

| | A | B | C | D | E |
|----|--|-----|---------------------------|---------------------------------|----------------------------|
| 1 | Item | Qty | Ref - Des | Desc | Manufacturer's Part Number |
| 2 | | | | | |
| 3 | REQUIRED CIRCUIT COMPONENTS: | | | | |
| 4 | | | | | |
| 5 | 1 | 6 | CIN1,CIN2,CIN3,CIN4,CIN5, | CAP, 1210 22uF 10% 25V X5R | AVX 12103D226KAT2A |
| 6 | | | CIN6 | | |
| 7 | 2 | 2 | CO1,CO5 | CAP, 7343 470uF 20% 2.5V POSCAP | PANASONIC ETPF470M5H |
| 8 | 3 | 4 | CO2,CO3,CO4,CO6 | CAP, 1210 100uF 10% 6.3V X5R | AVX 12106D107KAT2A |
| 9 | 4 | 2 | C4,C13 | CAP, 0603 150pF 5% 16V C0G | AVX 0603YA151JAT2A |
| 10 | 5 | 2 | C5,C12 | CAP, 0603 1000pF 5% 16V C0G | AVX 0603YA102JAT2A |
| 11 | 6 | 1 | C6 | CAP, 0603 4.7uF 20% 6.3V X5R | AVX 06036D475MAT2A |
| 12 | 7 | 2 | C8,C14 | CAP, 0603 0.1uF 10% 25V X7R | AVX 06033C104KAT2A |
| 13 | 8 | 2 | C16,C17 | CAP, 0603 10uF 20% 25V X5R | TDK C1608X5R1E106M080AC |
| 14 | 9 | 2 | C18,C20 | CAP, 0603 22uF 20% 6.3V X5R | TDK C1608X5R0J226M080AC |
| 15 | 10 | 1 | L1 | IND, 1.0uH | COILCRAFT XAL5030-102MEC |
| 16 | 11 | 3 | R2,R9,R22 | RES, 0603 0 OHM JUMPER | VISHAY CRCW06030000Z0EA |
| 17 | 12 | 3 | R3,R5,R14 | RES, 0603 100 OHMS 5% 0.1W | VISHAY CRCW0603100RJNEA |
| 18 | 13 | 2 | R4,R15 | RES, 0603 121K OHMS 1% 0.1W | VISHAY CRCW0603121KFKEA |
| 19 | 14 | 2 | R6,R17 | RES, 0603 10K OHMS 5% 0.1W | VISHAY CRCW060310K0JNEA |
| 20 | 15 | 1 | R7 | RES, 0603 90.9K OHMS 1% 0.1W | VISHAY CRCW060390K9FKEA |
| 21 | 16 | 1 | R10 | RES, 0603 7.87k OHMS 1% 1/10W | VISHAY CRCW06037K87FKEA |
| 22 | 17 | 1 | R16 | RES, 0603 14k OHMS 1% 0.1W | VISHAY CRCW060314K0FKEA |
| 23 | 18 | 1 | R18 | RES, 0603 40.2K OHMS 1% 0.1W | VISHAY CRCW060340K2FKEA |
| 24 | 19 | 3 | R24,R25,R30 | RES, 0603 10 OHMS 5% 0.1W | VISHAY CRCW060310R0JNEA |
| 25 | 20 | 1 | U1 | IC, VOLTAGE REGULATOR LGA | LINEAR TECH. LTM4620EV#PBF |
| 26 | | | | | |
| 27 | ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS: | | | | |
| 28 | | | | | |
| 29 | | 0 | C1,C2,C3,C7,C9,C10,C11, | CAP, 0603 OPTION | OPTION |
| 30 | | | C15 | | |
| 31 | | 0 | R1,R8,R11,R12,R13,R16, | RES, 0603 OPTION | OPTION |
| 32 | | | R19,R20,R21,R23,R26,R27, | | |
| 33 | | | R28,R29 | | |
| 34 | | 0 | R31,R32 | RES, 2512 OPTION | OPTION |
| 35 | | | | | |
| 36 | HARDWARE | | | | |
| 37 | | | | | |
| 38 | | 1 | J1 | CONN., CARD EDGE 1.6mm | SAMTEC MEC2-20-01-L-DV--TR |