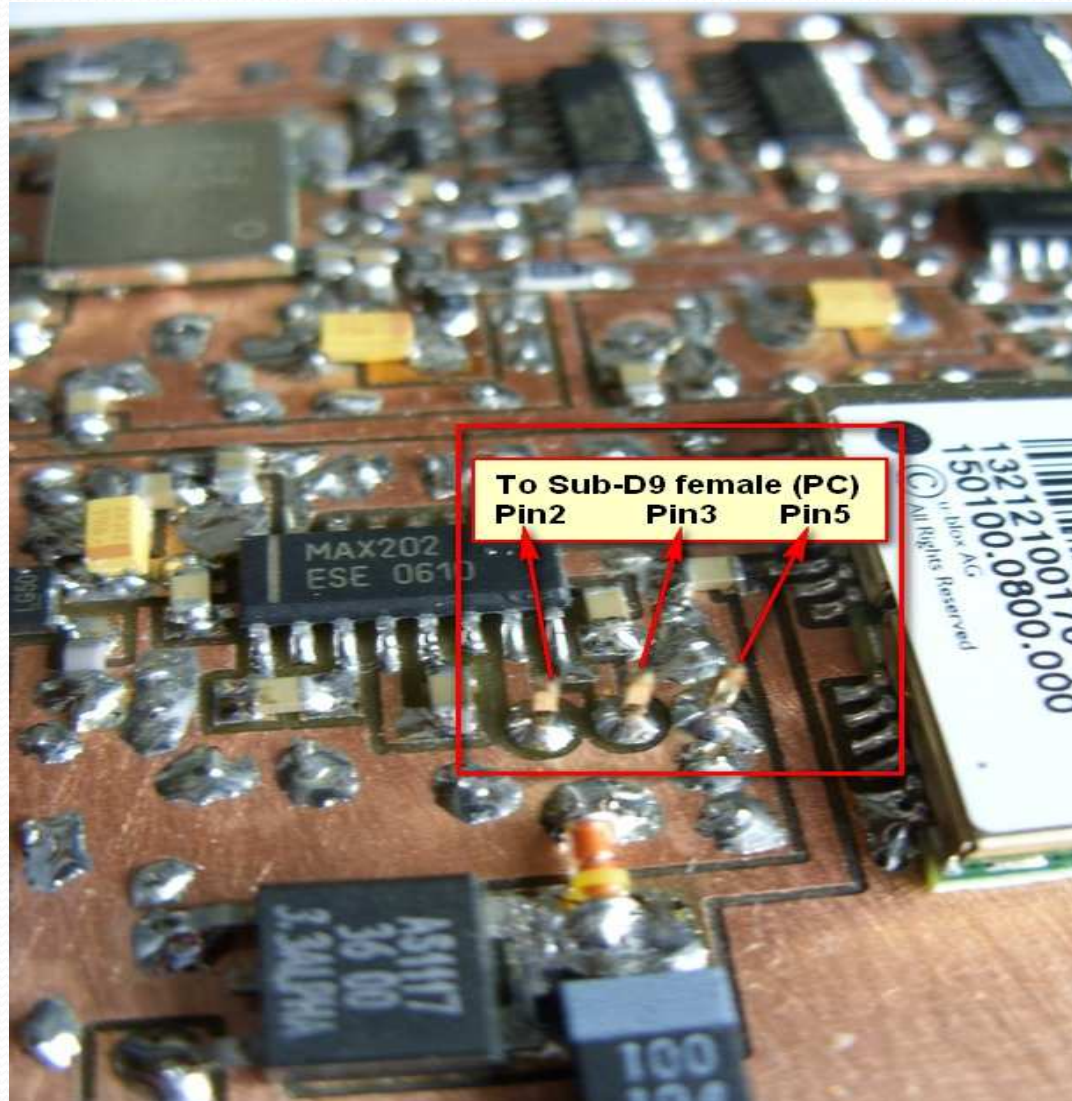# Configuration of GPS RX LEA5

Introduction

- The GPS RX needs some Configuration settings.
- To keep these settings a backup battery CR2032 is used.
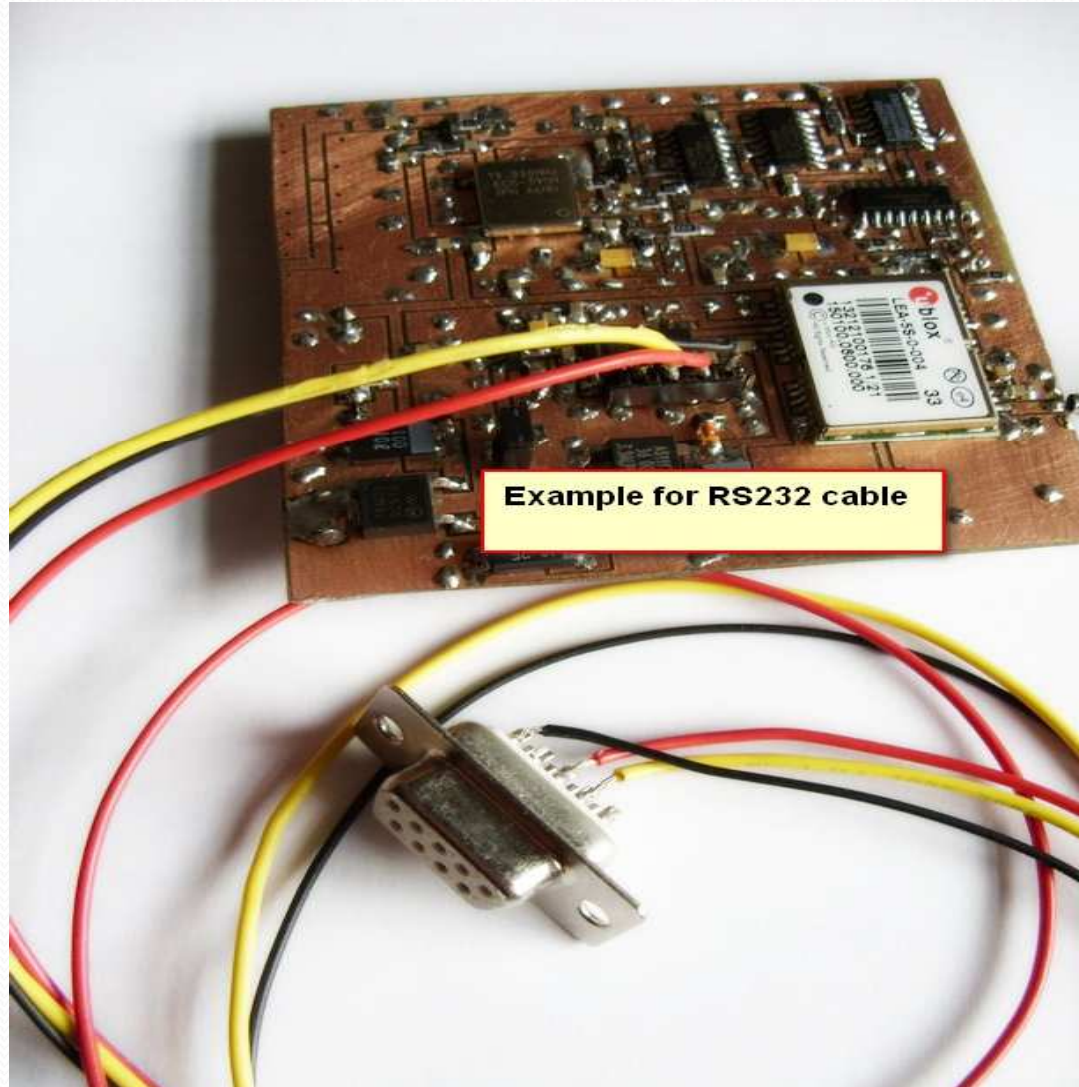- In case the battery has to be changed a Reconfiguration is necessary.

Seriell Connection RS232

- At the board there are 3 Pins for the RS232 Connection.
- You need a standard Sub-D9 female connector and 3 wires.
- And the U-Center Software, you can download from the Ublox hoempage.
- Download it to that PC you will use for the configuration and install it
- During installation the PC must be online, because it downloads some files (for any reason) which are not in zip file

Onboard Seriell Connection

Example

Example for RS232 cable

Connect Sub-D to PC and start U-Center

If no connection, check Com port settings

If no connection, check Com port settings

Receiver must be marked u-blox5

Go to „View" – „Configuration View"

Go to „Nav5" and change settings as shown

Go to „Timepuls" and change settings as shown

To finally save the settings go to „CFG" and press the Send button

Endcheck

- Disconnect the DC and start the GPSDO new.

- Go to the „Nav5" or „Timepuls" field and check that the made Changes are still there

- In case there are the default values, you probably forgot to press the send buttons or there is still a problem with the battery