

| Item   | Qty | Ref - Des     | Desc                                   | Manufacturer's Part Number       |
|--|-----|---------------|--|----------------------------------|
|  |     |               |  |                                  |
|  |     |               |  |                                  |
|  |     |               |  |                                  |
| <b>REQUIRED CIRCUIT COMPONENTS:</b>              |     |               |  |                                  |
| 1  | 1   | C1            | CAP, 0402 0.1uF 10% 10V X5R            | TDK C1005X5R1A104K               |
| 2  | 1   | C3            | CAP, 0402 150pF 5% 25V NPO             | AVX 04023A151JAT2A               |
| 3  | 1   | C4            | CAP, 0402 470pF20% 25V X7R             | AVX 04023C471MAT                 |
| 4  | 1   | C5            | CAP, 1206 22uF 20% 6.3V X5R            | TAIYO YUDEN JMK316BJ226ML-T      |
| 5  | 2   | C13,C7        | CAP,1206 10uF 10% 10V X5R              | TDK C3216X5R1A106KT              |
| 6  | 1   | C9            | CAP, 0805 10uF 20% 6.3V X5R            | TDK C2012X5R0J106M               |
| 7  | 1   | C11           | CAP, 0402 100PF 5% 50V NPO             | AVX 04025A101JAT2A               |
| 8  | 3   | JP1,JP2,JP3   | HEADER,2PIN, 2mm                       | COMM CON 2802S-02G2              |
| 9  | 1   | JP4           | HEADER,3PIN, 2mm                       | COMM CON 2802S-03G2              |
| 10   | 1   | L1            | IND, 1.5uH                             | COOPER BUSSMANN SD14-1R5         |
| 11   | 1   | Q1            | XSTR, FDC6020C                         | FAIRCHILD FDC6020C               |
| 12   | 1   | R2            | RES, 0402 15K OHM 5% 1/16W             | AAC CR05-153JM                   |
| 13   | 1   | R3            | RES, 0402 0 OHM JUMPER 1/16W           | AAC CRJ05-000M                   |
| 14   | 1   | R4            | RES, 0402 59K OHM 1% 1/16W             | AAC CR05-5902FM                  |
| 15   | 1   | R6            | RES, 0402 118K OHM 1% 1/16W            | AAC CR05-1183FM                  |
| 16   | 1   | R8            | RES, 0402 590 OHM 1% 1/16W             | AAC CR05-5900FM                  |
| 17   | 1   | R9            | RES, 0402 1.18K OHM 1% 1/16W           | AAC CR05-1181FM                  |
| 18   | 1   | R11           | RES, 0402 100K OHM 5% 1/16W            | AAC CR05-104JM                   |
| 19   | 1   | R12           | RES, 0402 10K OHM 5% 1/16W             | AAC CR05-103JM                   |
| 20   | 1   | U1            | IC,LTC3809EDD-1                        | LINEAR TECH LTC3809EDD-1         |
|  |     |               |  |                                  |
|  |     |               |  |                                  |
|  |     |               |  |                                  |
| <b>ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:</b> |     |               |  |                                  |
| 1  | 0   | C2            | CAP, 6032 150uF 20% 4V POSCAP OPTION   | SANYO 4TPB150MC OPTION           |
| 2  | 0   | R5,C8,C10,C12 | DO NOT STUFF                           | OPTION                           |
| 3  | 0   | C6            | CAP,1206 10uF 10% 10V X5R OPTION       | TDK C3216X5R1A106KT OPTION       |
| 4  | 0   | L2            | IND, 1.5uH OPTION                      | VISHAY, IHLP2525CZ-01-1.5 OPTION |
| 5  | 0   | Q2            | XSTR, Si9803DY P-CHANNEL MOSFET OPTION | SILICONIX Si9803DY OPTION        |
| 6  | 0   | Q3            | XSTR, Si9804DY N-CHANNEL MOSFET OPTION | SILICONIX Si9804DY OPTION        |