEA, UBX, RTCM

### Related products

ZED-F9T	u-blox F9 high accuracy timing module
ANN-MB (SMB)	Multi-band, high precision GNSS antenna
u-center	GNSS evaluation software

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For more product details and ordering information, see the product data sheet.