

| Item | Qty | Ref - Des               | Desc                            | Manufacturer's Part Number      |
|------|-----|-------------------------|---------------------------------|---------------------------------|
| 1    | 1   | CIN                     | CAP, 47uF 35V ELEC              | SANYO 35CE47BS                  |
| 2    | 1   | C1                      | CAP, 7343 150uF 20% 6.3V POSCAP | SANYO POSCAP 6TPE150MI          |
| 3    | 1   | C2                      | CAP, 7343 220uF 20% 4V POSCAP   | SANYP POSCAP 4TPE220MF          |
| 4    | 1   | C4                      | CAP, 0603 2.2uF 20% 10V X5R     | TAIYO YUDEN LMK107X5R225MA      |
| 5    | 0   | C12,C11                 | DO NOT STUFF                    | NONE                            |
| 6    | 2   | C34,C30                 | CAP, 1812 6.8uF 20% 50V X7R     | TDK C4532X7R1H685M              |
| 7    | 0   | C31,C36                 | DO NOT STUFF                    | OPTION                          |
| 8    | 2   | C32,C35                 | CAP, 0402 680pF 10% 10V X7R     | AVX 04025C681KAT                |
| 9    | 2   | C37,C33                 | CAP, 0402 1000pF 10% 50V X7R    | AVX 04025C102KAT                |
| 10   | 2   | C38,C39                 | CAP, 0603 1uF 20% 10V X5R       | AVX 0603ZD105MAT                |
| 11   | 2   | D1,D2                   | DIODE, SCHOTTKY 40V 10A         | DIODES INC. PDS1040             |
| 12   | 2   | JP2,JP1                 | HEADER,3PIN, 2mm                | SAMTEC TMM-103-02-L-S           |
| 13   | 6   | J1,J2,J3,J4,J5,J6       | JACK, BANANA                    | KEYSTONE 575-4                  |
| 14   | 1   | L1                      | IND, 4.7uH                      | VISHAY IHLP2525CZER4R7MIL       |
| 15   | 1   | L2                      | IND, 3.3uH                      | VISHAY IHLP2525CZER3R3MIL       |
| 16   | 1   | L3                      | IND, 22uH                       | COILCRAFT ME3220-223KL          |
| 17   | 4   |                         | STANDOFF, SNAP ON               | KEYSTONE_8831                   |
| 18   | 2   | Q2,Q1                   | XSTR, MOSFET N-CHANNEL 40V      | VISHAY SILICONIX Si7848DP-T1-E3 |
| 19   | 2   | R2,R1                   | RES, 2010 0.01 OHMS 1% 1W       | THIN FILM TECH RL3720WTR010F    |
| 20   | 1   | R3                      | RES, 0402 1.05K OHMS 1% 1/16W   | VISHAY CRCW04021K05FKED         |
| 21   | 1   | R4                      | RES, 0402 619 OHMS 1% 1/16W     | VISHAY CRCW0402619RFKED         |
| 22   | 1   | R10                     | RES, 0402 130K OHM 1% 1/16W     | AAC CR05-1303FM                 |
| 23   | 6   | R13,R14,R15,R16,R35,R37 | RES, 0402 0 OHM JUMPER          | VISHAY CRCW04020000Z0ED         |
| 24   | 2   | R18,R17                 | RES, 0402 200 OHMS 1% 1/16W     | VISHAY CRCW0402200RFKED         |
| 25   | 1   | R30                     | RES, 0402 348K OHM 1% 1/16W     | AAC CR05-3483FM                 |
| 26   | 2   | R31,R34                 | RES, 0402 51K OHM 5% 1/16W      | VISHAY CRCW040251K0FKED         |
| 27   | 2   | R32,R33                 | RES, 0402 47K OHMS 5% 1/16W     | AAC CR05-473JM                  |
| 28   | 6   | TP2,TP3,TP4,TP5,TP6,TP7 | TURRET, .090                    | MILL-MAX 2501-2                 |
| 29   | 2   | TP8,TP9                 | TURRET, .061                    | MILL-MAX 2308-2-00-44           |
| 30   | 1   | U1                      | IC, LT3742EUF                   | LINEAR TECH LT3742EUF           |
| 31   | 2   | JP2,JP1                 | SHUNT, 2mm                      | SAMTEC 2SN-BK-G                 |