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| Count | ComponentName       | RefDes   | PatternName   | Value                |
|-------|---------------------|--|---------------|----------------------|
| 4     | ADP3334ARZ          | DA1<br>DA2<br>DA3<br>DA4                             | SOIC-R-8      | ADP3334ARZ           |
| 1     | ARL-5613RGBW/4A     | LED1   | 4_PIN_RGB_LED | BL-L515RGBC-CA       |
| 1     | ATMEGA128_TQFP64    | D2   | TQFP-64_16X16 | ATmega128A-AU        |
| 3     | CAP_0805            | C12<br>C16<br>C18                                    | CAP_0805      | 0.1uF 50V            |
| 4     | CAP_0805            | C13<br>C17<br>C19<br>C20                             | CAP_0805      | 1nF 50V              |
| 8     | CAP_0805            | C1<br>C3<br>C4<br>C5<br>C6<br>C9<br>C10<br>C11       | CAP_0805      | 1u                   |
| 2     | CAP_0805            | C14<br>C15   | CAP_0805      | 10uF 25V             |
| 2     | CAP_0805            | C7<br>C8   | CAP_0805      | 18 pF 50V            |
| 1     | CAP_A               | C2   | CAP_A         | 4.7u                 |
| 2     | CAP_D               | C21<br>C22   | CAP_D         | 100uF 20V            |
| 1     | CP2102              | D1   | QFN-28        | CP2102               |
| 1     | CY62128EV30LL-45ZXI | D3   | TSOP-32-T1    | CY62128EV30LL-45ZXI  |
| 1     | DIODE_1206          | VD2  | DIODE_1206    | BZV55-C3V6.115 (NXP) |
| 3     | DIODE_BAV23S        | VD3<br>VD4<br>VD5                                    | DIODE_SOT-23  | BAV23S               |
| 1     | KX-K                | Q1   | KX-K          | KX-K 11.05920 MHz    |
| 4     | MAX14931AASE        | D4<br>D5<br>D6<br>D7                                 | SOIC-16       | MAX14931AASE         |
| 1     | PLD2-20             | J3   | PLD2-20       | (BH2-20R+IDC2-20)*2  |
| 1     | PLS-2               | J2   | PLS-2         | PLS-2+Jamper         |
| 3     | RES_0805            | R3<br>R4<br>R5                                       | RES_0805      | 1k                   |
| 1     | RES_0805            | R9   | RES_0805      | 5.1k                 |
| 7     | RES_0805            | R1<br>R10<br>R12<br>R13<br>R14<br>R24<br>R25         | RES_0805      | 10k                  |
| 8     | RES_0805            | R15<br>R16<br>R17<br>R18<br>R19<br>R21<br>R22<br>R23 | RES_0805      | 100                  |
| 1     | RES_0805            | R20  | RES_0805      | 330                  |
| 4     | RES_V_3224W         | R6<br>R7<br>R8<br>R11                                | RES_V_3224W   | 3224W-1-204E (200k)  |
| 1     | SP0503BAHT          | VD1  | DIODE_SOT143  | SP0503BAHT           |
| 1     | USB-B-1             | J1   | USB-B-1       | USBB-1J              |