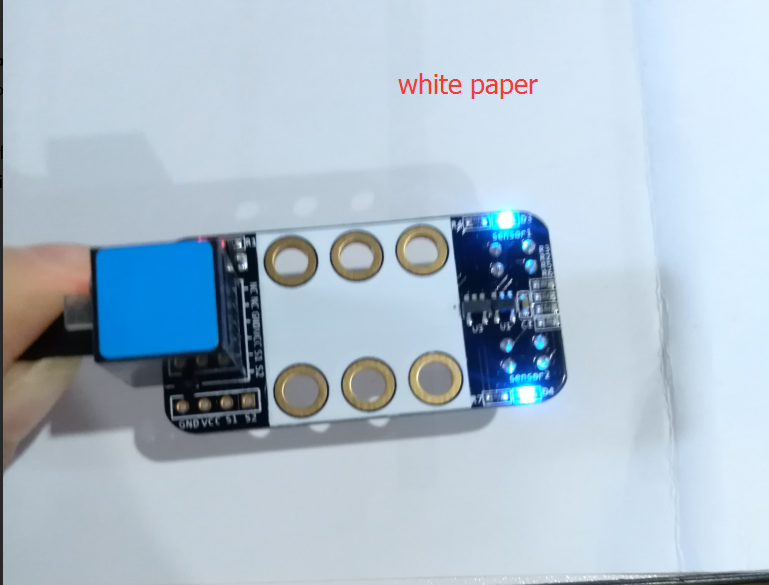
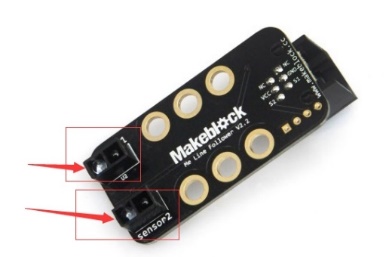
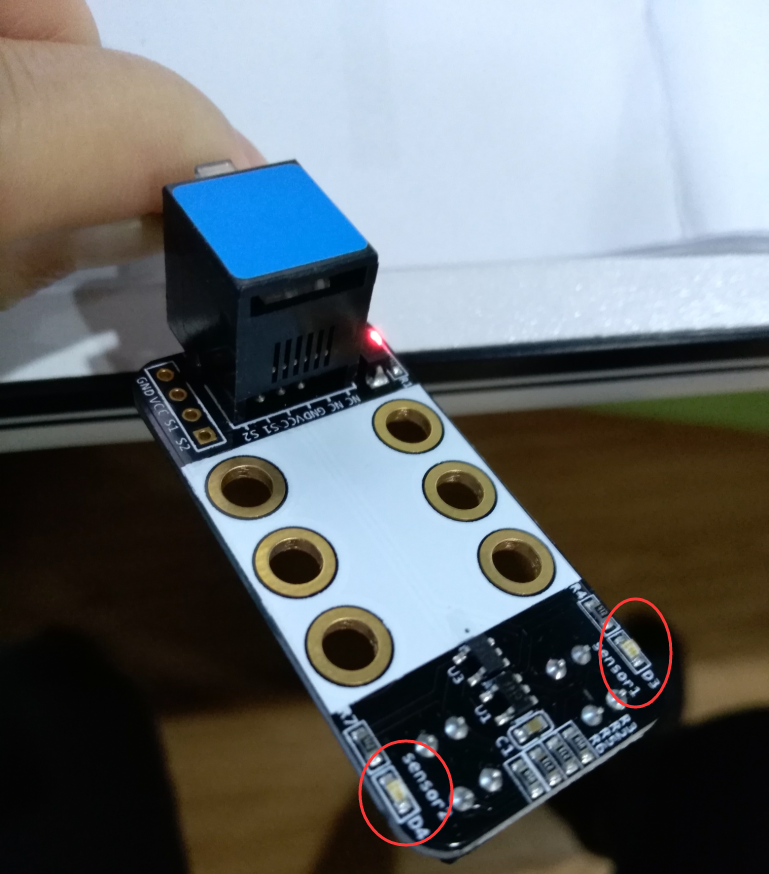
When the mBot works properly with Manual mode and Wall avoidance mode but doesn’t work with Line follower mode. **Please test if the line follower sensor is faulty refer to following way**:

**Step 1**: Put the two sensors on the Me Line follower above (*Detection range: 1~2cm*) a white desk or white paper and check if the two LEDs corresponding to the two sensors lit up? 

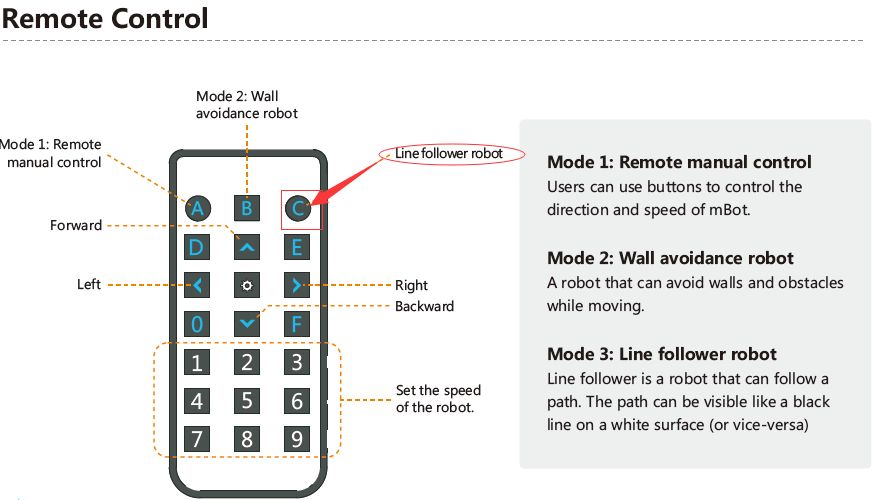
**Step 2**: Remove the line follower sensor from the white desk or white paper and check if the two LEDs corresponding to the two sensors turn off?



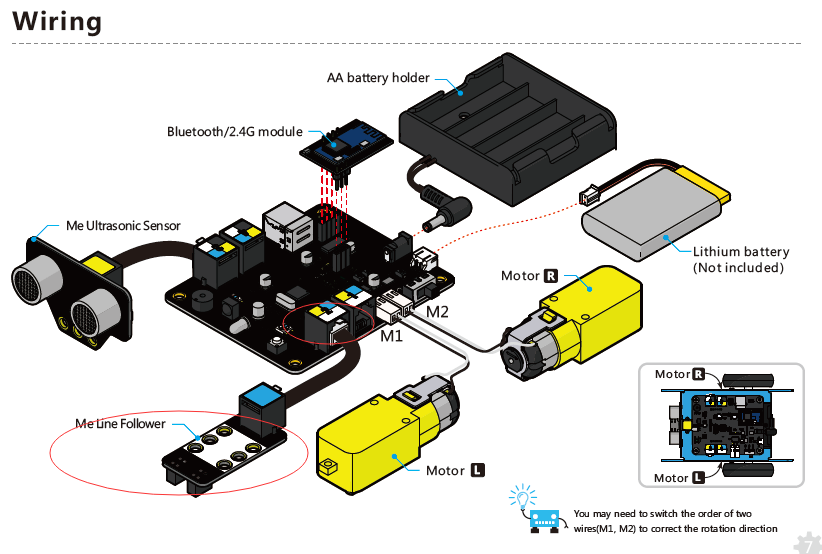
If the led corresponding to each sensor lit up when above a white paper/desk and turn off when remove from the white paper/desk, means the line follower sensor is ok. Otherwise, the sensor should be faulty.

If the sensor is ok refer to above test but the line follower mode doesn’t work, there are several reasons which may lead to the issue:

1. The default program may not function properly in mBot, please reset default program have a try. Refer to steps in FAQ 2 **How to reset default program manually**.
2. If you use the IR remote controller to control the mBot, you need press the **button C** to enter the Line follower mode.



1. The Me Line Follower sensor may not connect to the correct RJ25 port. Please connect the Line follower sensor to the **Port 2** on mCore board.



1. The wire connection may be loose or the RJ25 cable between the line follower module to mCore may faulty. Please **re plug the RJ25 cable** for both sides, or **change a RJ25 cable** have a check.
2. The power from **battery** is not enough. Please change the battery have a check.

According to our test and research, it is suggested to use rechargeable Li-ion battery or rechargeable nickel-metal hydride, nickel-cadmium which can be bought from amazon or local shop. Or  Alkaline battery with good quality like Energizer, DURACELL.