

**MONTAGE HANDLEIDING**

**JULI 2016**

**EXTRADRIVE - (A)SYMMETRISCH OVERDRIVE EFFECTPEDAAL**  
**ORDERCODE: K8111**



## Inhoudsopgave

Inhoud	3
Montagehandleiding	4

Aan de slag!



# INHOUD



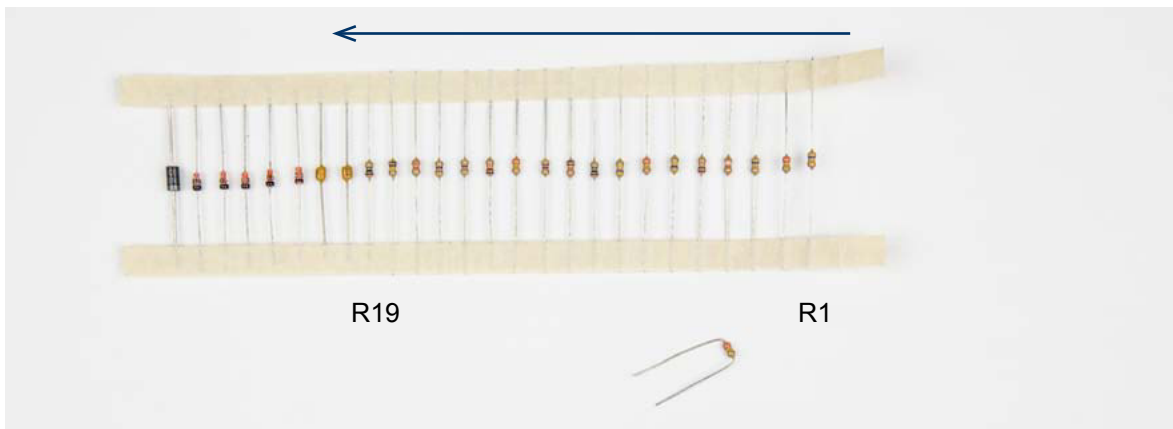
## MONTAGE-INSTRUCTIES

1. Breng de 2 meegeleverde stickers aan (zie afb.). **Controleer de oriëntatie van de onderste case!**



2. Alle weerstanden zijn in volgorde van gebruik geplaatst op de meegeleverde tape.

**Weerstanden:** R1 to R19

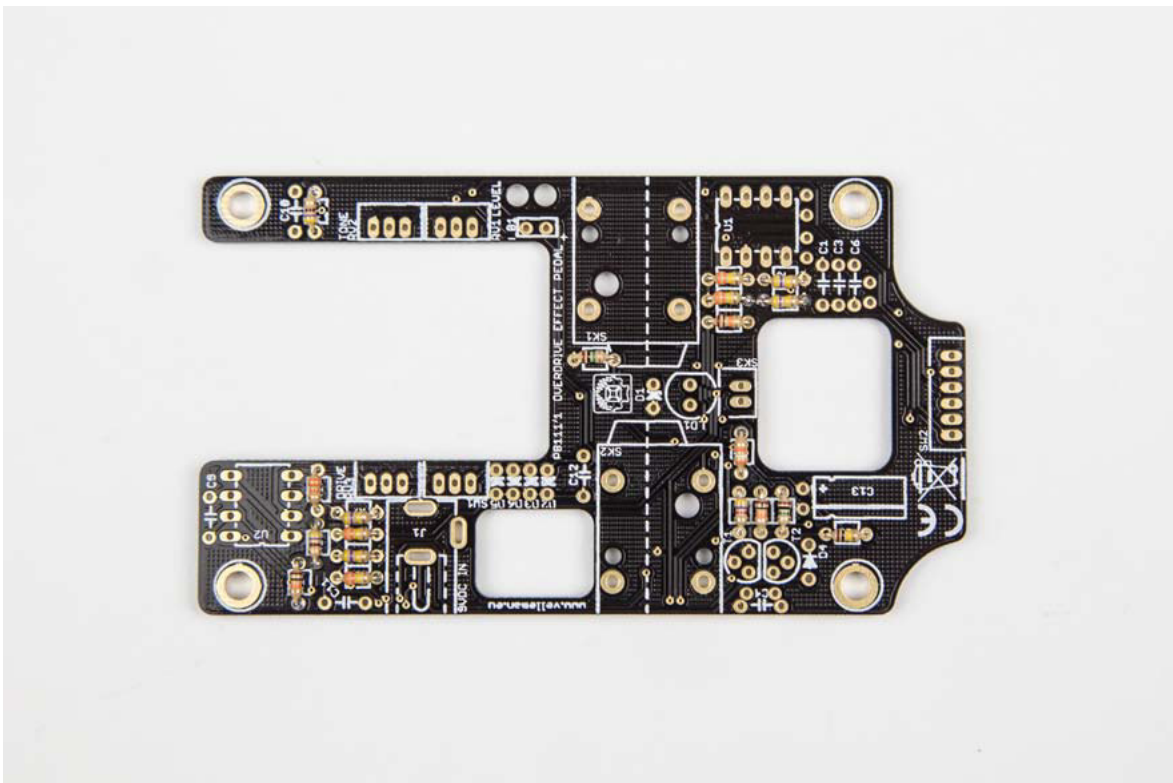


Tape order:

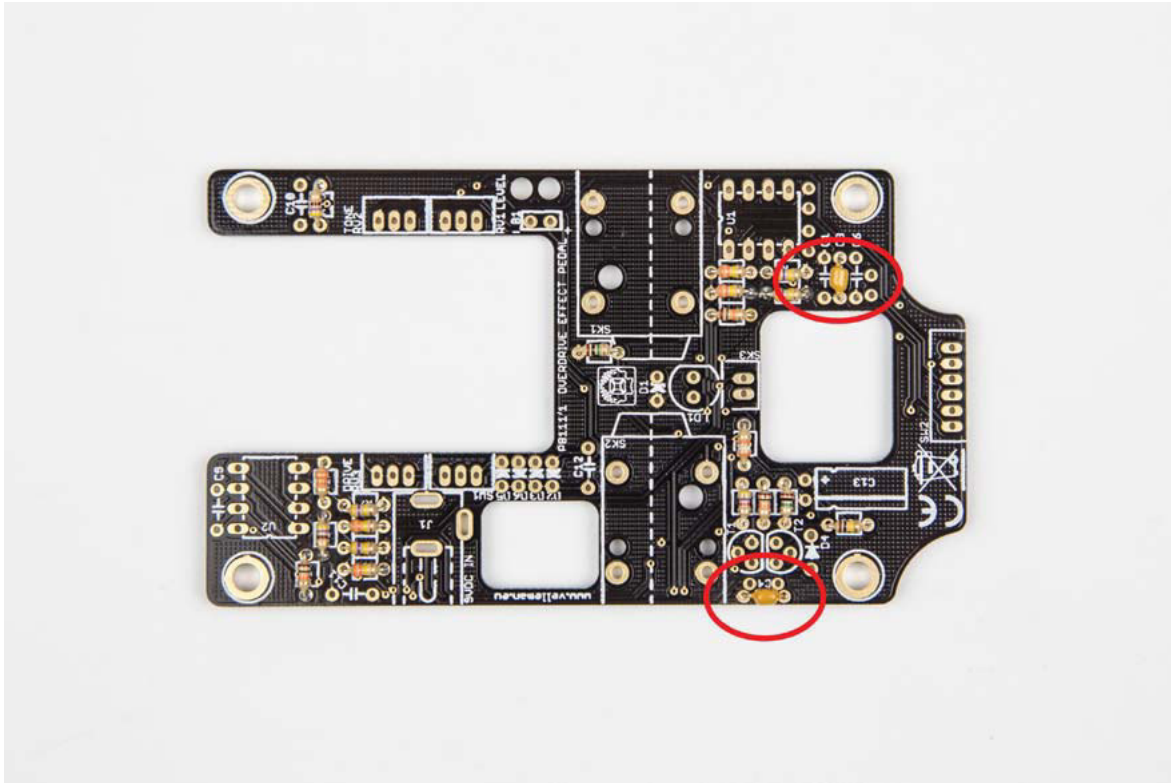
R1:330K  
R2:470K  
R3:330K  
R4:470K  
R5:390E  
R6:10K  
R7:470K  
R8:330K  
R9:470K  
R10:1M  
R11:10K

R12:4K7  
R13:330K  
R14:10K  
R15:470E  
R16:470E  
R17:33K  
R18:100K  
R19:1M  
C3:104  
C4:104  
ZD1:3V3  
D2:1N4148  
D3:1N4148

D5:1N4148  
D6:1N4148  
D4:1N4007

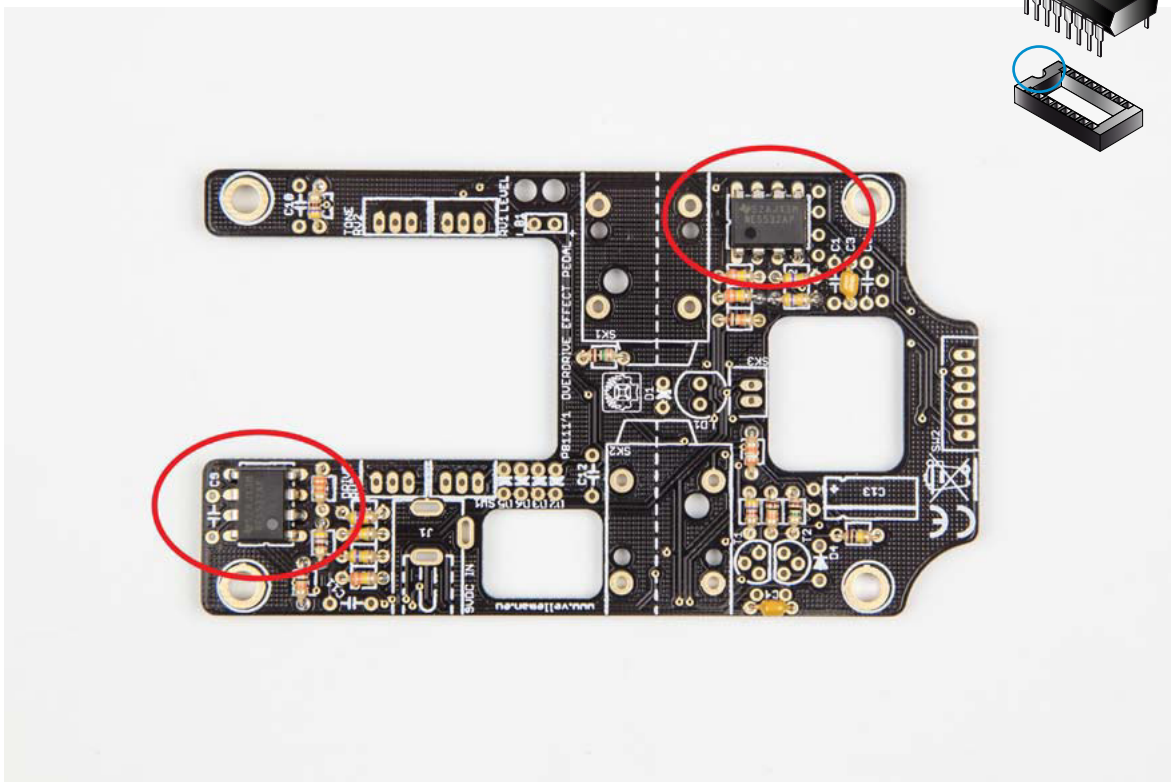


### 3. 100 $\mu$ F axiale condensatoren: C3, C4



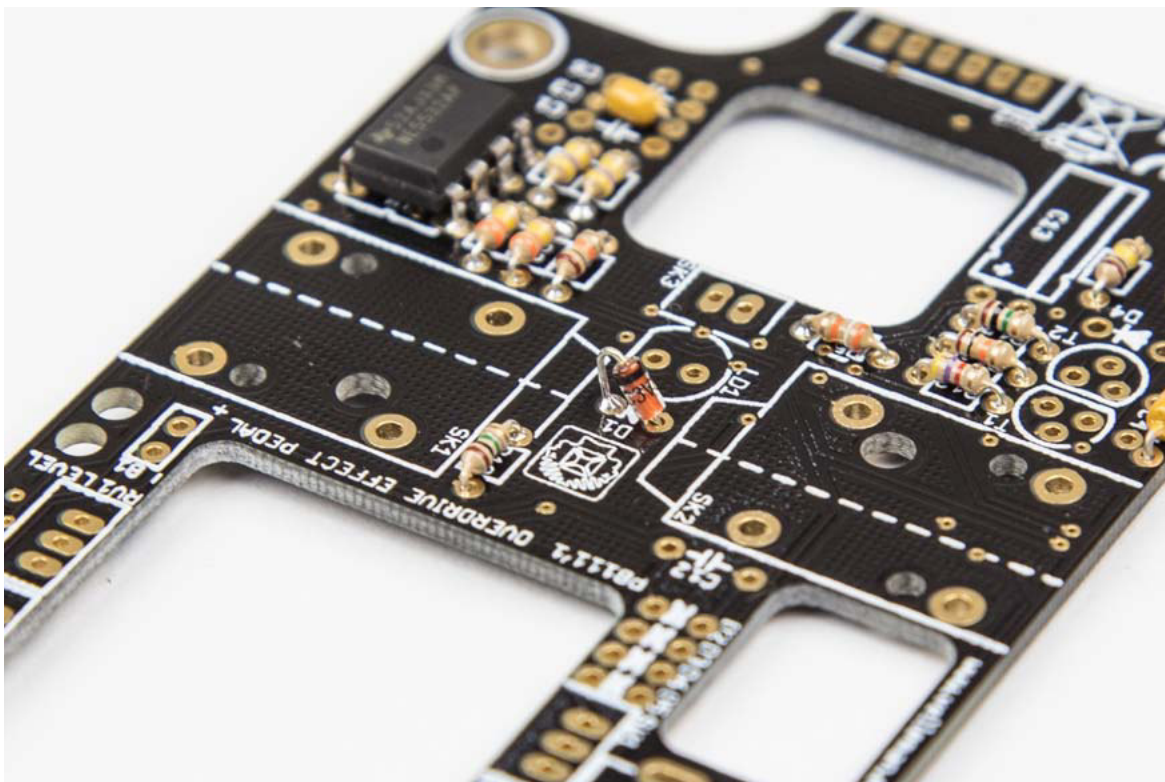
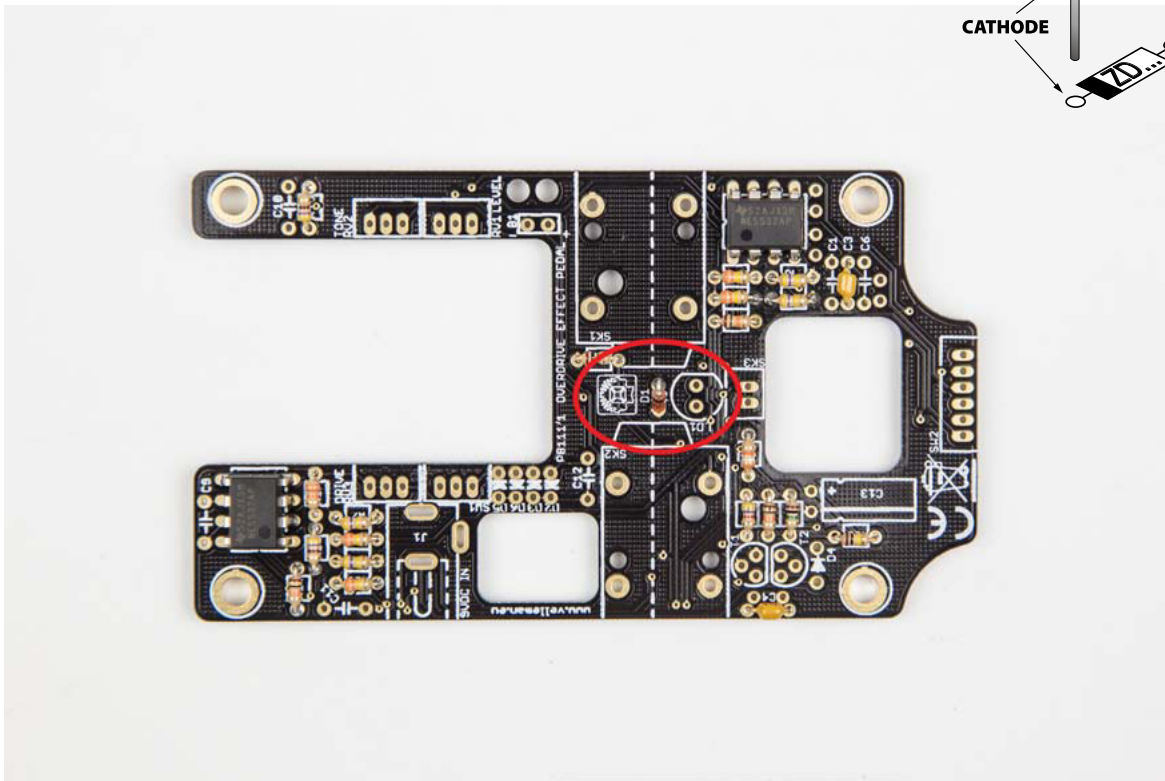
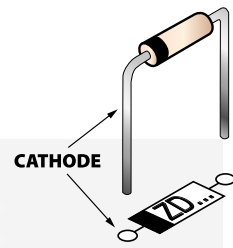
### 4. 2 x IC: U1 and U2

Controleer de oriëntatie van de IC's!



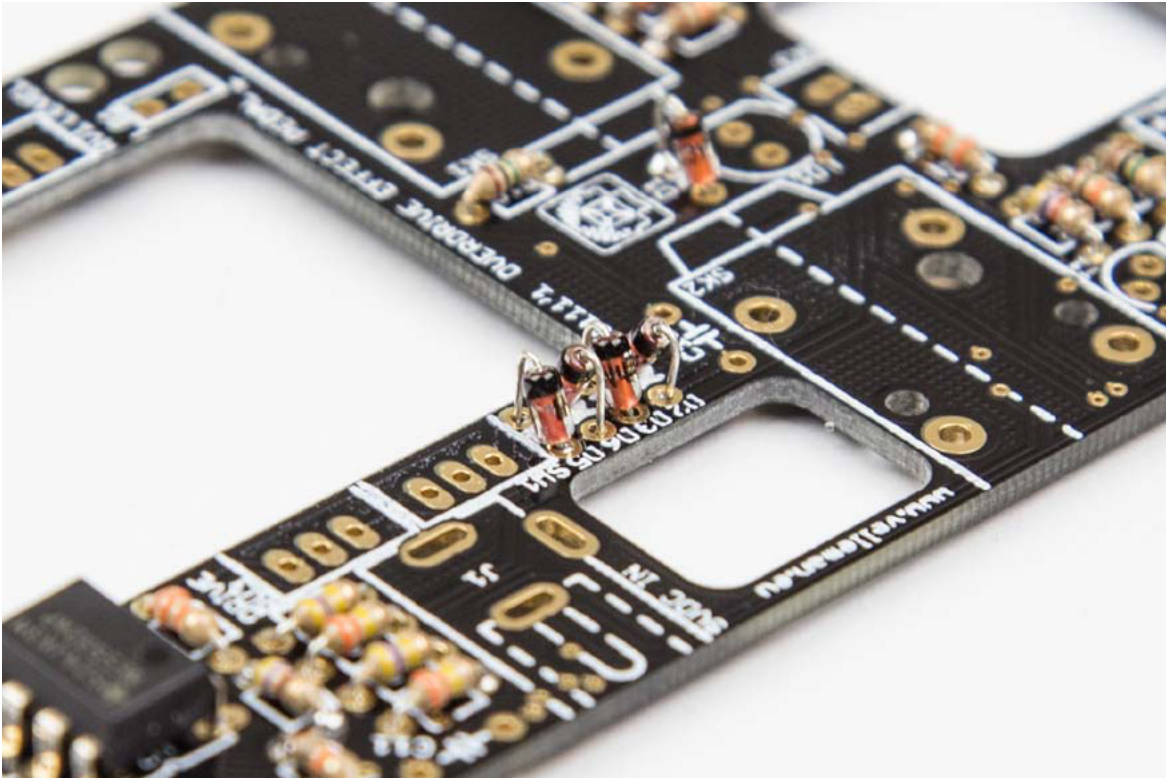
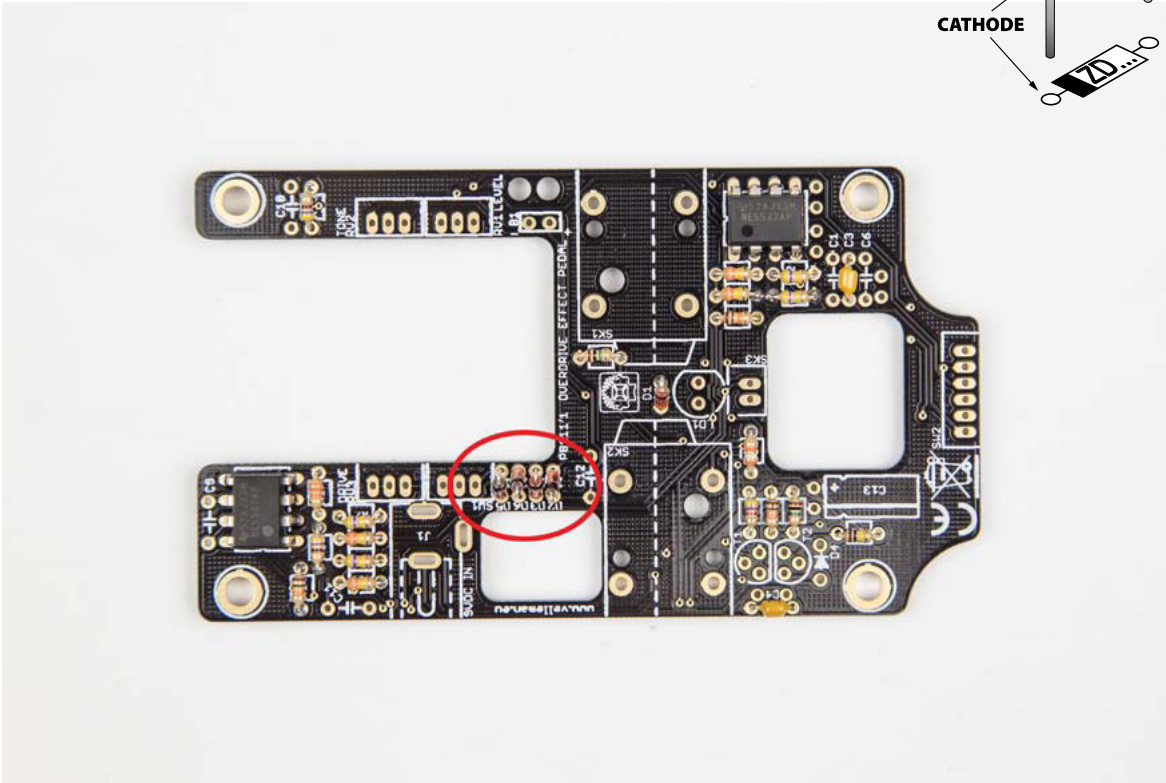
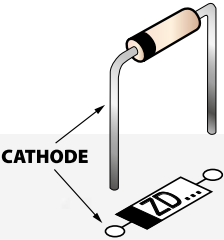
## 5. Zenerdiode: ZD1

Controleer de oriëntatie van de Zenerdiode!



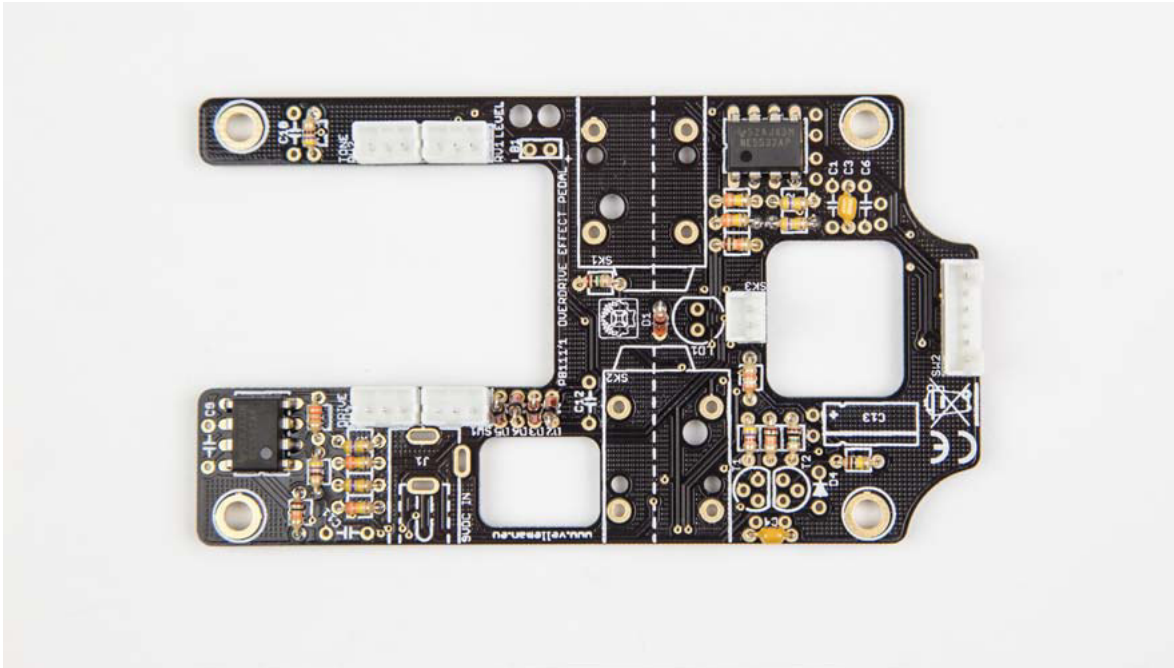
6. Diodes: D2, D3, D5 and D6

Controleer de oriëntatie van de diode!



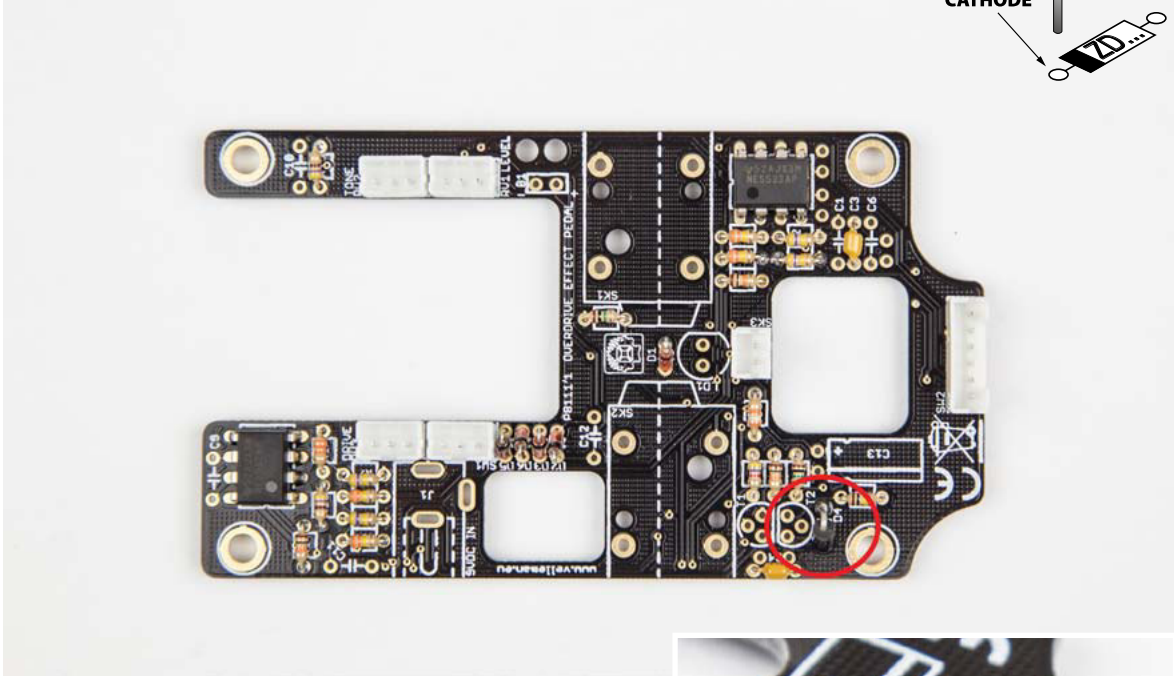
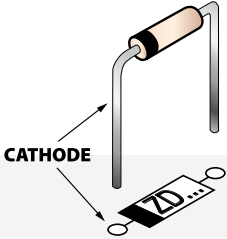


7. Mannelijke connectoren: SW1; SW2, RV1; RV2, RV3 and SK3

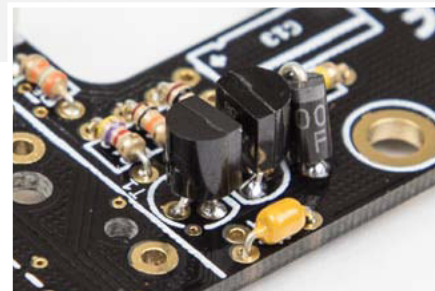
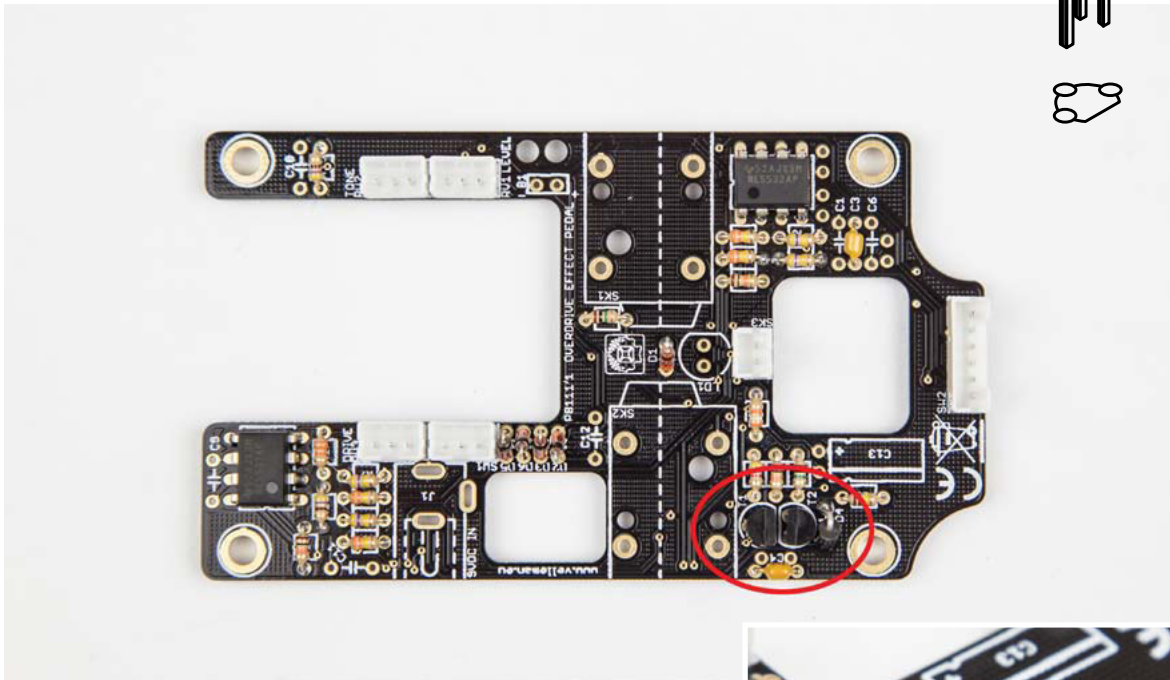
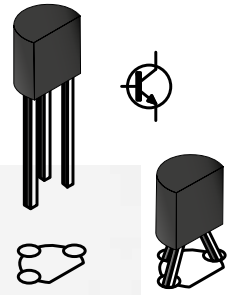


8. Diode 1N4007: D4

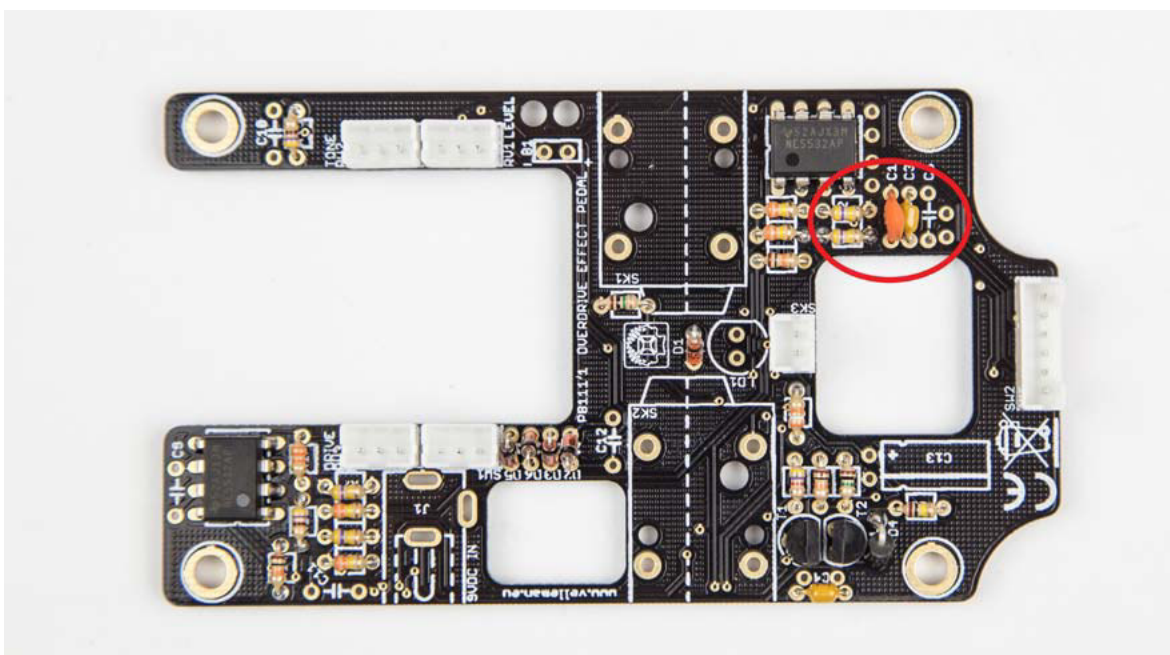
Controleer de oriëntatie van de diode!



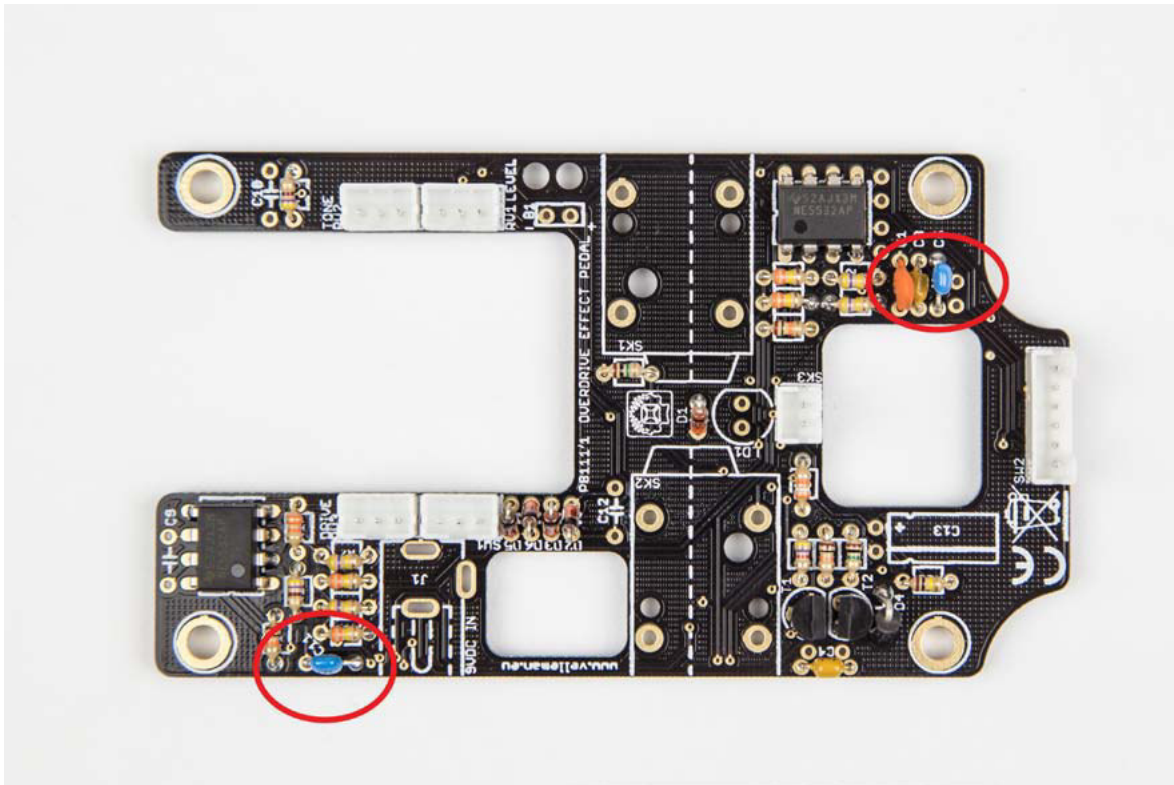
9. BC547: T1  
BC557: T2



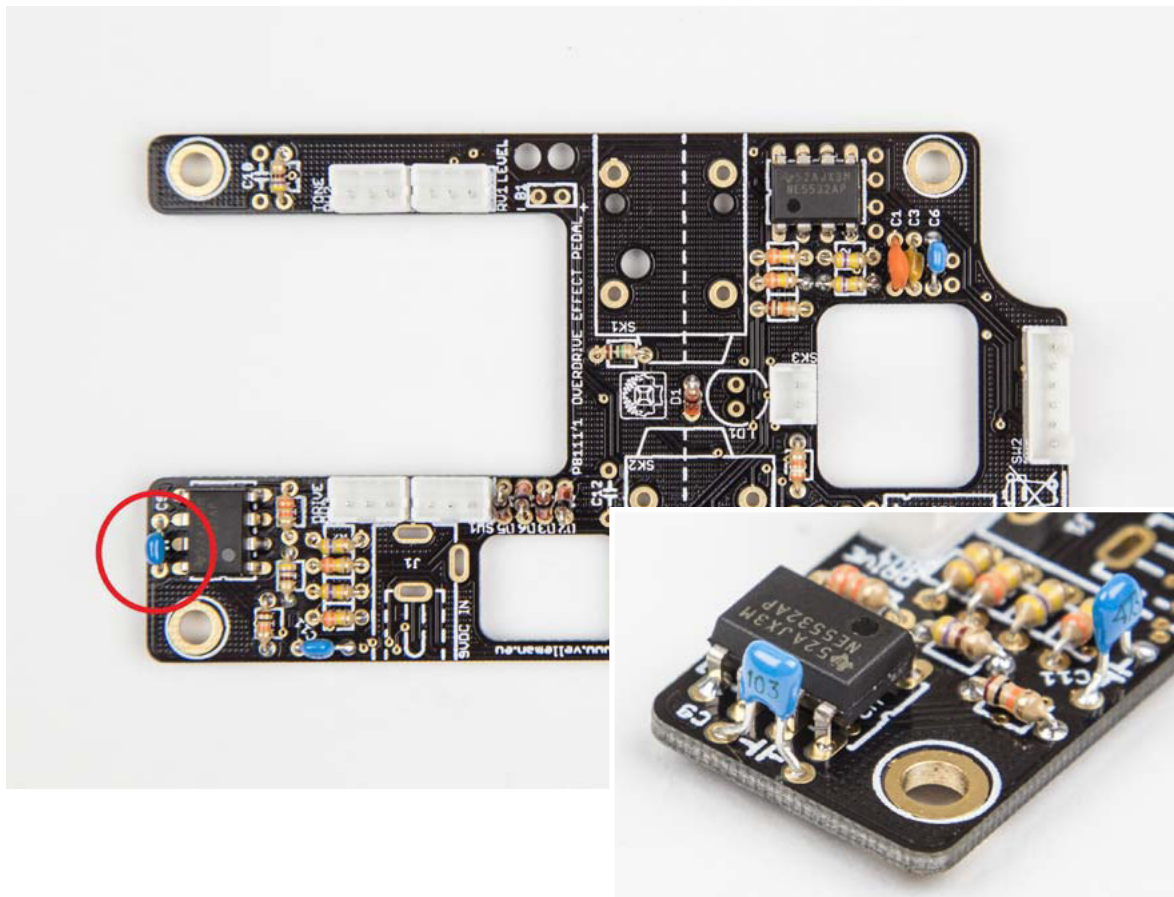
10. Condensator 471: C1



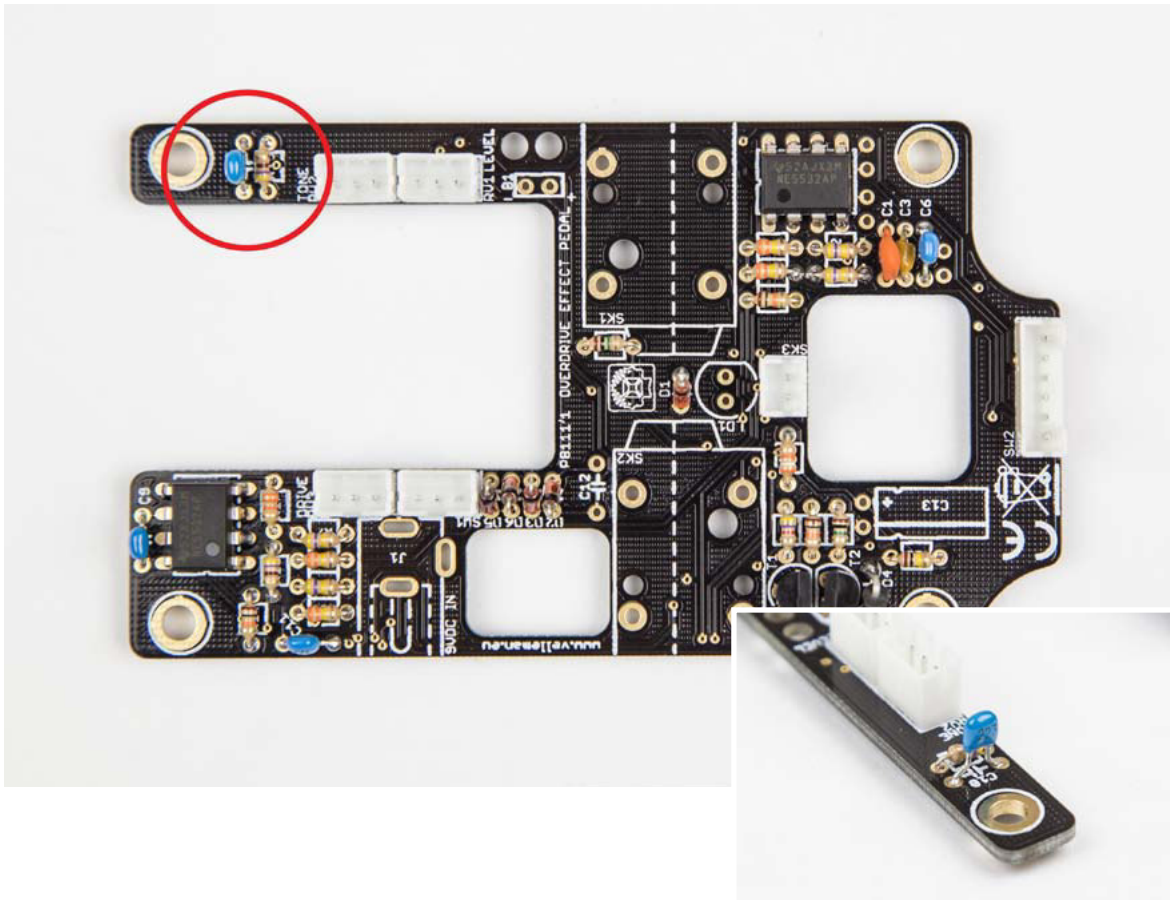
11. Condensator 473: C6 and C11



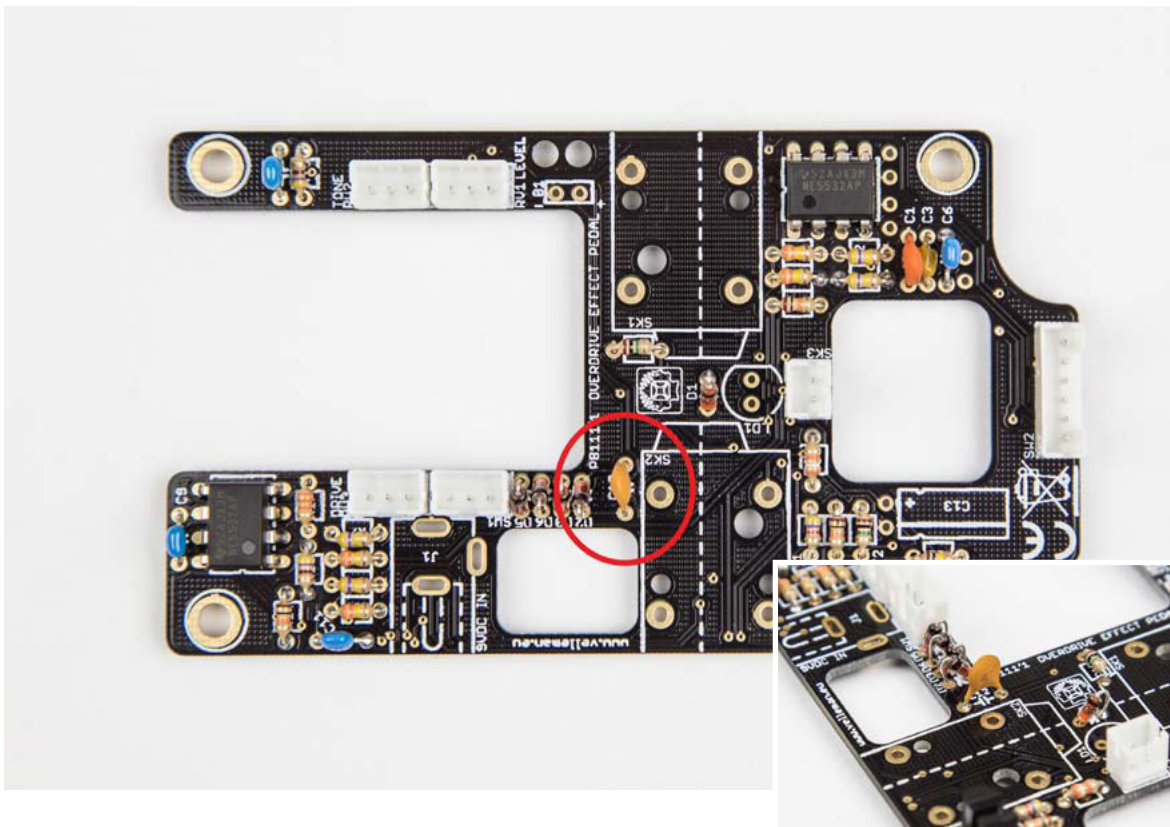
12. Condensator 103: C9



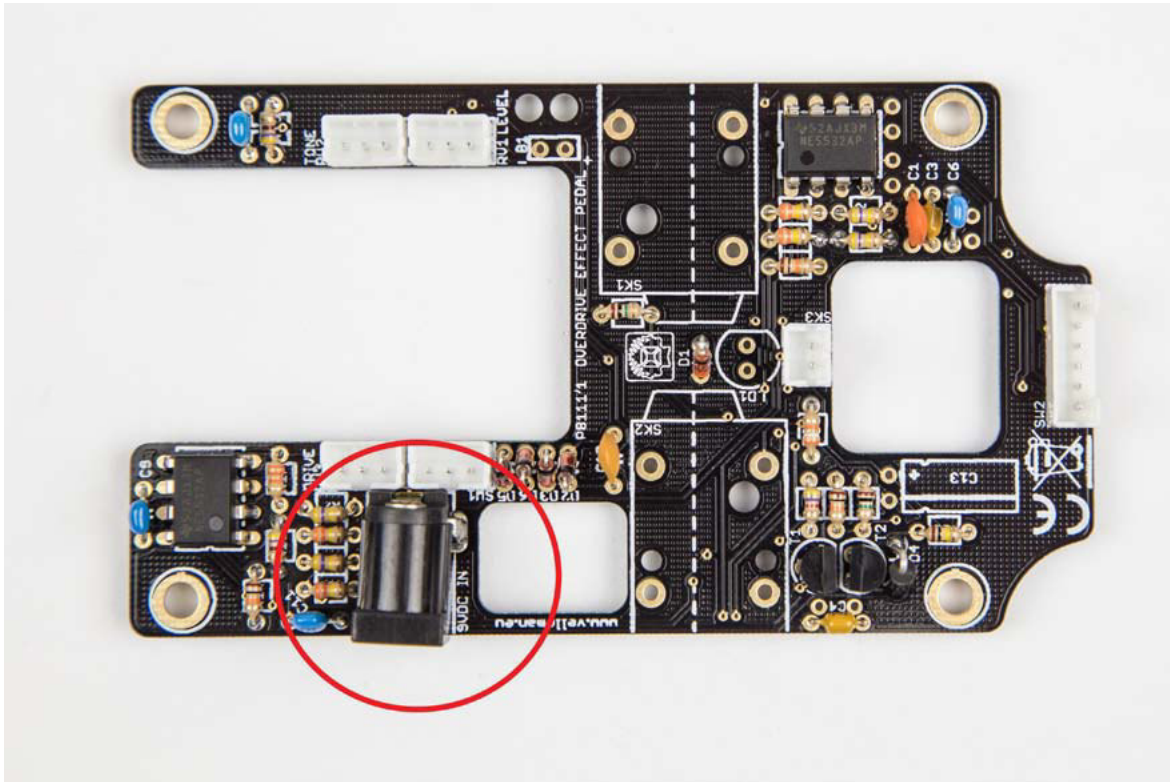
13. Condensator 223: C10



14. Condensator 47: C12

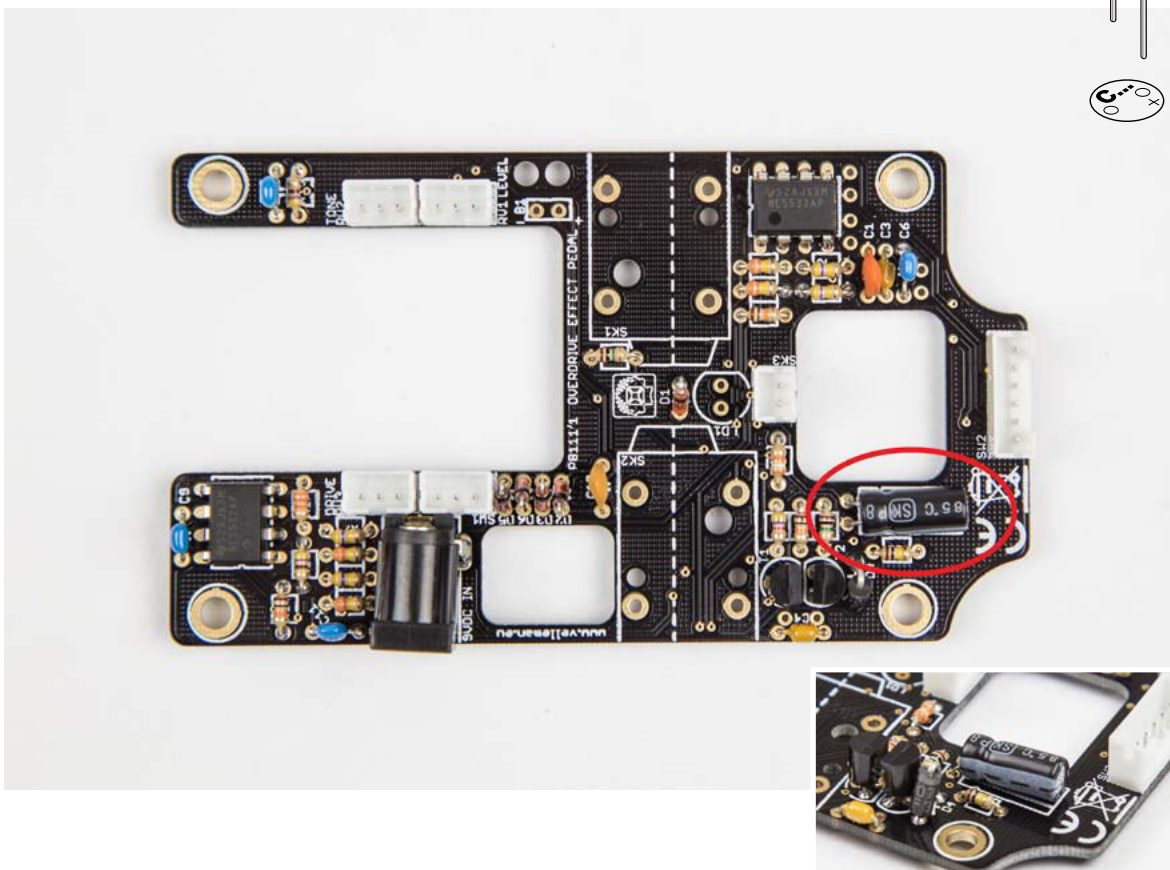


15. DC ingang: J1 SVDC IN

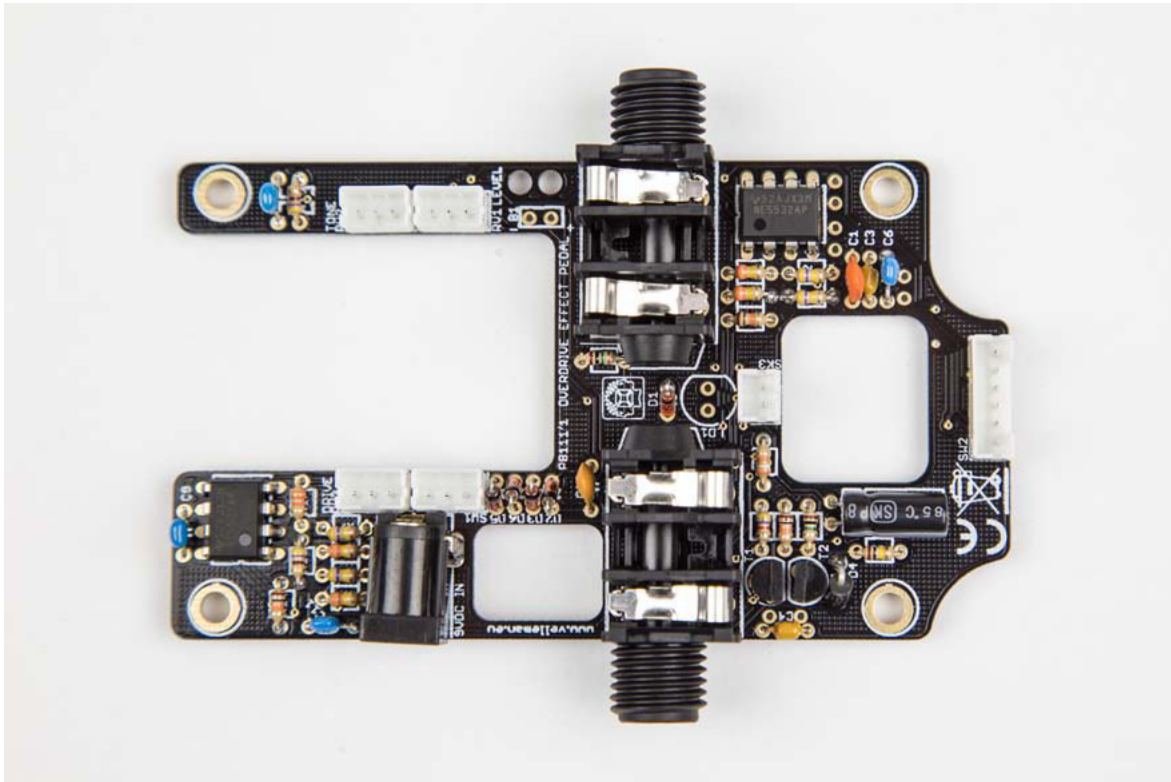


16. Condensator 10  $\mu$ F: C13

Let op de polariteit!



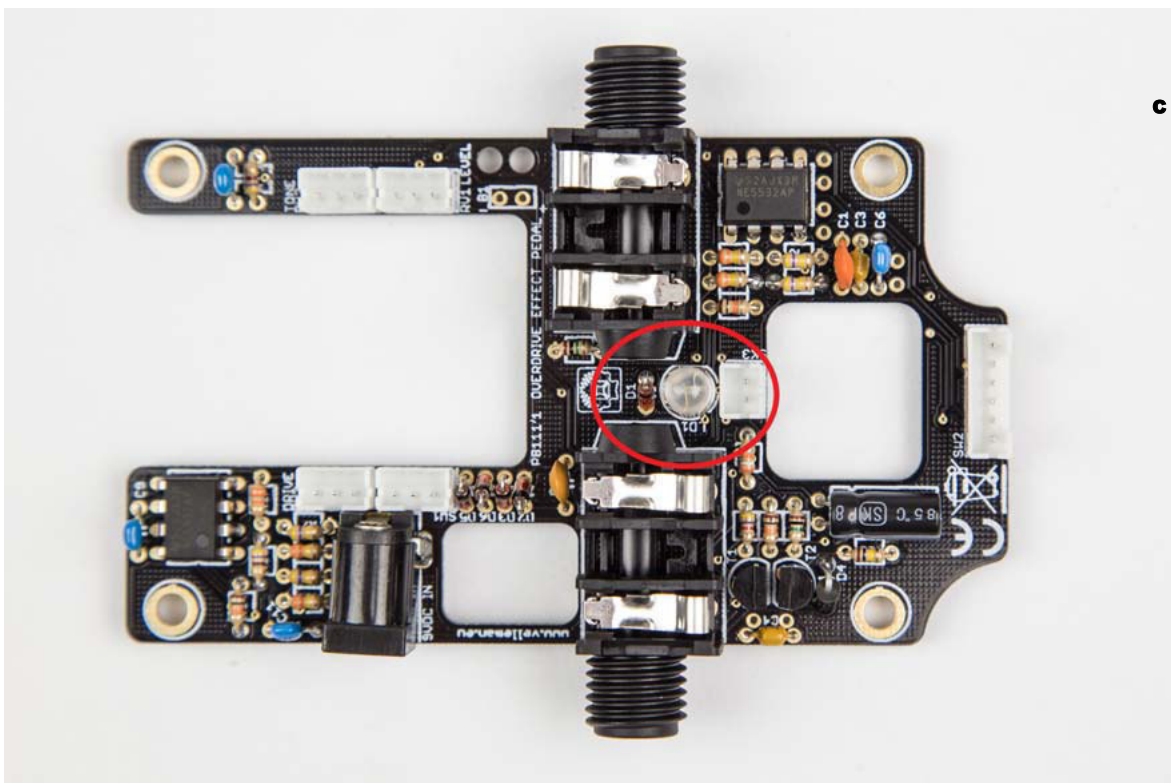
## 17. 2 x Audio jingang: SK1 and SK2

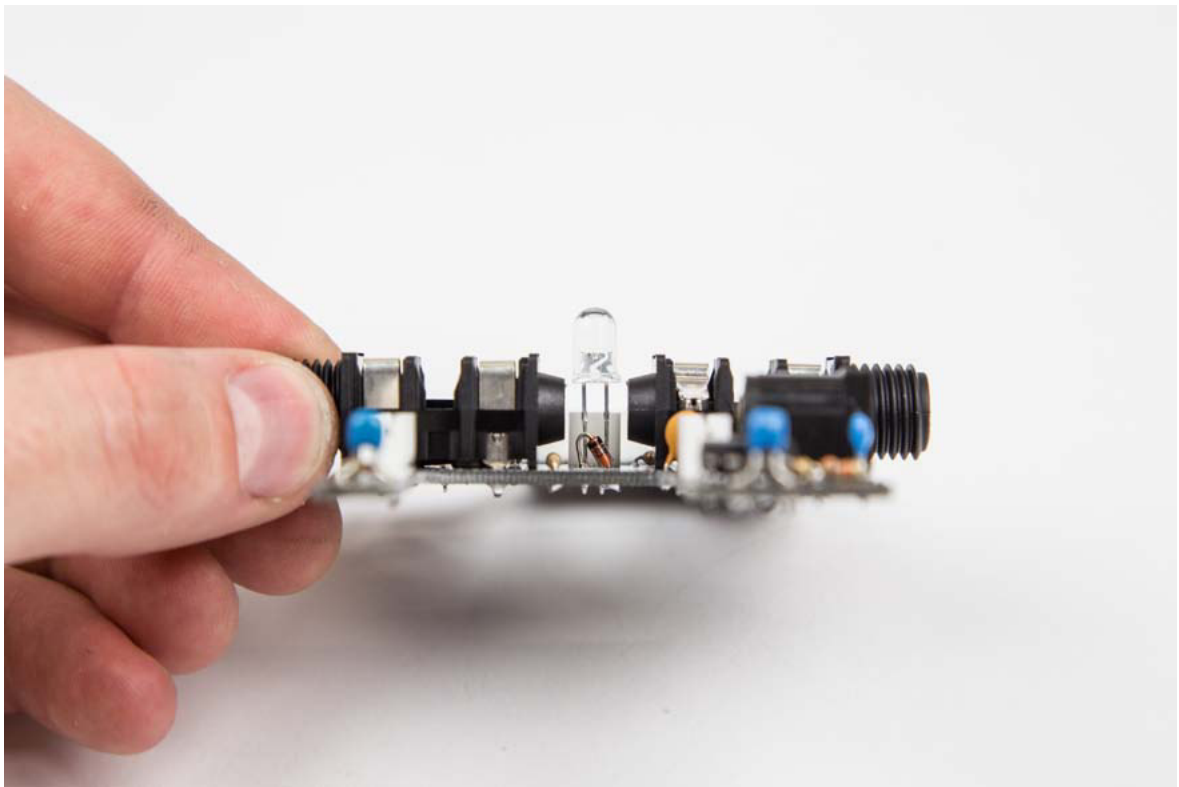
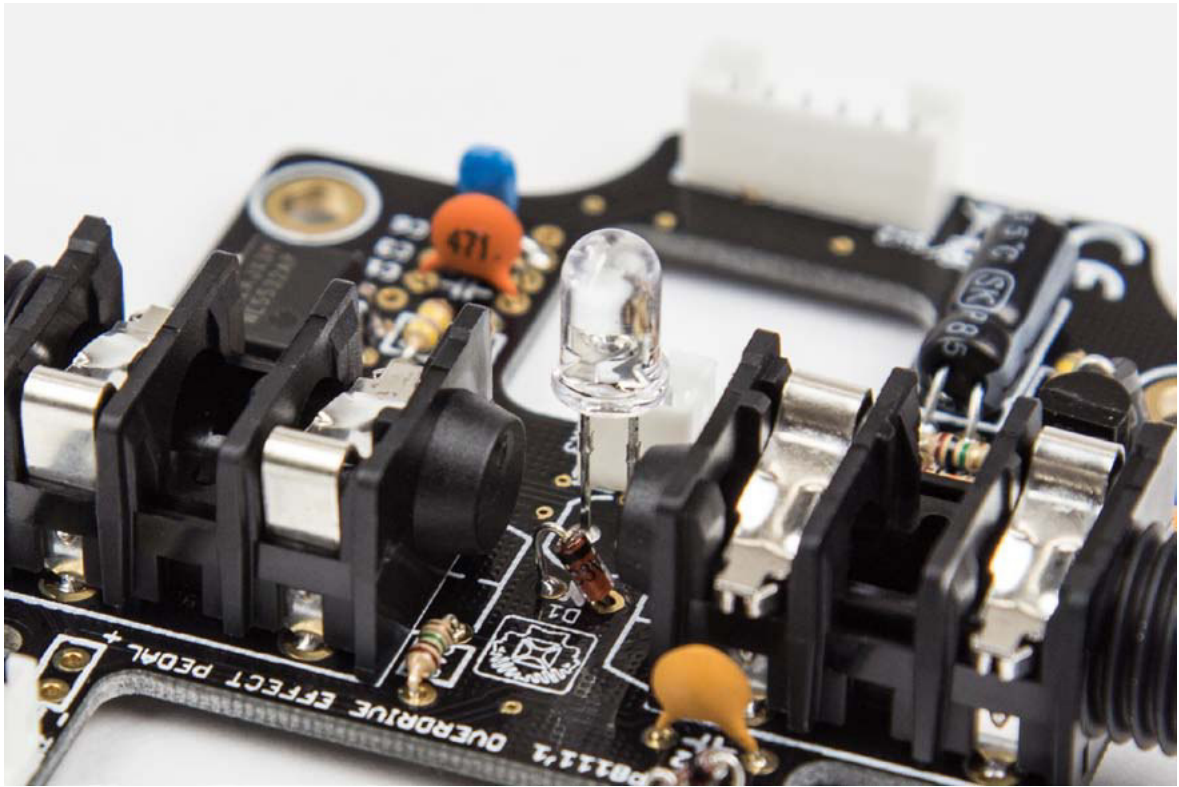


## 18. 5 mm-blauwe led: LD1 (voer een diodetest uit met een multimeter om de blauwe led te vin-

**Let op de polariteit!**

**Laat deze ongeveer 12 mm boven de printplaat uitsteken (zie afb.).**

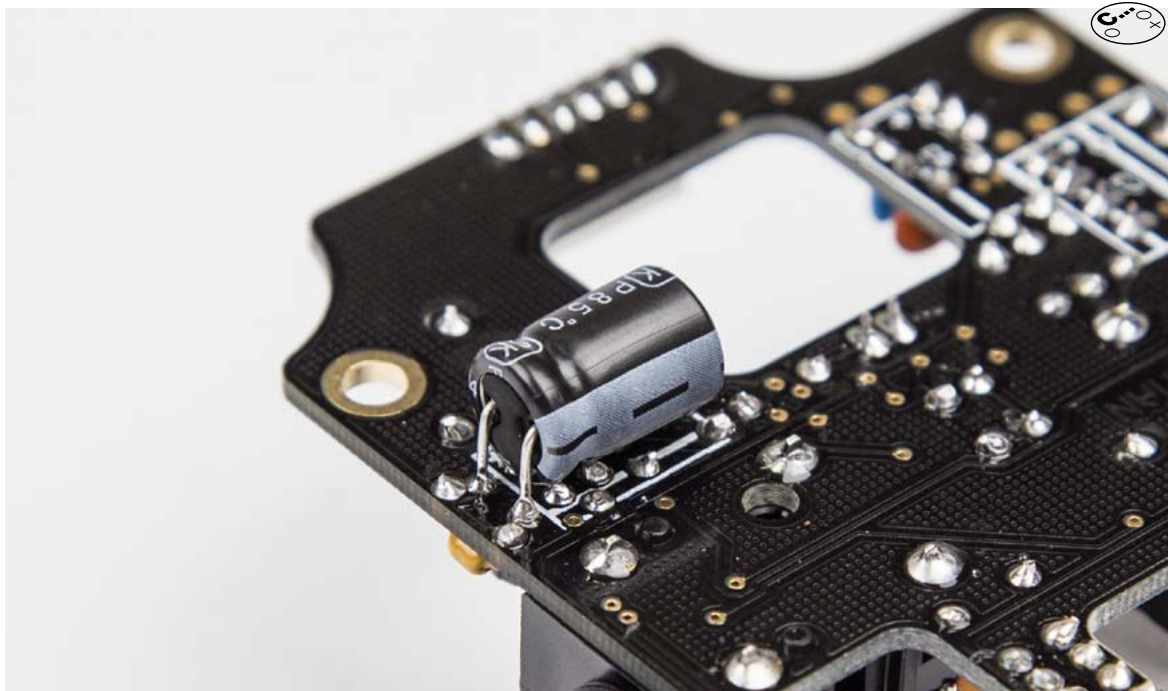
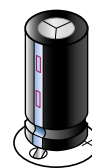




19. Condensator 220  $\mu$ F: C2

Let op de polariteit!

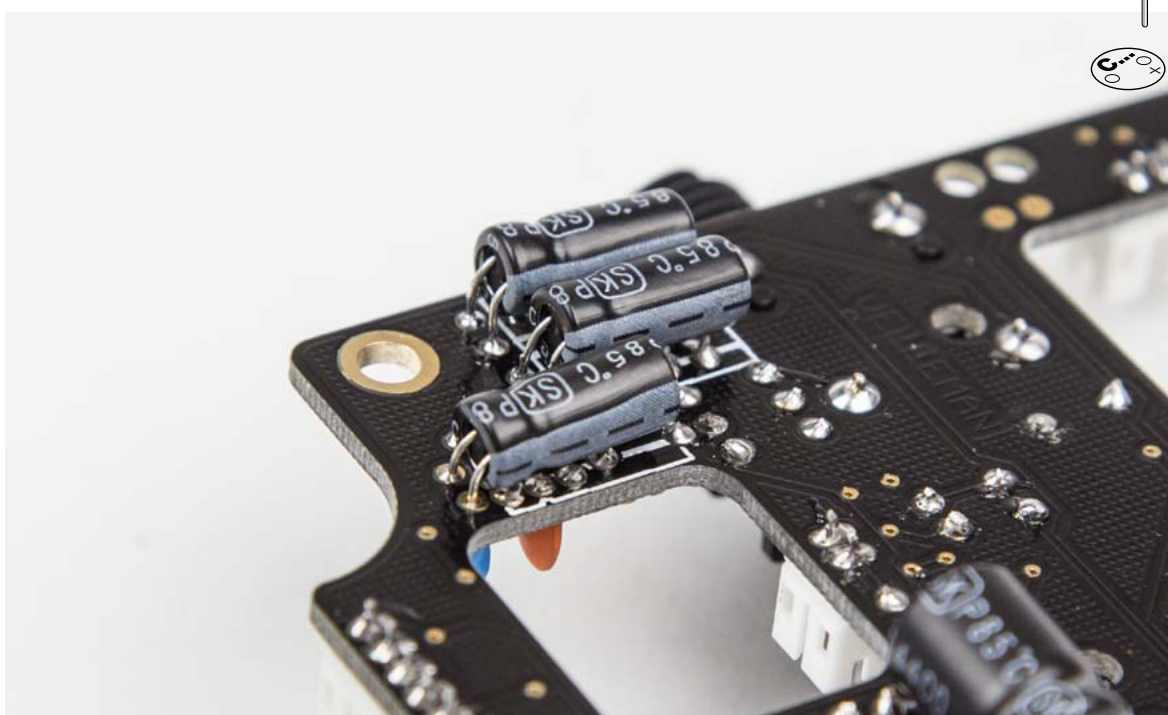
Soldeer aan de onderkant van de printplaat!



20. Condensator 10  $\mu$ F: C7, C8 and C12

Let op de polariteit!

Soldeer aan de onderkant van de printplaat!





21. Knip de draden met 9 V-batterijclip door tot op 5 cm.

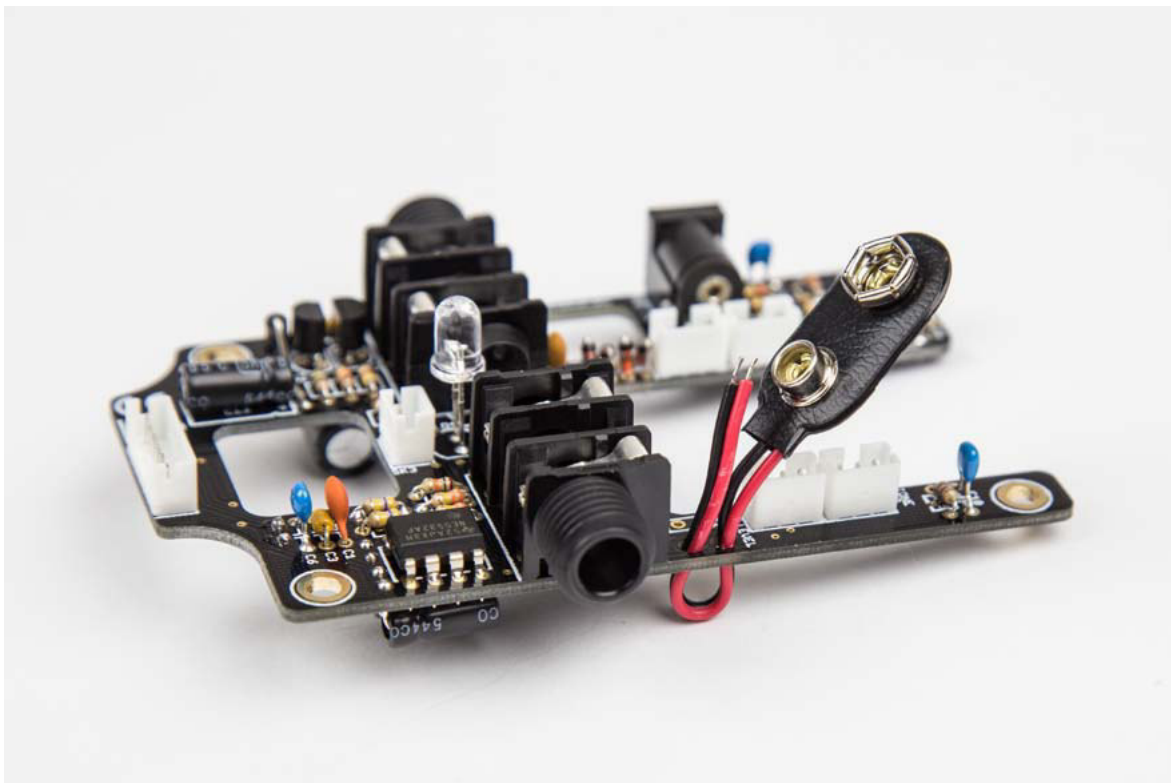
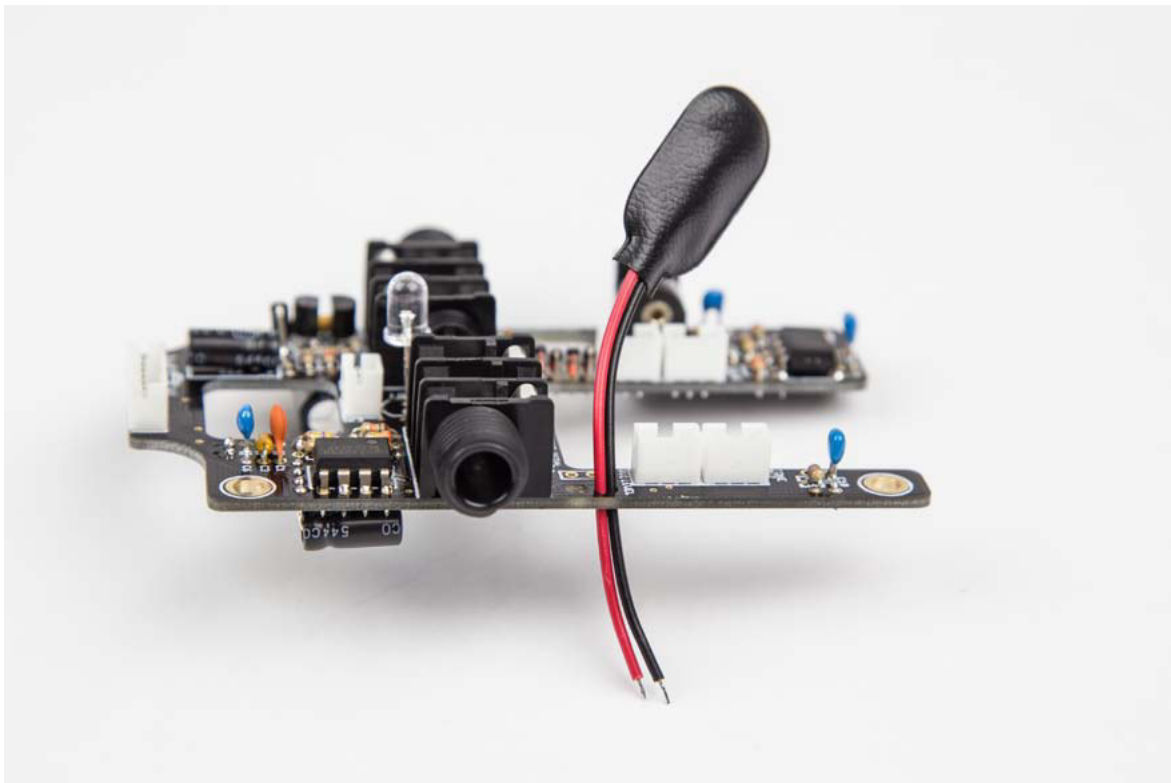


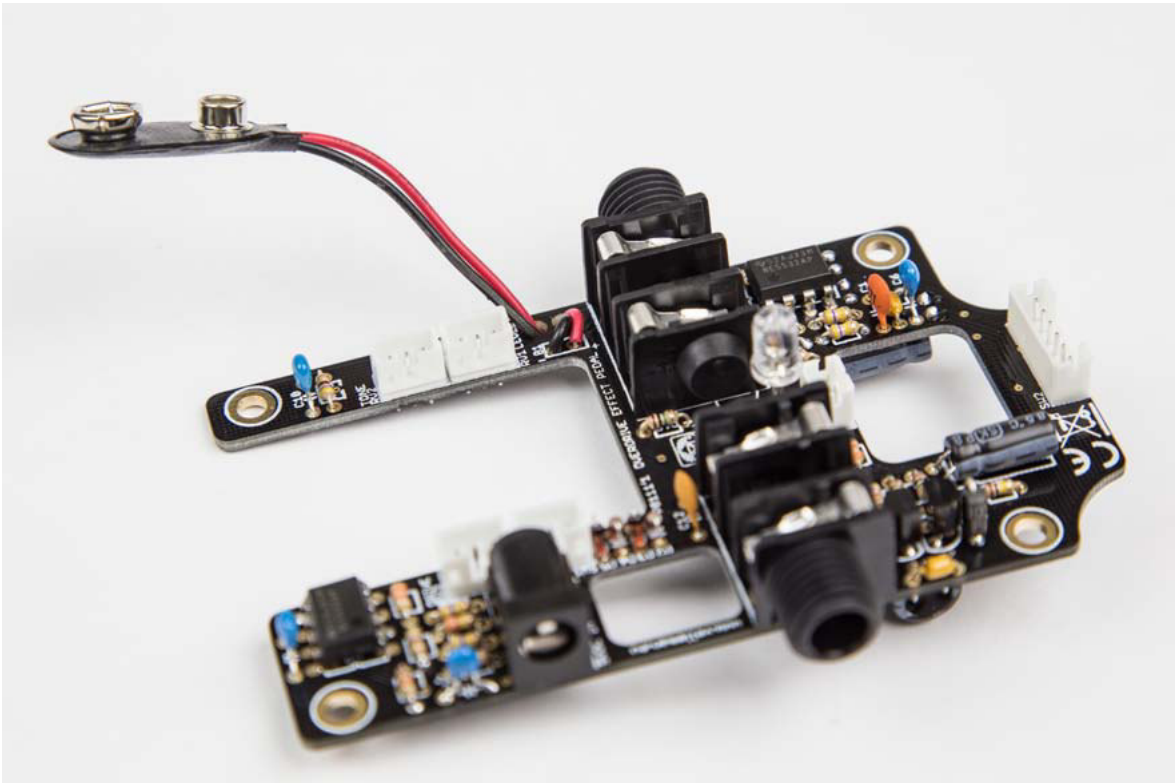
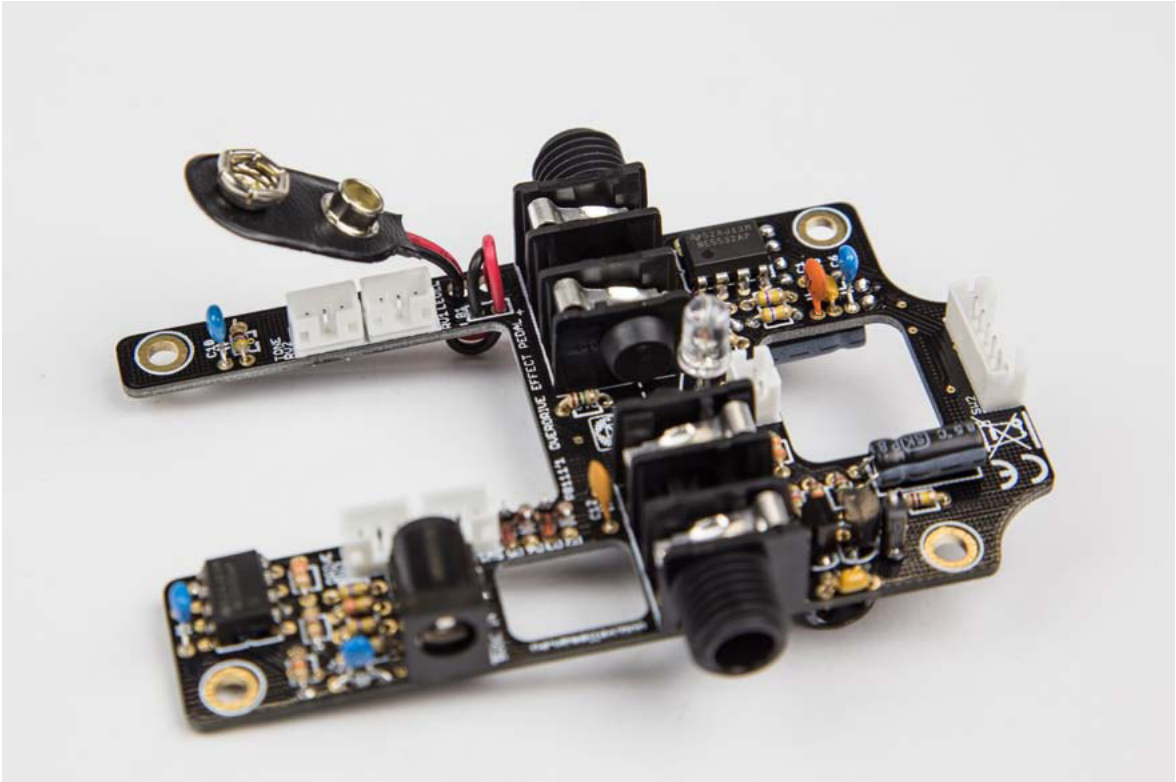
22. Strip en vertin de aders



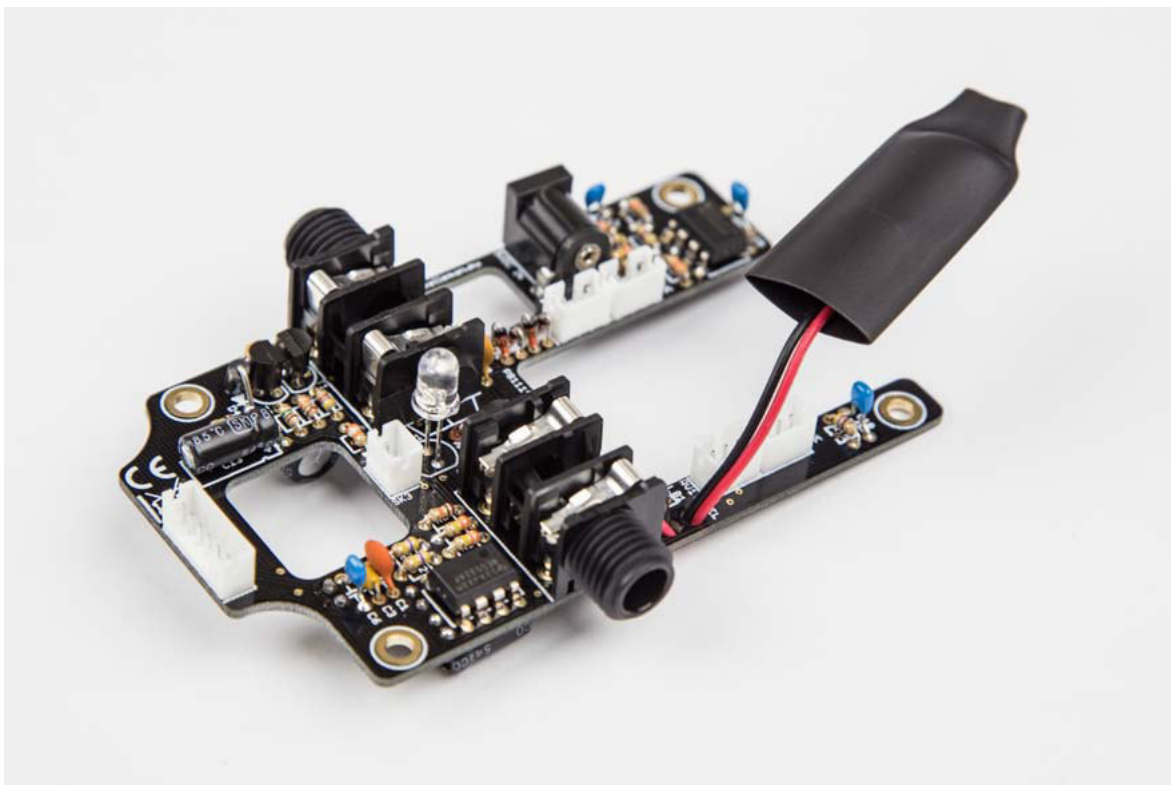
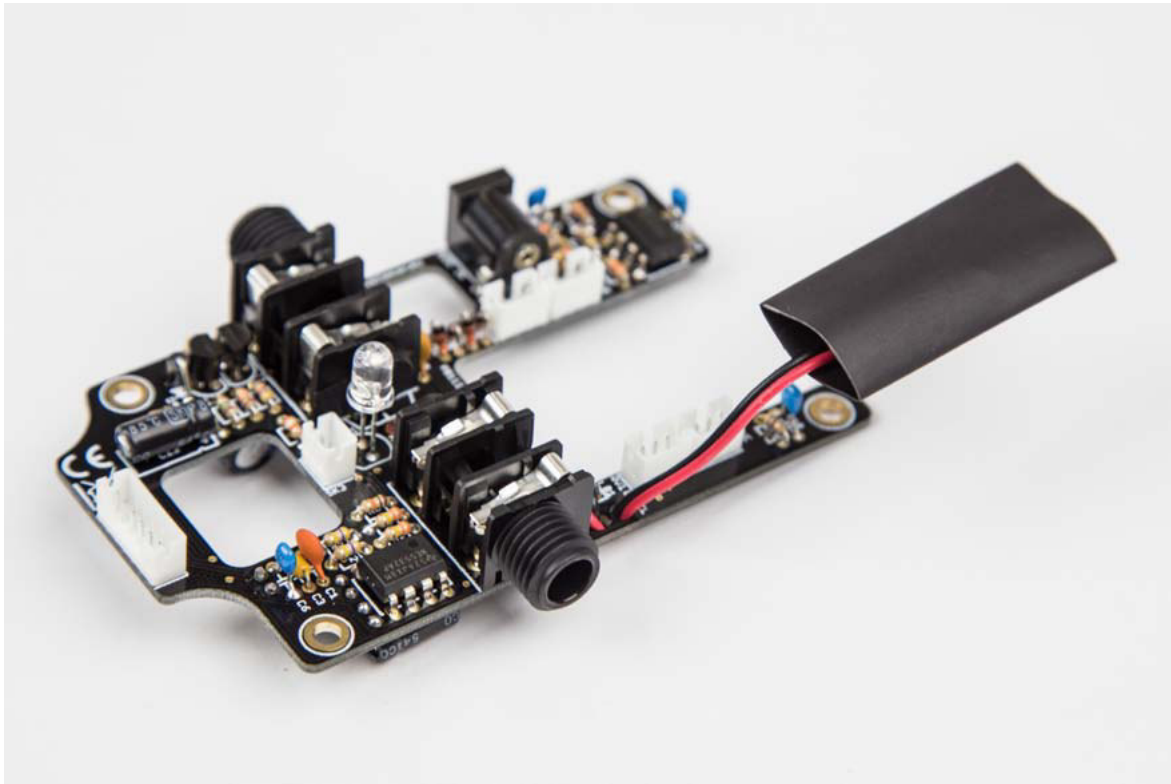
23. Plaats en soldeer de 9 V-batterijclip aan de printplaat (zie afb.)

Let op de polariteit! **ROOD = +**, **ZWART = -**





24. Schuif een stuk van 4.5 cm krimpkous over de connector. **Gebruik steeds dit deksel wanneer er zich geen batterij in het pedaal bevindt.**



25. Plaats de afgewerkte printplaat in de behuizing van het pedaal en bevestig deze met de meegeleverde schroeven.

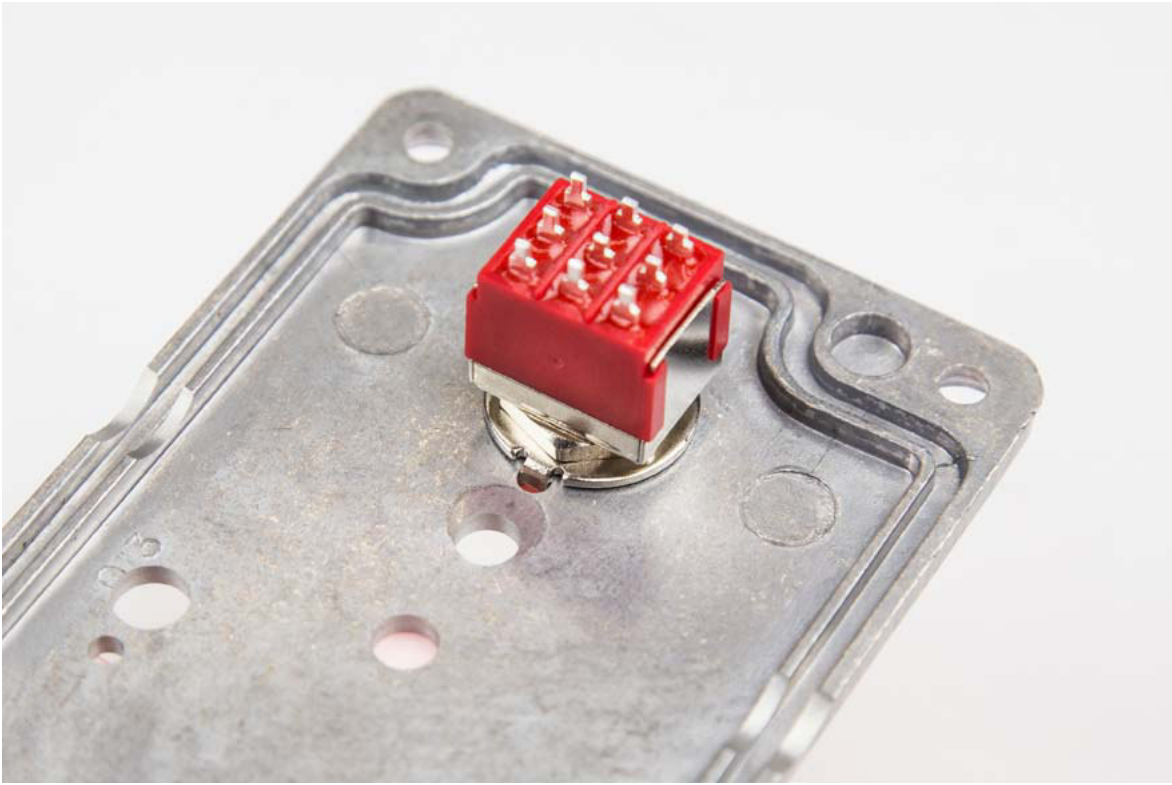


26. Knip 1.5 - 2 mm af van alle pinnen op de voetschakelaar.

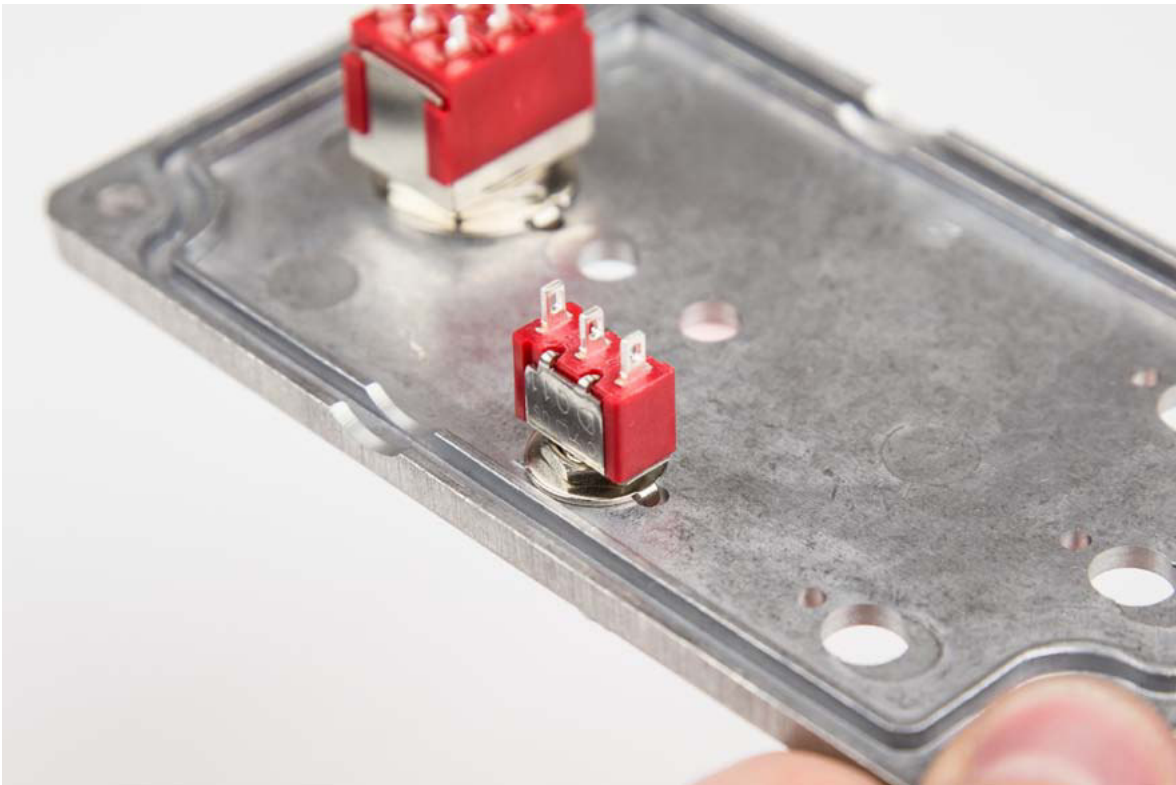


27. Installeer de voetschakelaar zoals op de afbeeldingen.





28. Installeer de keuzeschakelaar zoals op de afbeeldingen.

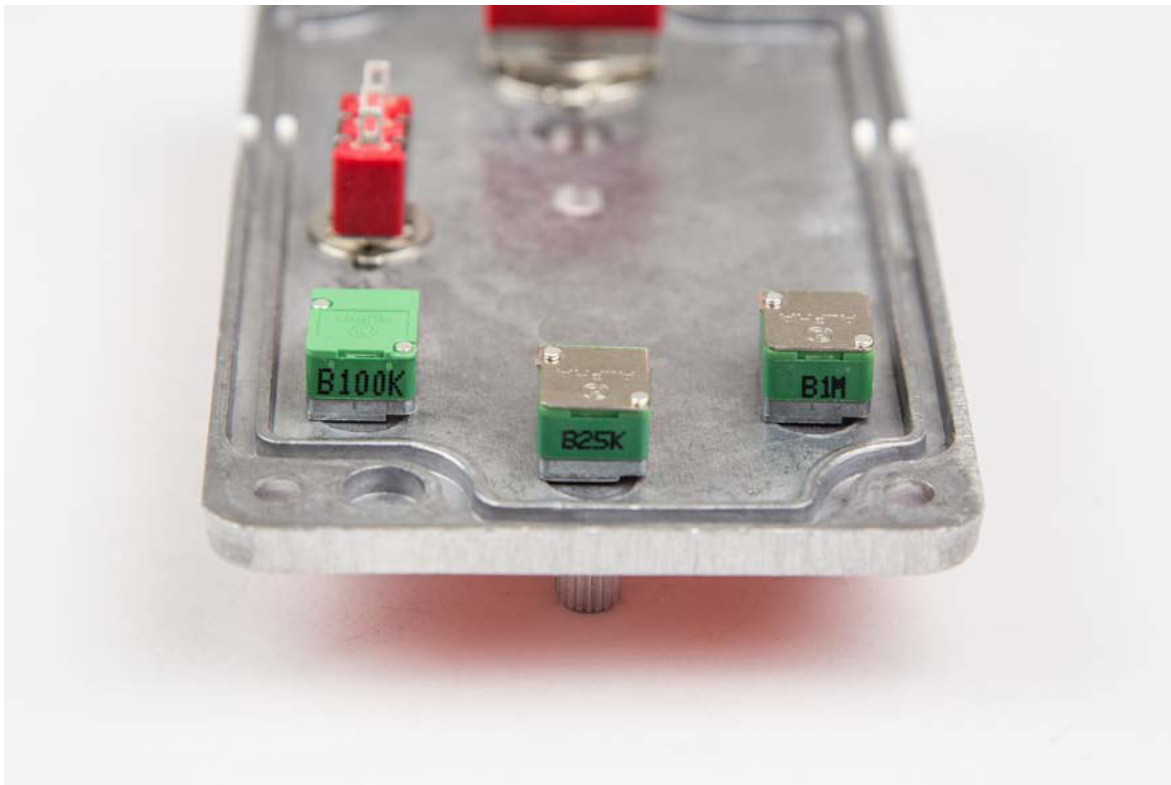






29. Installeer de 3 potentiometers zoals op de afbeeldingen. Let op de plaats van de verschillende waarden!





30. Knip de draden met 6-aderige vrouwelijke connector door tot op 4.5 cm.



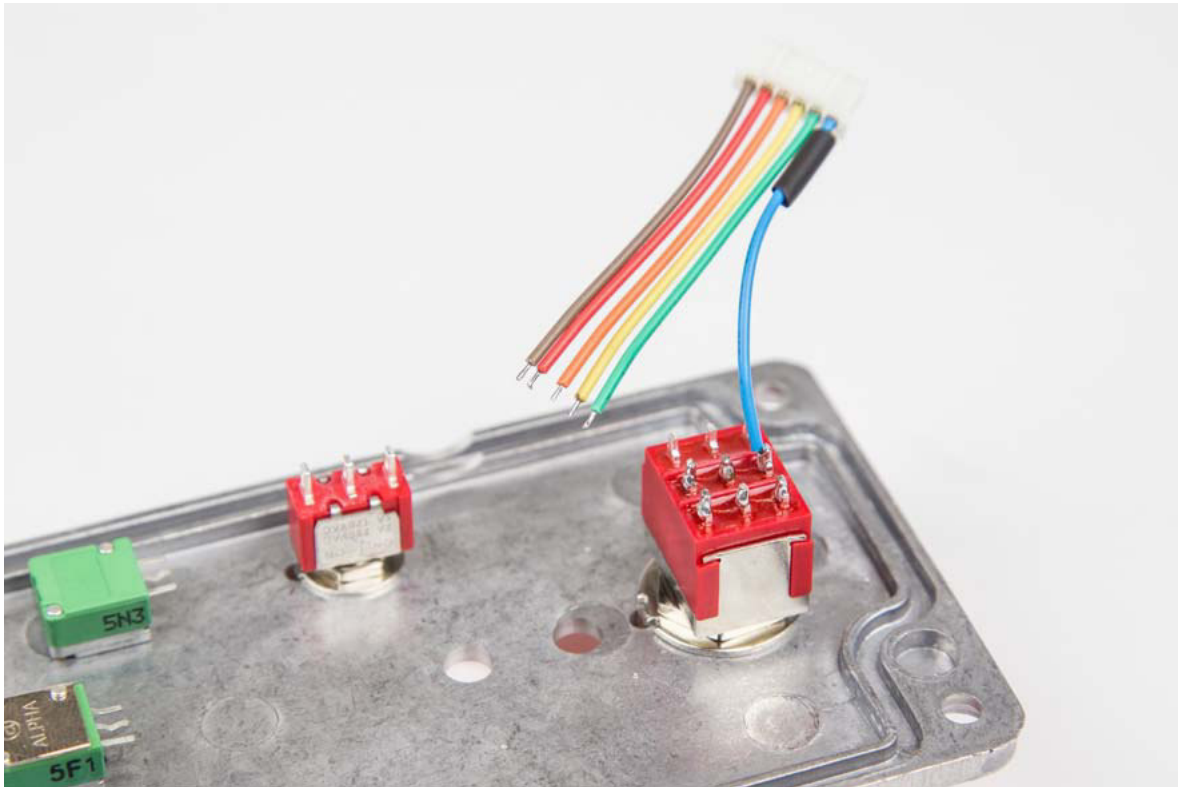
31. Strip en knip de snoeren door.

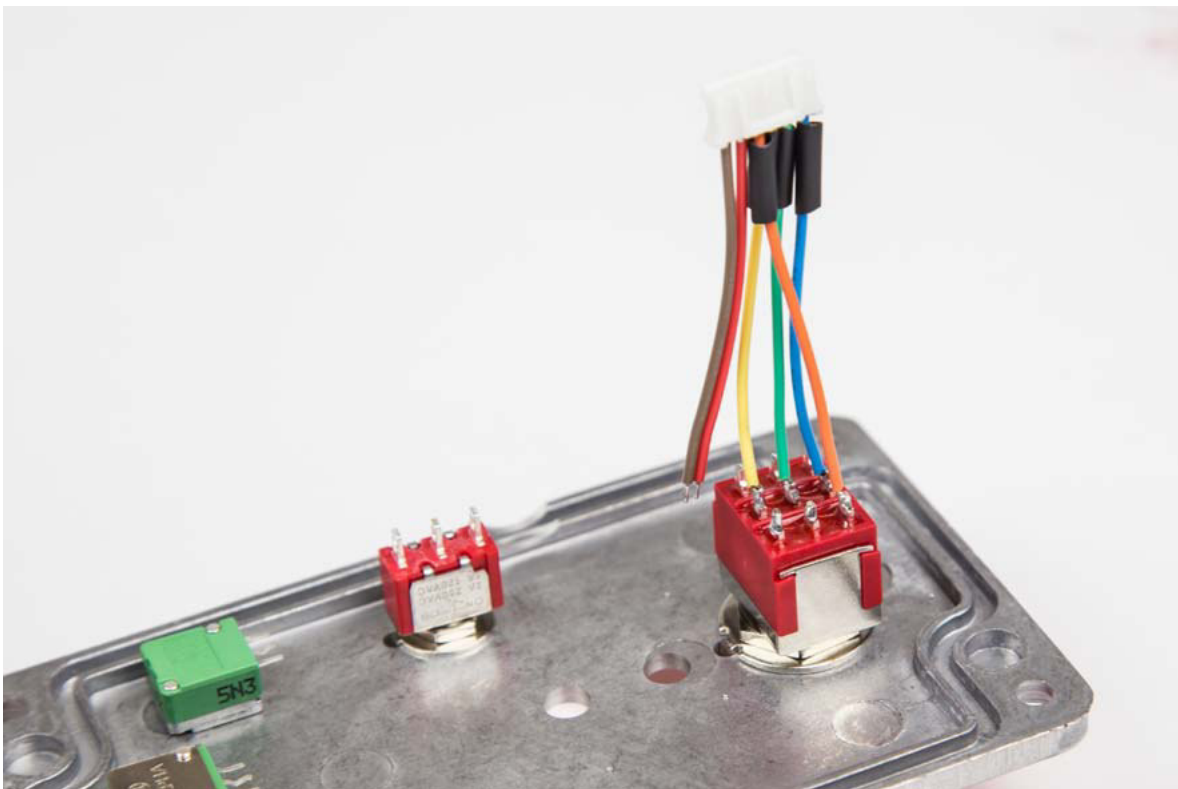
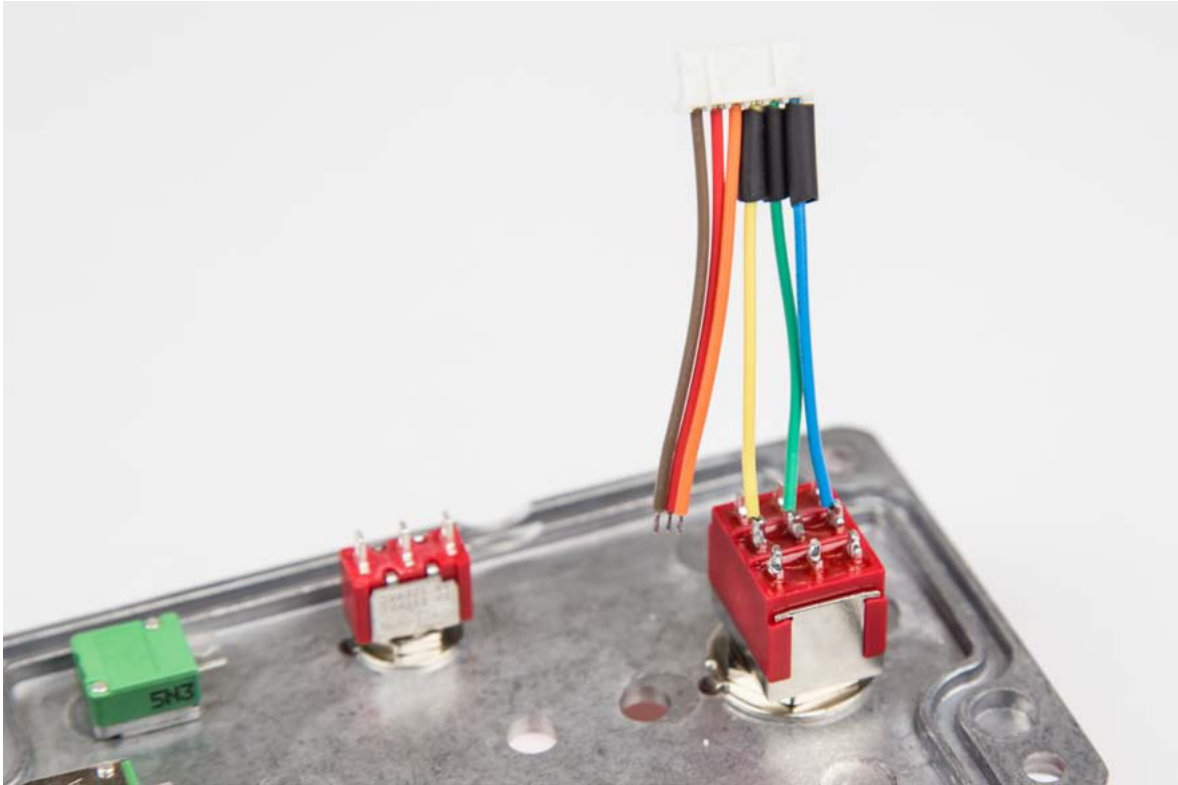


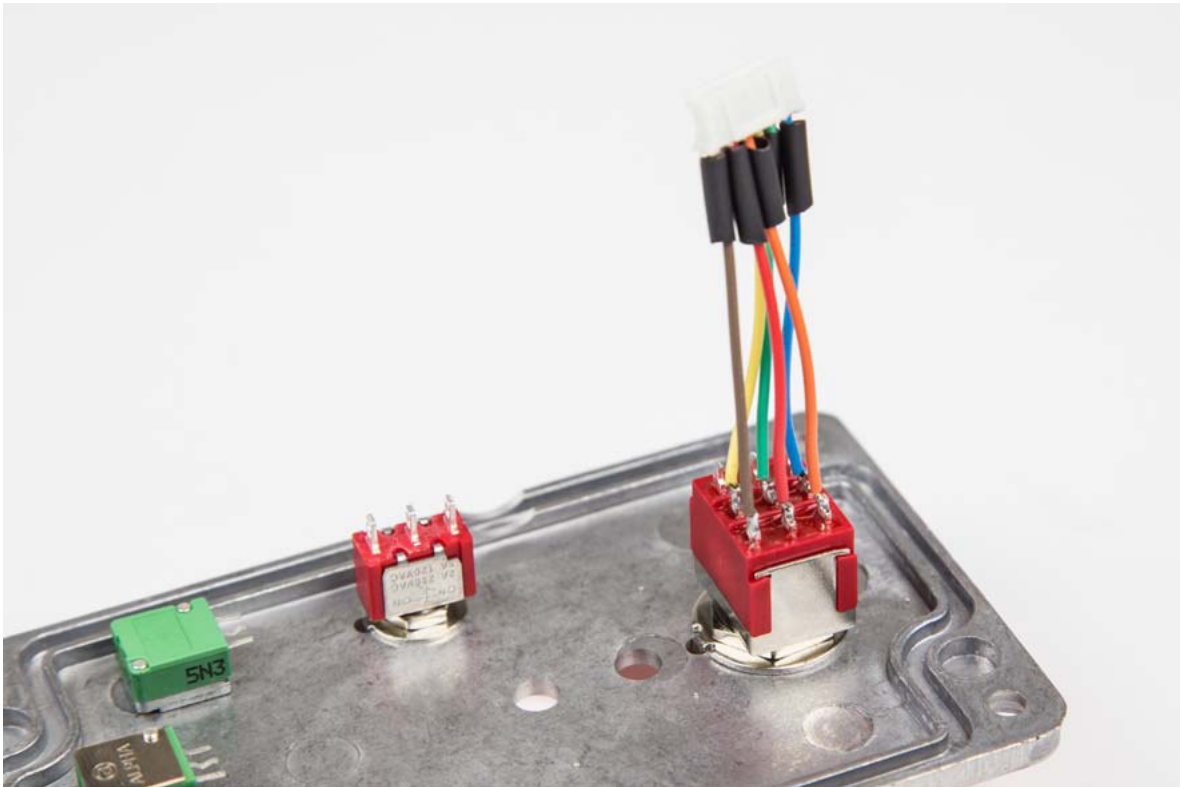
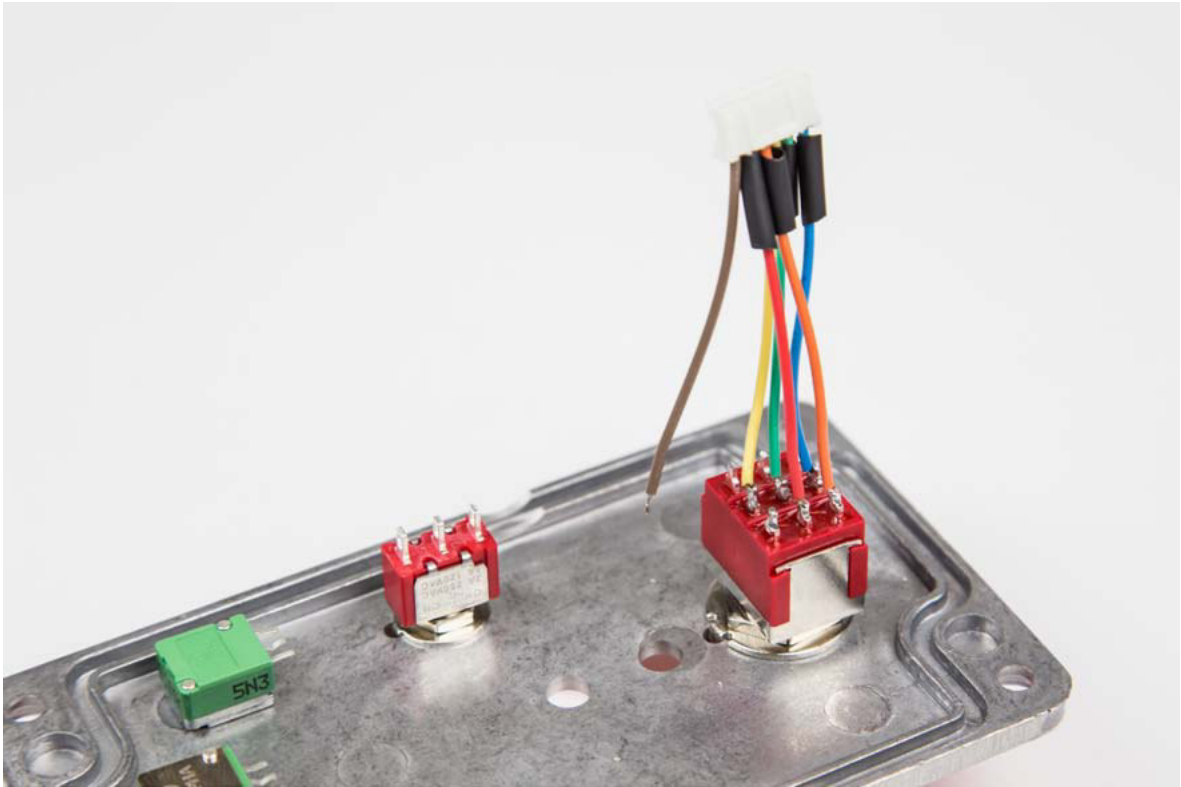
32. Knip 6 x 7 mm van de 2.4 mm-krimpkous af.

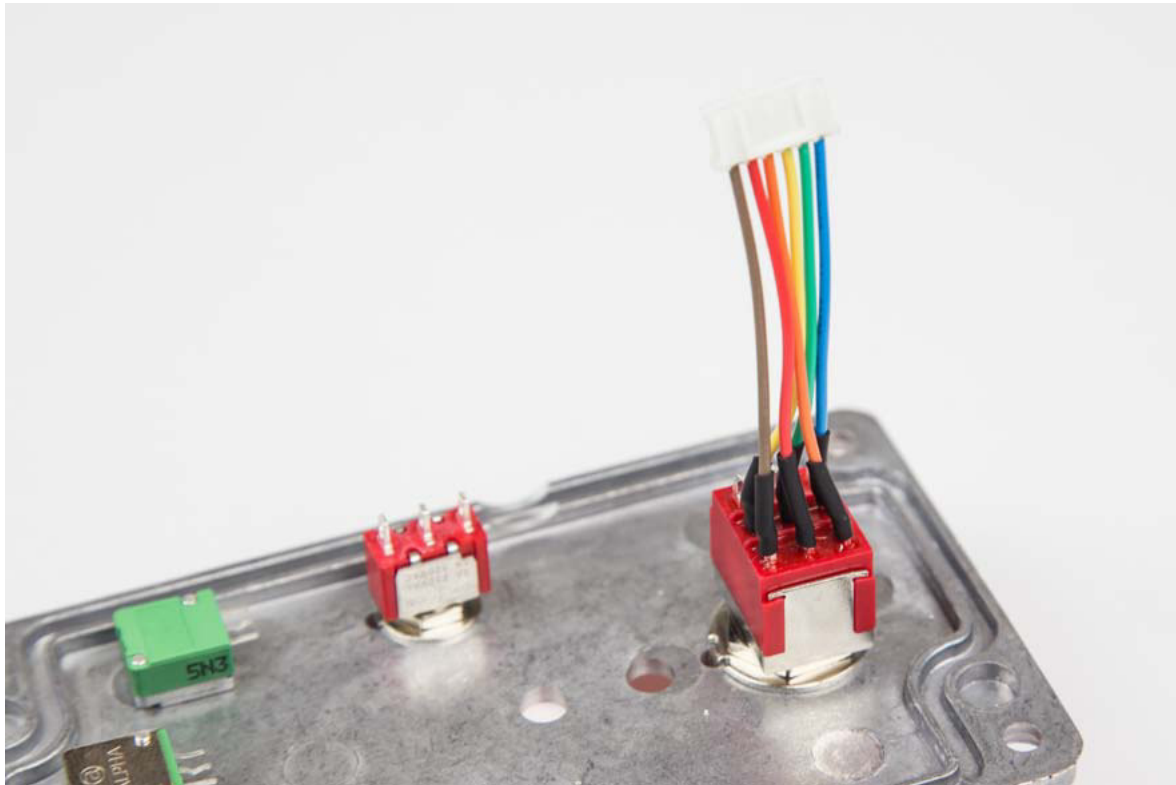


33. Soldeer de draden aan de voetschakelaar (zie afb.). **Vergeet de stukjes krimpkous niet en let op de kleuren.**

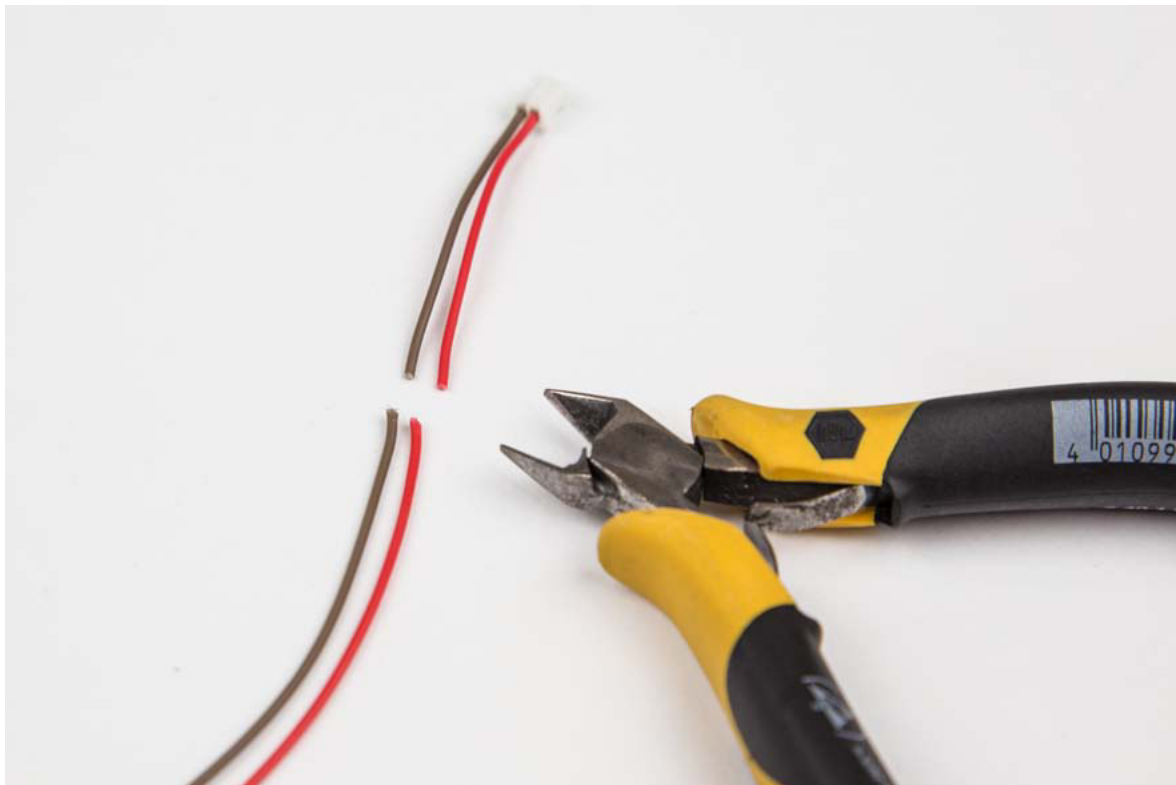








34. Knip de draden met 2-aderige vrouwelijke connector door tot op 4.5 cm.



35. Strip en vertin de aders.

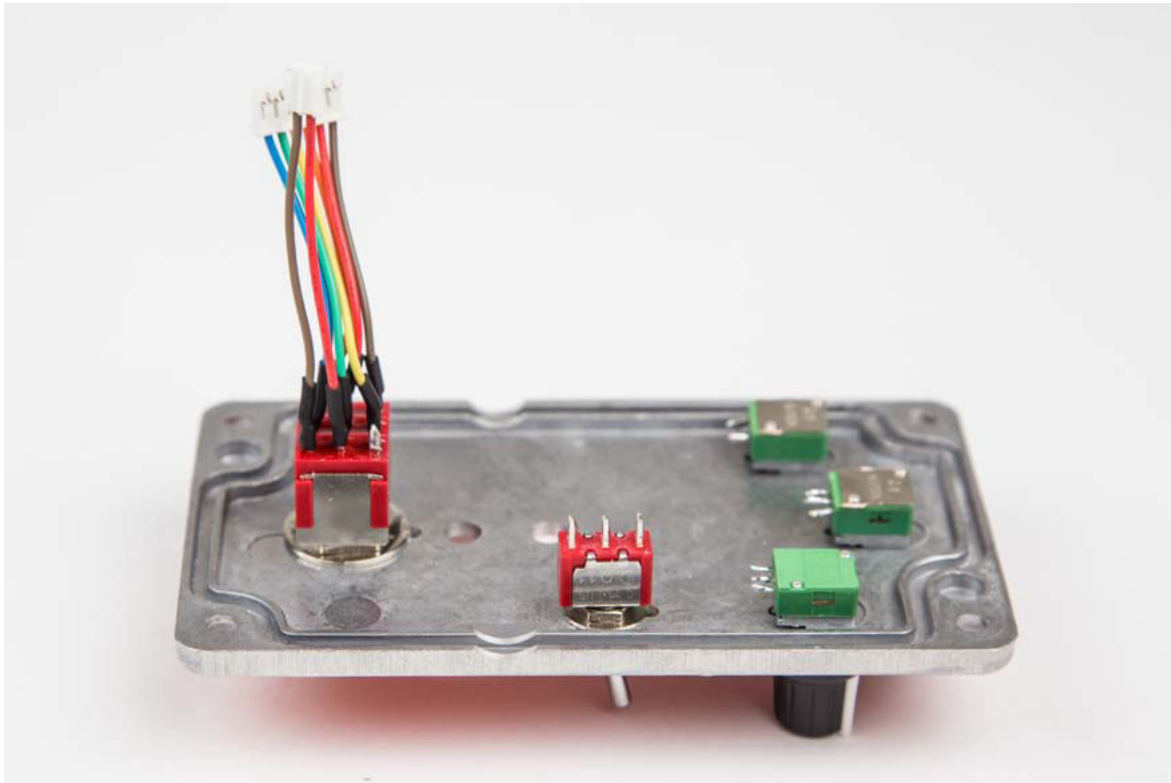


36. Knip 2 x 7 mm van de 2.4 mm-krimpkous af.

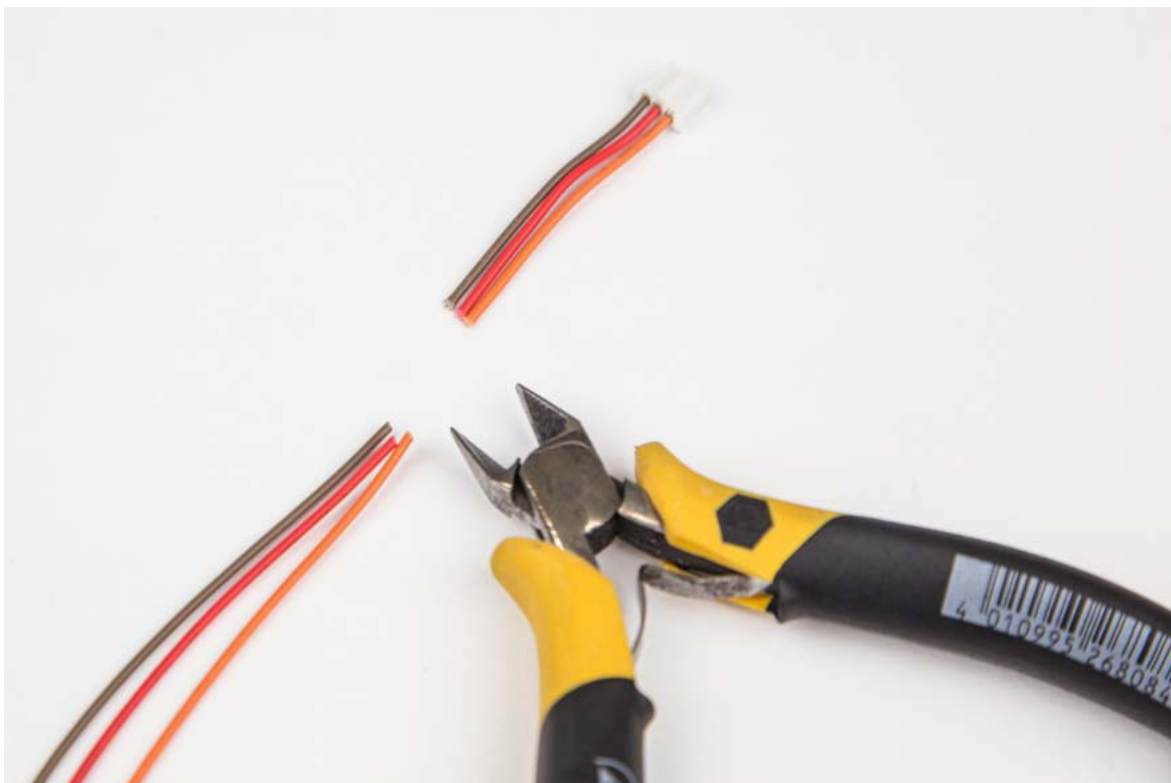




37. Soldeer de draden aan de voetschakelaar (zie afb.). **Vergeet de stukjes krimpkous niet en let op de kleuren.**



38. Knip de draden met 3-aderige vrouwelijke connector door tot op 4.5 cm.



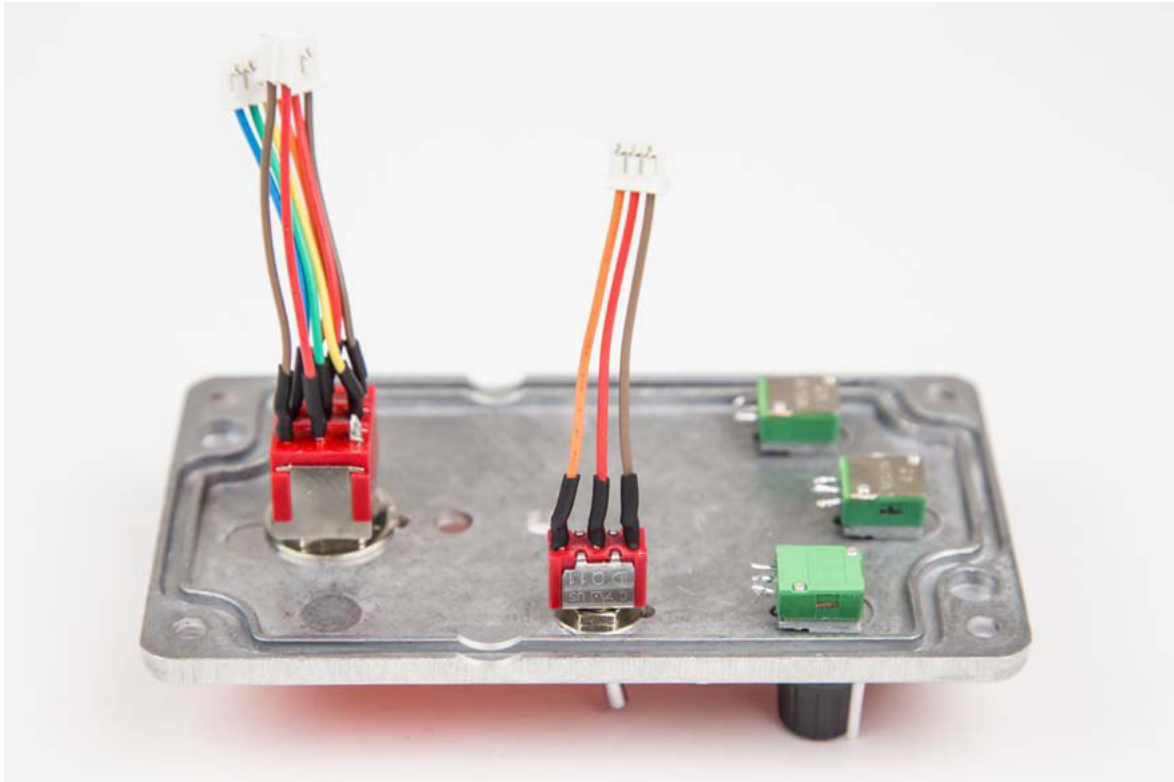
39. Strip en vertin de aders.



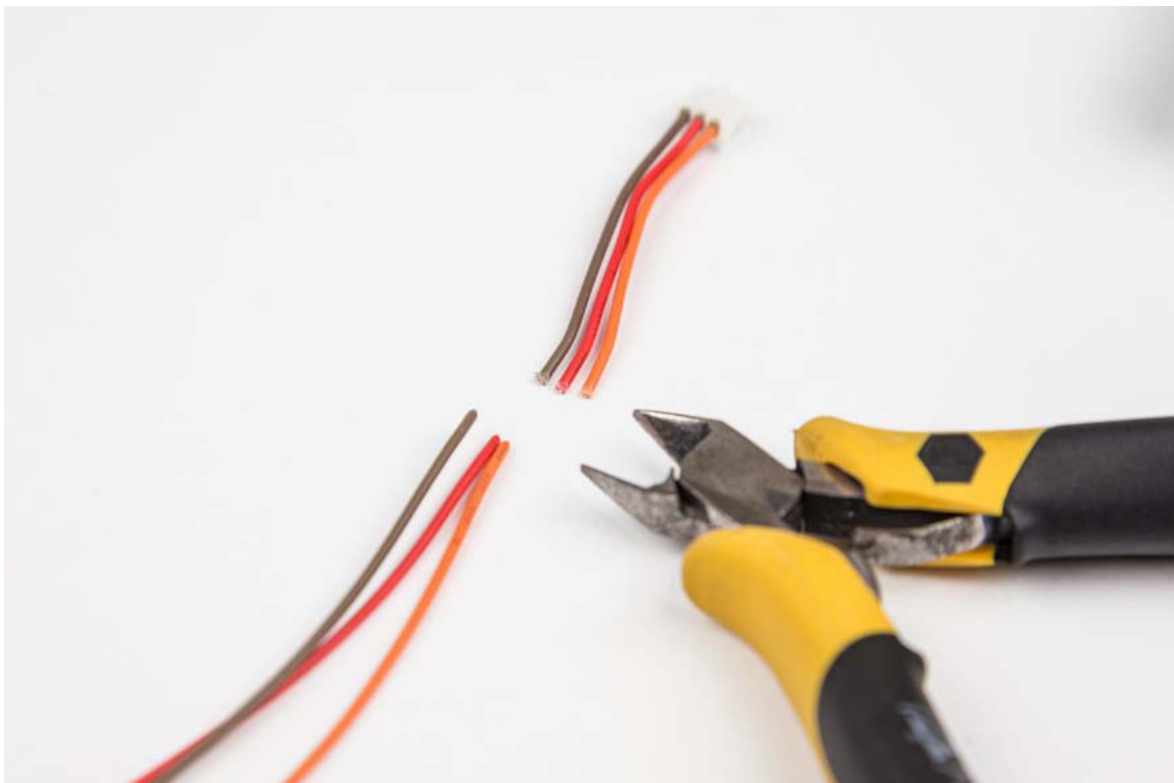
40. Knip 3 x 7 mm van de 2.4 mm-krimpkous af.



41. Soldeer de draden aan de keuzeschakelaar (zie afb.). **Vergeet de stukjes krimpkous niet en let op de kleuren.**



42. Trim the leads of two of the 3 wire female connector to 5 cm.



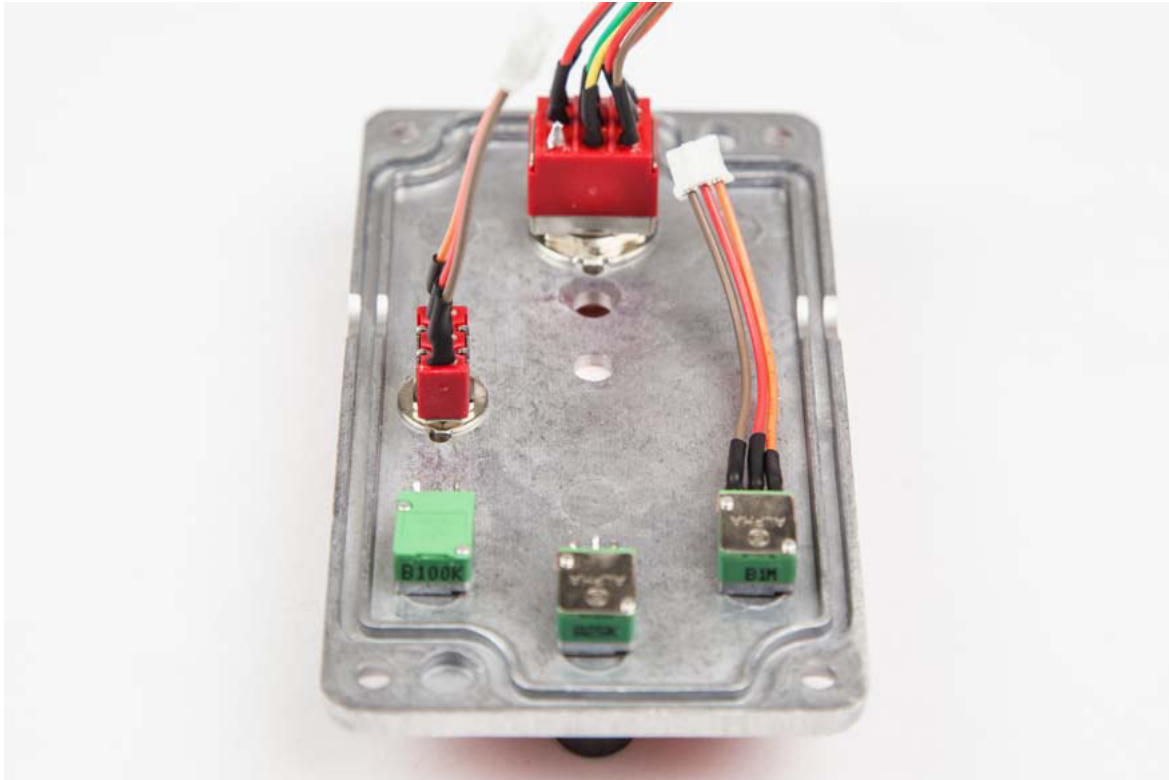
43. Strip en vertin de aders van beide connectoren.



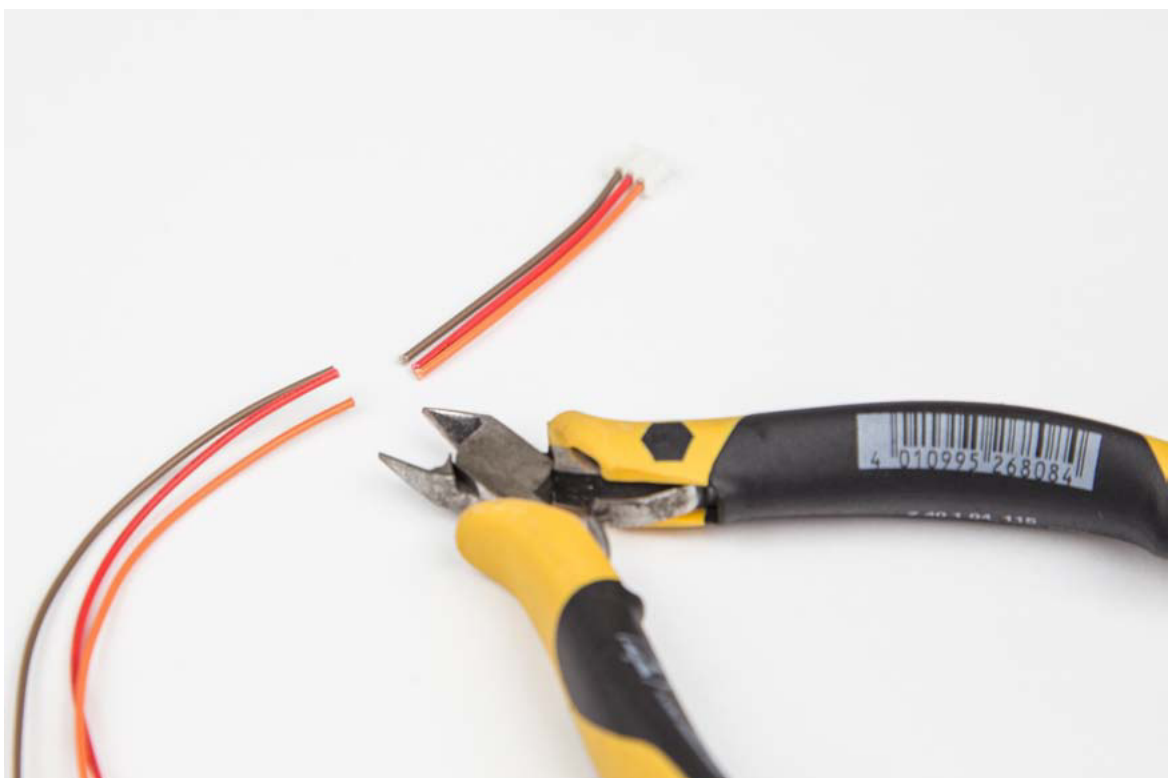
44. Knip 6 x 7 mm van de 2.4 mm-krimpous af.



45. Soldeer de draden aan de 1M potentiometer (zie afb.). Vergeet de stukjes krimpkous niet en let op de kleuren.



46. Knip de draden met 3-aderige vrouwelijke connector door tot op 7 cm.



47. Strip en vertin de aders van de connector.



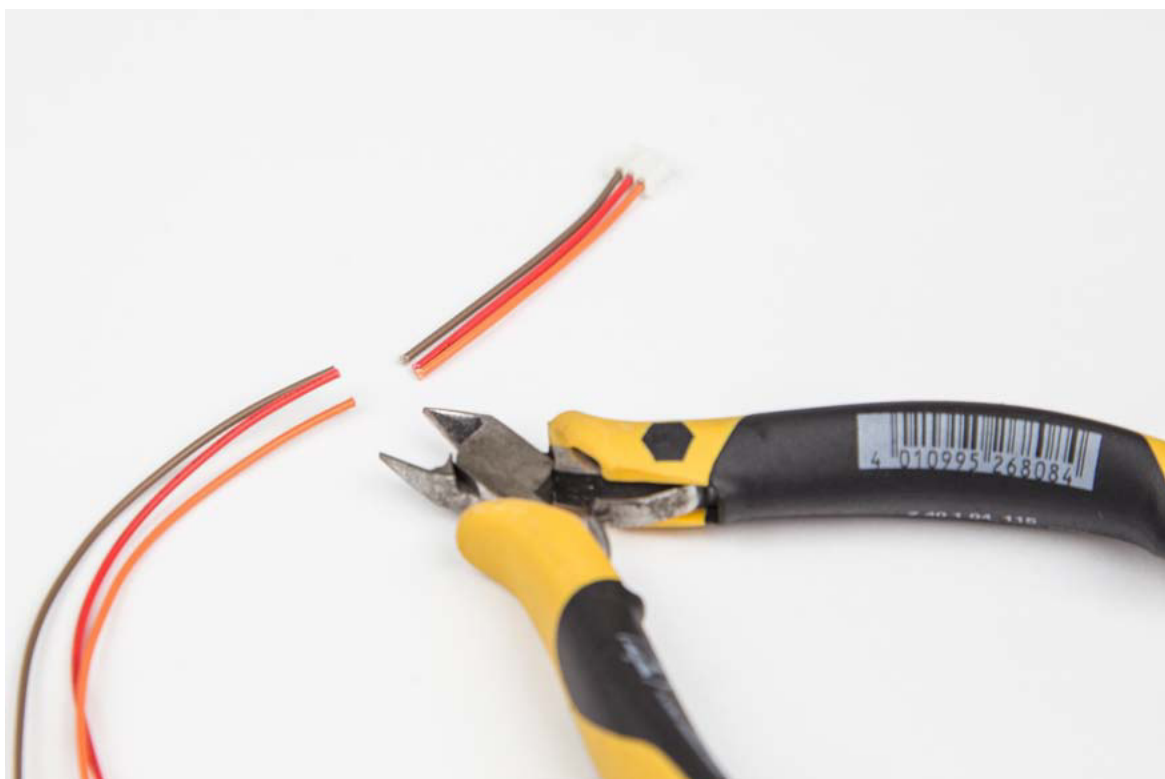
48. Knip 3 x 7 mm van de 2.4 mm-krimpous af.



49. Soldeer de draden aan de 25K-potentiometer (zie afb.). **Vergeet de stukjes krimpkous niet en let op de kleuren.**



50. Knip de draden met 3-aderige vrouwelijke connector door tot op 5 cm.



51. Strip en vertin de aders van de connector.

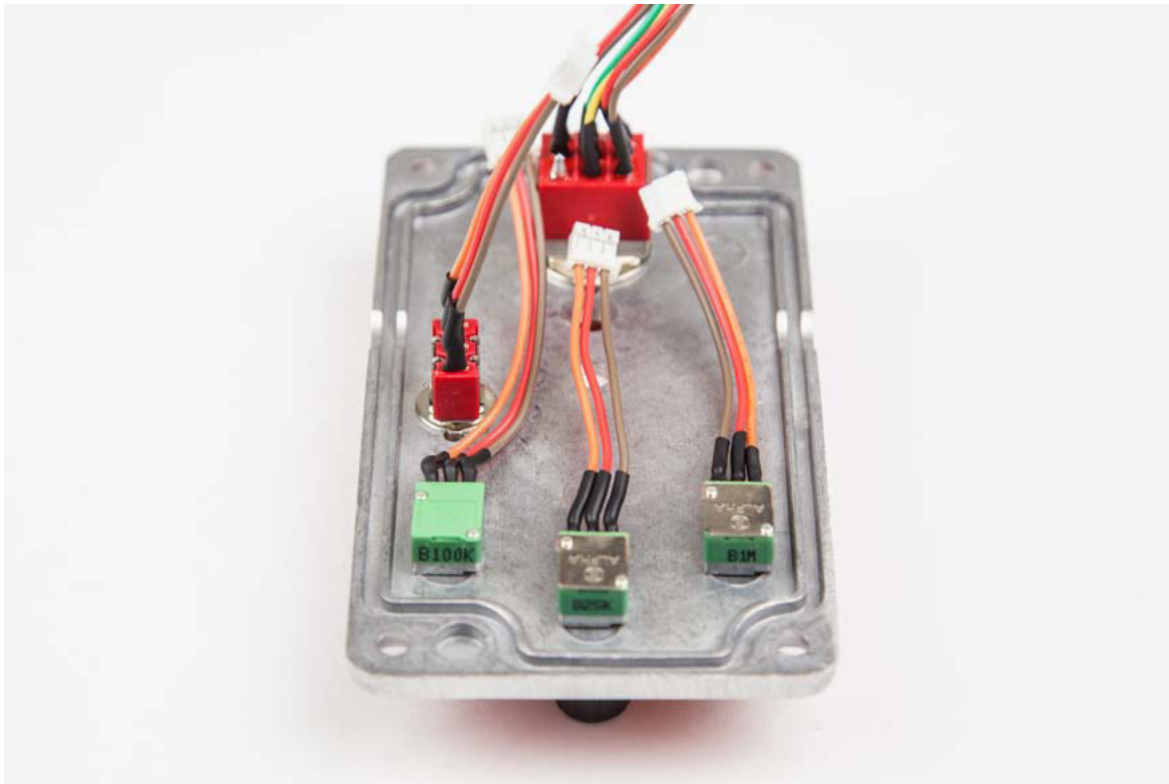


52. Knip 3 x 7 mm van de 2.4 mm-krimpous af.





53. Soldeer de draden aan de 100K-potentiometer (zie afb.). **Vergeet de stukjes krimpkous niet en let op de kleuren.**



54. Schuif de 3 knoppen over de potentiometers.



55. Sluit alle connectoren aan op de correcte plug en sluit de behuizing.



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