
TAGTAGTAG BOARD

TESTING PROCEDURE

9 STEPS

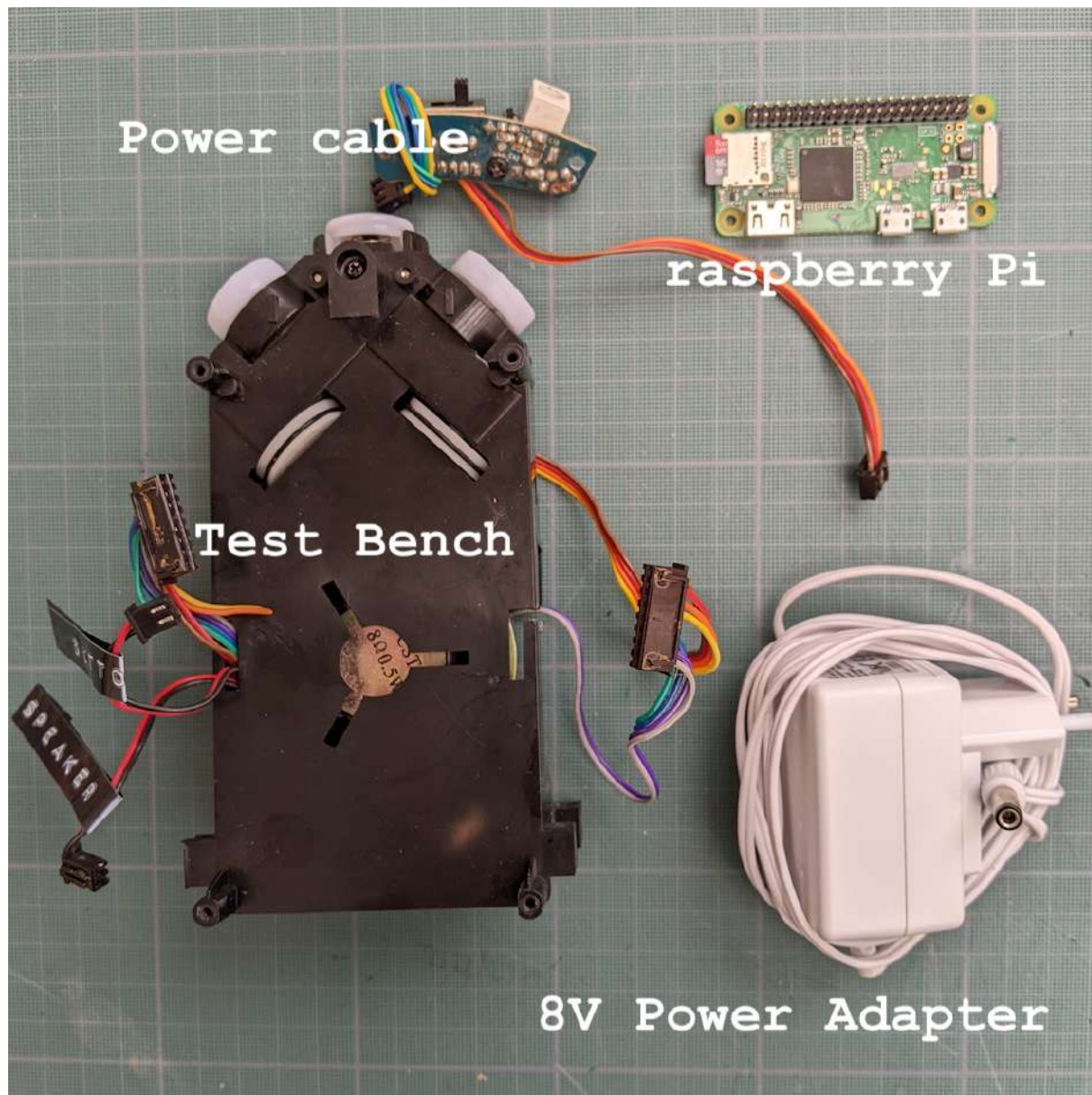
- Step 1 : connect the TagTagTag board to the test bench and the Power
- Step 2 : Plug the raspberry Pi Board
- Step 3 : Power the board
- Step 4 : Wait 20 seconds
- Step 5 : Both motors should move and then Stop
- Step 6 : A sound should be played (loop)
- Step 7 : The 5 LEDs should lit in white
- Step 8 : Push the top button : the LED should go RED
- Step 9 : disconnect the wiring and remove the raspberry Pi

DURATION OF THE TEST

Around 60 seconds.

THESE ITEMS WILL BE DELIVERED

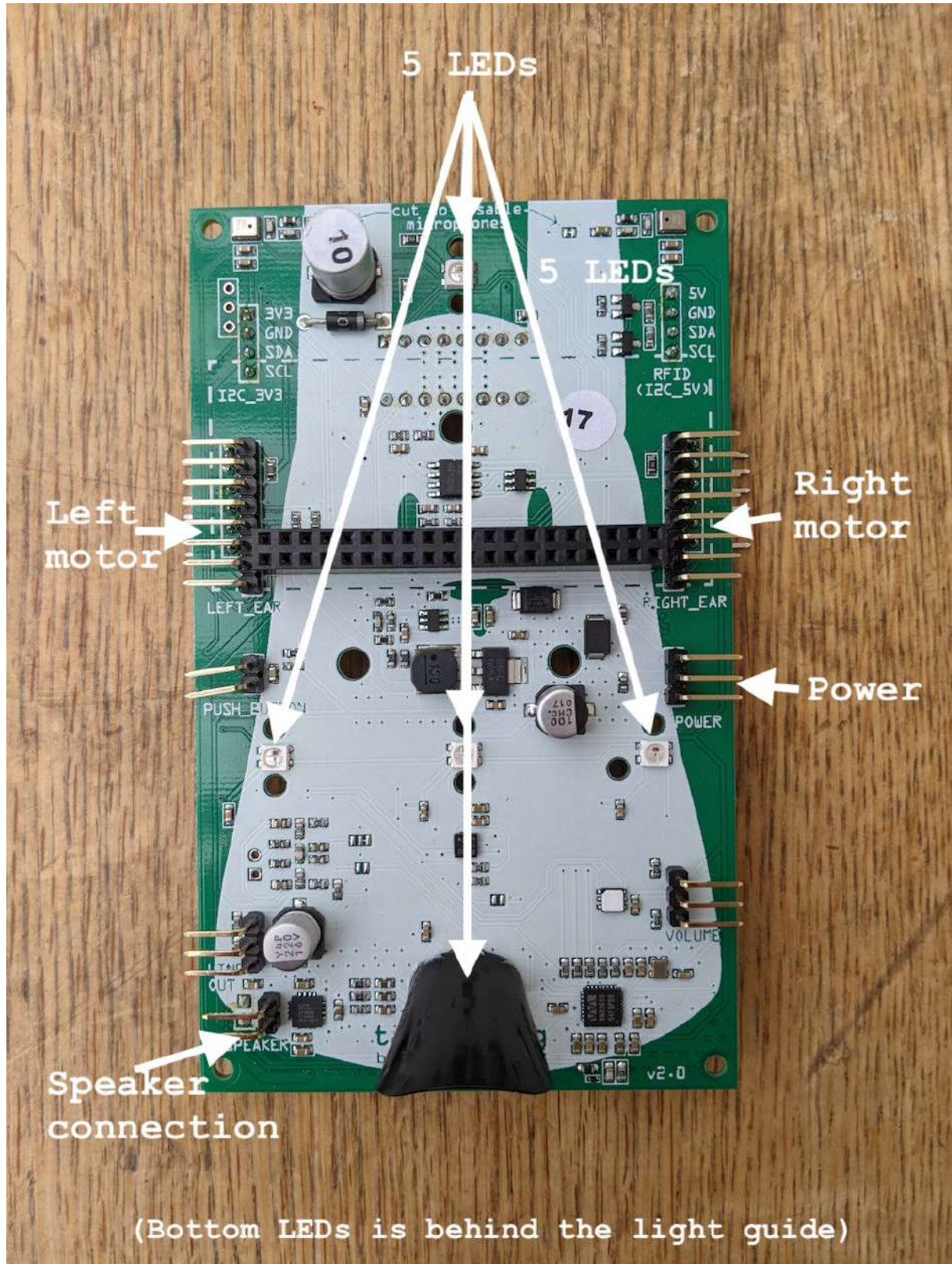
1. 5V 2A power adapter with cable
2. The test bench
3. Power adapter + cable
4. The raspberry Pi with an SD card (2 spare SD cards are also delivered in case of default)



TEST REPORT

- Sound : OK or NOK
- LEFT motor moving : OK or NOK
- RIGHT motor moving : OK or NOK
- 5 LEDs ON : OK or NOK
- Button : OK or NOK

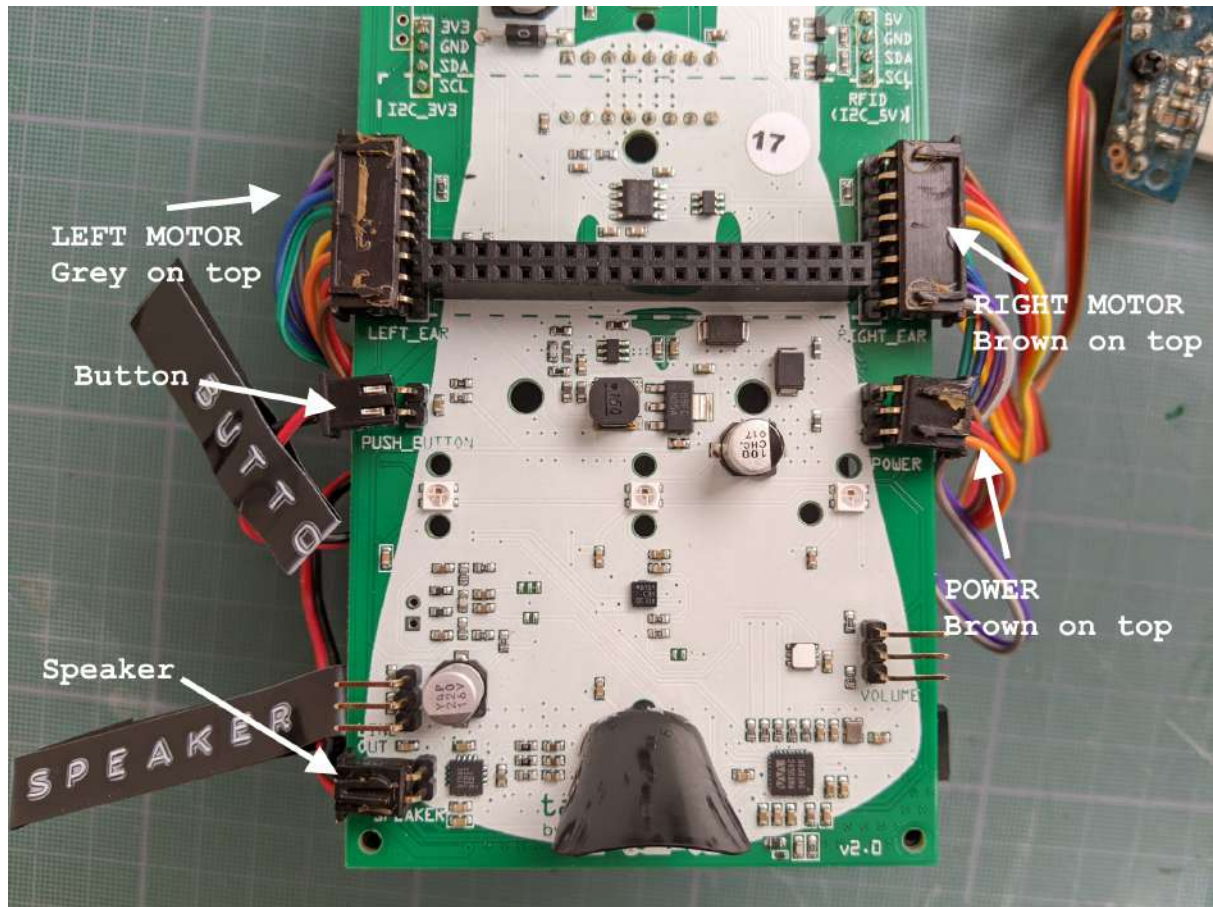
THE TAGTAGTAG BOARD



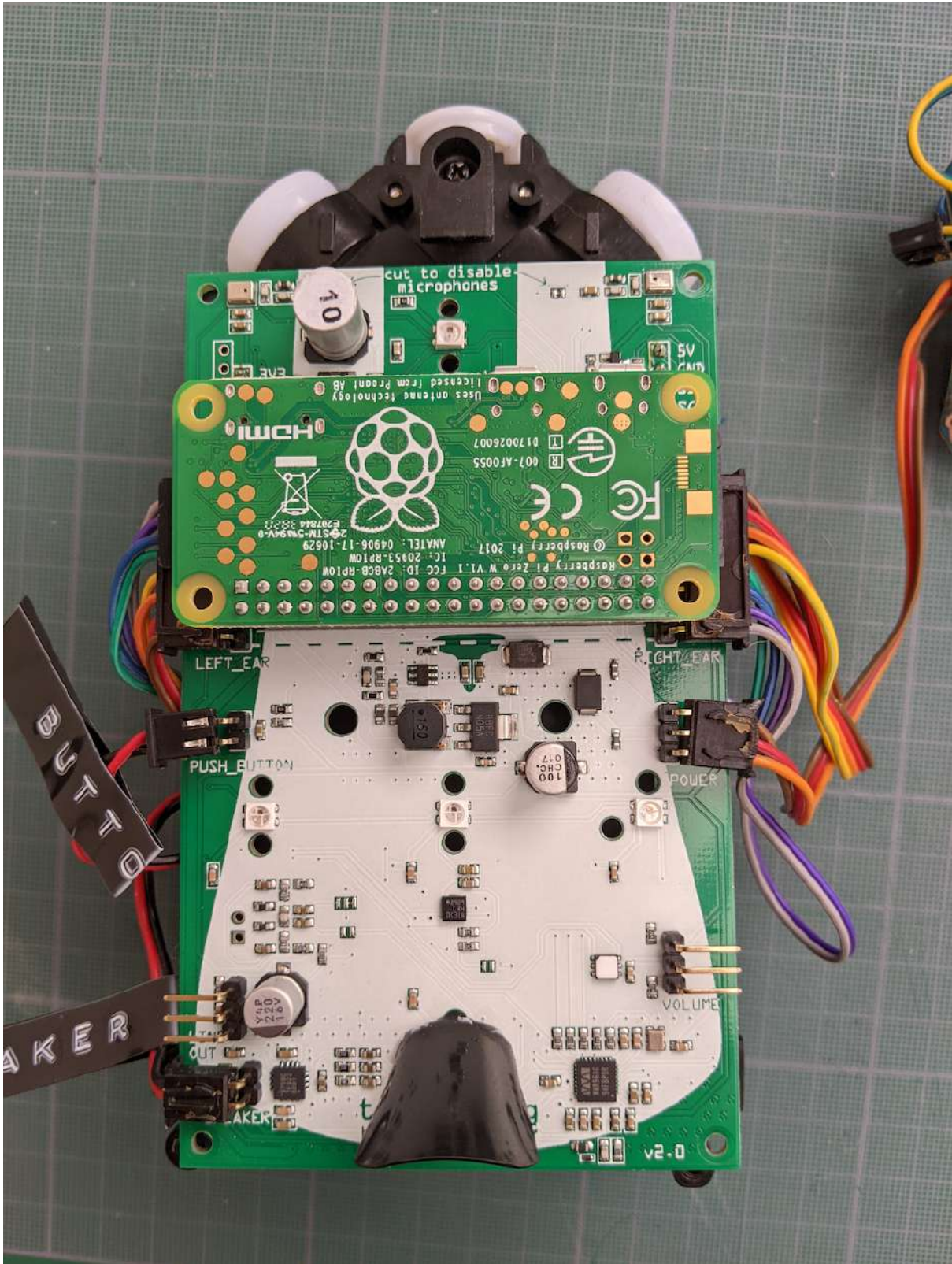
TEST BENCH



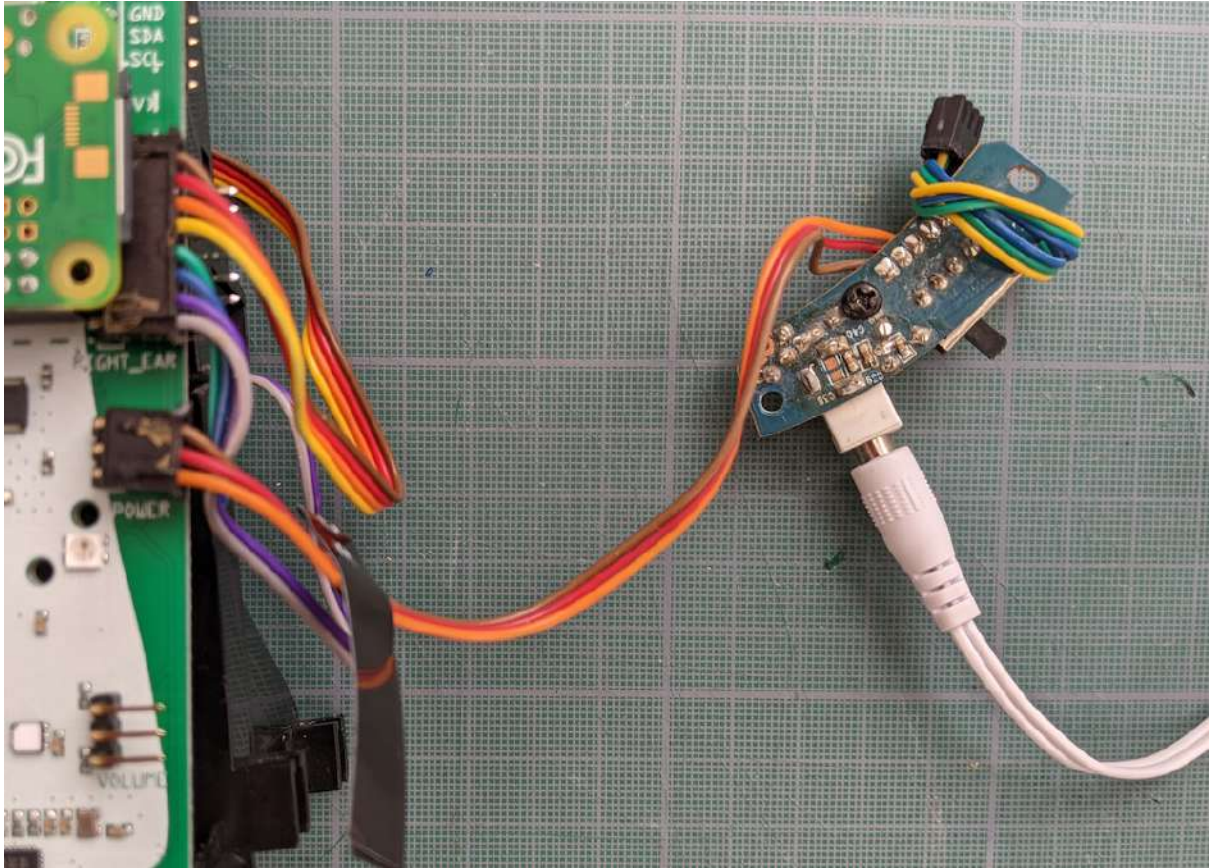
STEP 1 : CONNECT THE TAGTAGTAG BOARD TO THE TEST BENCH AND THE POWER



STEP 2 : PLUG THE RASPBERRY PI BOARD



STEP 3 : POWER THE BOARD

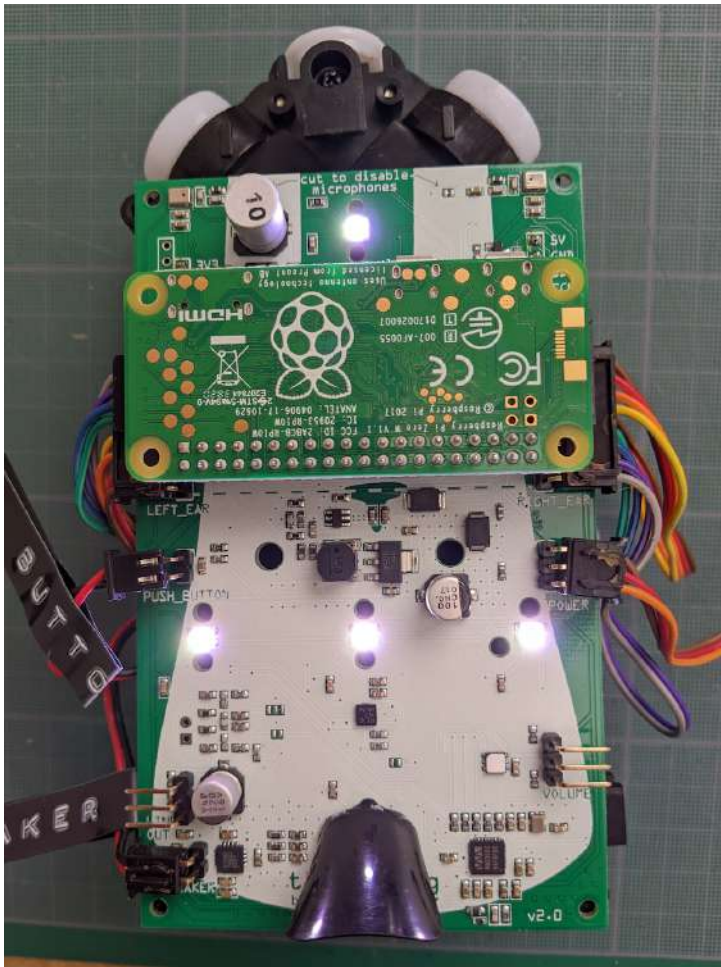


STEP 4 : WAIT 20 SECONDS

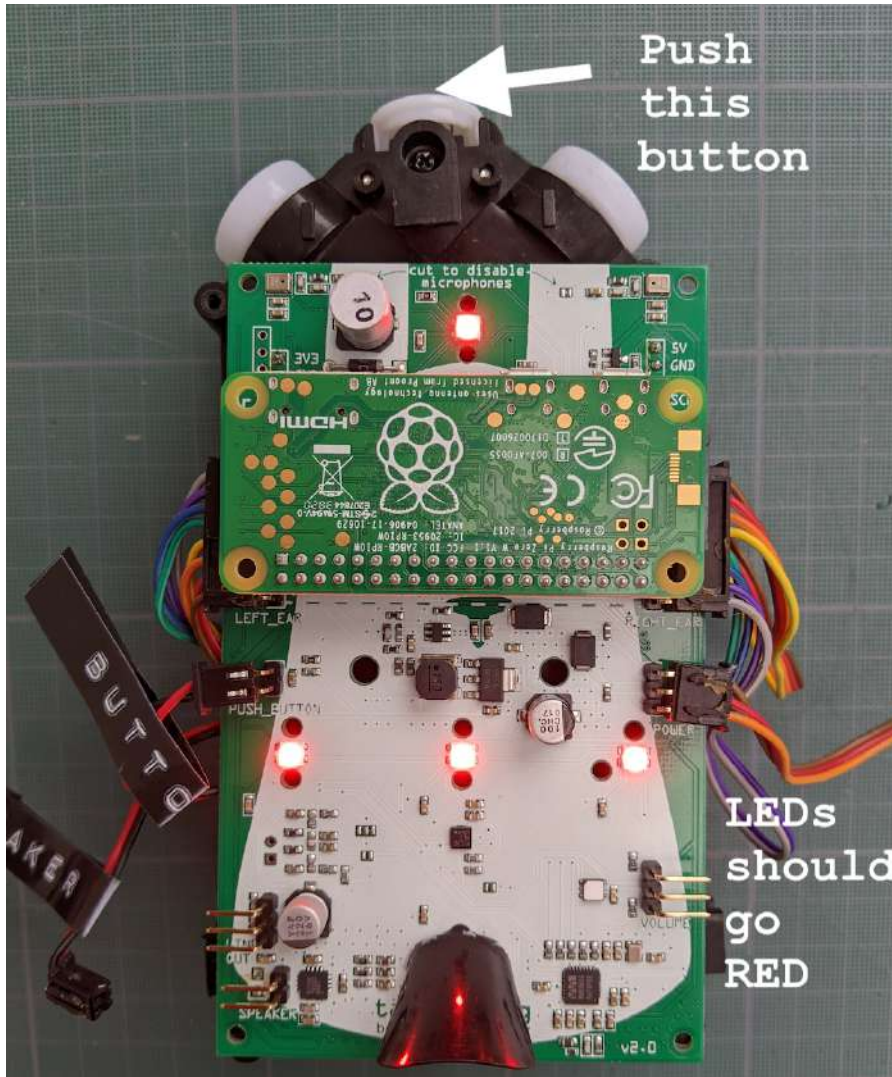
STEP 5 : BOTH MOTORS SHOULD MOVE AND THEN STOP

STEP 6 : A SOUND SHOULD BE PLAYED (LOOP)

STEP 7 : THE 5 LEDs SHOULD LIT IN WHITE



STEP 8 : PUSH THE TOP BUTTON : THE LED SHOULD GO RED



STEP 9 : DISCONNECT THE WIRING AND REMOVE THE RASPBERRY Pi

END OF THE TEST