

| Quantity | Value                                | Type                                 | Package      | Part Numbers             | Source  | Source Part #     | Comments                 |
|----------|--------------------------------------|--------------------------------------|--------------|--------------------------|---------|-------------------|--------------------------|
| 2        | Resistor 33R, 1%                     |                                      | 0402         | R5, R6                   | Digikey | P3.0LCT-ND        | Generic part.            |
| 6        | Resistor 1K5, 1%                     |                                      | 0402         | R1, R3, R4, R7, R11, R12 | Digikey | P1.50KLCT-ND      | Generic part.            |
| 4        | Resistor 10K, 1%                     |                                      | 0402         | R2, R8, R9, R10          | Digikey | P10.0KLCT-ND      | Generic part.            |
| 2        | Ceramic capacitor 18pf 1% 50V        |                                      | 0402         | C3, C4                   | Digikey | 490-6203-1-ND     | Generic part.            |
| 2        | Ceramic capacitor 0.1u 50v           |                                      | 0603         | C5, C6                   | Digikey | 311-1344-1-ND     | Generic part.            |
| 2        | Ceramic capacitor 2.2, 10v, 10%      |                                      | 0603         | C1, C2                   | Digikey | 45-5958-1-ND      | Generic part.            |
| 1        | LED green                            |                                      | 0402         | LED1 (USB)               | Digikey | 754-1101-1-ND     | Generic part.            |
| 1        | LED red                              |                                      | 0402         | LED2 (LED)               | Digikey | 754-1104-1-ND     | Generic part.            |
| 1        | LED blue                             |                                      | 0402         | LED3 (PWR)               | Digikey | 754-1504-1-ND     | Generic part.            |
| 1        | MBT3906                              | Transistor PNP                       | SOT23        | T1                       | Digikey | MBT3906-TPCT-ND   | Generic part.            |
| 1        | BAS40-05                             | Dual Schottky diodes, common cathod. | SOT23-5      | D1                       | Digikey | BAS40-05TPMSCT-ND | Generic part.            |
| 1        | PRTR5V0U2X                           | TVS USB ESD protection diodes.       | SOT143B      | U1                       | Digikey | 568-4140-1-ND     |                          |
| 1        | MIC5225-3.3v                         | LDO                                  | SOT23-5      | U2                       | Digikey | 576-2980-1-ND     | Generic part.            |
| 1        | LPC11U35FHI33/501                    | MCU ARM/M0                           | 3HVQFN 5x5mm | U3                       | Digikey | 568-9586-ND       |                          |
| 1        | Crystal 12Mhz, 18pf                  |                                      | 1.5 x 3.2mm  | Q1                       | Digikey | CTX839CT-ND       |                          |
| 1        | SWD header 2x5, 0.05", through hole. |                                      |              | J2                       | Digikey | 952-1383-ND       | Generic part.            |
| 1        | Micro USB 'reversed' connector       | Connector                            |              | J1                       | Digikey | H11611CT-ND       | Must be 'reversed' type. |
| 2        | Tactile switch                       |                                      | 3.2 x 4.2mm  | S1, S2                   | Digikey | CKN10502CT-ND     |                          |