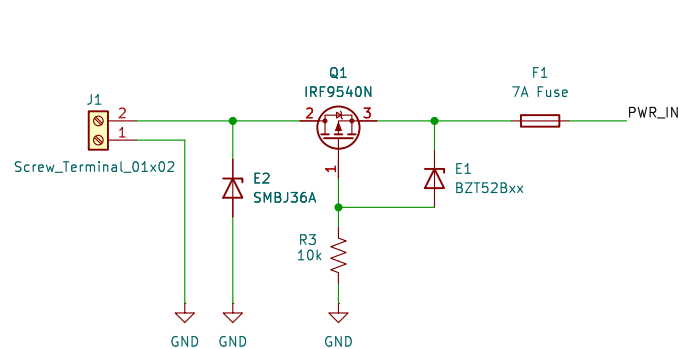
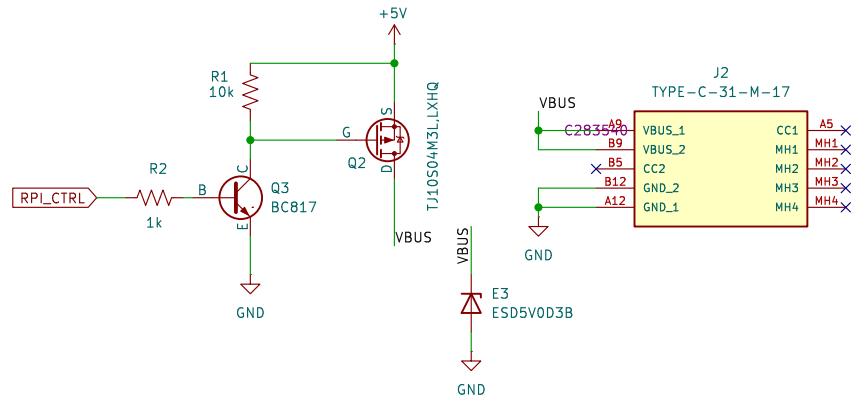


| | | | | | |
|---|--|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| A | | | | | |
| B | <div>Power</div> <div>File: Power.kicad_sch</div> <div>GPS+Switches</div> <div>File: GPS.kicad_sch</div> <div>RPI5+MCU</div> <div>File: RPI5.kicad_sch</div> <div>Photo LED's</div> <div>File: Photo LED'S's.kicad_sch</div> <div>UV LED PCB</div> <div>File: UV LED PCB.kicad_sch</div> | | | | |
| C | | | | | |
| D | <div></div> <div>Sheet: / File: MothBo.kicad_sch</div> <div>Title:</div> <div>Size: A4Date:KiCad E.D.A. 9.0.1</div> <div>Rev:Id: 1/6</div> | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 |

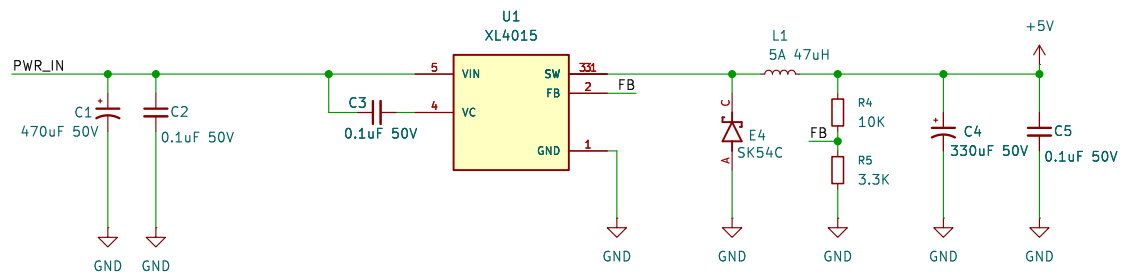
Reverse Protection Circuit



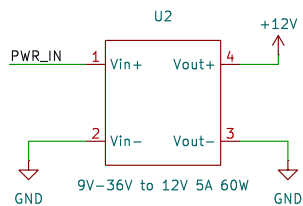
RPI Control Circuit



Buck Convertor (Input PWR to +5V)



Buck-Boost Converter Module(Input PWR to +12V 5A)



Sheet: /Power/
File: Power.kicad_sch

Title:

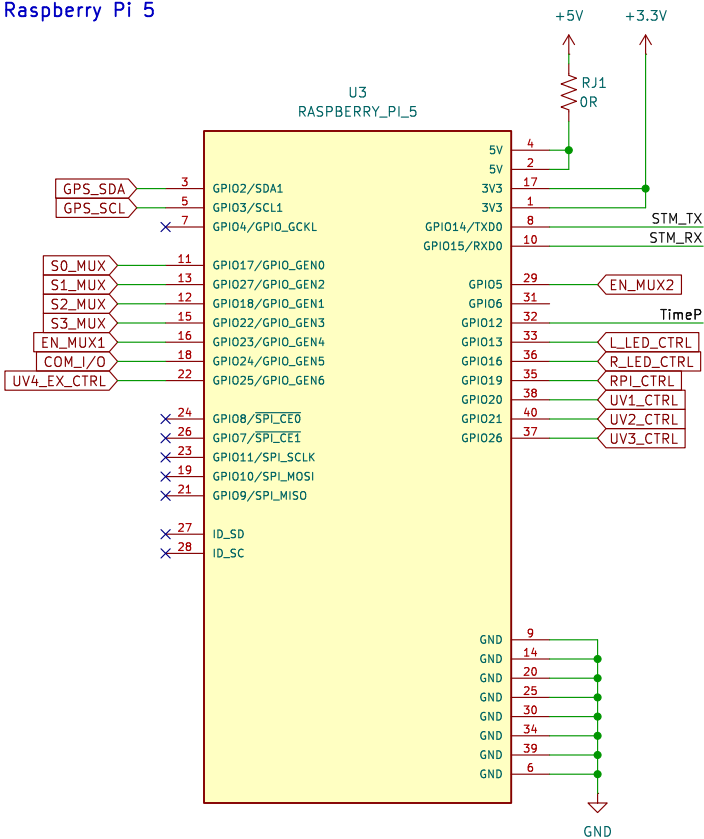
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KiCad E.D.A. 9.0.1

Date:

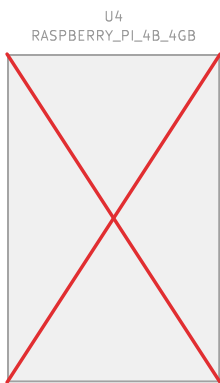
Rev:

Id: 2/6

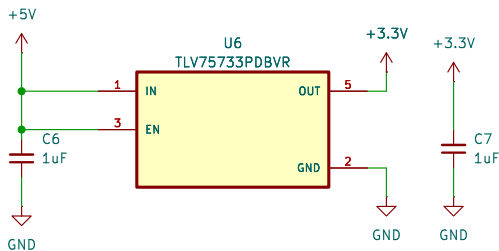
Raspberry Pi 5



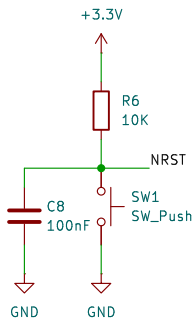
RPI 5 Module



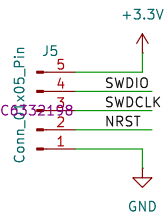
LDO(5V-3.3V)



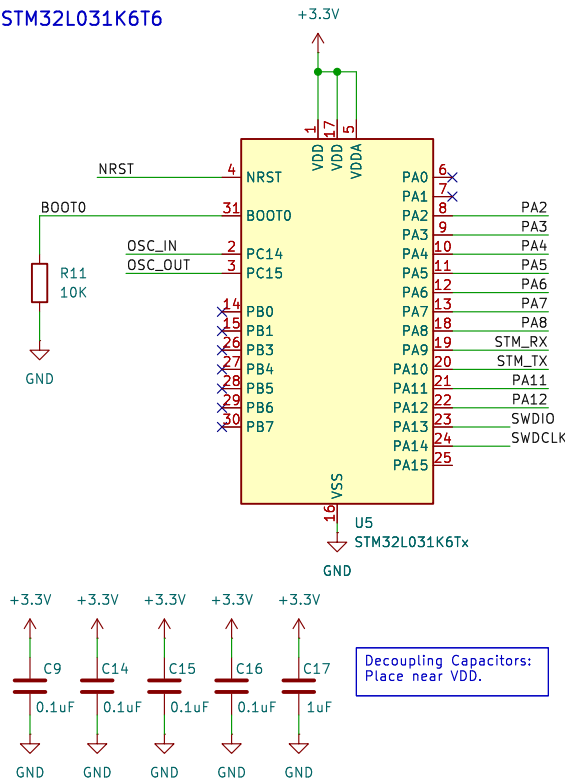
Reset Button



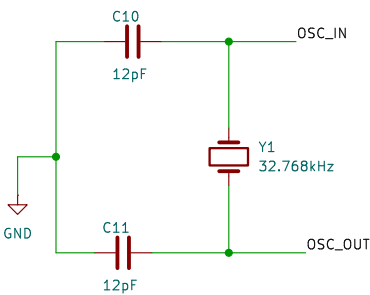
Programming Header(SWD)



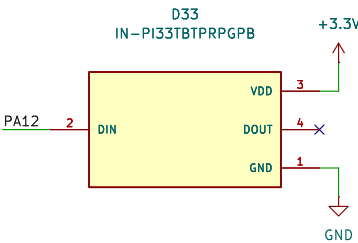
STM32L031K6T6



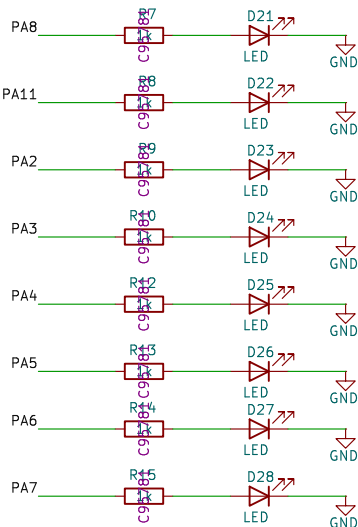
Crystal



RGB LED



Indication LED's



Sheet: /RPI5+MCU/
File: RPI5.kicad_sch

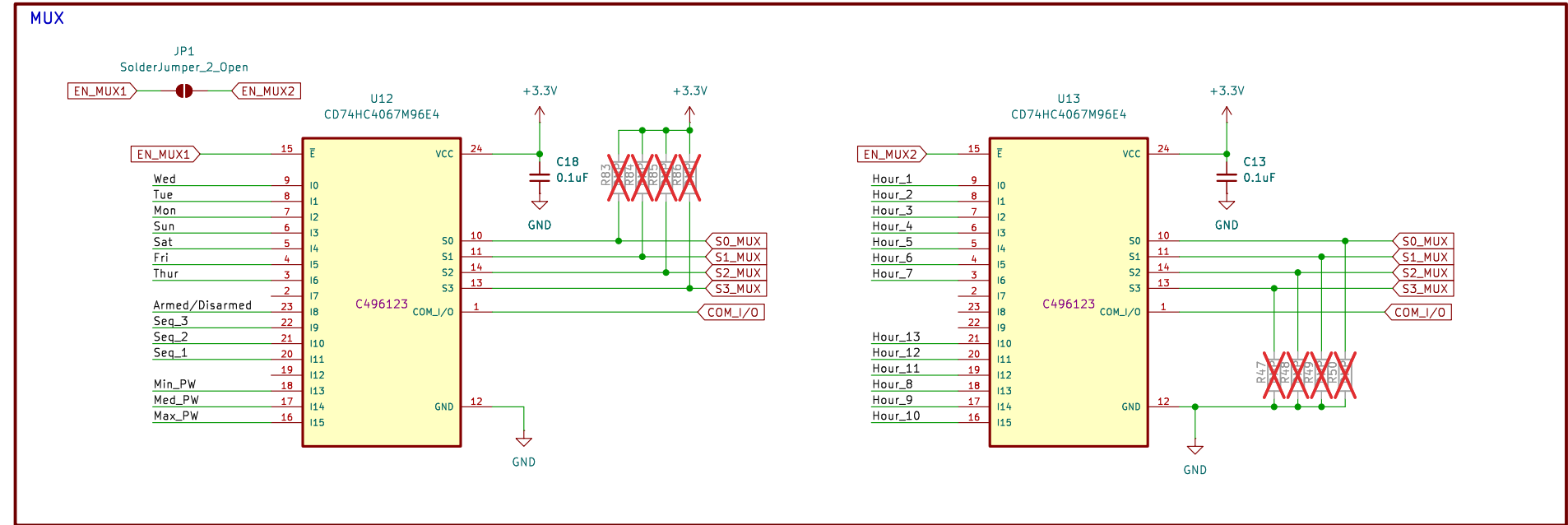
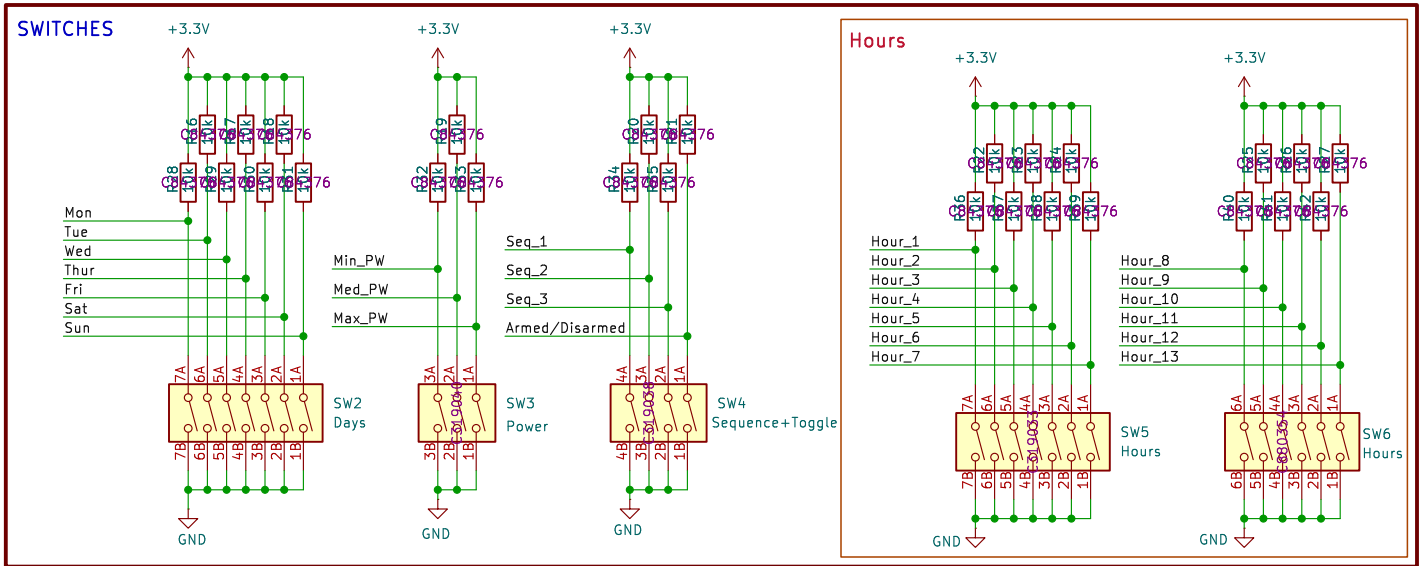
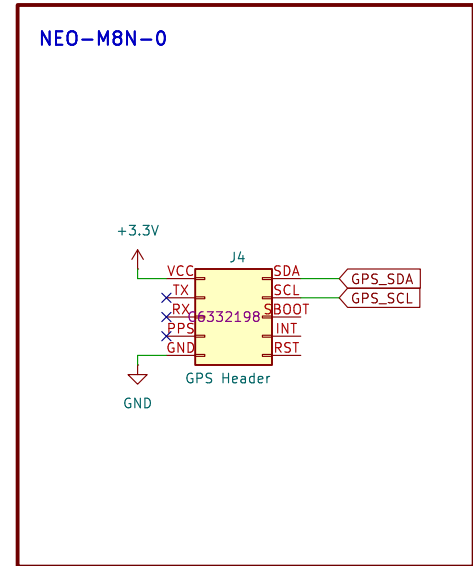
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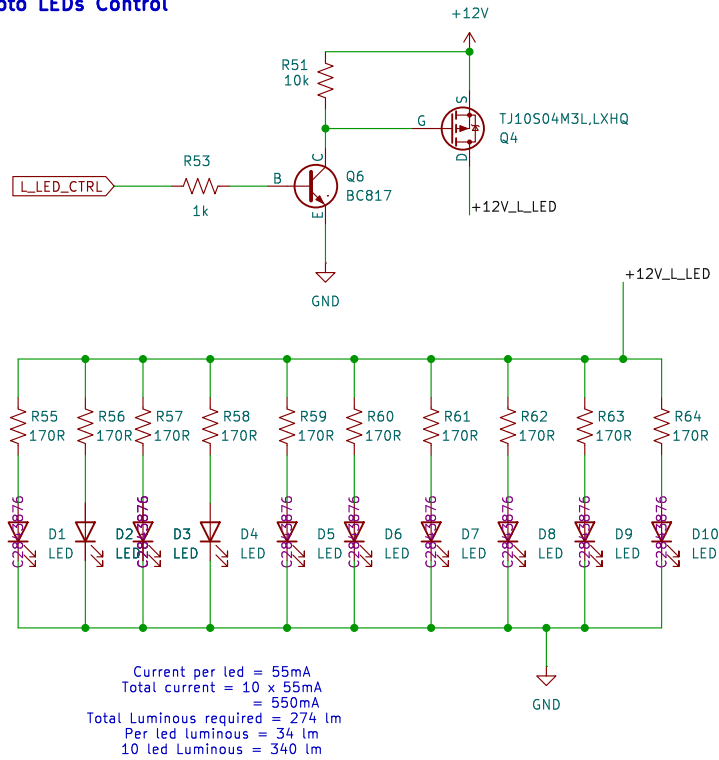
Date:

Rev:

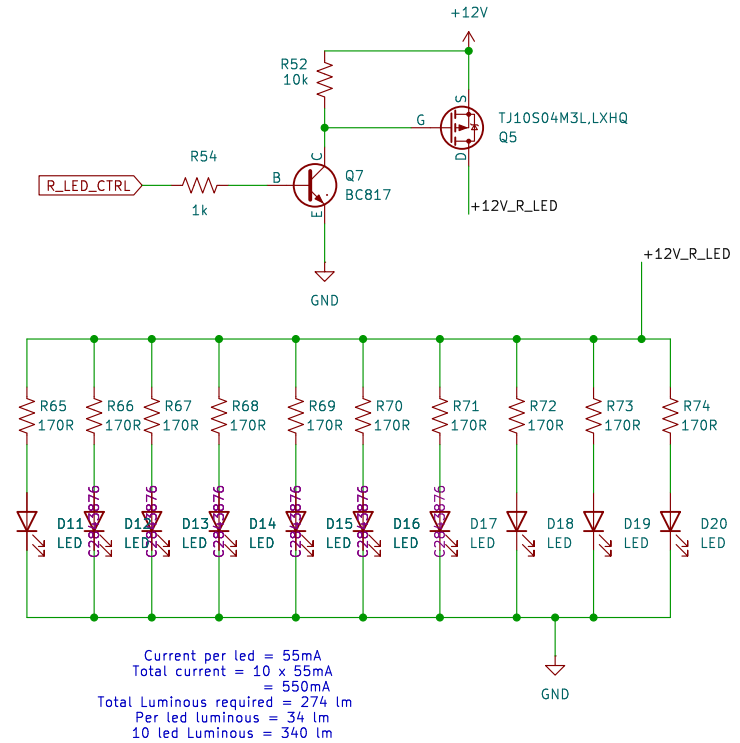
Id: 3/6



Left Photo LEDs Control



Right Photo LEDs Control



Sheet: /Photo LED's/
 File: Photo LED'S.kicad_sch

Title:

Size: A4

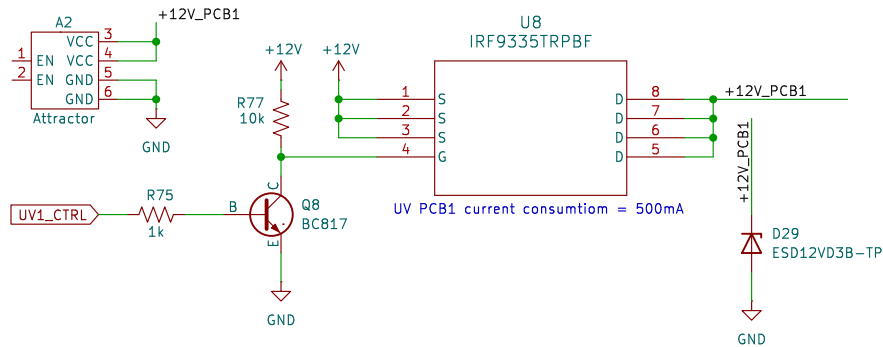
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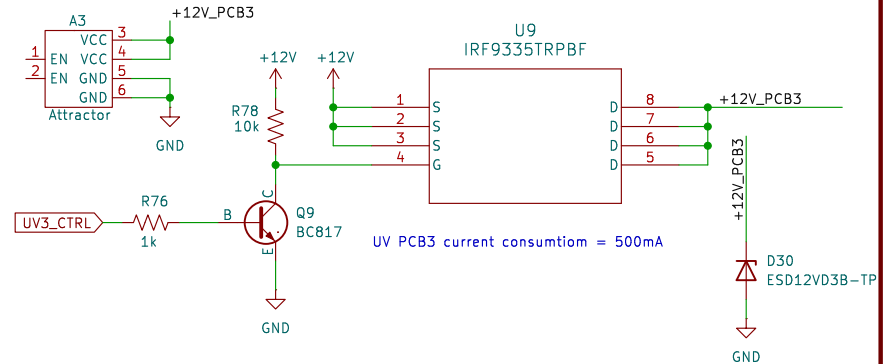
Rev:

Id: 5/6

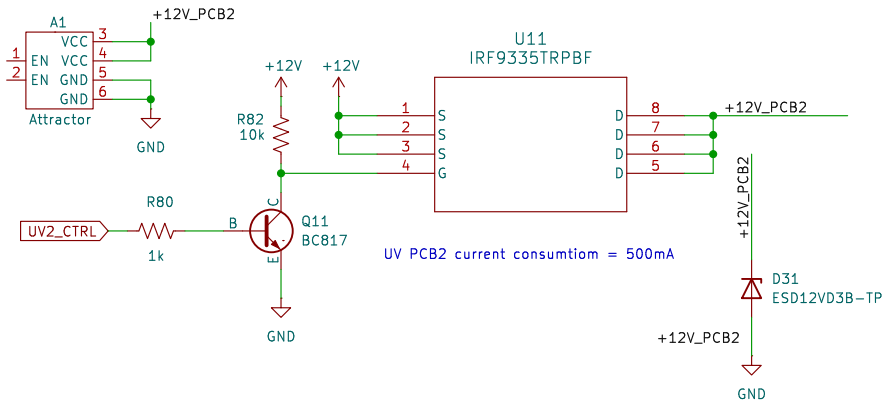
UV PCB1 Control Circuit



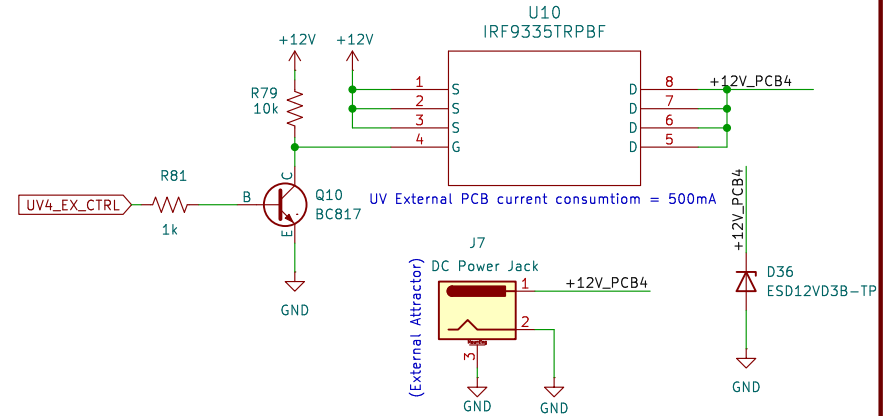
UV PCB3 Control Circuit



UV PCB2 Control Circuit



UV External Attractor



Sheet: /UV LED PCB/
File: UV LED PCB.kicad_sch

Title:

Size: A4

Date:

KiCad E.D.A. 9.0.1

Rev:

Id: 6/6