



| Designator | Footprint | Description | Comment | Quantity | Value |
|------------|----------------|--|---------------|----------|-------|
| C1, C2 | 0603_C | Capacitor | C0603 | 2 | 20pF |
| C3 | 0603_C | Capacitor | C0603 | 1 | 0.1uF |
| C4, C6 | 0603_C | Capacitor | 1uf | 2 | 1uF |
| C5 | 0603_C | Capacitor | 104 | 1 | 0.1uF |
| C7 | 0603_C | Capacitor | 223 | 1 | 223 |
| D1 | 0603_LED | Typical RED, GREEN, YELLOW, AMBER GaAs LED | RED | 1 | |
| D2 | 0603_LED | Typical RED, GREEN, YELLOW, AMBER GaAs LED | GREEN | 1 | |
| J1, J2 | HEADER_20x1 | | Header 20 | 2 | |
| J3 | MICRO_USB | | Micro USB B | 1 | |
| logo | | | logo | 1 | |
| P1 | HEADER_4x1 | Header, 4-Pin | Header 4 | 1 | |
| R2, R6, R7 | 0603_R | Resistor | R0603 | 3 | 10K |
| R4, R5 | 0603_R | Resistor | R0603 | 2 | 1K |
| S1 | SMT_SW_PTS_820 | Switch | SW-PB | 1 | |
| U1 | LQFP48_N | LowPower MCU | STM32F103C8T6 | 1 | |
| U2 | SOT23-5 | | RT9193-33 | 1 | |
| X1 | 49SMD | | XTAL | 1 | 8MHz |