# Connected to the GPS module

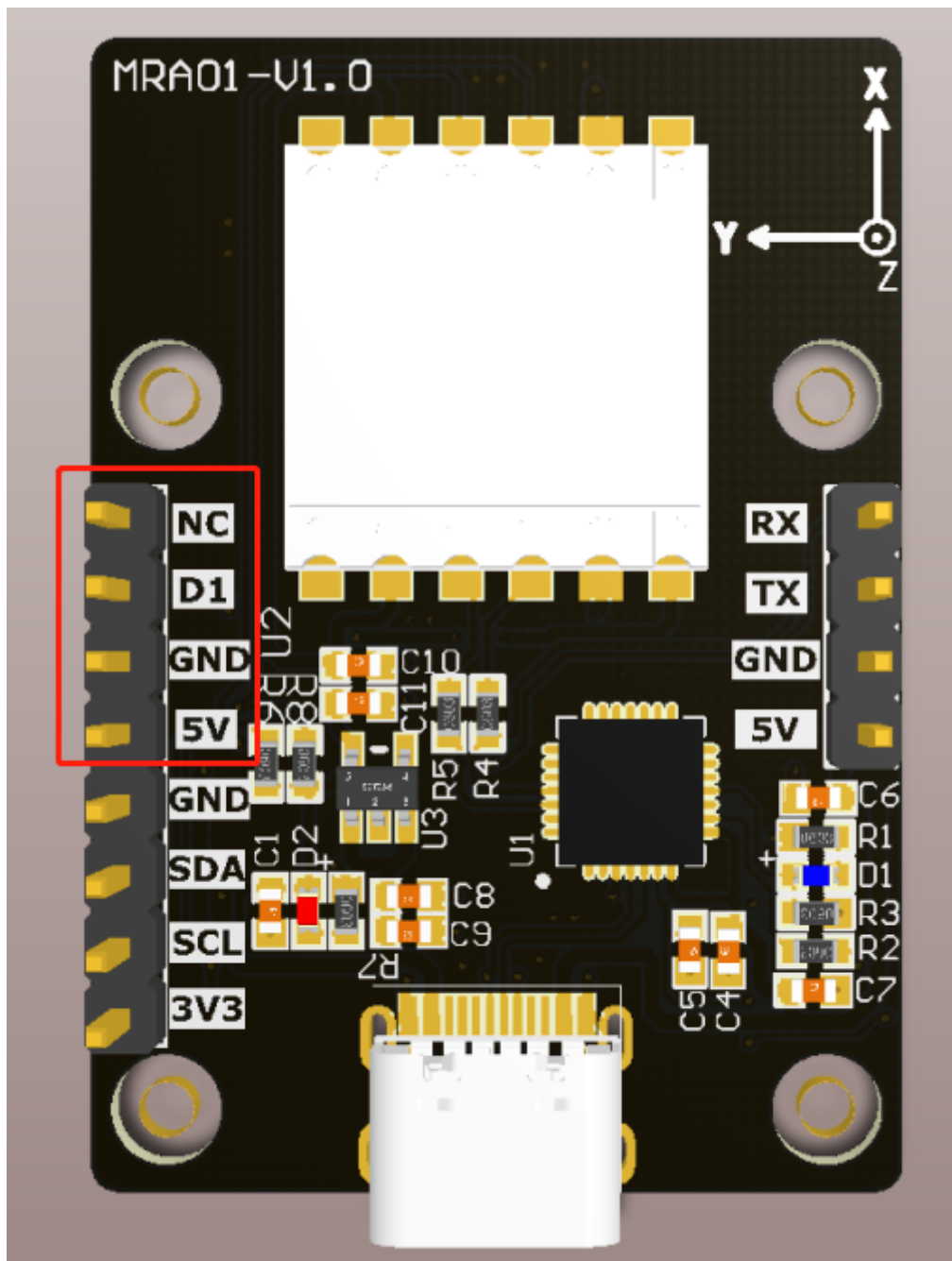## 1. External GPS Instructions

**The four pin headers in the red box on the left side of the IMU module can be connected to the GPS module. The GPS module needs to output serial data that conforms to the NMEA-0183 standard, and the serial baud rate of the GPS is 115200bps, in order to form a GPS-IMU inertial navigation unit.**

NC：blank

D1：Connect the data output pin of GPS

GND：ground

5V：DC 5V power supply

## 2. PC Software configures GPS parameters

Open and connect the  PC software.

Click 'Config' in the menu bar, and check 'Port', 'Loncation', 'PDOP', and 'Positioning Accuracy' in "Content".

**Note: If "GPS Original" is checked, the module only outputs GPS original information, and other data will not be output.**

Switch to the 'Data' interface and view GPS-related data in 'Location' and 'PDOP'.