

Linear Technology Corporation

LTC2986CLX-1

Bill Of Materials

Demo Bd. # 2618A-1

10/10/2016 5:44 PM

| Item | Qty | Reference | Part Description | Manufacturer / Part # | Kit Qty |
|-----------|----------|-----------------------------|---|-----------------------------------|-------------|
| | | | | NUMBER OF BOARDS = | 1025 |
| 1 | 11 | C1-C11 | CAP., NP0, 100pF 100V, 5%, 0603 | MURATA, GRM1885C2A101JA01D | 11275 |
| 2 | 7 | C22,C24,C25,C30,C31,C33,C34 | CAP., X7R, 10uF 10V, 10%, 0805 | MURATA, GRM21BR71A106KE51L | 7175 |
| 3 | 7 | C23,C26,C27,C28,C29,C32,C35 | CAP., X7R, 0.1uF 25V, 10%, 0603 | MURATA, GRM188R71E104KA01D | 7175 |
| 4 | 4 | E1,E2,E3,E4 | TURRET, TESTPOINT 0.064" | MILL-MAX, 2308-2-00-80-00-00-07-0 | 4100 |
| 5 | 1 | J1 | CONN., 40P, CON-HIROSE-FX2-40P-1.27DS | HIROSE, FX2-40P-1.27DS | 1025 |
| 6 | 1 | J2 | CONN., HEADER 14POS 2MM VERT GOLD | MOLEX, 87831-1420 | 1025 |
| 7 | 1 | R1 | RES., CHIP, 1, 1/10W, 5% 0603 | VISHAY, CRCW06031R00FJEA | 1025 |
| 8 | 1 | R2 | RES., CHIP, 100K, 1/10W, 1% 0603 | VISHAY, CRCW0603100KFKEA | 1025 |
| 9 | 3 | R3,R4,R5 | RES., CHIP, 4.99K, 1/10W, 1% 0603 | VISHAY, CRCW06034K99FKEA | 3075 |
| 10 | 1 | U1 | I.C., LTC2986CLX-1, LQFP48LX-7X7 | LINEAR TECH., LTC2986CLX-1 | 1025 |
| 11 | 1 | U2 | I.C., 24LC025-I/ST, TSSOP8 | MICROCHIP, 24LC025-I/ST | 1025 |
| 12 | 2 | MH1,MH2 | STANDOFF, NYLON, 0.25", 1/4" | KEYSTONE, 8831 (SNAP ON) | 2050 |
| 13 | 2 | | STENCILS (TOP & BOTTOM) | STENCIL DC2618A-1 | 2 |