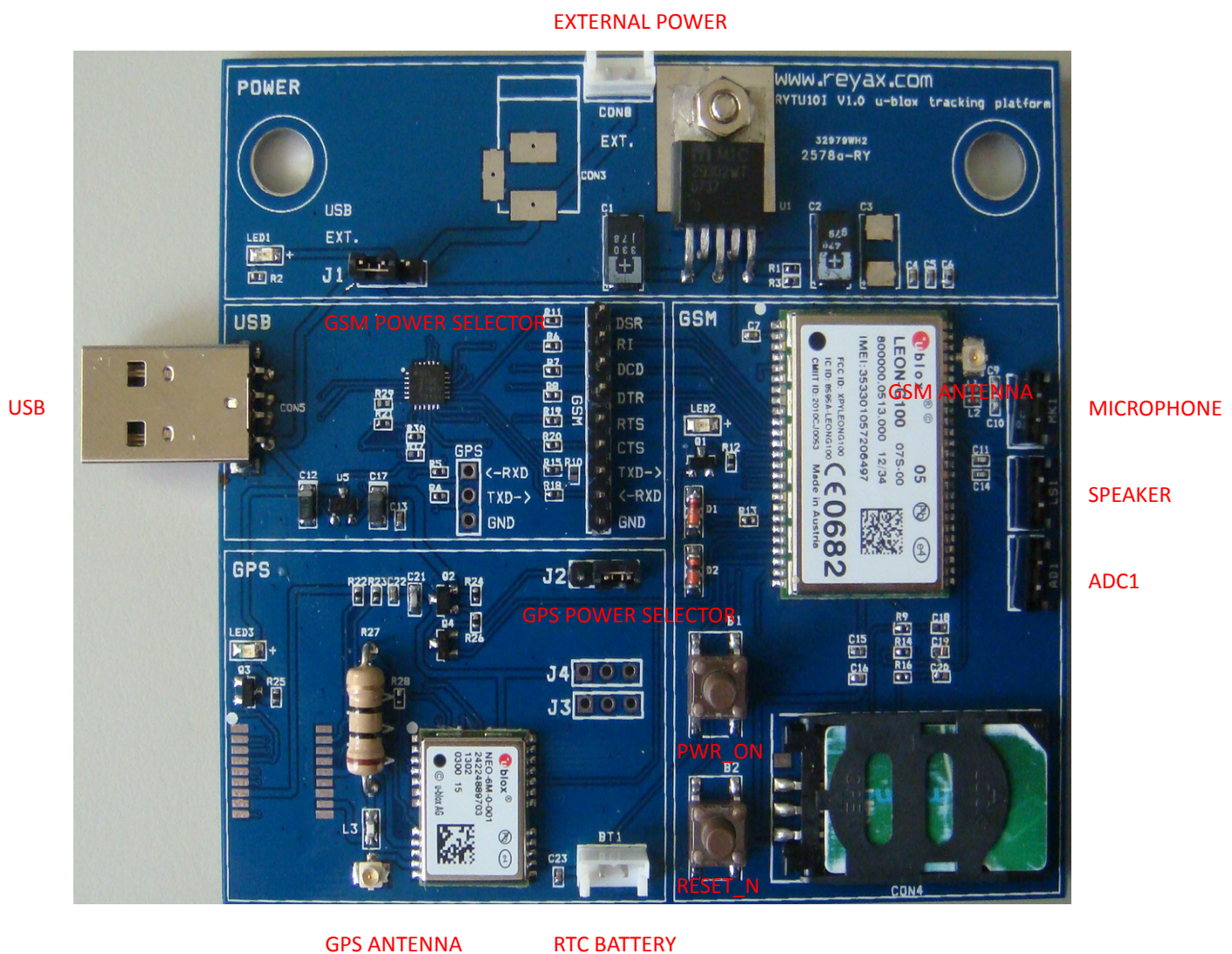# REYAX

RYTU10I V1.0 u-blox tracking platform

1 Introduction

REYAX   RYTU10I is a powerful and easy to use tool that makes evaluating u-blox LEON-G100 GSM/GPRS module and NEO-6M GPS module simple.

Accessories:

[1]Two i-pex to SMA Cables.

[2]One REYAX ANT-GSMQC2 GSM 850/900/1800/1900MHz quad band antenna.

[3]One active GPS antenna.

1.1 Block diagram

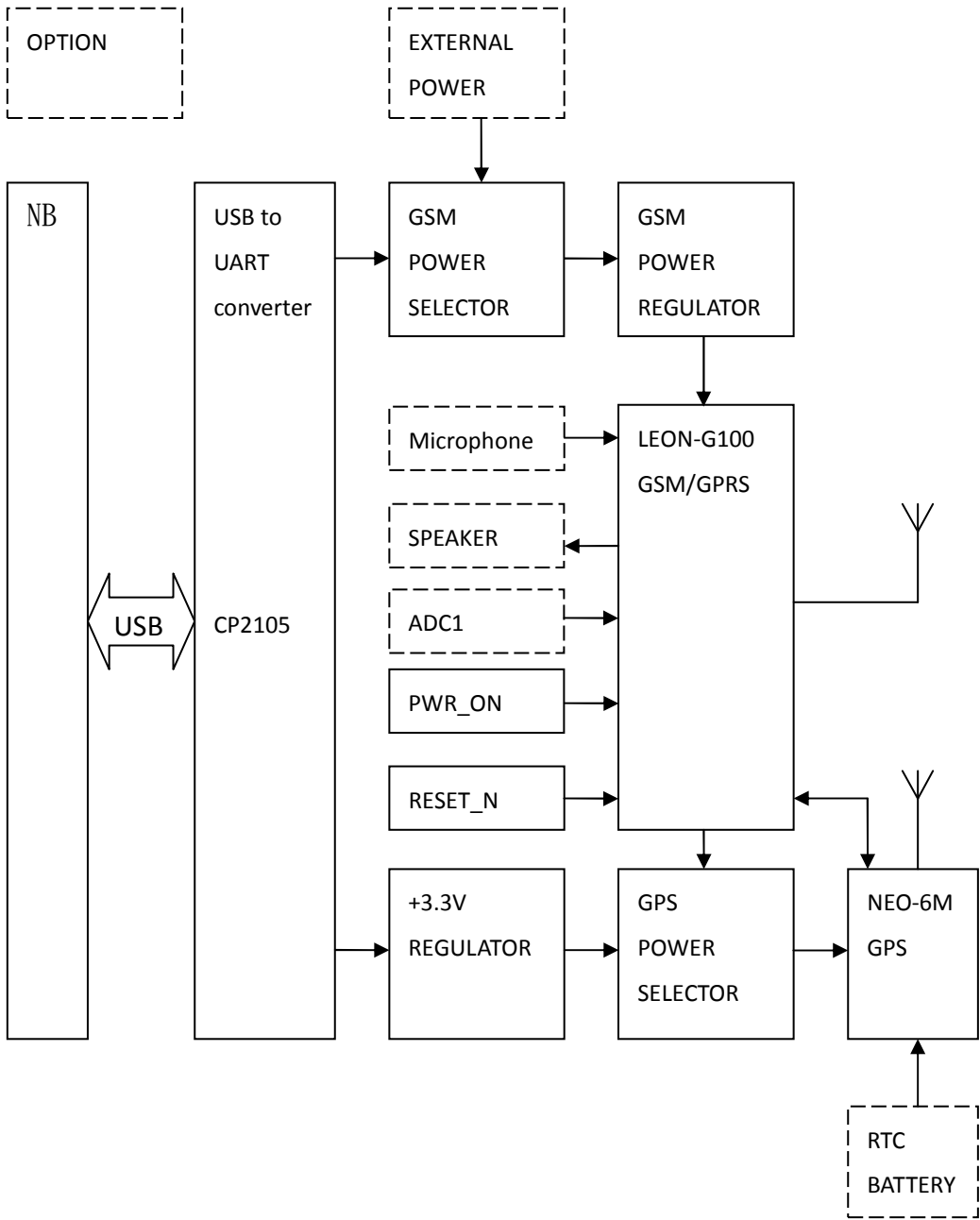Figure 1 shows the main interfaces and internal connections of the RYTU10I:

Figure 1

1.2 Switches and jumpers

Function	Description	Name
GSM POWER SELECTOR	▣▣☐ USB power, Please plug the USB in the NB USB port before turn on the NB power. If the USB power can't enough to supply the LEON-G100, please select the external power. ☐▣▣ External power	J1
GPS POWER SELECTOR	▣▣☐ Fixing +3.3V power ☐▣▣ LEON-G100 control the GPS power	J2

1.3 Software installation

1.3.1 Installation of the Silcon Labs CP2105 software.

Please download the driver from the Silcon Labs website:

http://www.silabs.com

Silicon Labs Dual CP210x USB to UART Bridge: Enhanced COM Port (COM4)
Silicon Labs Dual CP210x USB to UART Bridge: Standard COM Port (COM3)

The Standard COM port is NEO-6M GPS, default baud rate is 9600.

The Enhanced COM port is LEON-G100 GSM/GPRS, default baud rate is 115200.

1.3.2 Installation of the u-blox m-center and u-center software.

Please download the software from the u-blox website:
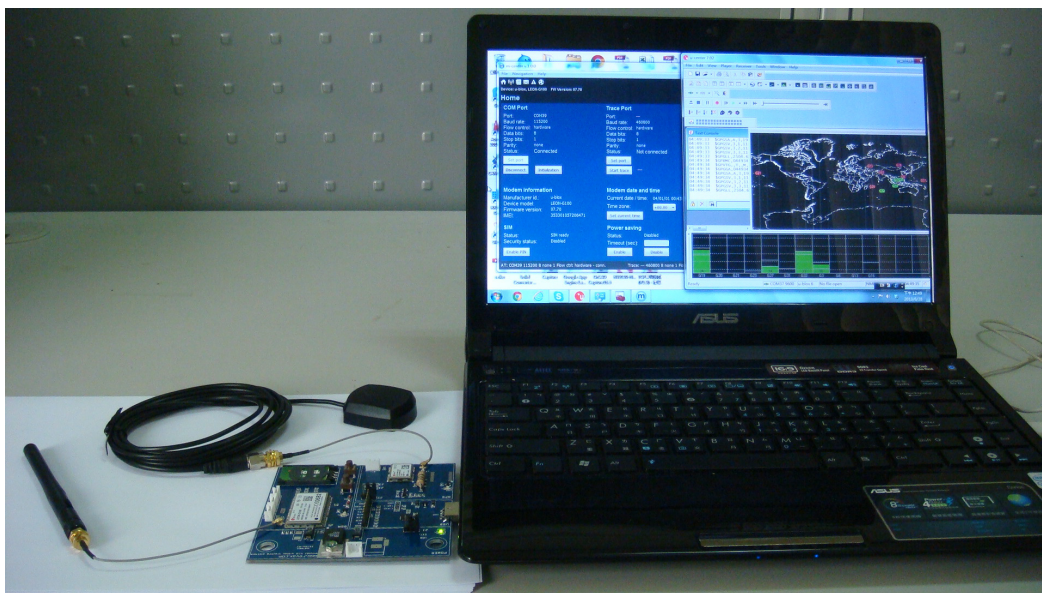
http://www.u-blox.com

1.4 Software installation

The RYTU10I can connect to the computer and test immediately.

The u-center & m-center evaluation software provides a powerful tool for evaluation,

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