

| Comment        | Description  | Designator         | Footprint      | LibRef         | Quantity |
|----------------|--|--------------------|----------------|----------------|----------|
| MOTOR          |  | *3                 | MOTOR          | MOTOR          | 1        |
| 10uF           |  | C1, C2, C6         | B3528          | CAP+           | 3        |
| 22pF           |  | C3, C4             | 0603C          | CAP            | 2        |
| 100nF          |  | C5, C7             | 0603C          | CAP            | 2        |
| 0.1uF          |  | C8, C9, C10        | 0603C          | CAP            | 3        |
| PWR-2.5        |  | CN1                | KLD-0202       | PWR-2.5        | 1        |
| 1N4007/M7(DO-  |  | D1                 | 1N4007/M7(DO-  | 1N4007/M7(DO-  | 1        |
| IN4148         |  | D2                 | 1206D          | IN4148         | 1        |
| JDQ            |  | JDQ1               | JDQ            | JDQ            | 1        |
| Button3x6      |  | K1, K2             | BUTTON3X6      | Button3x6      | 2        |
| L9110          |  | L9110              | L9110          | L9110          | 1        |
| В              |  | LED1               | 0603LED        | LED            | 1        |
| RGB            | 5050RGB  | LED2               | 5050RGB        | 5050RGB        | 1        |
| Header 8       | Header, 8-Pin  | P1                 | HDR1X8         | Header 8       | 1        |
| Header 7       | Header, 7-Pin  | P2                 | HDR1X7         | Header 7       | 1        |
| Header 5       | Header, 5-Pin  | P3                 | HDR1X5         | Header 5       | 1        |
| Header 4       | Header, 4-Pin  | P4                 | HDR1X4         | Header 4       | 1        |
| Header 2       | Header, 2-Pin  | P5, P8             | HDR1X2         | Header 2       | 2        |
| Light_Res      | Header, 2-Pin  | P6                 | HDR1X2         | Header 2       | 1        |
| DHT11          | Header, 4-Pin  | P7                 | HDR1X4         | Header 4       | 1        |
| 8050           |  | Q1, Q2, Q3         | SOT-23A        | 8050           | 3        |
| 470            |  | R1, R2, R4, R6, R7 | 0603R          | RES            | 5        |
| 0              |  | R3                 | 0603R          | RES            | 1        |
| 12K            |  | R5, R8             | 0603R          | RES            | 2        |
| 10K            |  | R9                 | 0603R          | RES            | 1        |
| 3.3K           |  | R10                | 0603R          | RES            | 1        |
| 1M             |  | R11                | 0603R          | RES            | 1        |
| 33             |  | R12, R13, R14      | 0603R          | RES            | 3        |
| NCP1117ST33T3G | NCP1117, NCV1117.<br>1.0 A Low-Dropout<br>Positive Fixed and<br>Adjustable Voltage | U1                 | SOT-223        | NCP1117        | 1        |
| 12MHZ          |  | U2                 | 12MHZ          | 12MHZ          | 1        |
| ESP8266 核心板    |  | U3                 | ESP8266 核心板    | ESP8266 核心板    | 1        |
| CH340          |  | U4                 | CH340          | CH340          | 1        |
| 2P             |  | U5                 | 2P插座           | 2P插座           | 1        |
| USB_Micro_5S_B |  | USB                | USB_Micro_5S_B | USB_Micro_5S_B | 1        |