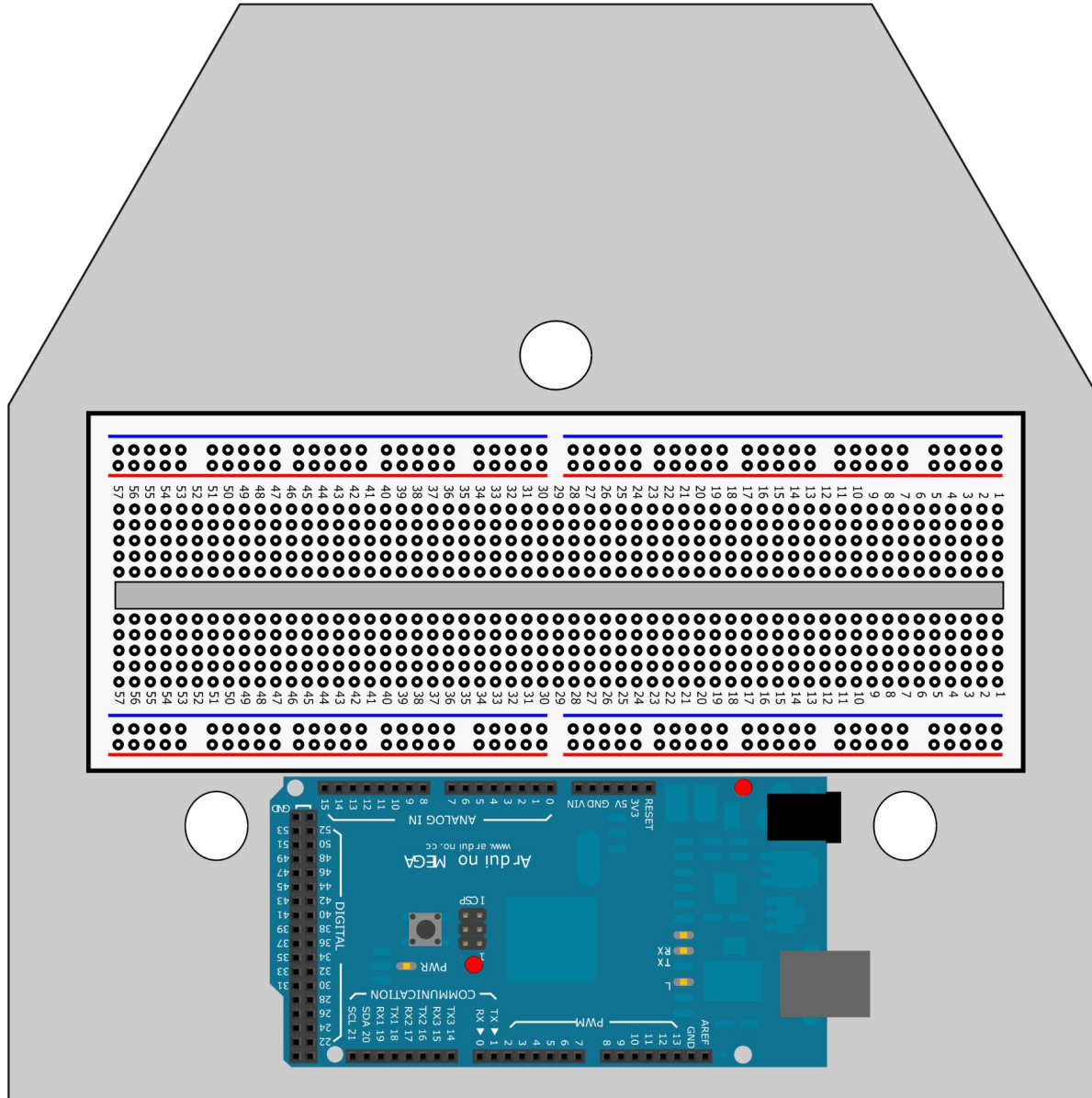


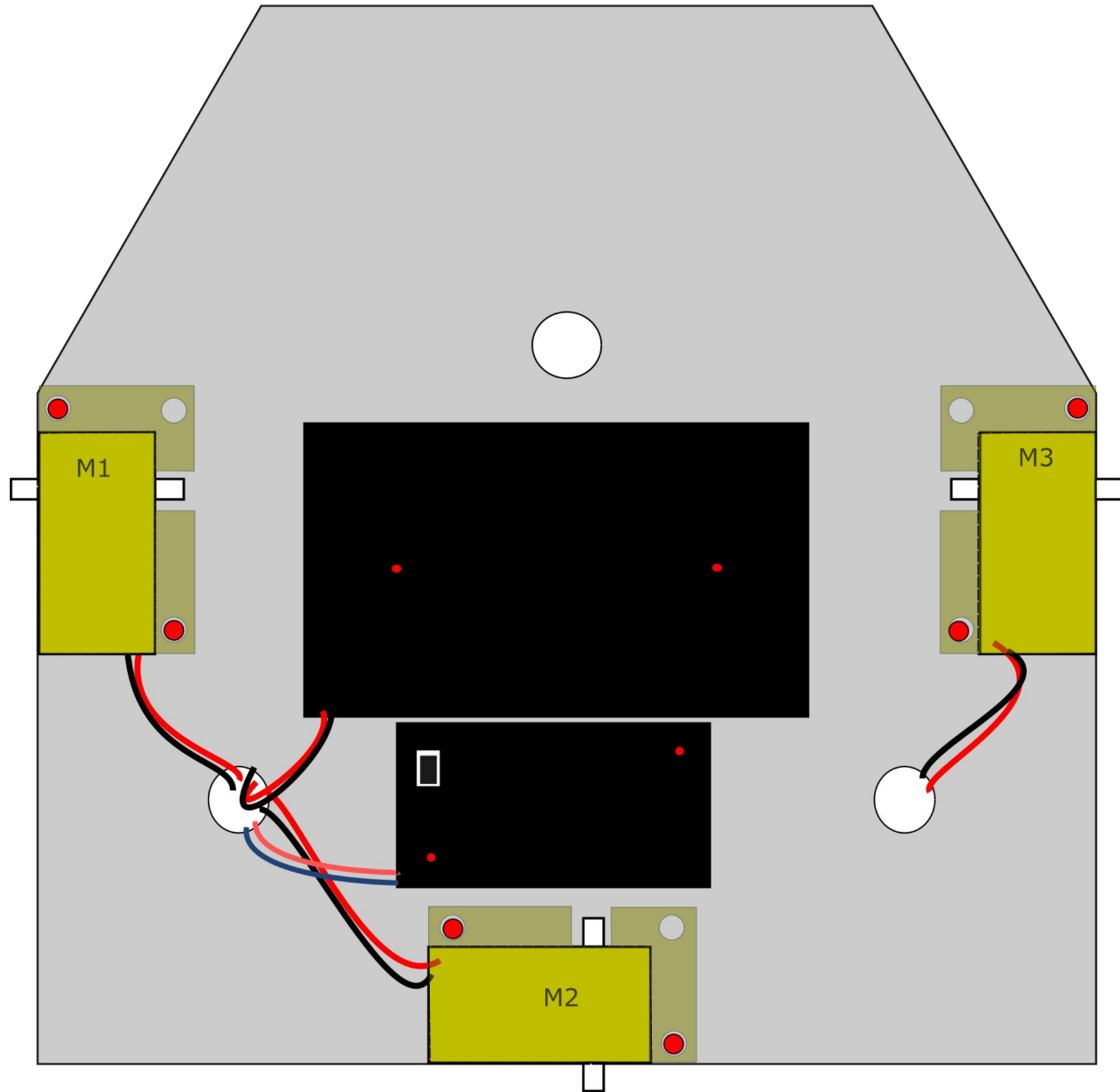
# BreadBoardBot

Layout and wiring, 2023

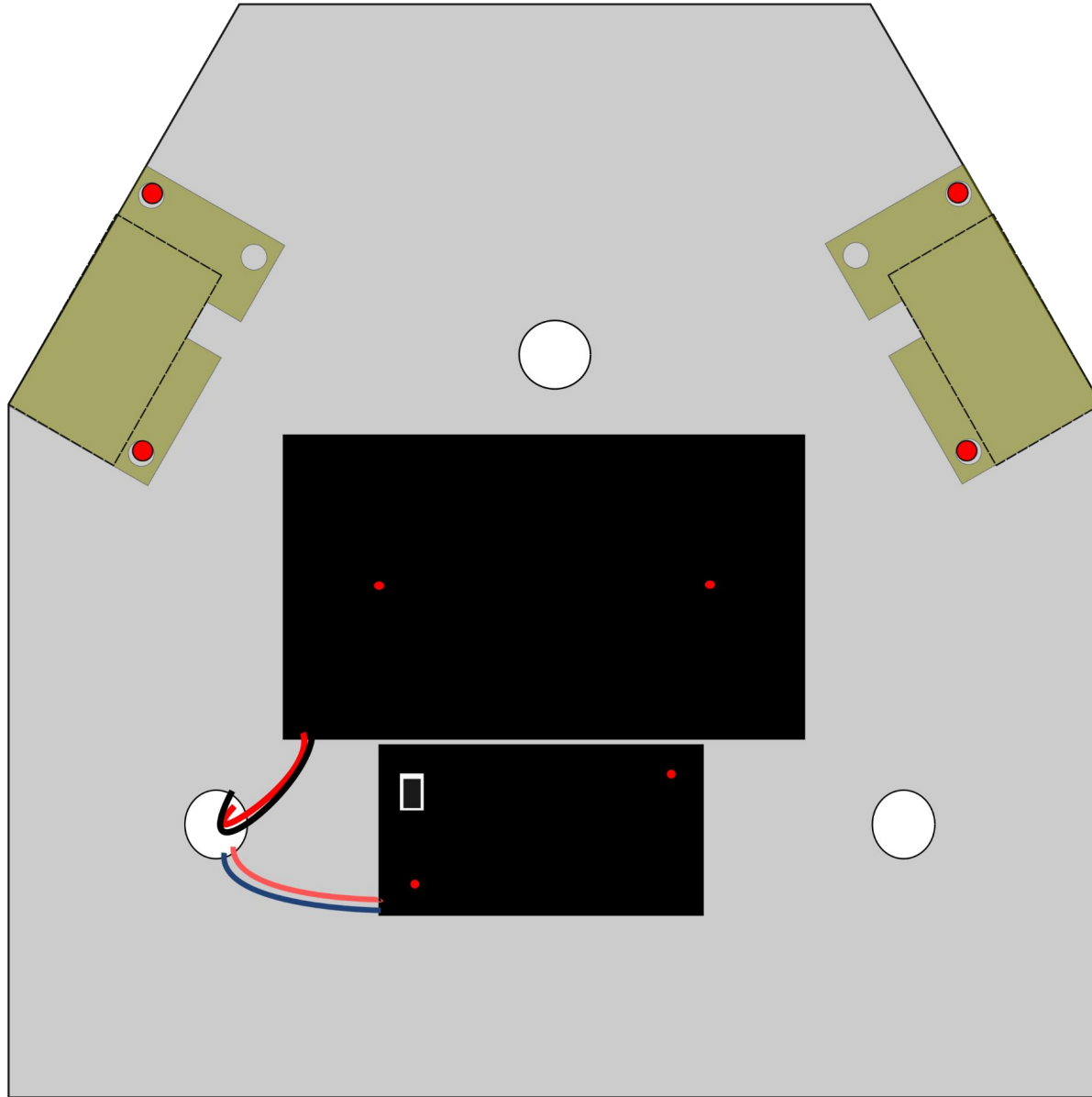
# B3 Top Layout: 3 large holes, 2 medium holes



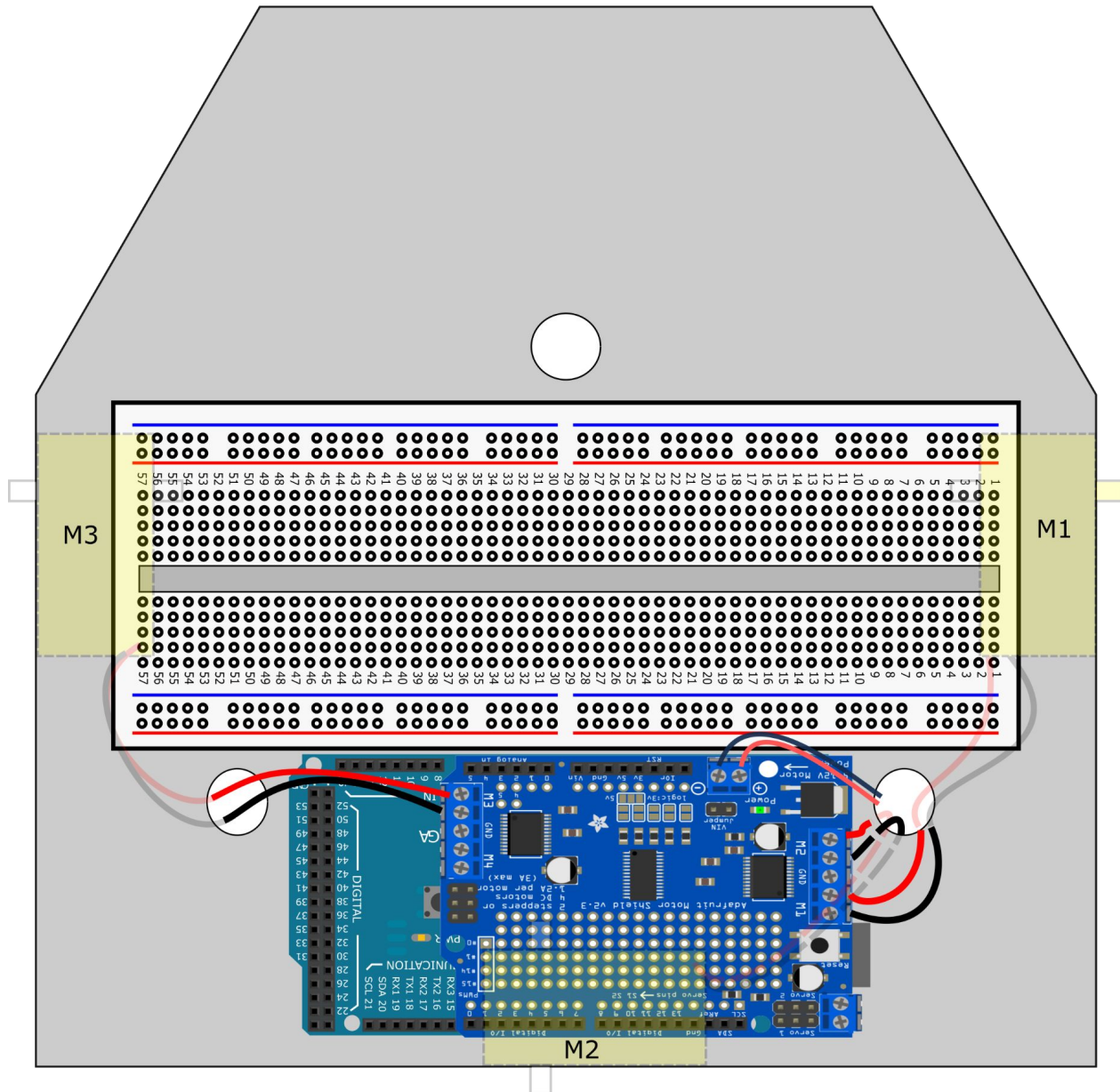
# B3 Bottom Layout 1: 6 medium holes, 4 small holes



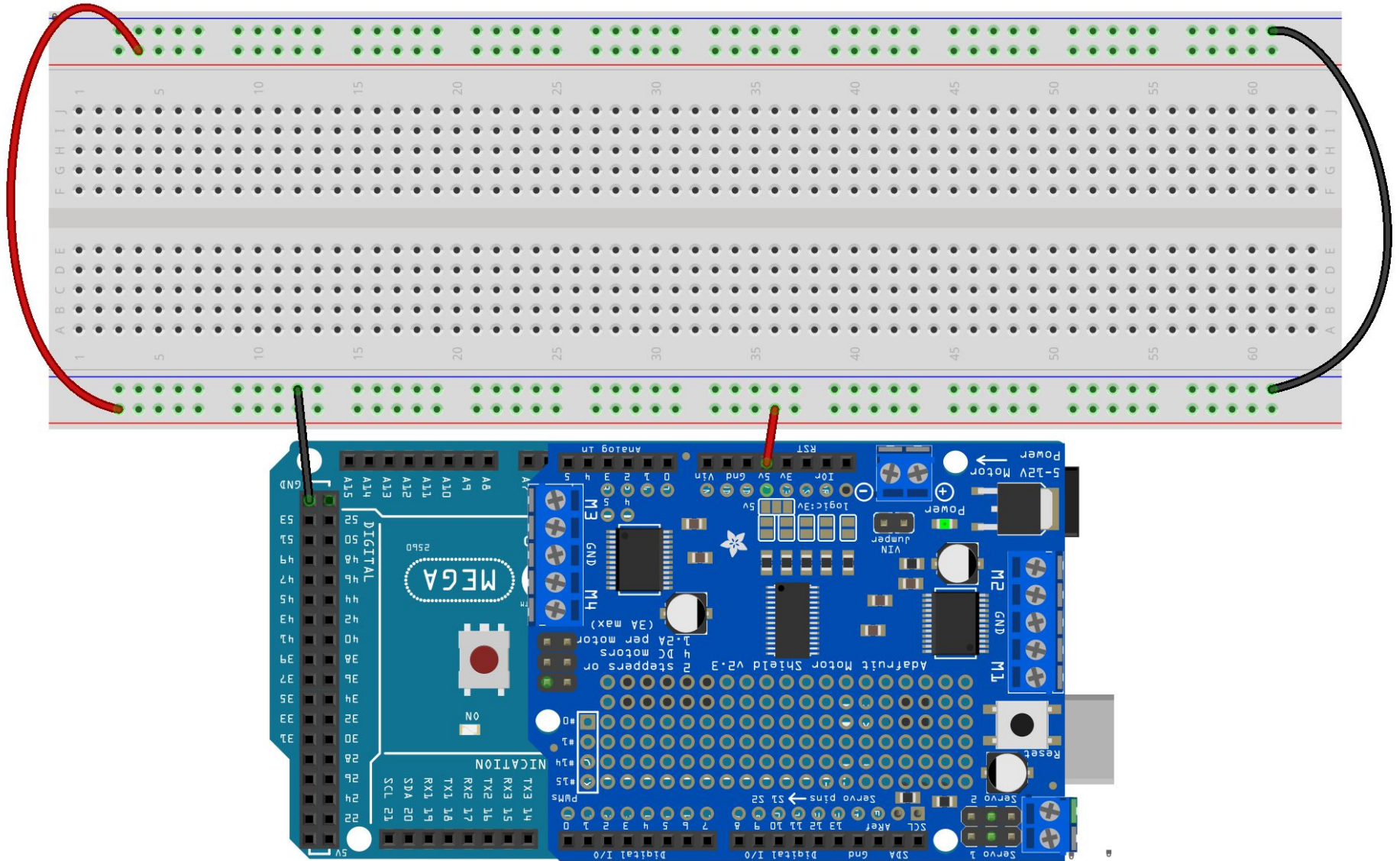
## B3 Bottom Layout 2: 4 more medium holes



# B3 Top View: Attach motors and batteries on bottom first

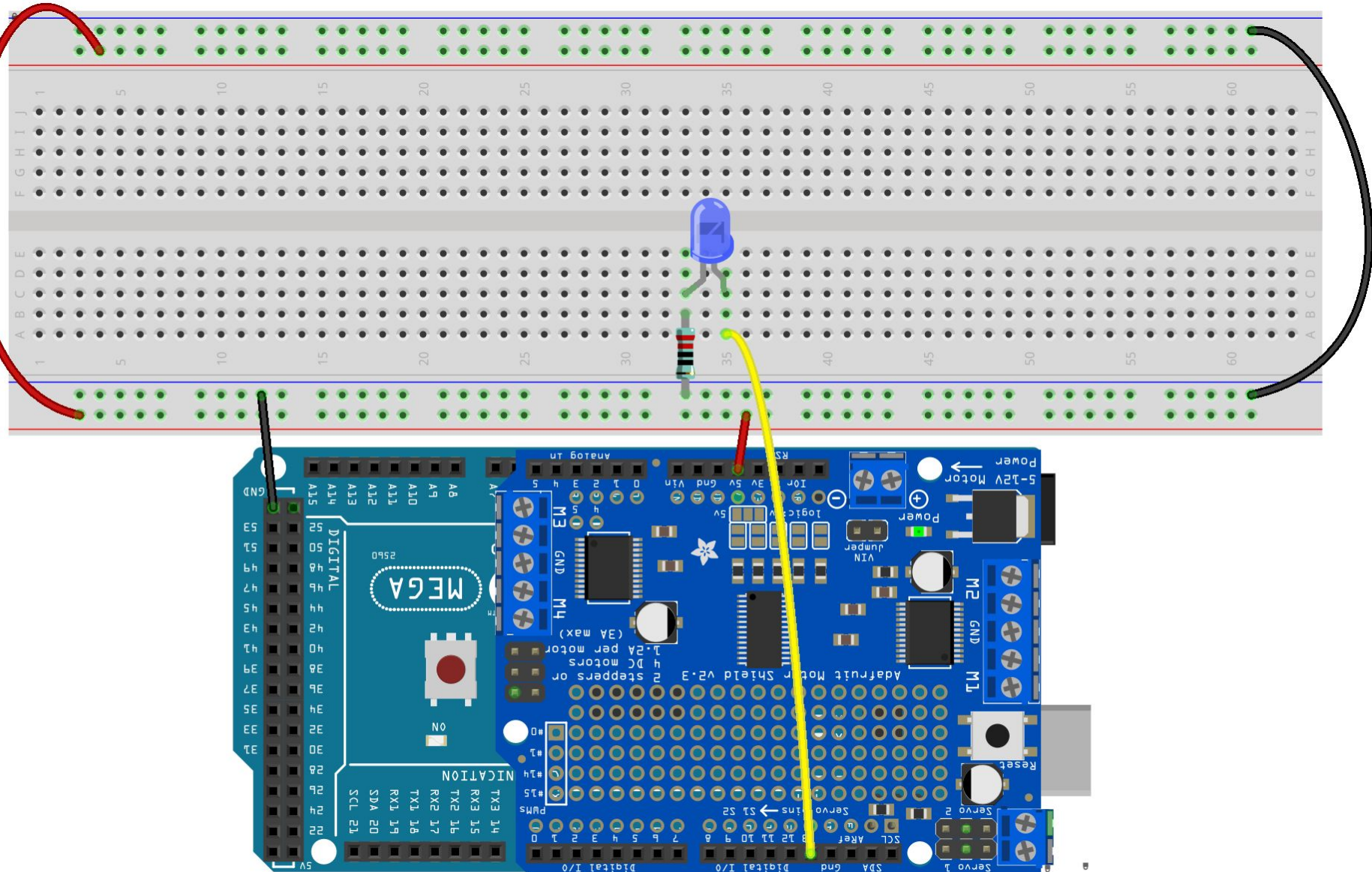


# B3 Power and Ground Circuits

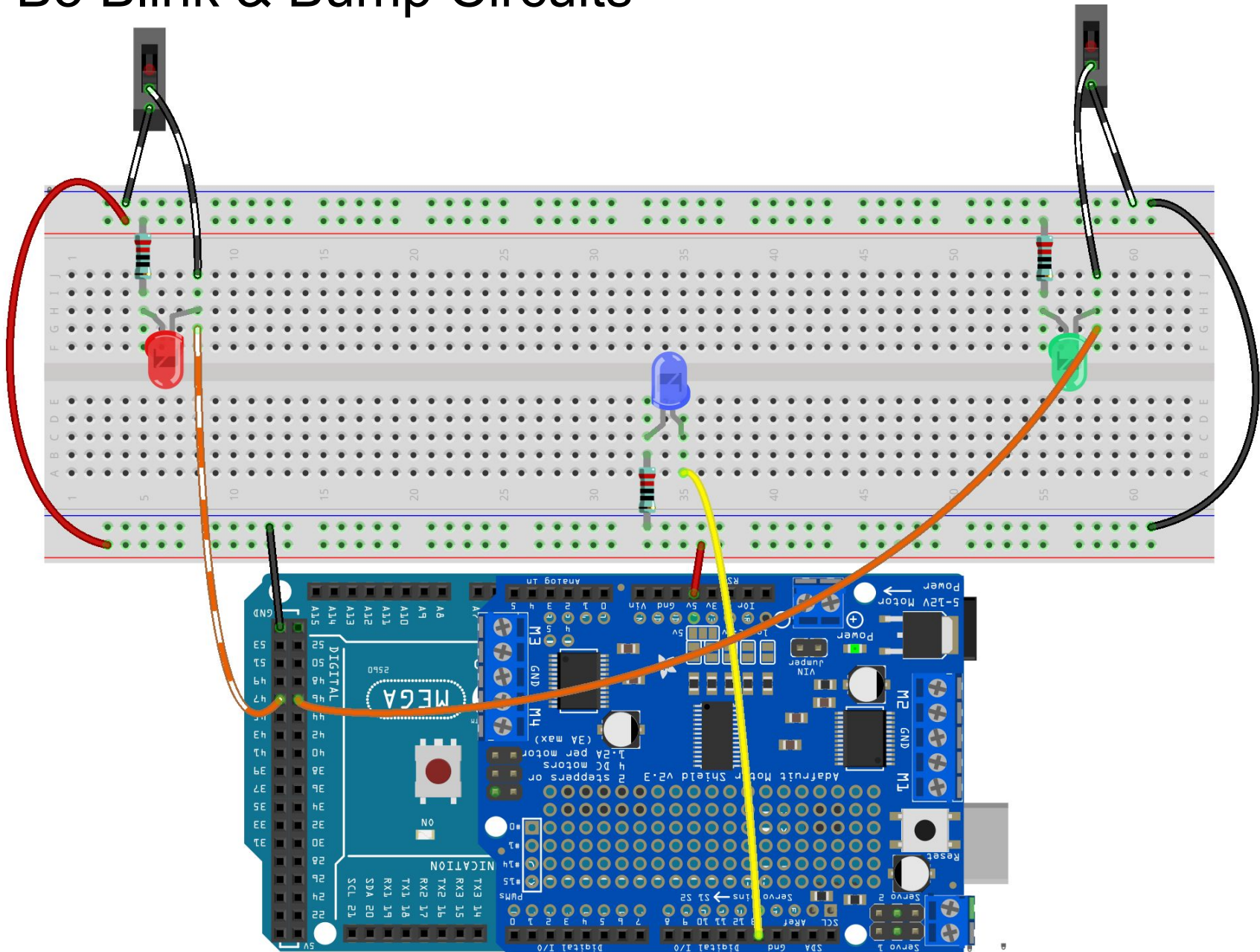




# B3 Blink Circuits

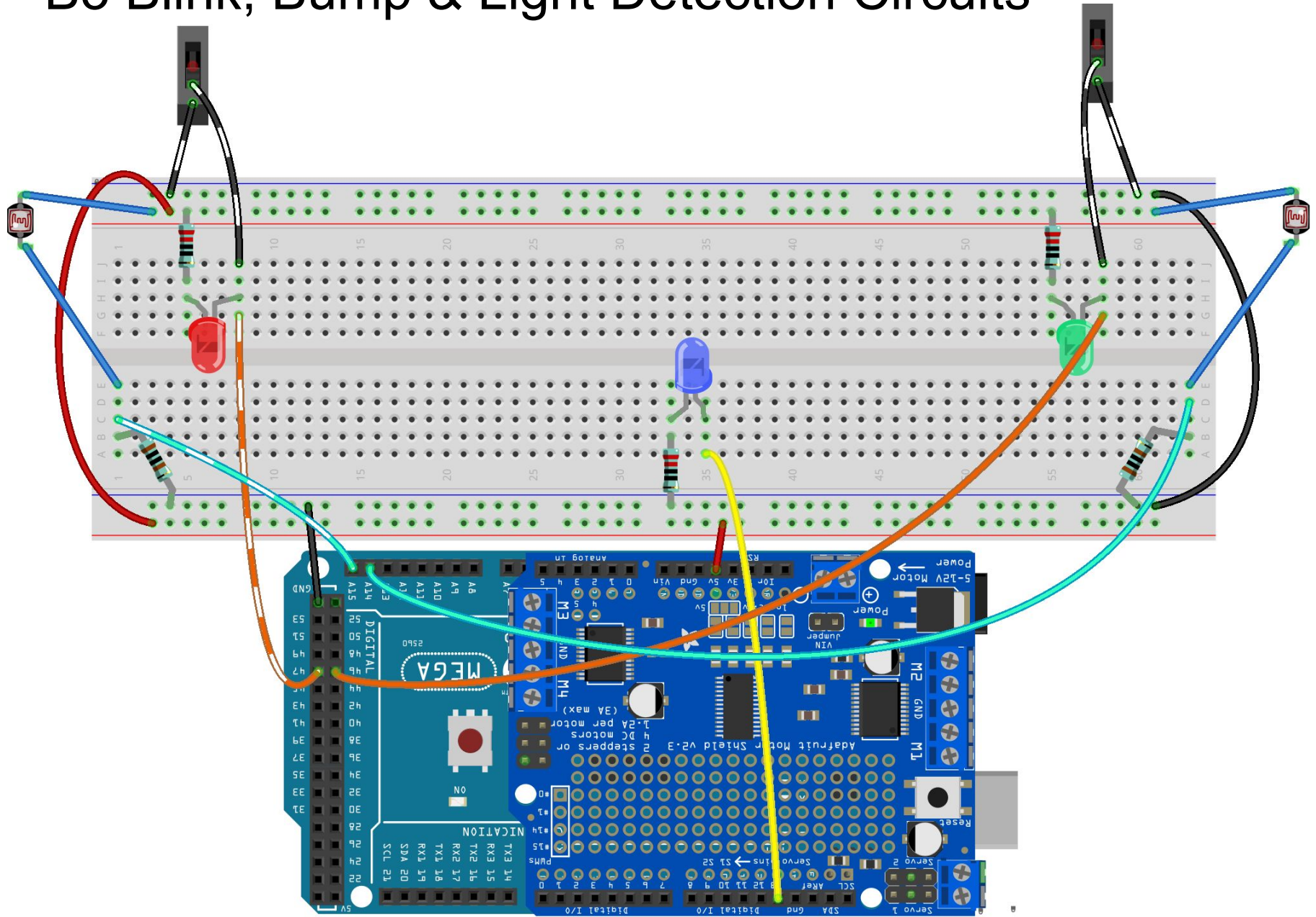


# B3 Blink & Bump Circuits



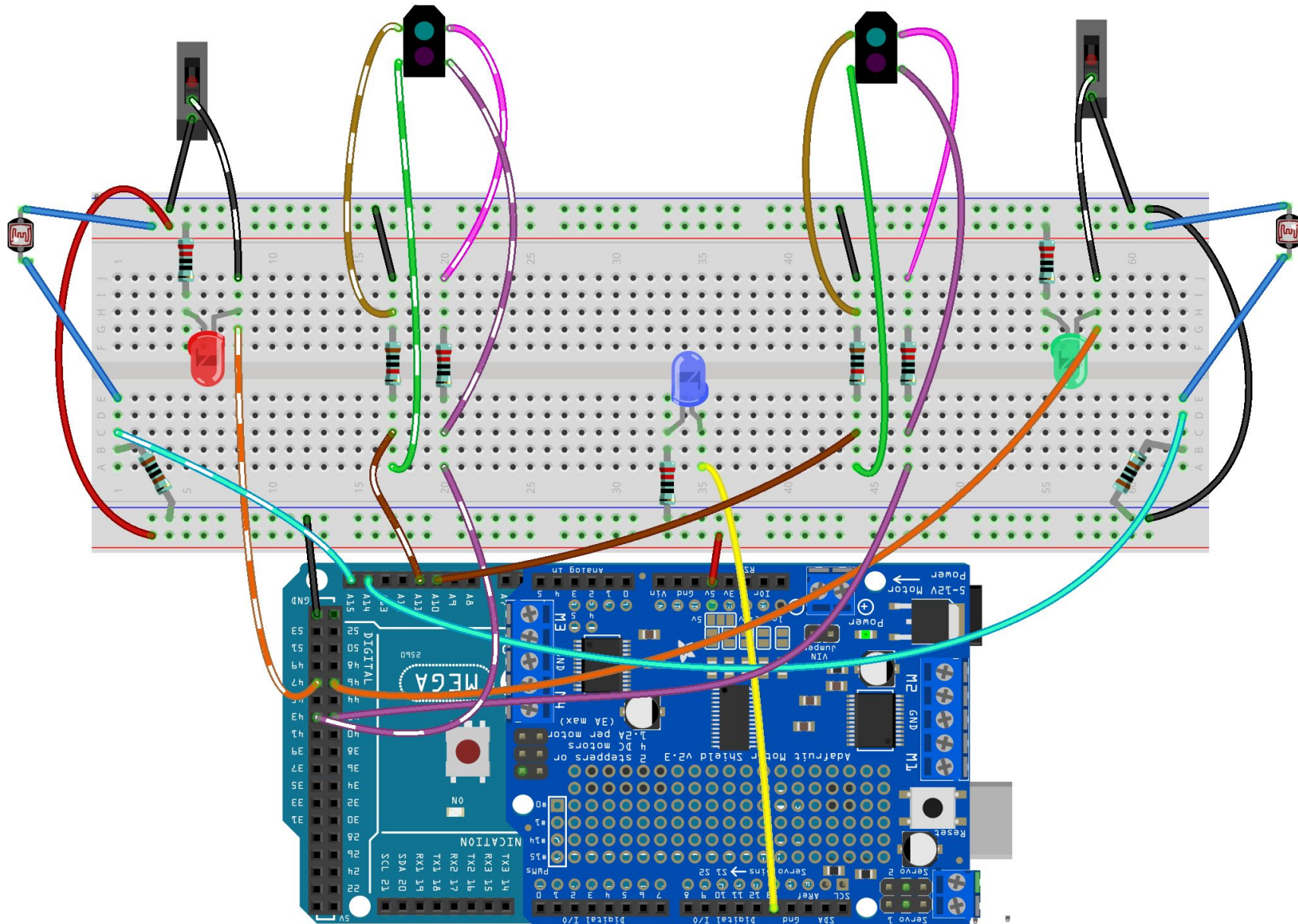


# B3 Blink, Bump & Light Detection Circuits



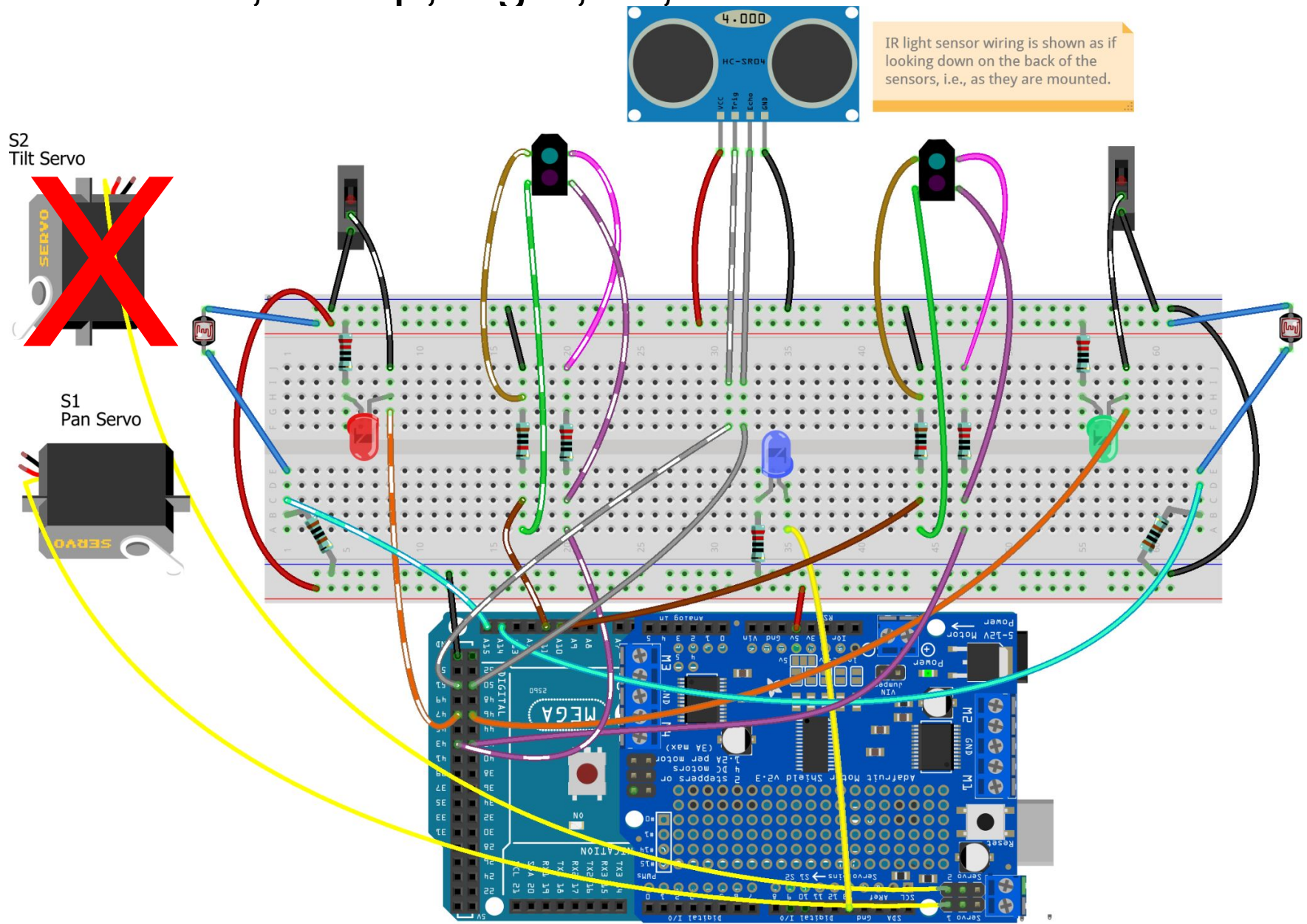
# B3 Blink, Bump, Light & IR Circuits

IR light sensor wiring is shown as if looking down on the back of the sensors, i.e., as they are mounted.





# B3 Blink, Bump, Light, IR, Sonic & Servo Circuits



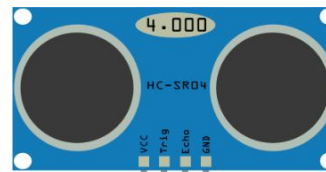
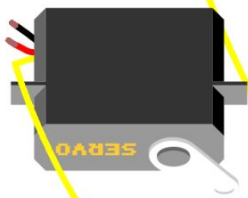
IR light sensor wiring is shown as if looking down on the back of the sensors, i.e., as they are mounted.

# B3 Bonus Circuits

S2  
Tilt Servo



S1  
Pan Servo



IR light sensor wiring is shown as if looking down on the back of the sensors, i.e., as they are mounted.

