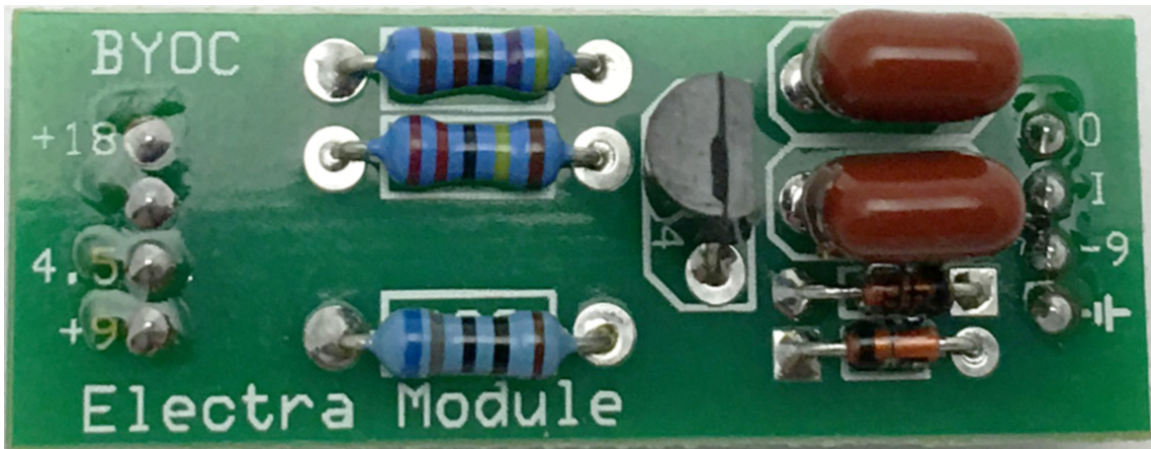


Build Your Own Clone Crown Jewel Electra Module Instructions



Parts list for the Crown Jewel Electra Module Pack

Resistors:

- 1 - 680 Ohm (Blue/Gray/Black/Black/Brown)**
- 1 - 4k7 (Yellow/Purple/Black/Brown/Brown)**
- 1 - 2M2 (Red/Red/Black/Yellow/Brown)**

Diodes:

- 2 - 1N4148**

Capacitors:

- 2 - .1uF Film Cap (May say "104" on the body)**

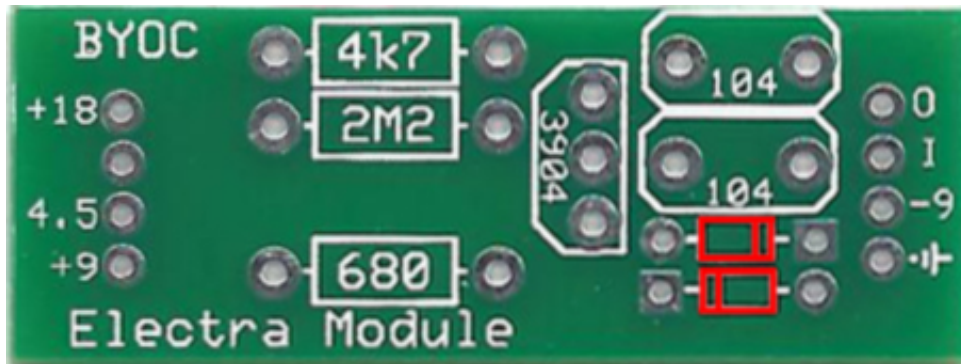
Transistors:

- 1 - 2N3904**

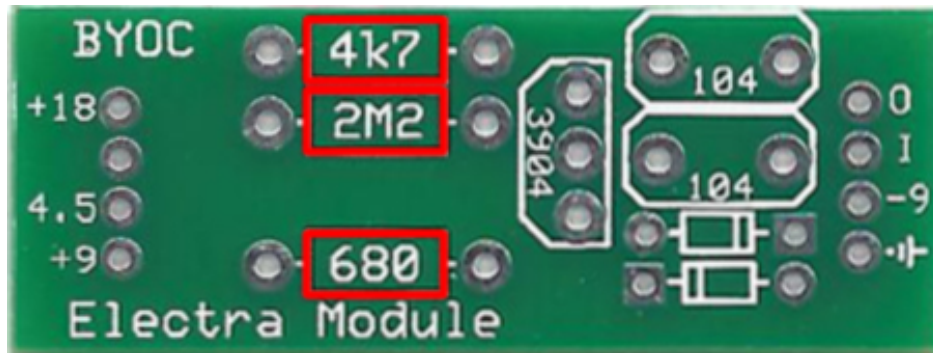
Hardware:

- 2 - 1X4 pins**

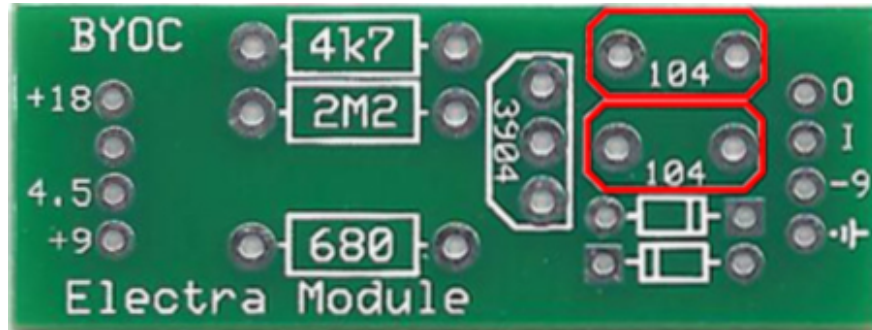
Step 1: Add the diodes. Match the stripe end of the diode with the stripe end of the PCB screenprint.



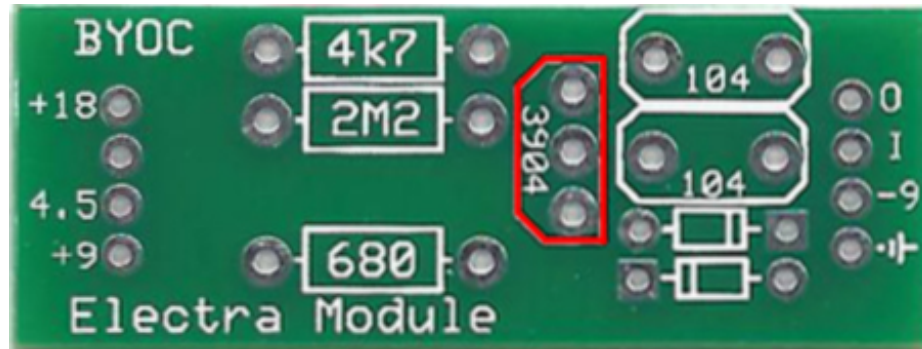
Step 2: Add the resistors. These are not polarized and can go in either direction.



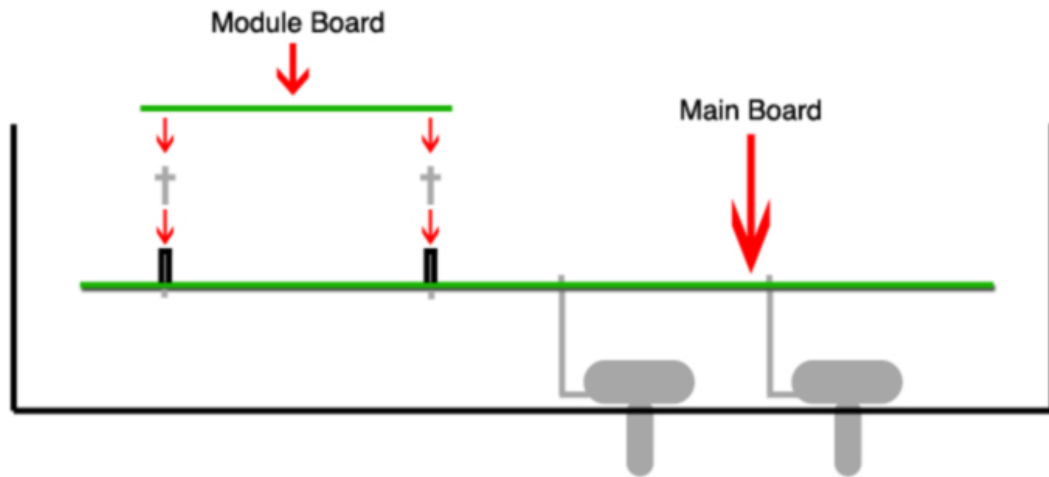
Step 3: Add the film capacitors. These are not polarized and can go in either direction.

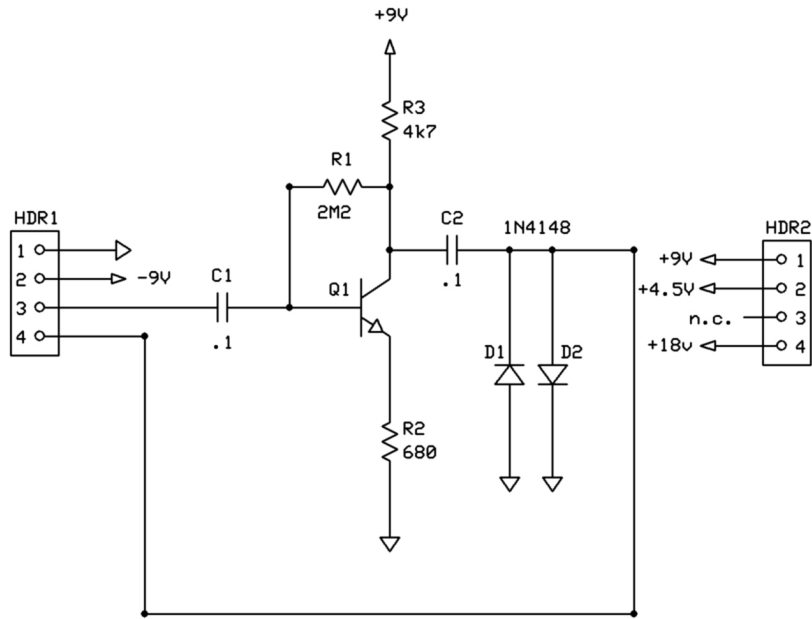


Step 4: Add the transistor. Be sure to match the flat side of the transistor to the flat side of the PCB screenprint.



Step 5: Insert the pins into the Crown Jewel header spots as shown below be sure to place the longer end of the pins into the headers. Once the pins are placed, guide the module board onto the pins and press down slightly so the module is sitting flush on the pins. Solder the top-side of the module at the pins. This helps align the pins and headers to the module board.





Build Your Own Clone		
Crown Jewel/Electra Module		
Designed by: K. Vonderhulls	Rev 1.0 3/14/2017	Copyright 2017