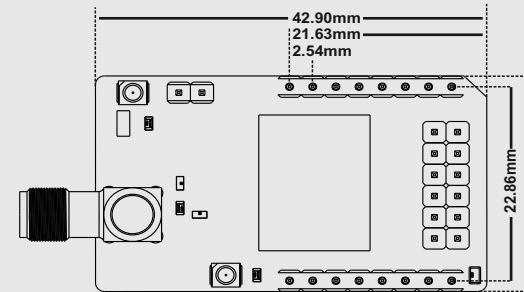


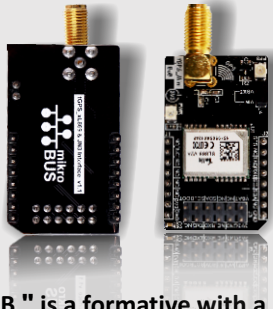
tGPS BoB
SL869-V2S
Inside

FEATURES

- ⊙ **Standards:** NMEA
- ⊙ **Chipset:** Mediatek MT3337 core
- ⊙ **Acquisition Channels:** 66
- ⊙ **Positional Accuracy:** 3 m
- ⊙ **Sensitivity:**
Acquisition: -148dBm, Navigation: -163dBm,
Tracking: -165dBm
- ⊙ **Current:**
Acquisition: typ 27 mA, Tracking: typ 24 mA,
Standby: typ <6.5 uA
- ⊙ **GNSS Standards and bands supported:**
GPS L1
- ⊙ **Assisted GPS**
- ⊙ **Header Form Factor**
- ⊙ **PCB Dimensions:** 43 x 25.1
- ⊙ **PPS (Red) - Power(Green) LEDs**



INTRODUCTION



"tGPS BoB " is a formative with a microBUS structure. It is an effective and easy solution for adding GPS functionality to your design. It features the Telit SL869 - V2S module, a SMA connector for an GPS antenna also it has two LEDs for PPS and PWR. tGPS BoB can be interfaced with the target board microcontroller via microBUS UART (Rx, Tx), lines. It has a LED diode in order to power indicator. it can function on 3.3 V power supply only.

APPLICATIONS

- ⊙ **Vehicle Tracking**
- ⊙ **Personal Tracking**
- ⊙ **Pet Tracking**
- ⊙ **Asset Tracking**
- ⊙ **Road Navigation Devices**

POWER SUPPLY

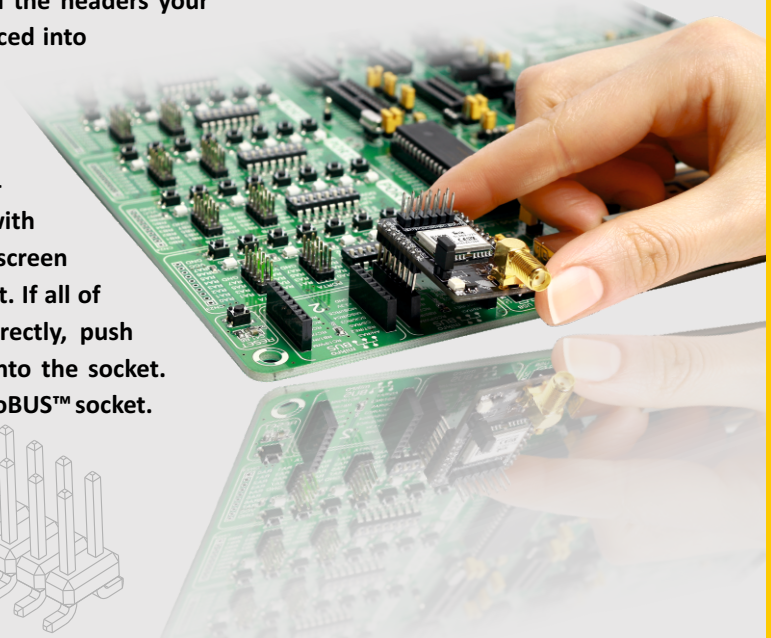
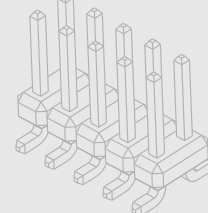


Power Supply Voltage: 3.3 V

Power Supply Current(Min) : 100 mA

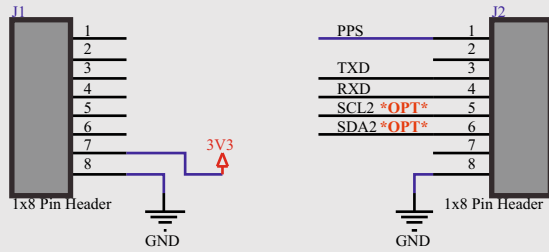
PLUGGING THE BOARD

Once you have soldered the headers your board is ready to be placed into desired mikroBUS™ socket. Make sure to align the cut in the lower-right part of the board with the markings on the silkscreen at the mikroBUS™ socket. If all of the pins are aligned correctly, push the board all the way into the socket. your board is esired mikroBUS™ socket.

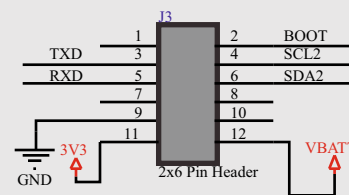


SCHEMATIC SCHEMATIC

mikroBUS



AUX BUS



ANTENNA

