

Linear Technology Corporation

DEDICATED THERMISTOR BOARD

Bill Of Materials
Demo Bd. # 2214A-1
7/11/2014 12:10 PM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	175
1	1	C1	CAP., X7R, 0.1uF 25V, 10%, 0603	MURATA, GRM188R71E104KA01D	175
2	0	C2,C3,C4,C5,C6,C7	CAP., X7R, 0.01uF 25V, 10%, 0603	OPT	0
3	1	JP1	HEADER, HD1X3-079	SULLINS, NRPN031PAEN-RC	175
4	1	J1	CONN., 40P, CON-HIROSE-FX2-40S-DAUGHTER	HIROSE, FX2-40S-1.27DS(71)	175
5	1	J2	CON., THERMOCOUPLE SMP MINIATURE, CON-OMEGA-PCC-SMP	OMEGA, PCC-SMP-U-100-R	175
6	1	J3	CONN., TERMINAL BLOCK-2PIN, CON-PHOENIX-1869062-2PIN	PHOENIX, 1869062	175
7	0	R1,R2	RES., 0603	OPT	0
8	1	R3	RES., CHIP, 4.99k, 1/10W, 1% 0603	PANASONIC, ERJ-3EKF4991V	175
9	2	R4,RSENSE	RES., AXIAL FIXED, 10k, 0.1%, 1/4W, 15PPM, H8	TE CONNECTIVITY, H810KBYA (9-1879664-1)	350
10	1	R5	RPOT, 1M, RPOT-3296W	BOURNS, 3296W-1-105LF	175
11	1	R6	RES., AXIAL, 499k, 0.1%, 1/4W	TE CONNECTIVITY, 8-1879026-9	175
12	1	U1	I.C., EEPROM, 2KBIT 400KHZ, TSSOP8	MICROCHIP, 24LC025-I/ST	175
13	1	SHUNTS FOR JP1	SHUNT, 0.079" CENTER	SAMTEC, 2SN-BK-G	175
14	4	MH1-MH4	STANDOFF, NYLON, 0.25", 1/4"	KEYSTONE, 8831 (SNAP ON)	700
15	1		STENCIL (BOTTOM)	STENCIL DC2214A-1	1