

| Comment | Description | Designator | Footprint | LibRef | Quantity |
|----------------------------|---|---|-----------------------------|---------------------------|----------|
| CAP_0.1uF_50V_0603 | CAP CER 0.1UF 50V | C1 | CAP0603 | CAP_0.1uF_50V_0603 | 1 |
| CAP_2.2uF_35V_0603 | X7R 0603 CAP CER 2.2UF 35V | C2 | CAP0603 | CAP_2.2uF_35V_0603 | 1 |
| CAP_1uF_50V_0603 | X5R 0603 CAP CER 1UF 50V X6S | C3 | CAP0603 | CAP_1uF_50V_0603 | 1 |
| CAP_1.8nF_50V_0603 | 0603 CAP CER 1800PF 50V | C4 | CAP0603 | CAP_1.8nF_50V_0603 | 1 |
| CAP_10nF_25V_0603 | COG/NP0 0603 CAP CER 10000PF 25V | C5 | CAP0603 | CAP_10nF_25V_0603 | 1 |
| CAP_2.7nF_50V_0603 | COG 0603 CAP CER 2700PF 50V | C6 | CAP0603 | CAP_2.7nF_50V_0603 | 1 |
| CAP_22pF_50V_0603 | X7R 0603 CAP CER 22PF 50V | C7 | CAP0603 | CAP_22pF_50V_0603 | 1 |
| | COG/NPO 0603 CAP CER 10UF 100V | | C5750X7S2A106M230 | | 2 |
| CAP_10uF_50V_2220 | X7S 2220 CAP CER 2.2UF 50V | C8, C10, C11 | KB | CAP_10uF_50V_2220 | 3 |
| CAP_2.2uF_50V_1206 | X7R 1206 | C9 | CAP1206 | CAP_2.2uF_50V_1206 | 1 |
| CAP_47uF_100V_ALU M | Aluminum Electrolytic Capacitor, Polarized, Aluminum (wet), 100V, 20% +Tol, 20% - Tol, 47uF, Surface Mount, 5454 | C12, C13 | RADIAL_CORNELL_D | CAP_47uF_100V_ALU M | 2 |
| DIO_SCHOTTKY_100V _5.5A | DIODE SCHOTTKY 200V 10A DPAK | D1 | D-PAK | DIO_SCHOTTKY_200V _10A | 1 |
| CON_2POS_SCREW_T ERM | TERM BLK 2POS SIDE ENTRY 5MM | J1, J2 | 1935161 | CON_2POS_SCREW_T ERM | 2 |
| IND_22uH_30A | FIXED IND 22UH 30A 2.4 MOHM SMD | L1 | IND_VISHAY_IHLP676 7GZ51 | IND_22uH_30A | 1 |
| LED_RED | LED RED DIFFUSED 0805 SMD | LED1, LED2 | LED_0805_RED | LED_RED | 2 |
| CSD19532Q5B | MOSFET N-CH 100V 100A 8SON | Q1 | FP-DNK0008A-MFG | CMP-04962-000007-1 | 1 |
| RES_49.9kΩ_0805_1 % | RES 49.9K OHM 1% 1/8W 0805 | R1 | RES0805 | RES_49.9kΩ_0805_1 % | 1 |
| RES_2.61kΩ_0805_1 % | RES 2.61K OHM 1% 1/8W 0805 | R2 | RES0805 | RES_2.61kΩ_0805_1 % | 1 |
| RES_73.2kΩ_0603_1 % | RES 73.2K OHM 1% 1/10W 0603 | R3 | RES0603 | RES_73.2kΩ_0603_1 % | 1 |
| RES_0.006Ω_1206_1 % | RES 0.006 OHM 1% 1W 1206 | R4 | RES1206 | RES_0.006Ω_1206_1 % | 1 |
| RES_32KΩ_0603_0.1 % | RES SMD 32K OHM 0.1% 1/10W 0603 | R5 | RES0603 | RES_32KΩ_0603_0.1 % | 1 |
| RES_24.3kΩ_0603_1 % | RES 24.3K OHM 1% 1/10W 0603 | R6 | RES0603 | RES_24.3kΩ_0603_1 % | 1 |
| | RES 49.9K OHM 1% 1/10W 0603 | R7 | RES0603 | RES_49.9kΩ_0603_1 | 1 |
| | RES 1.69K OHM 1% 1/10W 0603 | R8 | RES0603 | RES_1.69kΩ_0603_1 % | 1 |
| RES_4.7kΩ_0805_5% | RES 4.7K OHM 5% 1/8W 0805 | R9 | RES0805 | RES_4.7kΩ_0805_5% | 1 |
| RES_2.2kΩ_0805_5% | RES 2.2K OHM 5% 1/8W 0805 | R10 | RES0805 | RES_2.2kΩ_0805_5% | 1 |
| TESTPOINT_LOOP | TESTPOINT THRUHOLE | TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8 | TESTPOINT_LOOP | TESTPOINT_LOOP | 8 |
| | LILION LICILIE | 1153, 150, 157, 158 | 1 | I | I |

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