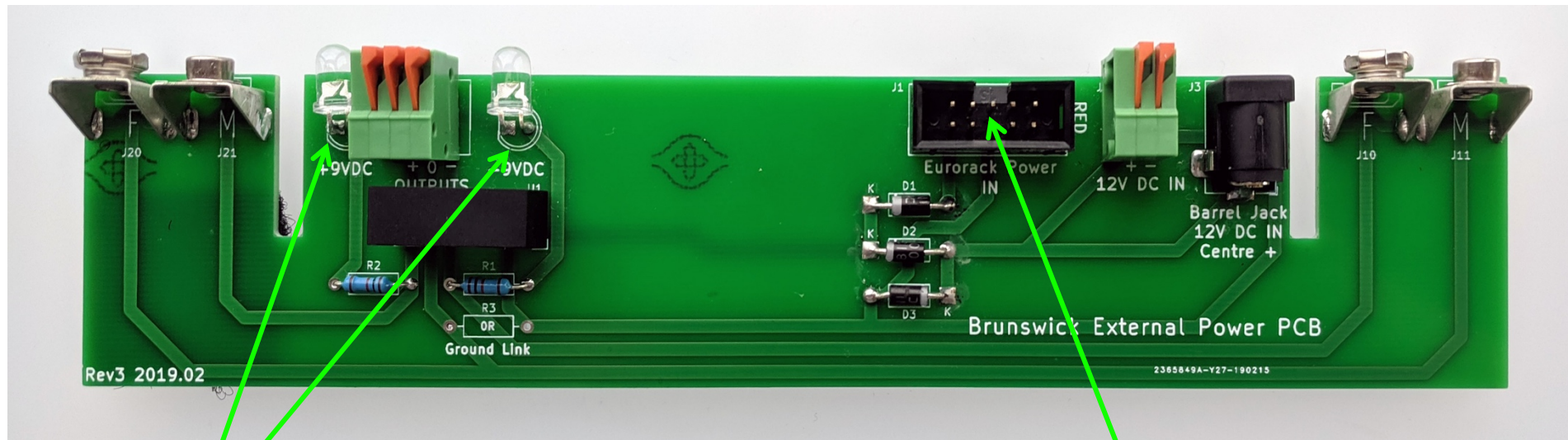


Future Sound Systems - Battery Simulator  
Build Document V1

Note: your PCB might be black instead of green



LEDs - short leg goes to square pad

**IMPORTANT!**

Notch on Power header must face outwards towards the edge of the PCB

See next page for step by step instructions

1. First solder the two 1K resistors. Leave the 0R space empty – FSS don't recommend linking grounds (please contact them directly if you wish to enquire about this).
2. Next solder the diodes and LEDs. **Note:** Orientation is vital for these parts - follow the picture above.
3. Place and solder the 10 pin Eurorack power header. **Note:** Orientation is vital! The notch on Power header must face outwards from the edge of the PCB.
4. Place and solder the rest of the parts minding the orientation for each part. If in doubt consult the photos.
5. Take the Velcro squares, then turn the PCB over and stick the two soft squares to the PCB as shown below.
6. Then attach the hooked Velcro squares to the soft Velcro squares, and remove the protective paper from the back of the hooked squares.
7. Next clip the Battery Simulator PCB to your Brunswick or Portland Battery holders as shown, and then push the two PCBs together to stick the hooked Velcro to the Battery holders on the main synth board.

