| ld | Designator   | Footprint                         | Quantity | Designation  | Supplier and ref  |
|----|--------------|-----------------------------------|----------|--|---|
| 1  | U3           | SOT-223-3_TabPin2                 | 1        | Voltage regulator.<br>LD1117S33TR_SOT223   | https://www.digikey.<br>com/en/products/detail/stmicroelectronics/LD1117S33TR/5857<br>66?s=N4IgTCBcDaIDIBECMKDsBIAzJgKgJRAF0BfIA  |
| 2  | C1           | CP_Elec_4x4.5                     | 1        | Cap 10uF   | https://www.digikey.com/en/products/detail/w%C3%BCrth-elektronik/865090240001/5727989   |
| 3  | Q3,Q1        | SOT-23                            | 2        | Transistor<br>MMBT2222A  | https://www.digikey.com/en/products/detail/onsemi/BCW65ALT1G/1476115  |
| 4  | J5           | PinHeader_1x03_P2.54mm_Horizontal | 1        | Pin header<br>Conn_01x03_Pin   | https://www.digikey.com/en/products/detail/w%C3%BCrth-elektronik/61304011021/4846883?gclsrc=aw.ds&&utm_adgroup=&utm_source=google&utm_medium=cpc&utm_campaign=Pmax_Shopping_DK%2B%20Supplier_ITECH&utm_term=&utm_content=&utm_id=go_cm_p-21147141757_adgaddev-c_extprd-4846883_sig-CjwKCAiA9IC6BhA3EiwAsbltOORc4n-sp4bvcxa1lrvjYv2uCOREidbzFhvAHWmFBHrduXCdiZOQDBoCOigQAvD_BwE&gad_source=4&gclid=CjwKCAiA9IC6BhA3EiwAsbltOORc4n-sp4bvcxa1lrvjYv2uCOREidbzFhvAHWmFBHrduXCdiZOQDBoCOigQAvD_BwE&gclsrc=aw.ds    |
| 5  | J4           | PinHeader_2x03_P2.54mm_Vertical   | 1        | Prog_header  |   |
| 6  | J1           | PinHeader_1x03_P2.54mm_Horizontal | 1        | Pin header   | https://www.digikey.com/en/products/detail/w%C3%BCrth-elektronik/61304011021/4846883?gclsrc=aw.ds&utm_adgroup=&utm_source=google&utm_medium=cpc&utm_campaign=Pmax_Shopping_DK%2B% 20Supplier_ITECH&utm_term=&utm_content=&utm_id=go_cm_p-21147141757_adg_ad_dev-c_ext-prd-4846883_sig-CjwKCAiA9IC6BhA3EiwAsbltOORc4n-sp4bvcxa1lrvjYv2uCOREidbzFhvAHWmFBHrduXCdiZOQDBoCOigQAvD_BwE&gad_source=4&gclid=CjwKCAiA9IC6BhA3EiwAsbltOORc4n-sp4bvcxa1lrvjYv2uCOREidbzFhvAHWmFBHrduXCdiZOQDBoCOigQAvD_BwE&gclsrc=aw.ds |
| 7  | C2           | C_0805_2012Metric                 | 1        | Cap<br>100nF   | https://www.digikey.com/en/products/detail/kemet/C0805C104K5RAC7800/411169  |
| 8  | R1,R2        | R_0805_2012Metric                 | 2        | Resistor<br>2K2  |   |
| 9  | U2           | SOIC-8W_5.3x5.3mm_P1.27mm         | 1        | ATtiny85   | https://www.digikey.com/en/products/detail/microchip-<br>technology/ATTINY85-20SU/735470  |
|    |              | High power LEDs                   | 2        | Ledguhong - 10PCS White SMD<br>LED Chip,High Intensity Bright<br>3535 Light Emitter Diode Repair<br>Flashlights Lamp Bulb DIY<br>Lighting Equipment (3.2-3.6V,<br>700mA,White 6000-7000K,<br>60deg,Aluminum Oxide) | https://www.amazon. com/gp/product/B0CHHSSFFB/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&th=1  |
|    | To program b | N/A                               | 1        | Pogo pin 2x3   | https://www.digikey.com/en/products/detail/adam-tech/PH2-3B-06-MVP-3345/9831984   |