

| | A | B | C | D | E |
|----|------|-----|-----------------------|---|-----------------------------------|
| 1 | Item | Qty | Ref - Des | Desc | Manufacturer's Part Number |
| 2 | 1 | 1 | C1 | CAP.,22uF,TANT.,35V,20%,7343,TPSE, NO SUBS. ALLOWED | AVX, TPSE226M035R0125 |
| 3 | 2 | 0 | C2,C3,C11,C16,C17,C24 | CAP., OPTION, 1206 | |
| 4 | 3 | 1 | C4 | CAP.,4.7uF,X7R,25V,10%,0805 | TDK, C2012X7R1E475K125AB |
| 5 | 4 | 1 | C5 | CAP.,10uF,X5R,25V,10%,0805 | TDK, C2012X5R1E106K085AC |
| 6 | 5 | 2 | C6,C7 | CAP.,22uF,X5R,25V,20%,0805 | MURATA, GRM21BR61E226ME44L |
| 7 | 6 | 1 | C8 | CAP.,4.7uF,X5R,25V,20%,0603 | MURATA, GRM188R61E475ME11D |
| 8 | 7 | 3 | C9,C10,C20 | CAP.,150pF,NP0,50V,5%,0603 | AVX, 06035A151JAT2A |
| 9 | 8 | 4 | C13,C14,C19,C22 | CAP.,47uF,X5R,6.3V,20%,0805 | TDK, C2012X5R0J476M125AC |
| 10 | 9 | 1 | C21 | CAP.,100pF,C0G,50V,5%,0603,AEC-Q200 | TDK, CGA3E2C0G1H101J |
| 11 | 10 | 0 | C25-C28 | CAP., OPTION, 0603 | |
| 12 | 11 | 14 | E1-E6,E9-E16 | TEST POINT,TURRET,0.094",MTG. HOLE | MILL-MAX, 2501-2-00-80-00-00-07-0 |
| 13 | 12 | 2 | E7,E8 | TEST POINT,TURRET,0.064",MTG. HOLE | MILL-MAX, 2308-2-00-80-00-00-07-0 |
| 14 | 13 | 1 | JP1 | CONN.,HDR,MALE,2x4,2mm,VERT, STR, THT | SAMTEC, TMM-104-02-L-D |
| 15 | 14 | 4 | JP2-JP5 | CONN.,HDR,MALE,1x3,2mm,STR, THT,NO SUBS. ALLOWED | Wurth Elektronik, 62000311121 |
| 16 | 15 | 4 | MP1-MP4 | STANDOFF,NYLON,SNAP-ON,0.25" (6.4mm) | KEYSTONE, 8831 |
| 17 | 16 | 4 | R1-R4 | RES.,100k OHMS,5%,1/10W,0603 | PANASONIC, ERJ3GEYJ104V |
| 18 | 17 | 6 | R5,R6,R15-R18 | RES.,100k OHMS,1%,1/10W,0603 | VISHAY, CRCW0603100KFKEA |
| 19 | 18 | 1 | R7 | RES.,30.1k OHMS,1%,1/10W,0603,AEC-Q200 | VISHAY, CRCW060330K1FKEA |
| 20 | 19 | 1 | R8 | RES.,13.3k OHMS,1%,1/10W,0603,AEC-Q200 | VISHAY, CRCW060313K3FKEA |
| 21 | 20 | 1 | R9 | RES.,19.1k OHMS,1%,1/10W,0603,AEC-Q200 | VISHAY, CRCW060319K1FKEA |
| 22 | 21 | 1 | R10 | RES.,8.25k OHMS,1%,1/10W,0603,AEC-Q200 | VISHAY, CRCW06038K25FKEA |
| 23 | 22 | 4 | R11-R14 | RES.,AEC-Q200,10k OHMS,1%,1/10W,0603 | VISHAY, CRCW060310K0FKEA |
| 24 | 23 | 0 | R19-R22,R25,R27 | RES., OPTION, 0603 | |
| 25 | 24 | 0 | R23,R24,R26,R28 | RES., OPTION, 2512 | |
| 26 | 25 | 1 | U1 | IC,Quad DC/DC 1A,49-pin BGA | LINEAR TECH., LTM4668AEY#PBF |
| 27 | 26 | 5 | XJP1-XJP5 | CONN.,SHUNT,FEMALE,2 POS,2mm | Wurth Elektronik, 60800213421 |