



| Comment     | Description  | Designator     | Footprint  | LibRef      | Quantity |
|-------------|--|----------------|------------|-------------|----------|
| CAP_1       | Capacitor  | C1             | 1210       | CAP_1       | 1        |
| CAP_1       | Capacitor  | C2, C3         | 6-0805_N   | CAP_1       | 2        |
| CAP_1       | Capacitor  | C7, C8         | 1608[0603] | CAP_1       | 2        |
| SMD-Crystal |  | Cry1           | 3225       | Crystal     | 1        |
| CON7        | Connector  | J1, J2, J3, J4 | CON7       | CON7        | 4        |
| INDUCTOR    |  | L2             | 14-1210    | INDUCTOR    | 1        |
| LED_3       |  | LED3           | 6-0805_N   | LED_3       | 1        |
| 000         |  | R2, R3         | 6-0805_n   | RES1        | 2        |
| RES1_1      |  | R8             | 6-0805_N   | RES1_1      | 1        |
|             | Connector  | RESETButton    | SW         | CON2        | 1        |
| ATmega8A-AU | 8-bit AVR<br>Microcontroller, 8KB<br>Flash, 512 Bytes EEPROM,<br>1KB SRAM, 32-pin TQFP,<br>Industrial Grade (-40 癈 to<br>85 癈) | U1             | 32A_N      | ATmega8A-AU | 1        |
| ATmega8A-MU | 8-bit AVR Microcontroller,   | U2             | 32M1-A_N   | ATmega8A-MU | 1        |