





LED Dimmer for 2020 Aluminum Extrusion

This PCB can be mount on 2020 aluminum extrusion and adjust 12V LED strip brightness

 Difficulty **Medium**

 Duration **1 hour(s)**

 Categories **Electronics, Energy, House, Machines & Tools, Play & Hobbies**

 Cost **4 USD (\$)**

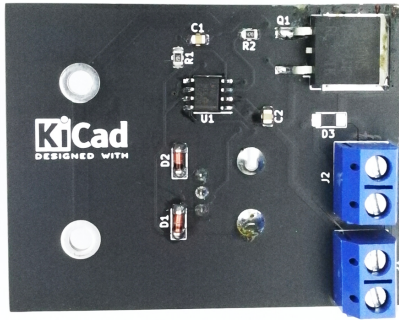
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Introduction

I love working with 2020 aluminum extrusion and designing CNC, 3D Printer, Plotter etc. And always I need light source to see on my work. I've prepare a PWM LED controller PCB with NE555 timer IC and IRF540 MosFET transistor to use with 12V LED Strip.

gerber file



Materials

NE555D SOIC SMD 1pcs
IRF540S 1pcs
LL4148 2pcs
10nF0805 1pcs
100nF0805 1pcs
1K0805 1pcs
47R 0805 1pcs
50K-100K Potentiometer 1pcs
2020 Tnut & Screw 2set
2pin Terminal Block 2pcs

Tools

Soldering Iron



Step 1 -
