Список компанентов для сборки

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| **Qty** | **Item** | **Value** | **Size** | **Typical parts** |
| 2 | Ceramic capacitor | 12pF | 0805 | As required by crystal |
| 1 | Ceramic capacitor | 100nF | 0805 |  |
| 1 | SMD resistor | 220Ω | 0805 | 5% |
| 1 | SMD resistor | 6.8kΩ | 0805 | 5% |
| 1 | SMD resistor | 24kΩ | 0805 | 5% |
| 2 | SMD resistor | 4.7kΩ | 0805 | 5% |
| 1 | Microcontroller | ATtiny84 | SOIC | [ATtiny84A-SSF](https://uk.farnell.com/microchip/attiny84a-ssf/mcu-8bit-avr-20mhz-soic-14/dp/2809926) |
| 2 | Schottky Diodes | MBR0520 | SOD-123 | [MBR0520LT1G Schottky Rectifier 20V 500mA](https://uk.farnell.com/on-semiconductor/mbr0520lt1g/diode-schottky-0-5a-20v-smc/dp/9556915" \t "_blank) |
| 1 | SMD Pushbutton |  |  | [Mini Pushbutton Switch - SMD](https://www.sparkfun.com/products/8720) |
| 1 | Crystal | 12MHz | 5x3.2mm | [ABM3BAIG-12.000MHz-12-4-T Abracon Crystal 12MHz SMD](https://uk.farnell.com/abracon/abm3baig-12-000mhz-12-4-t/crystal-aec-q200-12mhz-12pf-5x3/dp/2986189" \t "_blank) |
| 1 | OLED display | I2C 128 x 32 | 0.91" | [0.91 inch 128x32 I2C IIC Serial OLED LCD Display Module](https://www.aliexpress.com/item/5pcs-0-91-inch-128x32-I2C-IIC-Serial-Blue-OLED-LCD-Display-Module-0-91-12832/32808724036.html" \t "_blank) |
| 1 | Lipo cell cell | 3.7V | 12mm x 15mm | [401215 Lipo 3.7V 40mAh 1S](https://www.amazon.co.uk/gp/product/B0847G2N14/) |
| 1 | PCB | Double-sided | 58.5 x 12.8mm |  |