

| Item | Qty | Reference | Part Description | ManUfactUre / Part # |
|---|-----|------------------------------|--|--------------------------------|
| REQUIRED CIRCUIT COMPONENTS | | | | |
| 1 | 1 | CFF | CAP., NPO, 33PF, 50V, 10%, 0402 | AVX, 04025A330KAT2A |
| 2 | 1 | CIN | CAP., X5R, 10UF 6.3V, 20%, 0603 | TDK, C1608X5R0J106M |
| 3 | 1 | COUT | CAP., X5R, 22UF, 6.3V, 20% 0805 | TAIYO YUDEN, JMK212BJ226MG |
| 4 | 1 | CP | CAP., X7R, 560PF, 50V, 10%, 0402 | AVX, 04025C561KAT2A |
| 5 | 2 | C4,CSS | CAP., X7R, 0.01UF, 25V, 10% 0402 | AVX, 04023C103KAT2A |
| 6 | 1 | C2 | CAP., TANT, 47UF, 10V, 20%, 3528 | AVX, TAJB476M010 |
| 7 | 1 | C3 | CAP., X5R, 1UF, 6.3V, 20%, 0603 | AVX, 06036D105MAT2A |
| 8 | 1 | L1 | IND, 4.7UH | SUMIDA, CDRH3D28-4R7 |
| 9 | 1 | RFF | RES., CHIP, 15K, 1/16W, 5% 0402 | AAC, CR05-153JM |
| 10 | 1 | RSS | RES., CHIP, 1MEG, 1/16W, 5% 0402 | VISHAY, CRCW04021M00J |
| 11 | 1 | RT | RES., CHIP, 33.2K, 1/16W, 1% 0402 | AAC, CR05-3322FM |
| 12 | 1 | RZ | RES., CHIP, 10K, 1/16W, 5% 0402 | AAC, CR05-103JM |
| 13 | 1 | R2 | RES., CHIP, 1M, 1/16W, 5%, 0402 | AAC, CR05-105JM |
| 14 | 1 | R3 | RES., CHIP, 576K, 1/16W, 1%, 0402 | AAC, CR05-5763FM |
| 15 | 1 | R4 | RES., CHIP, 100K, 1/16W, 1%, 0402 | AAC, CR05-1003FM |
| 16 | 1 | U1 | IC., LTC3530EDD, DFN10DD | LINEAR TECH., LTC3530EDD |
| ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS | | | | |
| 1 | 0 | C1,C6 | CAP, 0402 | OPT |
| 2 | 0 | D1,D2,D3 | DIODE, SCHOTTKY, LOW VF, SOD323 | PHILIPS, PMEG2010EA OPT |
| 3 | 0 | R1 | RES., CHIP,0402 | OPT |
| HARDWARE FOR DEMO BOARD ONLY | | | | |
| 1 | 4 | E1,E2,E3,E4 | TESTPOINT, TURRET, .094" | MILL-MAX, 2501-2 |
| 2 | 1 | JP1 | JMP, 3PIN 1 ROW .079CC | SAMTEC, TMM-103-02-L-S |
| 3 | 1 | JP2 | JMP, 4PIN 1 ROW .079CC | SAMTEC, TMM-104-02-L-S |
| 4 | 2 | SHUNTS FOR JP1 & JP2 PIN 1&2 | SHUNT, .079" CENTER | SAMTEC, 2SN-BK-G |
| 5 | 4 | STAND-OFFS ON BOTTOM SIDE | STAND-OFF, NYLON (SNAP ON), 0.50" TALL | KEYSTONE, 8833(SNAP ON) |