

Linear Technology Corporation

LTC1864LAIMS8

3V, 16-BIT 150KSPS ADC

BILL OF MATERIALS

DC547A

QTY-250

1/8/03

9:11 AM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				NUMBER OF BOARDS =	250
1	15	C1,C4-C6,C10,C11,C13-C20,C23	CAP., X7R 0.1UF 16V	AVX, 0603YC104MAT1A	3750
2	1	C2	CAP., X7R 1UF 10V 20%	AVX, 0805ZC105MAT1T	250
3	2	C3,C12	CAP., X5R 10UF 6.3V, 20%, 1206	TAIYO YUDEN JMK316BJ106MLT	500
4	2	C7,C9	CAP., NPO 100PF 50V, 1206	VITRAMON, VJ1206A101JXA	500
5	1	C8	CAP., NPO 470PF 100V,1206	AVX, 12061A471JAT	250
6	2	C21,C22	CAP., NPO 47PF 50V	AVX, 06035A470MAT1A	500
7	9	E1-E9	TP, TURRET, .094"	MILL-MAX, 2501-2	2250
8	7	JP1-JP7	JMP, 1X3 .079CC	COMM-CON, 2802S-03-G1	1750
9	2	JP8,JP9	JMP, 2X3 .079CC	COMM CON, 2202S-06-G2	500
10	9	SHUNTS FOR JP1-JP9	SHUNT, .079" CENTER	COMM-CON, CCIJ2MM-138G	2250
11	3	J1-J3	CONN, BNC 50-OHM, PCB-VERTICADTL	CONNEX, 112404	750
12	1	J4	CON, HDR, .1 X .1 CNTRS, 40PIN	COMMCON, 3201S-40G1	250
13	1	RN1	RES 2X4 ARRAY, CHIP, 330 OHM, ISO	CTS, 742-C083-331JTR-ND	250
14	2	R1,R2	RES, CHIP 100, 1/16W, 5%,1206	AAC, CR18-101JM	500
15	2	R3,R4	RES, CHIP 2, 1/16W, 5%,0603	AAC, CR16-2R0JM	500
16	2	R5,R6	RES, CHIP 402, 1/16W, 1%,0603	AAC, CR16-4020FM	500
17	1	R7	RES, CHIP 20K, 1/16W, 5%,0603	AAC, CR16-203JM	250
18	1	R8	RES, CHIP 1M, 1/16W, 5%,0603	AAC, CR16-105JM	250
19	1	R9	RES, CHIP 51, 1/16W, 5%,0603	AAC, CR16-510JM	250
20	1	R10	RES POT3321H, POT-3321H-MURATA	MURATA, PV32H103A01B00	250
21	1	U1	IC, LT1460DCS8-2.5, SO8	LINEAR TECH., LT1460DCS8-2.5	250
22	1	U2	IC, OPM, SO8	TBD	250
23	1	U3	IC, LTC1864LAIMS8, MSOP8	LINEAR TECH., LTC1864LAIMS8	250
24	2	U4,U5	IC, MC74HC595ADT, TSSOP16	MOTOROLA, MC74HC595ADT	500
25	2	U6,U7	IC, MC74HC163AD, SO16	MOTOROLA, MC74HC163AD	500
26	1	U8	IC, MC74AC14DTR2, TSSOP14	ON SEMI., MC74AC14DTR2	250
27	1	U9	IC, MC74AC00DTR2, TSSOP14	ON SEMI., MC74AC00DTR2	250
28	1	U10	IC, LTC1799CS5, SOT23-5	LINEAR TECH., LTC1799CS5	250
29	1	U11	IC, LT1121CST-3.3, SOT223	LINEAR TECH., LT1121CST-3.3	250
30	1	U12	IC, MC74AC109DR2, SO16	ON SEMI., MC74AC109DR2	250
31	1	U13	IC, MC74AC32DTR2, TSSOP14	ON SEMI., MC74AC32DTR2	250
32	4	MTGS AT 4 CORNERS	SCREW, #4-40, 1/4"	ANY	1000

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Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				NUMBER OF BOARDS =	250
33	4	MTGS AT 4 CORNERS	STANDOFF, NYLON HEX #4-40 1/2"	MICRO PLASTICS 14HTSP003	1000
		NOTES: UNLESS OTHERWISE SPECIFIED			
		1. ALL RESISTORS ARE IN OHMS.			
		2. INSTALL SHUNTS ON JP1,JP3-JP7 PIN 1 AND 2; ON JP2 PIN 2 AND 3;			
		ON JP8 PIN 1 AND 3, PIN 2 AND 4; ON JP9 PIN 1 AND 3, PIN 4 AND 6.			