

Linear Technology Corporation

LTC6947IUFD

Bill Of Materials

Demo Bd. 1846A-2

QTY- 325

2/11/2014 11:55 AM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	325
1	0	CI1_A,C3_F2,C3_F3,CP_A,C14	CAP, 0603	OPT	0
2	6	CI1_P,C5,C12,C13,C18,C31	CAP, 0603 1.0uF 10% 10V X7R	TAIYO YUDEN, LMK107B7105KA-T	1950
3	0	CI2_P,CI2_A	CAP, 1206	OPT	0
4	1	CP_P	CAP, 0603 47nF 10% 50V X7R	AVX 06035C473KAT2A	325
5	3	C1,C19,C33	CAP, 7361 47uF 10% 35V, 7361	AVX TAJV476K035RNJ	975
6	3	C2,C21,C35	CAP, 0805 0.1uF 10% 50V X7R	AVX 08055C104KAT2A	975
7	2	C3,C16	CAP, 7343 330uF 10% 10V TANT	AVX TPME337K010R0035	650
8	9	C4,C6,C11,C30,C36,C39,C41,C43,C44	CAP, 0402 0.1uF 10% 10V X7R	TAIYO YUDEN, LMK105B7104KV-F	2925
9	1	C7	CAP, 7343 47uF 10% 20V TANT	AVX TAJD476K020RNJ	325
10	2	C8,C15	CAP, 0402 1uF 10% 16V X5R	TDK C1005X5R1C105K	650
11	4	C17,C23,C34,C45	CAP, 0402 0.01uF 10% 16V X7R	AVX 0402YC103KAT2A	1300
12	1	C2_F1	CAP, 0603 33nF 10% 50V X7R	AVX 06035C333KAT2A	325
13	0	C25,C28	CAP, 0402	OPT	0
14	4	C26,C29,C37,C38	CAP, 0402 100pF 10% 16V NPO	AVX 0402YA101KAT2A	1300
15	1	D1	LED, RED	PANASONIC LN1251CTR	325
16	10	E3,E6,E11-E18	TURRET	MILL-MAX 2501-2-00-80-00-00-07-0	3250
17	1	JP1	HEADER, 3 PIN 2mm	SAMTEC TMM-103-02-L-S	325
18	4	J2,J5,J6,J7	CONN, SMA 50-OHM EDGE-LAUNCH	E.F. JOHNSON, 142-0701-851	1300
19	0	J3,J4	CONN, SMA 50-OHM Straight	OPT	0
20	4	J9,J10,J11,J12	JACK, BANANA	KEYSTONE 575-4	1300
21	1	J13	HEADER, 7 DUAL PIN, 2mm	MOLEX 87831-1420	325
22	0	L1	IND, 0402	OPT	0
23	2	L2,L3	IND, 0402 68nH 5%	COILCRAFT 0402HPH-68NXJLW	650
24	1	L1_F1	RES, 0805, 0 OHM JUMPER	VISHAY CRCW08050000Z0EA	325
25	0	L1_F2,L1_F3	IND, 0805	OPT	0
26	2	R1_F1,RZ_P	RES, 0603 21 OHMS 1% 1/10W	VISHAY CRCW060321R0FKED	650
27	5	R1,R2,R11,R20,R26	RES, 0402 4.99K OHMS 1% 1/16W	VISHAY CRCW04024K99FKED	1625
28	1	R4	RES, 0402 330 OHMS 1% 1/16W	NIC NRC04F3300TRF	325
29	1	R5	RES, 0402 51.1 OHMS 1% 1/10W	VISHAY CRCW040251R1FKED	325
30	4	R7,R8,R18,R19	RES, 0402 200K OHMS 1% 1/16W	VISHAY CRCW0402200KFKED	1300
31	4	R9,R14,R16,R2_F2	RES, 0603 0 OHM JUMPER	VISHAY CRCW06030000Z0EA	1300
32	3	R12,R21,R22	RES, 0402 100 OHMS 5% 1/16W	VISHAY CRCW0402101RJED	975
33	0	R13,R15,R2_F3,RZ_A,R31	RES, 0603	OPT	0
34	0	R23,R24	RES, 0402	OPT	0
35	5	R25,R27,R28,R29,R30	RES, 0402 0 OHM JUMPER	VISHAY CRCW04020000Z0EA	1625

Linear Technology Corporation

LTC6947IUFD

Bill Of Materials
Demo Bd. 1846A-2
QTY- 325
2/11/2014 11:55 AM

<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	325
36	1	U1	IC, QFN28IUFD-4X5	LINEAR TECH. LTC6947IUFD	325
37	1	U2	IC, LOW NOISE AMP,SO8	LINEAR TECH. LT1678IS8	325
38	1	U3	IC, VCO	CRYSTEK, CVCO55CC-2328-2536	325
39	0	U4	IC, CRYSTAL OSCILLATOR	OPT	0
40	2	U5,U10	IC, DUAL BUFFER,SC70	FAIRCHILD SEMI NC7WZ17P6X	650
41	1	U8	I.C., Serial EEPROM, TSSOP8	MICROCHIP, 24LC025-I /ST	325
42	1	U11	IC, DUAL TRANSCEIVER,SOT363	NXP 74LVC1T45GW	325
43	1	SHUNT ON JP1 (2&3)	SHUNT, 2mm Ctrs	SAMTEC 2SN-BK-G	325
43	4	MH1-MH4	STANDOFF, NYLON, 0.50, 1/2"	KEYSTONE, 8833 (SNAP ON)	1300
44	2		STENCILS FOR BOTH SIDES	DC1846A-2	2