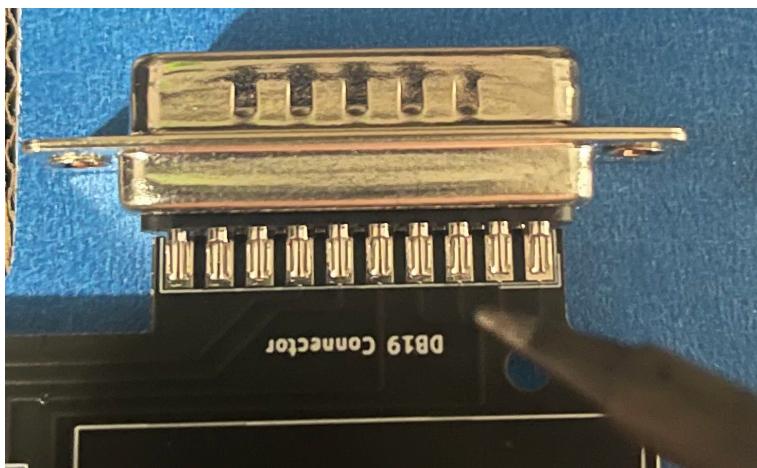
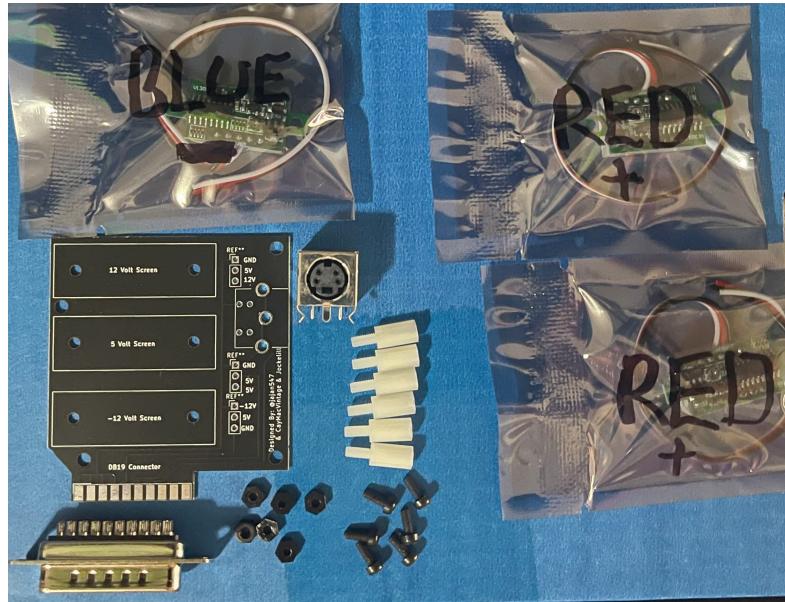


## Mac-O-Meter DIY Kit Assembly Instructions

### 1. Make Sure Your Kit Came With The Following:

- Six Standoffs
- Six Screws
- Six Nuts
- Mac-O-Meter Logic Board
- One DB19 Connector (May Be Metal or 3D Printed)
- One S-Video/DIN-4 Connector
- One Blue Screen For Negative Voltage (-12 Volt)
- Two Red Screens For Positive Voltages (+5 Volt and +12 Volt)



### 2. Solder On The DB19 Connector

Be sure to line up the DB19 so it sits flush.

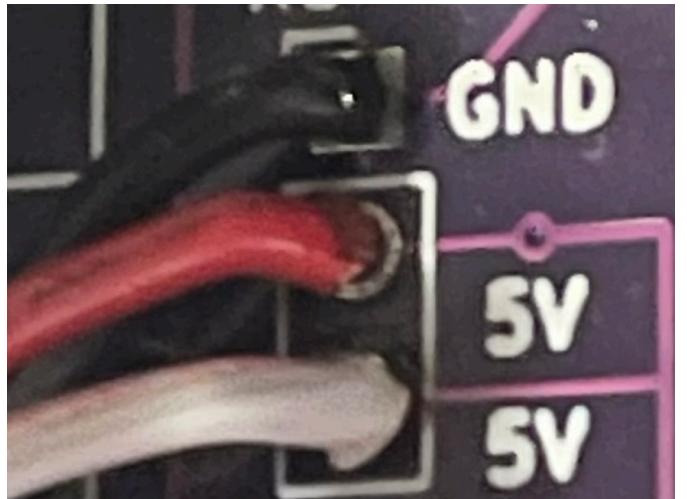
### 3. Solder The First Screen To The Board “-12 Volts”

This first screen should be the single blue screen. This screen is the bottom-most screen and sits closest to the DB19 connector. It's important you use the blue screen for this area as it represents the -12 volt area. Solder the wires so that black goes to "GND", red goes to "-12V", and white goes to "5V" as seen below.



#### **4. Solder The Second Screen To The Board “+5 Volts”**

This second screen should be a red screen. this screen is the middle screen. It's important you use the red screen for this area as it represents the +5 volt area. Solder the wires so that black goes to “GND”, red goes to “+5V”, and white goes to “+5V” as seen below.

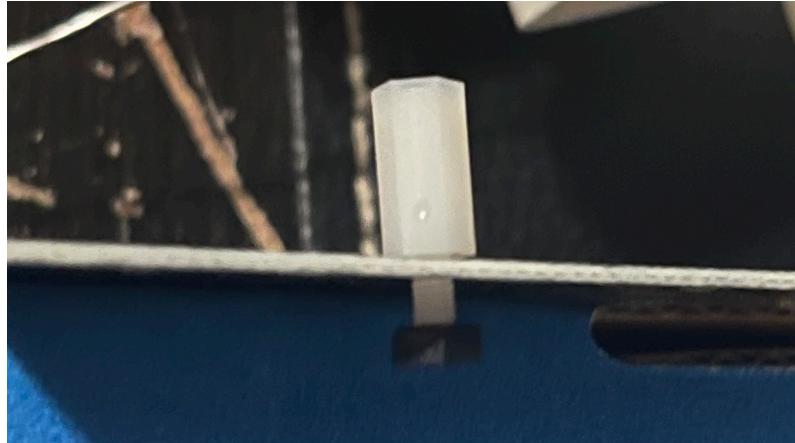


#### **5. Solder The Third Screen To The Board “+12 Volts”**

This third screen should be a red screen. this screen is the top-most screen. It's important you use the red screen for this area as it represents the +12 volt area. Solder the wires so that black goes to “GND”, red goes to “+5V”, and white goes to “+12V” as seen below.

#### **6. Connect Posts**

The posts should stick out on top and a tapered post should stick out of the bottom, thread the nuts onto these posts. Each screen area should have a spot for two of these posts.

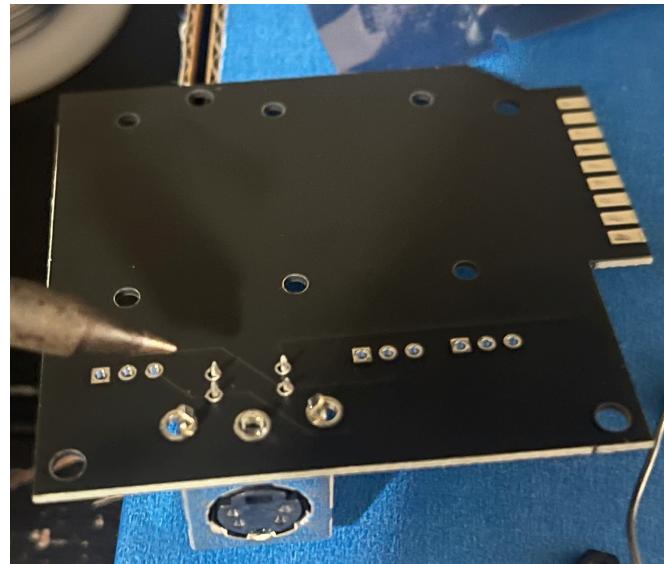




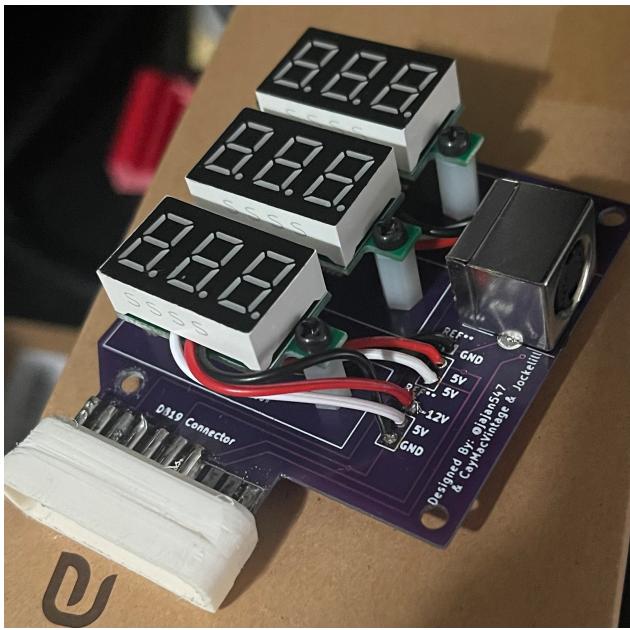
## 7. Screw Screens To Posts

Be sure to line the screens up as best you can sometimes they can be slightly misaligned.

## 8. Solder S-Video/Din-4 Connector To Board



9. Congratulations You've Built Your Very Own Mac-O-Meter!



## Further:

If you wish to print a case for the Mac-O-Meter the download link for the .stl files will be included in the listing on our KoFi Store. This is free to download and use as much as you'd like or if you like you can use a 3D print service such as JLCPCB's Print Service. You can also leave the device as is with no case as that is entirely up to you. If you do however choose to use a case make sure you pick up four #6 1/2.in Wood Screws. These can be found at places like Home Depot or Lowes Home Improvement.



We want to lastly say thank you for using and buying this device it means a lot to us and was developed by three people who include Jake (@jajan547), Will (@CayMac Vintage), and Joakim (@Jockelill).

Download Case:  
[https://github.com/CayMac-Team/Mac-O-Meter\\_v1](https://github.com/CayMac-Team/Mac-O-Meter_v1)