

| Item | Qty | Ref - Des                  | Desc                              | Manufacturer's Part Number       |
|------|-----|----------------------------|-----------------------------------|----------------------------------|
| 1    | 1   | C1                         | CAP, 0805 2.2uF 20% 10V X5R       | AVX 0805ZD225MAT2A               |
| 2    | 2   | C2,C3                      | CAP, 1210 22uF 20% 25V X7R        | MURATA GRM32ER61E226ME15L        |
| 3    | 3   | C4,C9,C15                  | CAP, 0603 0.1uF 20% 25V X7R       | AVX 06033C104MAT2A               |
| 4    | 2   | C5,C12                     | CAP, 1206 47uF 20% 10V X5R        | TAIYO YUDEN LMK316BJ476ML-T      |
| 5    | 1   | C6                         | CAP, 0402 220pF 20% 50V C0G       | AVX 04025A221MAT2A               |
| 6    | 1   | C7                         | CAP, 0402 10pF 20% 50V C0G        | AVX 04025A100MAT2A               |
| 7    | 1   | C8                         | CAP, 0402 100pF 20% 50V C0G       | AVX 04025A101MAT2A               |
| 8    | 1   | C10                        | CAP, 7343 22uF 20% 35V TANT       | AVX TPSY226M035R                 |
| 9    | 0   | C11                        | CAP, 1206 OPTION                  | OPTION                           |
| 10   | 0   | C13,C14                    | CAP, 1812 22uF 20% 25V X7R OPTION | TDK C4532X7R1E226M OPTION        |
| 11   | 1   | D1                         | DIODE, CMDSH-3, SOD-323           | CENTRAL SEMI. CMDSH-3TR          |
| 12   | 9   | E1,E2,E3,E4,E5,E6,E7,E8,E9 | TURRET                            | MIIL-MAX 2501-2-00-80-00-00-07-0 |
| 13   | 4   | JP1,JP2,JP3,JP4            | HEADER, SINGLE ROW, 2 PIN, 2mm    | SULLINS, NRPN021PAEN-RC          |
| 14   | 1   | JP5                        | HEADER, 3PIN, DBL ROW 2mm         | SULLINS, NRPN03PAEN-RC           |
| 15   | 1   | JP6                        | HEADER, 2mm DBL ROW (2X2) 4PIN    | SULLINS, NRPN022PAEN-RC          |
| 16   | 1   | JP7                        | HEADER, 2mm, 3PIN                 | SULLINS, NRPN031PAEN-RC          |
| 17   | 1   | L1                         | IND 1.0uH                         | VISHAY IHLP2525CZER1R0M01        |
| 18   | 1   | R1                         | RES, 0402 162k OHMS 1% 1/16W      | VISHAY, CRCW0402162KFKED         |
| 19   | 1   | R2                         | RES, 0402 10k OHMS 1% 1/16W       | VISHAY CRCW040210K0FKED          |
| 20   | 1   | R3                         | RES, 0402 14k OHMS 1% 1/16W       | VISHAY CRCW040214K0FKED          |
| 21   | 1   | R4                         | RES, 0402 3.16k OHMS 1% 1/16W     | VISHAY CRCW04023K16FKED          |
| 22   | 1   | R5                         | RES, 0402 2.21K OHMS 1% 1/16W     | VISHAY CRCW04022K21FKED          |
| 23   | 1   | R6                         | RES, 0402 1.37K OHMS 1% 1/16W     | VISHAY CRCW04021K37FKED          |
| 24   | 0   | R7,R12                     | RES, 0402 OPTION                  | OPTION                           |
| 25   | 4   | R8,R10,R14,R15             | RES, 0402 100K OHMS 5% 1/16W      | VISHAY CRCW0402100KJNED          |
| 26   | 1   | R9                         | RES, 0402 150K OHMS 5% 1/16W      | VISHAY CRCW0402150KJNED          |
| 27   | 1   | R11                        | RES, 0402 10 OHMS 5% 1/16W        | VISHAY CRCW040210R0JNED          |
| 28   | 1   | R13                        | RES, 0402 0 OHM JUMPER            | VISHAY CRCW04020000Z0ED          |
| 29   | 1   | U1                         | IC, QFN24                         | LINEAR., LTC3605AEUF             |
| 30   | 4   | JP1,JP5,JP6,JP7            | SHUNT, 2mm                        | SAMTEC 2SN-BK-G                  |