- 8HP Eurorack Module
- Designed in E.U.



Thank You for purchasing a Shakmat DIY Kit!

We spare no effort in our packaging process to prevent any mistakes or missing parts. In this document as well, we tried our best to describe the assembly process in the most practical and comprehensive way. Therefore, we strongly advised you to follow the steps as described in this guide:)

If by any chance there is a missing or damaged part in your kit, feel free to contact us at shakmat.com/support

- Building Guide
- Shakmat Archer's Rig

Content

Pack 1

- 3x 8 pin female headers
- 3x 8 pin male headers
- 1x 2x8 pin power header
- 3x Tactile switches
- 4x Metal potentimeters
- 9x Jack mono

Pack 2

- 6x Amber LED
- 1x Amber LED push button
- 2x White LED push button
- 1x Green LED push button
- 9x Jack nuts
- 4x Potentiometer nuts
- 2x M3 metal screw
- 1x 7 segments display
- 3x Tactile switche caps

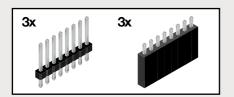
Pack 3

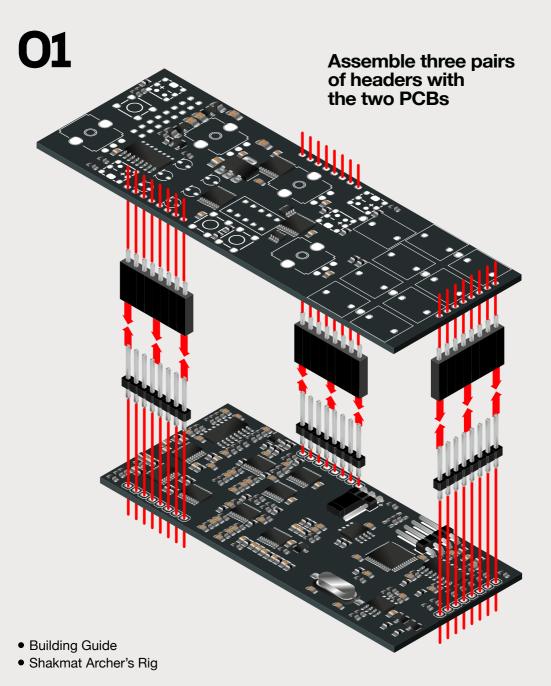
- 1x Top PCB
- 1x Bottom PCB
- 1x Front panel

Loose parts

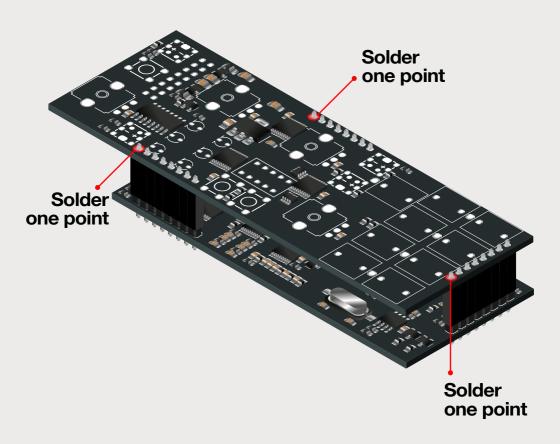
- 1x 16x16 power cable
- 4x Potentiometer caps
- 1x User manual

• Shakmat Archer's Rig





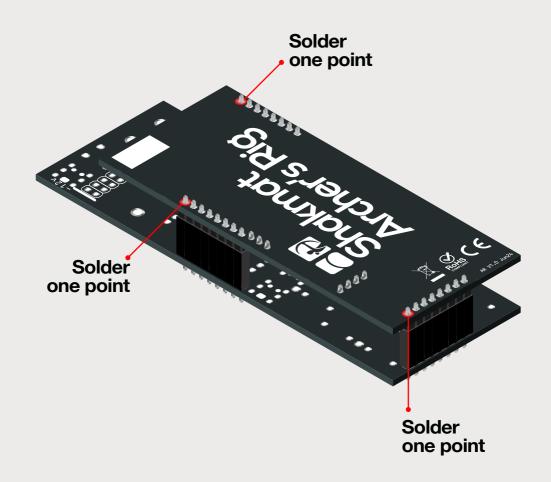
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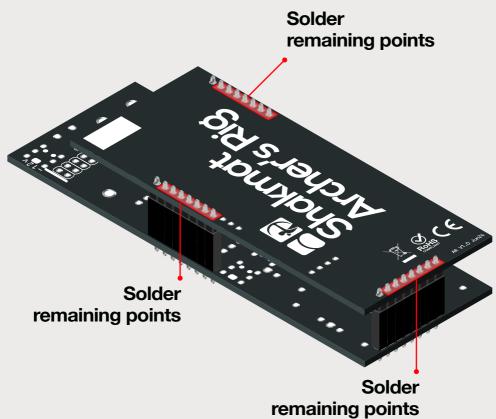
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Check PCBs parallelism!





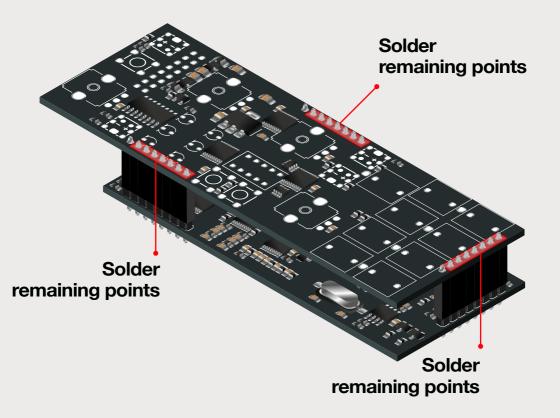
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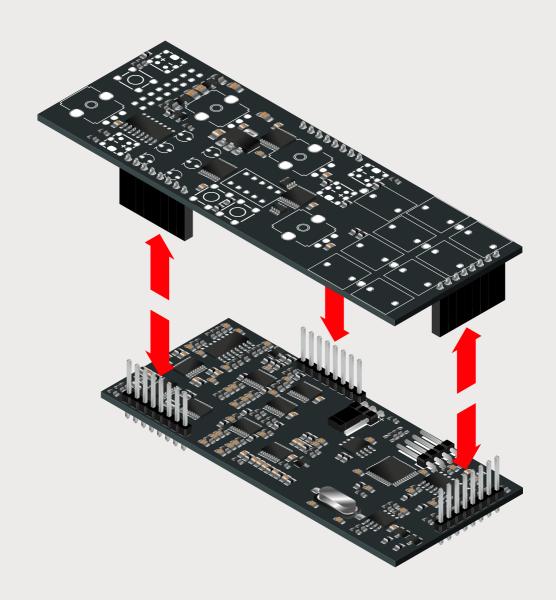
remaining points

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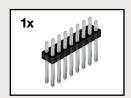


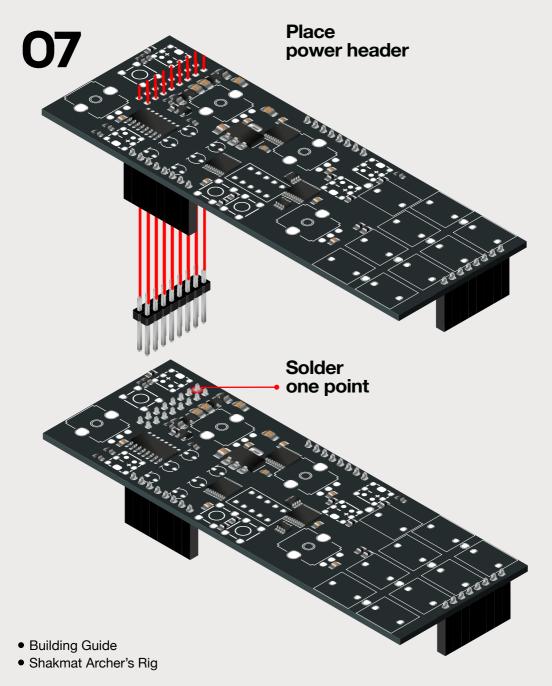


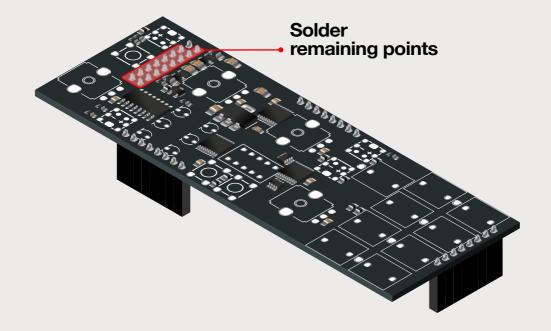
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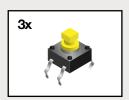
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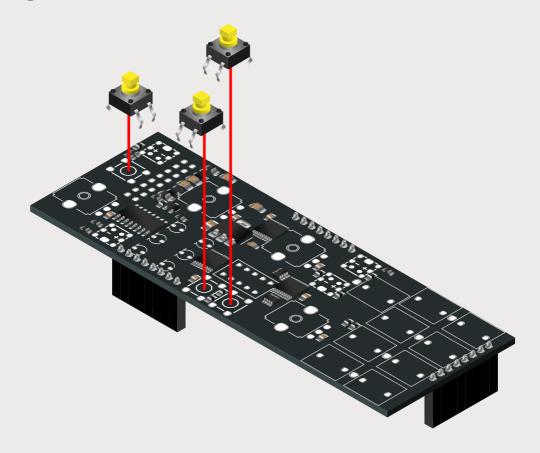




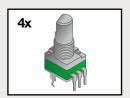
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Place 3 switches but do not solder!

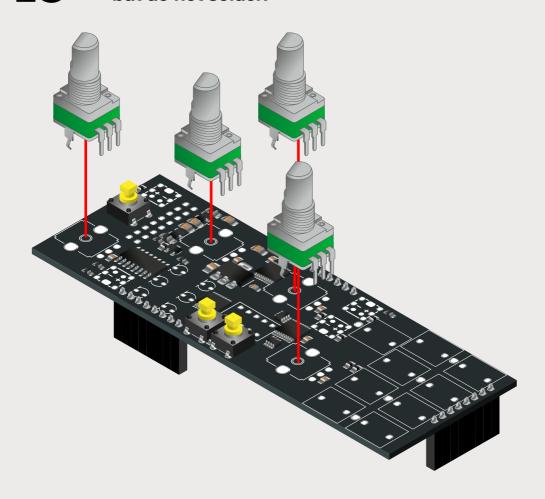


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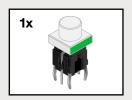


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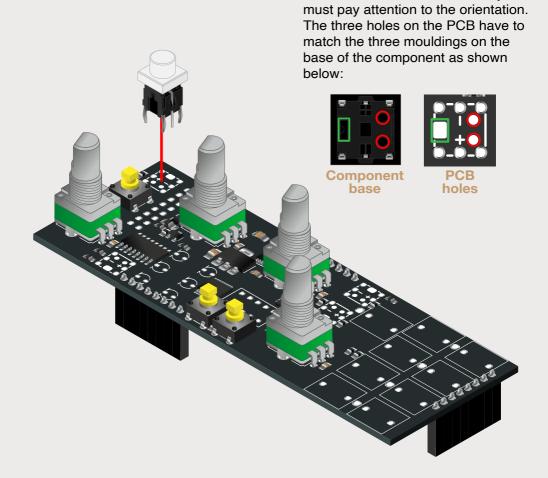
Place 4 potentiometers but do not solder!



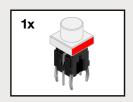
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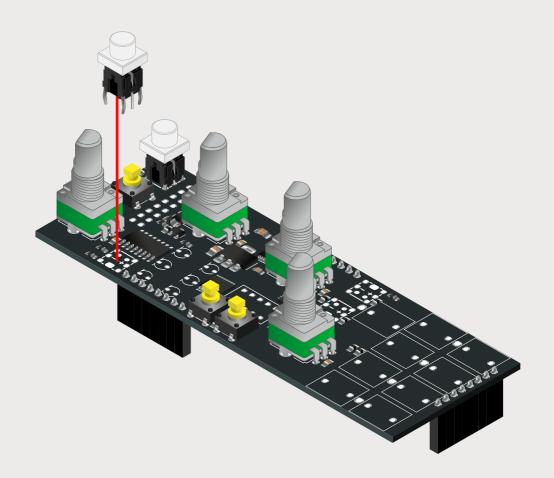
Place 1 green LED push button but do not solder! As the buttons embed an LED, you



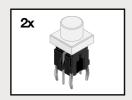
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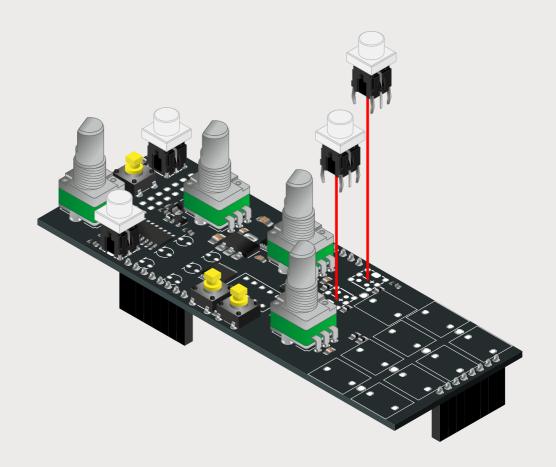
Place 1 amber LED push button but do not solder!



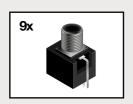
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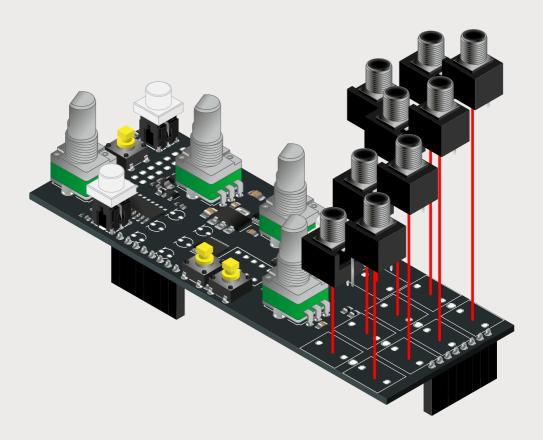
Place 2 white LED push button but do not solder!



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Place 9 jack
but do not solder!
First & second row share holes
for one of their pin.

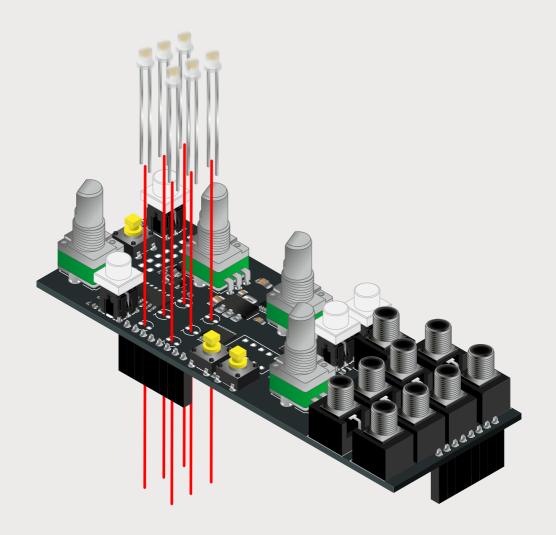


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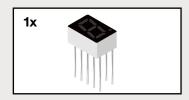




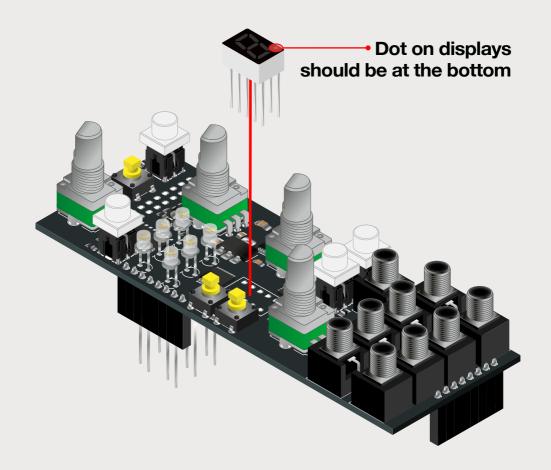
Place 6 amber LED but do not solder!



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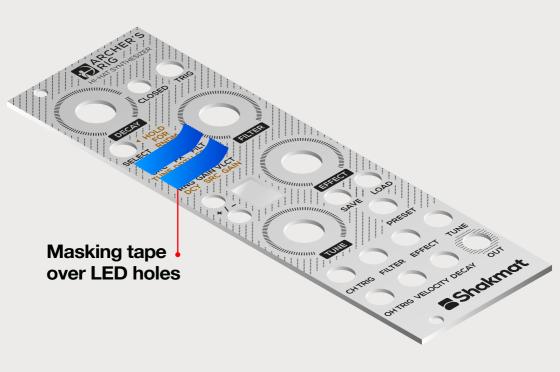
Place the 7 segments display but do not solder!



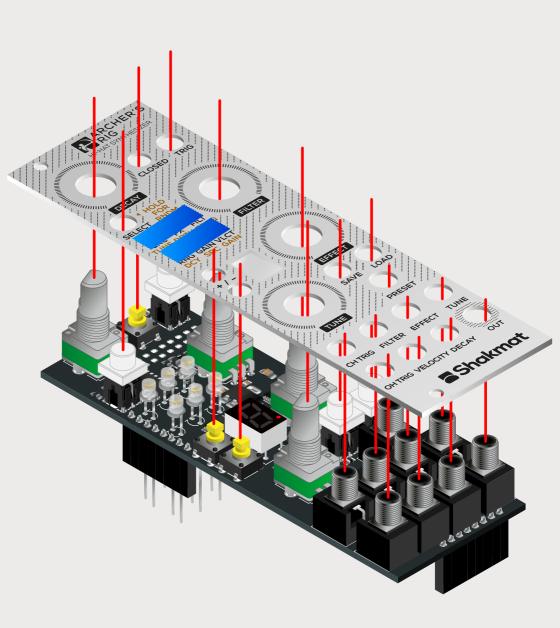
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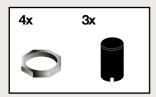
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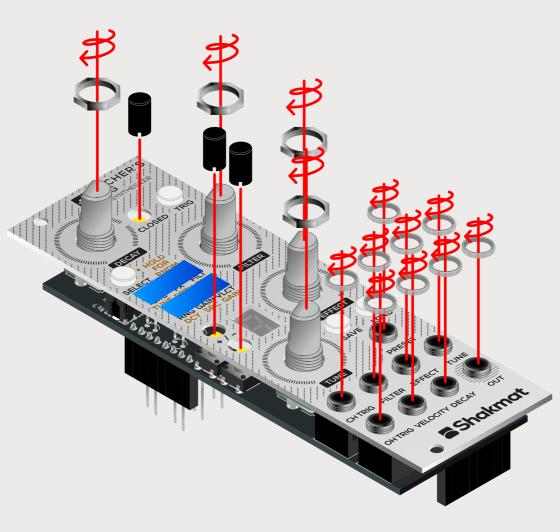
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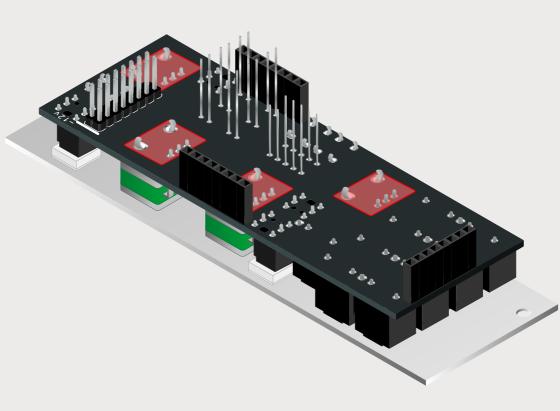


19 Tighten 4 hex nuts & 9 knurled nuts Push down three button caps



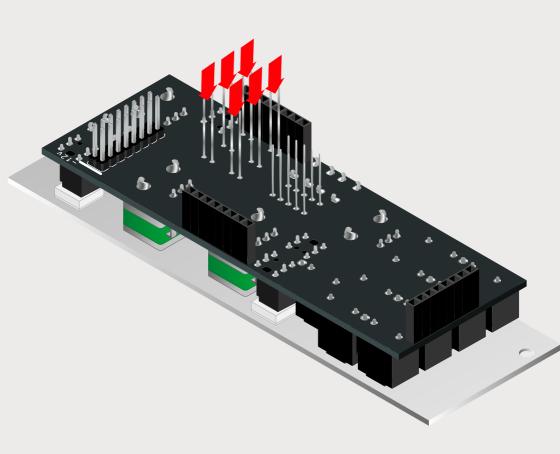
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20 Check that the 4 potentiometers are still well-sited through the PCB, then solder them.



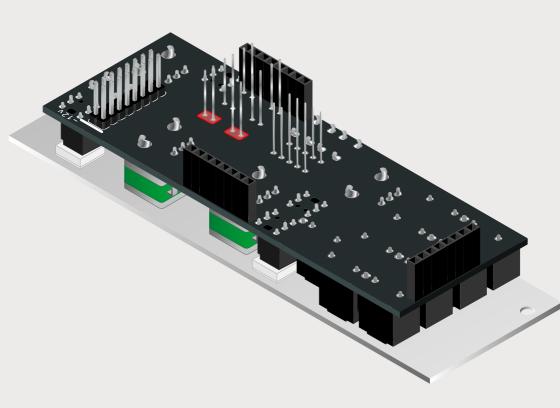
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Push each LED through the front panel until it sticks to the masking tape.



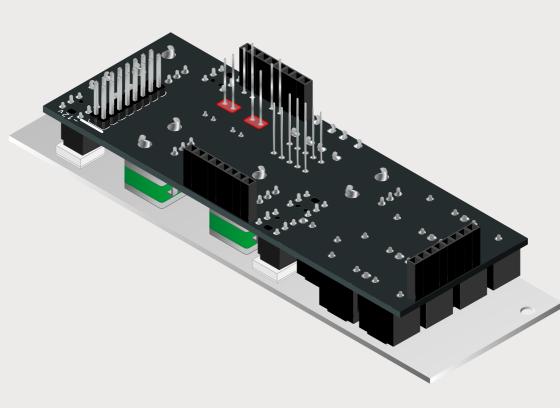
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22 Solder the first column of LEDs and cut off the excess legs.



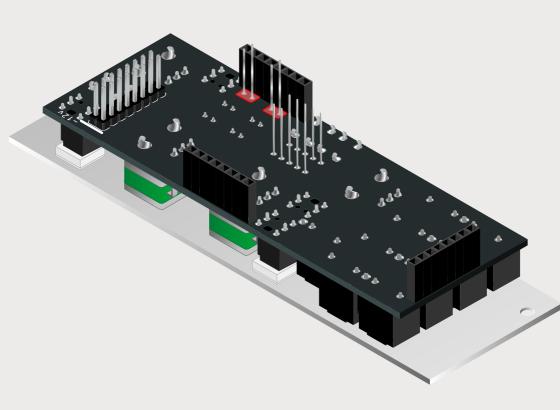
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23 Solder the second column of LEDs and cut off the excess legs.



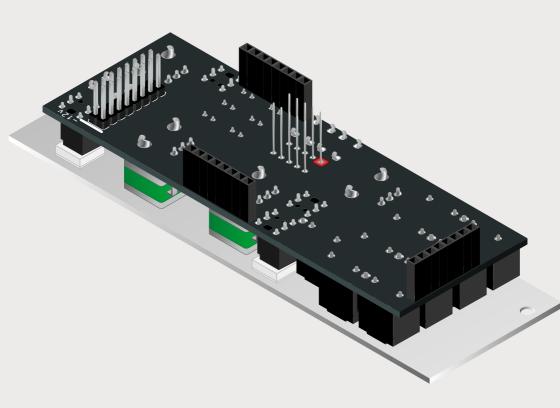
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24 Solder the third column of LEDs and cut off the excess legs.



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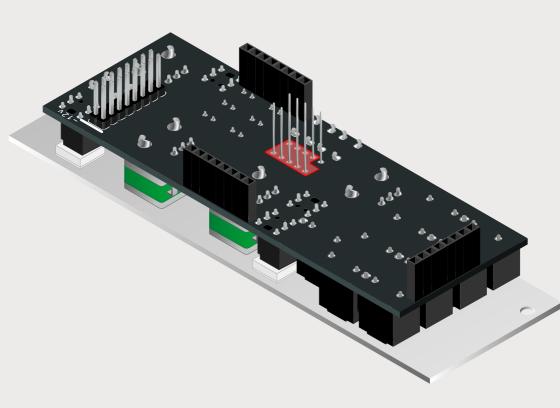
25 Check that the 7 segments display lays flat on the front panel window, then solder one leg



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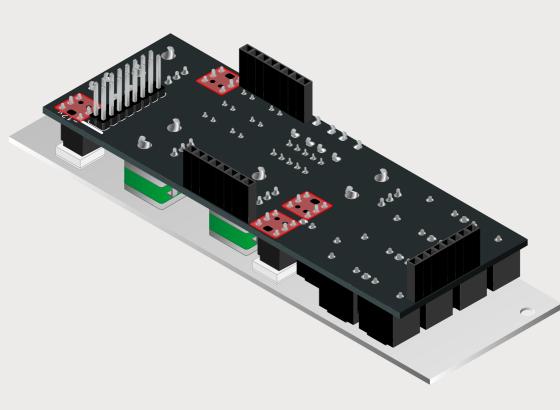
26 Check the alignment of the display through the front panel window,

correct it by reheating the previously soldered point, if necessary, then solder the remaing legs and cut off the excess.



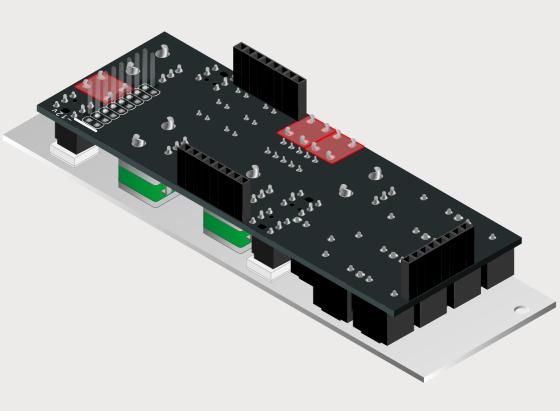
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27 Check that the 4 LED push buttons click well, then solder them.

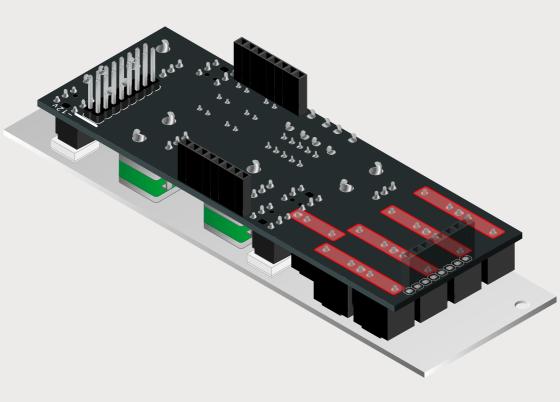


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28 Check that the 3 push buttons click well, then solder them.

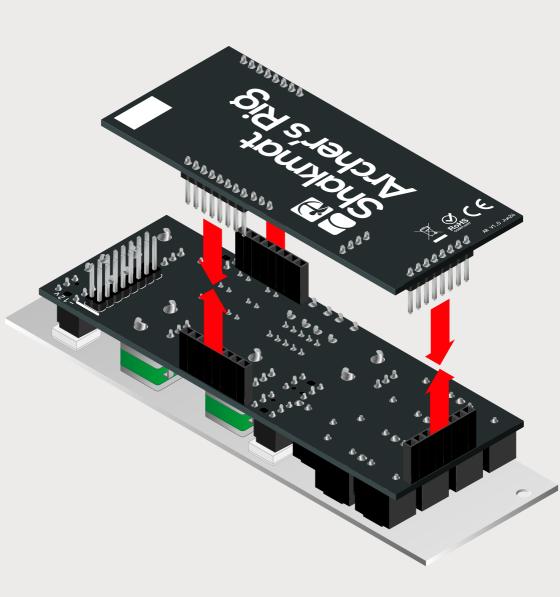


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31

Power up your Archer's Rig while pressing the Closed & Trig buttons.



Confirm by pressing Load







Make sure no jacks are inserted, then press Save to confirm





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Congratulations, you're done!