



| Comment | Description | Designator | Footprint | LibRef | Quantity |
|--------------|---|--|--------------------|--------------|----------|
| 113990105 | - ESP8266 Transceiver; 802.11 b/g (Wi-Fi, WiFi, WLAN) 2.4GHz Evaluation Board | A1 | SEED_113990105 | 113990105 | 1 |
| Cap Pol3 | Polarized Capacitor (Surface Mount) | C1, C2, C3 | C0805 | Cap Pol3 | 3 |
| Diode | Default Diode | D1 | SMC | Diode | 1 |
| LED2 | Typical RED, GREEN, YELLOW, AMBER GaAs LED | D2, D3, D4, D5, D6 | 3.2X1.6X1.1 | LED2 | 5 |
| 110990030 | GROVE 2MM 4PIN VERT CONN 10PCS | J1, J2, J3, J5, J6, J7, J8, J9, J10 | SEED_110990030 | 110990030 | 9 |
| PJ-102A | 2.0 x 6.5 mm, 2.5 A, Horizontal, Through Hole, Tapered Pins, Dc Power Jack Connector | J4 | CUI_PJ-102A | PJ-102A | 1 |
| SD12-4R7-R | POWER INDUCTOR | L1 | INDM5252X120N | SD12-4R7-R | 1 |
| Header 15 | Header, 15-Pin | P2, P4, P7 | HDR1X15 | Header 15 | 3 |
| Header 15X2H | Header, 15-Pin, Dual row, Right Angle | P3 | HDR2X15H | Header 15X2H | 1 |
| Header 4X2 | Header, 4-Pin, Dual row | P5, P6, P8 | HDR2X4 | Header 4X2 | 3 |
| Res3 | Resistor | R1, R2, R3 | J1-0603 | Res3 | 3 |
| Res2 | Resistor | R4, R5, R6, R7, R8 | AXIAL-0.4 | Res2 | 5 |
| EG1218 | Slide Switch SPDT Through Hole | S1, S2 | EG1218 | EG1218 | 2 |
| MC34063ADR | 1.5-A Boost/Buck/Inverting Switching Regulator 8- SOIC 0 to 70 | U1 | SOIC127P599X175-8N | MC34063ADR | 1 |