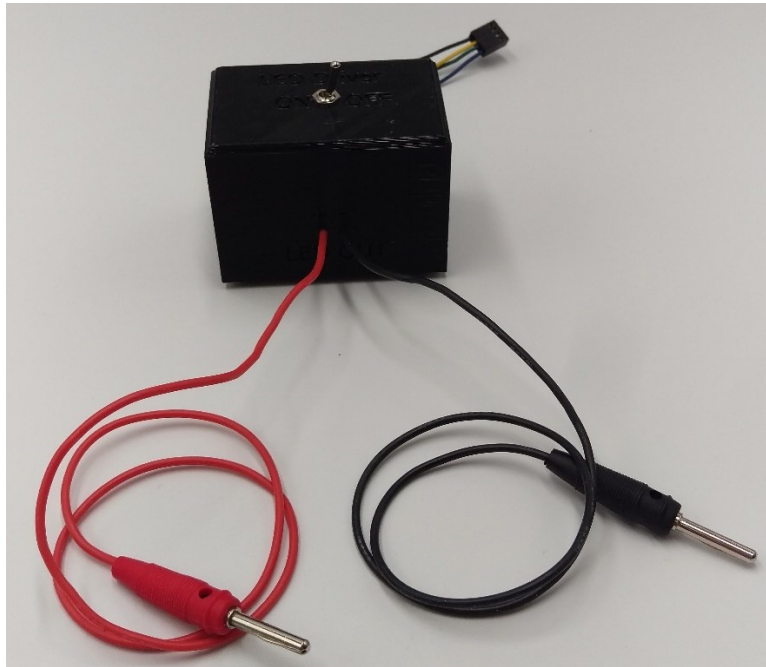


## LED Driver Module

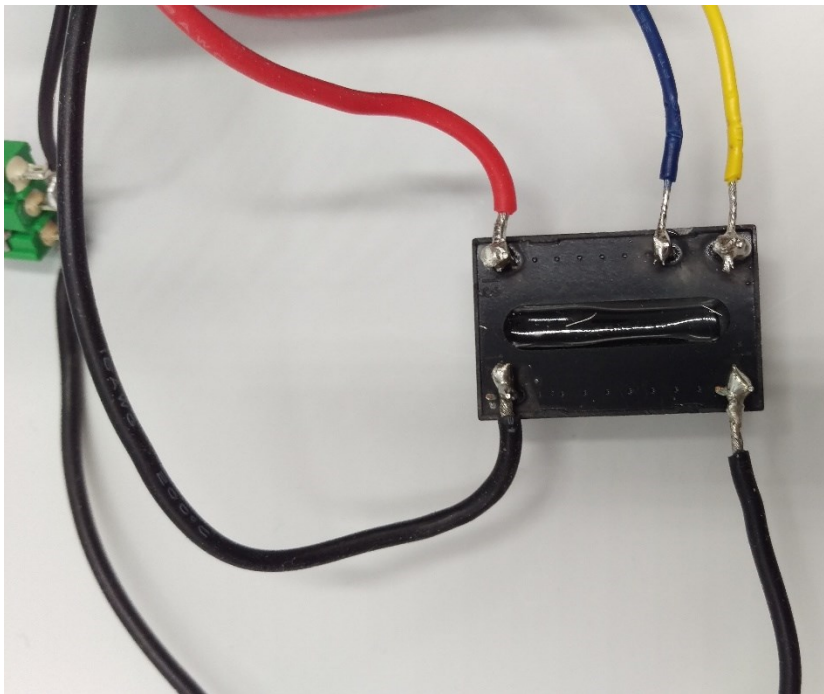


### Parts:

- LED Driver (LDD-L-SPEC-1291586)
- Two position switch
- Silicone wire
- Cable extension PWM 4-Pin Moltex
- Red banana plug
- black banana plug
- 3D printed LED driver case
- 3D printed base plate
- 3D printed LED driver holder
- 4 x 10 mm nylon spacer
- 4 x M3 nylon nuts
- 4 x M3 steel nuts
- 8 x M3 8 mm steel screws

## Assembly Instructions

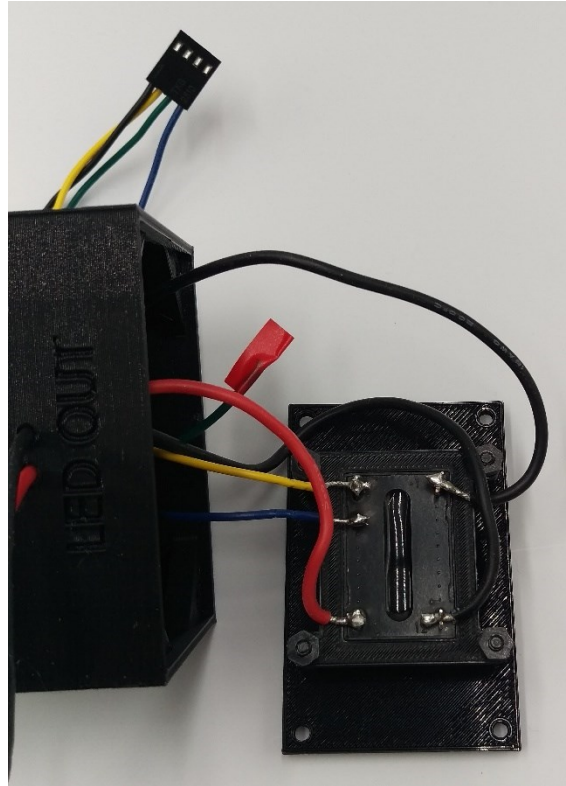
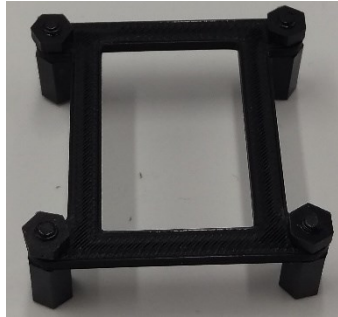
- 1) Connect the banana plugs to the wires and place them inside of the holes (LED out) in the 3D printed case. Cut the Cable extension PWM 4-Pin Moltex cables approximately at half of their length. Take the female side of the Cable extension PWM 4-Pin Moltex and place the 4 Cables in the 4 holes of the 3D printed case.
- 2) Insert the two-position switch between the yellow wire of Cable extension PWM 4-Pin Moltex. Therefore, cut the yellow cable in half and put the switch in between. Connect the two-position switch with  $-V_{IN}$  of the LED driver. Fit the switch at the hole on the top of the 3D printed case. Connect the yellow to  $+V_{IN}$  and the blue wire to PWM. Connect the black and red wires of the



O $+V_{OUT}$	O PWM	O $+V_{IN}$
O $-V_{OUT}$		O $-V_{IN}$

LED out connectors to  $-V_{OUT}$  and  $+V_{OUT}$ .

- 3) Fix the nylon spacers to the LED Driver holder using the nylon nuts. Fix this assembly to the base plate using 4 M3 8 mm screws. Push the LED driver gently into the holder until you feel a resistance.



- 4) Use a long M3 screw to fix the M3 steel nuts in the 3D printed case. Therefore, put the long screw through the base plate fixing hole on the bottom corners of the 3D printed case. Then screw the M3 nut onto the screw and pull the nut into the fixing hole using the screw. When the nut is in place, unscrew the screw (to fix the nut a drop of superglue can be used). Afterwards, fix the base plate to the case using 4 M3 8 mm steel screws.

