

| S.No | Name                   | Designator | Footprint                          | Quantity | Pins |
|------|------------------------|------------|------------------------------------|----------|------|
| 1    | 1N4007G-K Diode        | D3,D2      | DO-204AL_BD2.4-L4.7-P8.70-D1.1-RD  | 2        | 2    |
| 2    | 5 Pin Relay (5V)       | RL1, RL2   | JQC-3FF                            | 2        | 5    |
| 3    | MCP2515-CAN-BUS-MODULE |            | MCP2515-CAN-MODULE                 | 1        | 7    |
| 4    | ESP8266 D1 Mini        | U1         | ESP8266 D1 MINI                    | 1        | 16   |
| 5    | 0.1uF Capacitor        | C3, C4     |                                    | 2        | 2    |
| 6    | 470uF, 50V             | C1, C2     | CAP-TH_BD13.0-P5.00-D0.6-FD        | 2        | 2    |
| 7    | 1N5822 Diode           | D1         | DO-201AD_BD5.3-L8.4-P12.50-D1.4-RD | 1        | 2    |
| 8    | LM2596T-3.3            | U3         | TO-220-5L_L10.2-W4.5-P1.71-L       | 1        | 5    |
| 9    | jumper wire            |            |                                    | 1        | 2    |
| 10   | L-11PHC 100μ           | L1         | TO-220-5L_L10.2-W4.5-P1.71-L       | 1        | 2    |