

| Designator | Description | Distributor | Distributor Part Number | Manufacturer | Manufacturer Part Number | Quantity |
|------------------------------------|---|-------------|-------------------------|------------------------------|---------------------------------|----------|
| C1, C6, C15, C22 | Capacitor | DigiKey | 1276-1870-1-ND | Samsung Electro-Mechanics | CL10A106MO8NQNC | 4 |
| C2, C4, C8, C9, C11, C13, C14, C21 | Capacitor | DigiKey | 1276-1009-1-ND | Samsung Electro-Mechanics | CL10B103KB8NNNC | 8 |
| C3, C10 | Polarized Capacitor (Axial) | DigiKey | 732-9599-1-ND | Würth Elektronik | 860160674021 | 2 |
| C5, C7, C12, C20 | Capacitor | DigiKey | 1276-1860-1-ND | Samsung Electro-Mechanics | CL10A105KB8NNNC | 4 |
| D1 | Red, Green, Blue (RGB) - LED Indication - Discrete 1.9V Red, 2.8V Green, 2.8V Blue 0606 (1616 Metric) | DigiKey | 1080-1551-1-ND | Everlight Electronics Co Ltd | EAST1616RBB2 | 1 |
| D2, D3, D4 | | DigiKey | 1727-3848-1-ND | Nexperia USA Inc. | PMEG6010CEH,115 | 3 |
| F1 | Thermal Fuse | DigiKey | SF-1206SP200-2CT-ND | Bourns Inc. | SF-1206SP200-2 | 1 |
| L1 | Inductor | DigiKey | 445-180842-1-ND | TDK Corporation | VLS6045AF-101M | 1 |
| P1, P2, P3, P4, P5, P8, P11 | Header, 4-Pin, Header, 3-Pin, Dual row, Header, 2-Pin, Header, 3-Pin | | | | | 7 |
| Q1, Q3 | MOSFET N-CH 60V 0.38A | DigiKey | DMN62D0U-13DICT-ND | Diodes Incorporated | DMN62D0U-13 | 2 |
| Q2 | MOSFET N-CH 30V 37A LFPK | DigiKey | | Nexperia USA Inc. | PSMN011-30YLC,115 | 1 |
| R1, R11 | Resistor | DigiKey | RMCF0603JT2K20CT-ND | Stackpole Electronics Inc | RMCF0603JT2K20 | 2 |
| R2, R3, R10 | Resistor | DigiKey | RMCF0603FT220RCT-ND | Stackpole Electronics Inc | RMCF0603FT220R | 3 |
| R5, R18, R23 | Resistor | DigiKey | RMCF0603JT10K0CT-ND | Stackpole Electronics Inc | RMCF0603JT10K0 | 3 |
| R6, R7, R8, R9, R12 | Resistor | DigiKey | RMCF0603FT4K70CT-ND | Stackpole Electronics Inc | RMCF0603FT4K70 | 5 |
| R13, R17, R22 | Resistor | DigiKey | RMCF0603FT100RCT-ND | Stackpole Electronics Inc | RMCF0603FT100R | 3 |
| R19 | Resistor | DigiKey | RNCS0603BKE1K00CT-ND | Stackpole Electronics Inc | RNCS0603BKE1K00 | 1 |
| R20 | Resistor | DigiKey | RMCF0603ZTOR00CT-ND | Stackpole Electronics Inc | RMCF0603ZTOR00 | 1 |
| SW1 | SWITCH TACTILE SPST-NO 0.05A 12V | DigiKey | CKN9088CT-ND | C&K | PTS645SL50SMTR92 LFS | 1 |
| U1 | | | | Espressif Systems | ESP32-WROOM-32D (4MB HIGH TEMP) | 1 |
| U2 | Switching mode regulator [3v3, 5v, 12v and ADJ] | DigiKey | LM2576S-5.0/NOPB-ND | Texas Instruments | LM2576S-5.0/NOPB | 1 |
| U3 | IC REG LIN 3.3V 150MA TSOT23-5 | DigiKey | 576-4085-1-ND | Microchip Technology | MIC5365-3.3YD5-TR | 1 |