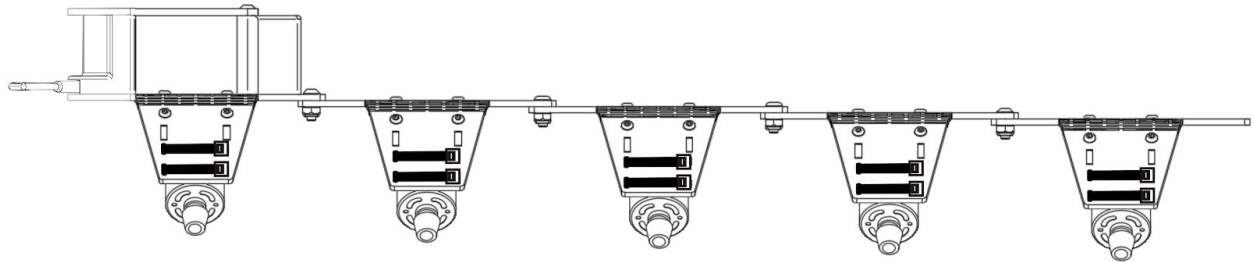
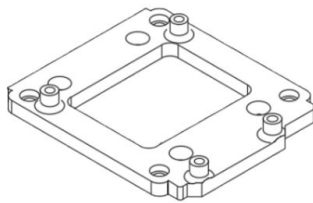


Build Modules

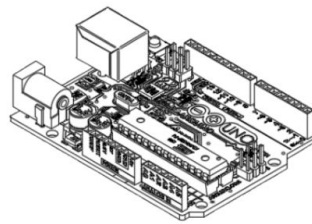
Items required:



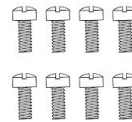
Make-A-Pede Chassis



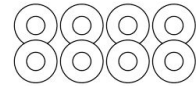
3d Printed Arduino Mounting Plate



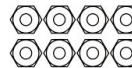
Microcontroller



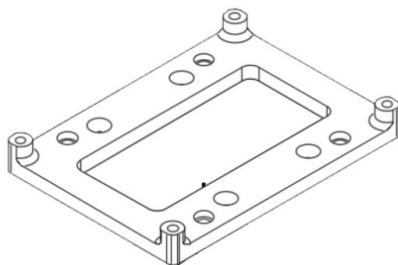
8 Small Fillister Head Screws & 8 Small nuts



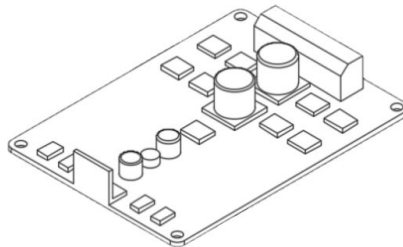
8 Small Washers



8 Small Self-Tapping Screws



3d Printed Motor Driver Mounting Plate

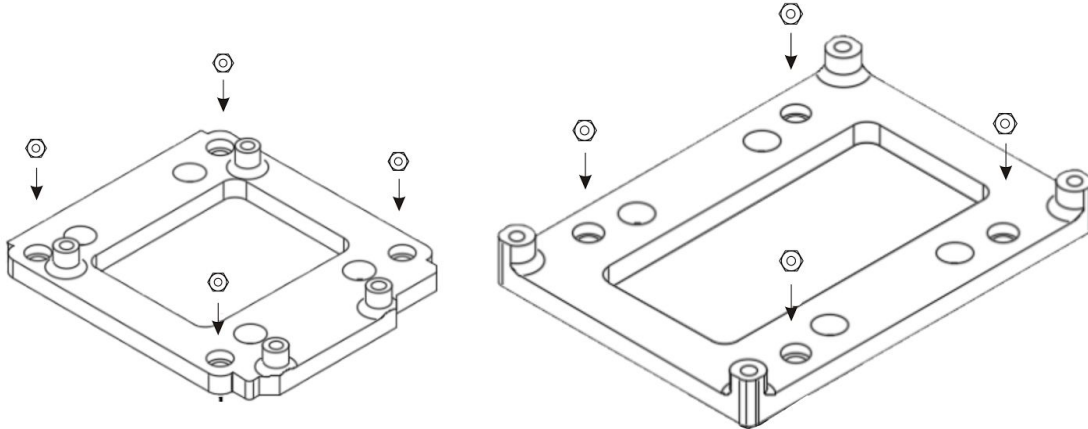


Motor Driver Board

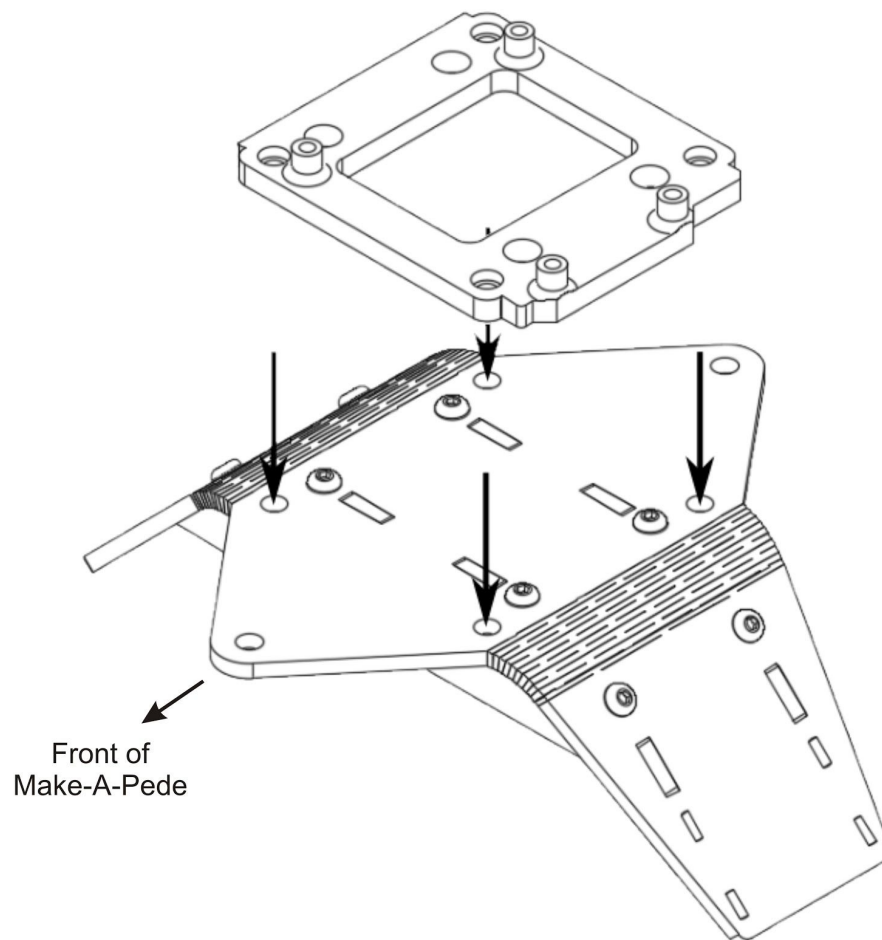


Small Phillips Head Screwdriver

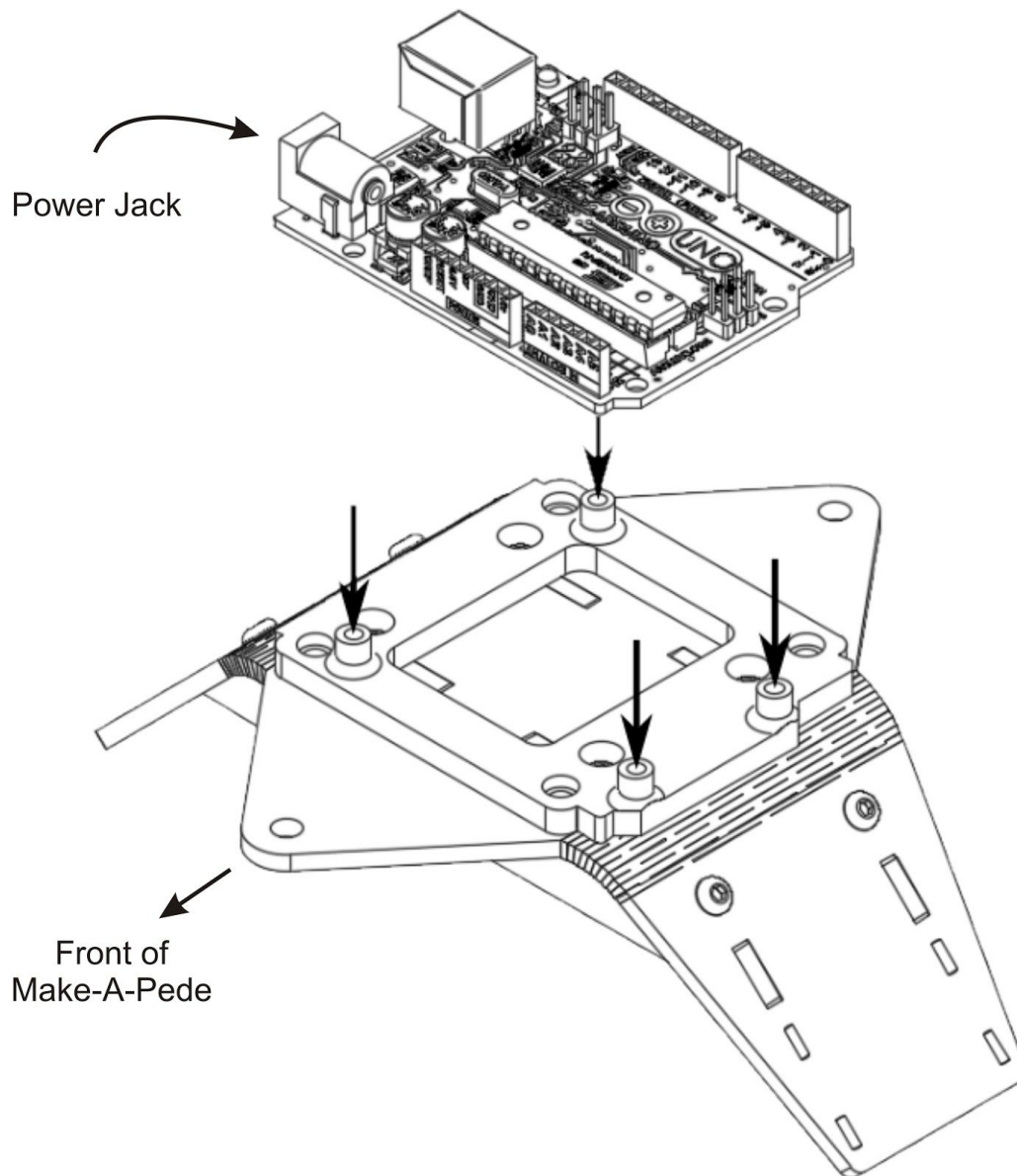
Step 1: Insert the 8 small hex nuts into the hex shaped holes in the two mounting plates.



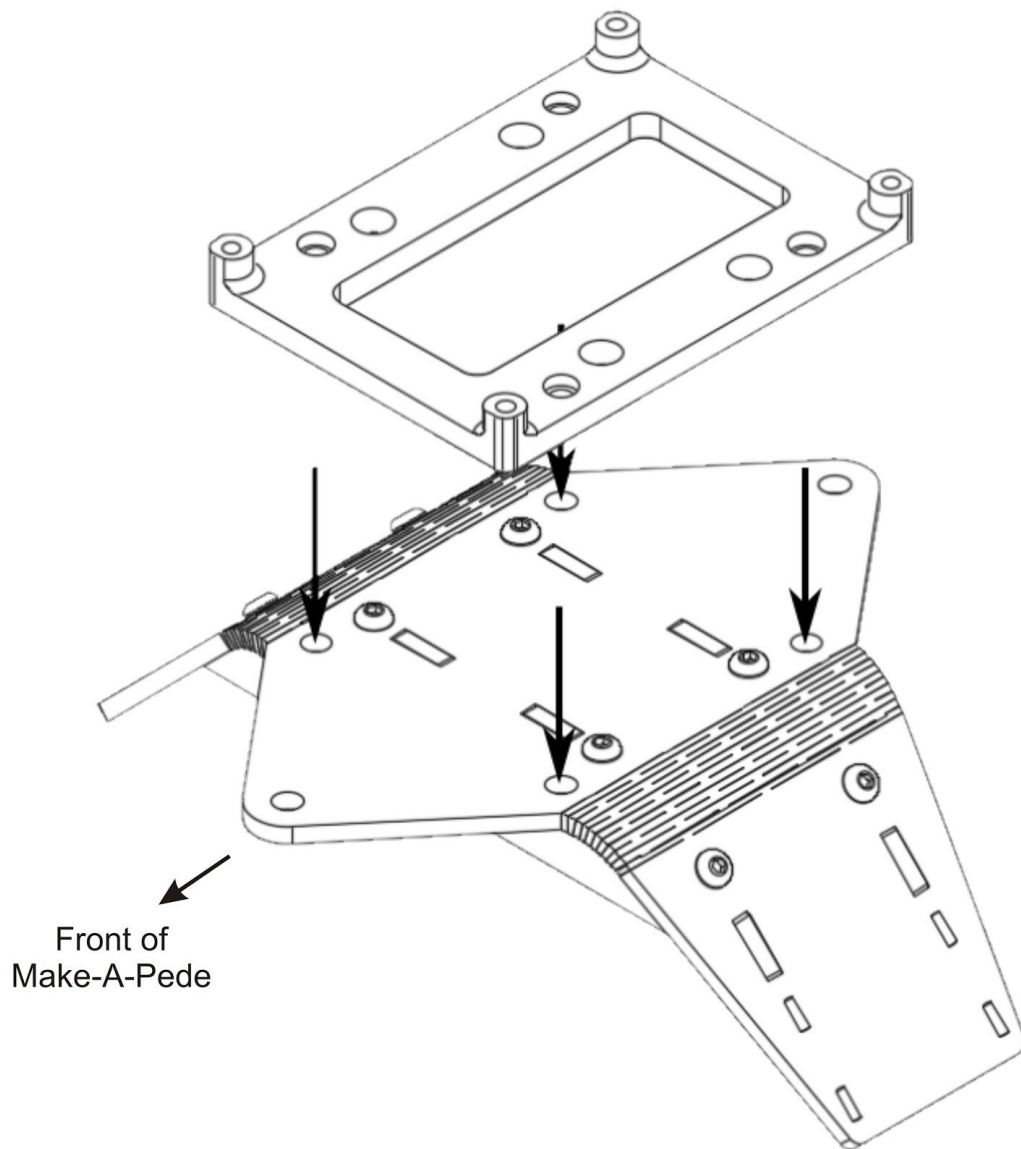
Step 2: Place the 3D printed microcontroller mounting plate on top of segment 2 of the Make-A-Pede chassis in the orientation shown below. Attach it to the segment using the small washers and fillister head screws run up from the bottom.



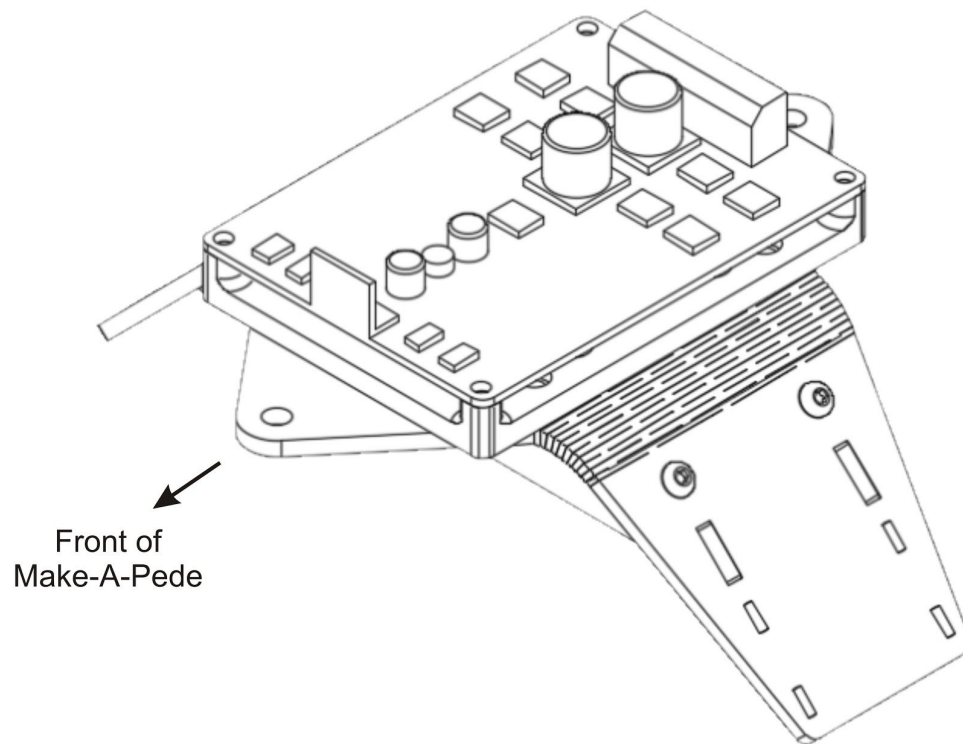
Step 3: Place the microcontroller on the mounting plate in the orientation shown below. Attach it to the mounting plate using the small self-tapping screws.



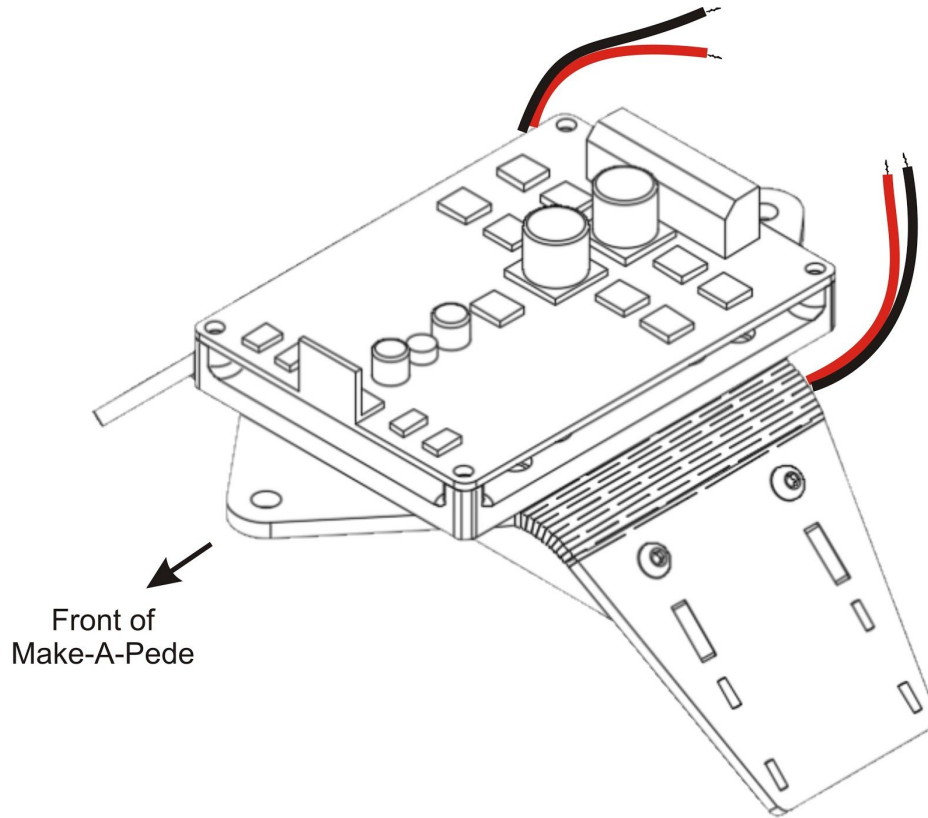
Step 4: Place the 3D printed motor driver mounting plate on top of segment 3 of the Make-A-Pede chassis in the orientation shown below. Attach it to the segment using the small washers and fillister head screws run up from the bottom.



Step 5: Place the motor driver board on the mounting plate in the orientation shown below. Attach it to the mounting plate using the small self-tapping screws.



Step 6: Feed the wires from the wiring harness that go to the motor control up the sides of the robot. Feed the left-side motor wire up to the left side and the right-side motors up to the right side (left and right are determined as if you were riding the Make-A-Pede).



Step 7: Loosen the screw terminals on the motor driver board and insert the 4 wires in as shown below. Tighten the screw terminals until snug.

