

Linear Technology Corporation

LTC6954IUFF-1/-2/-3/-4

General Bill Of Materials

Demo Bd. #1954A-2

QTY- 340

11/4/2013 10:43 AM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	430
1	17	C1-C10,C12,C13,C22-C24,C28,C29	CAP., X7R, 0.1µF, 10V, 10%, 0402	AVX, 0402ZC104KAT2A	7310
2	1	C14	CAP., X7R, 1.0µF, 16V, 10%, 0603	AVX, 0603YC105KAT2A	430
3	9	C15,C17-C21,C25-C27	CAP., X7R, 0.01µF, 6.3V, 10%, 0201	MURATA, GRM033R70J103KA01D	3870
4	1	C16	CAP., TANT, 22µF 10V, 3528	AVX, TPSB226K010R0400	430
5	3	E9,E12,E13	TURRET, 0.064"	MILL-MAX, 2308-2-00-80-00-00-07-0	1290
6	2	E10,E11	TURRET, 0.094"	MILL-MAX, 2501-2-00-80-00-00-07-0	860
7	3	JP1,JP2,JP3	JMP, 3 Pins 2mm Ctrs.	SAMTEC, TMM-103-02-L-S	1290
8	8	J1-J6,J8,J9	CONN., SMA 50-OHM EDGE-LAUNCH	EMERSON, 142-0701-851	3440
9	1	J7	CONN, SMA Straight	CONNEX, 132134	430
10	2	J10,J11	JACK, BANANA	KEYSTONE, 575-4	860
11	1	J12	CONN., 2X7, 2mm	MOLEX, 87831-1420	430
12	6	R2,R4,R7,R9,R12,R14	RES., CHIP, 0 OHM, 0402	NIC, NRC04Z0TRF	2580
13	0	R3,R5,R8,R10,R13,R15,R16,R17,R19	RES., CHIP, 0402	OPT	0
14	2	R18,R20	RES., CHIP, 49.9, 1/16W, 1%, 0402	NIC, NRC04F49R9TRF	860
15	5	R22,R35,R37,R38,R39	RES., CHIP, 200K, 1/16W, 1%, 0402	NIC, NRC04F2003TRF	2150
16	3	R23,R24,R25	RES., CHIP, 4.99K, 1/16W, 1%, 0402	NIC, NRC04F4991TRF	1290
17	1	R26	RES., CHIP, 0 OHM, 0603	NIC, NRC06Z0TRF	430
18	0	R27-R29,R30-R32	RES., CHIP, 0603	OPT	0
19	4	R33,R34,R36,R40	RES., CHIP, 100 1/16W, 5%, 0402	NIC, NRC04J101TRF	1720
20	2	U2,U3	I.C., Dual Buffer, SC70-6	FAIRCHILD SEMI., NC7WZ17P6X	860
21	1	U4	I.C., Dual Transceiver, SOT363	NXP, 74LVC1T45GW	430
22	1	U5	I.C., EEPROM 2KBIT 400KHZ, TSSOP8	MICROCHIP, 24LC025-I /ST	430
23	3	SHUNTS SHOWN ON ASSY DWG	SHUNT, 2mm Ctrs.	SAMTEC 2SN-BK-G	1290
24	4	MH1-MH4	STANDOFF, NYLON, 0.5, 1/2"	KEYSTONE, 8833 (SNAP ON)	1720
25	2		STENCILS (TOP & BOTTOM)	DC1954A-2	2

Linear Technology Corporation

LTC6954IUFF-1

Bill Of Materials
Demo Bd. #1954A2-A

QTY- 85

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Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	85
1	1		GENERAL BOM	DC1954A-2	1
2	0	R1,R6,R11	RES., CHIP, 0402	OPT	0
3	6	Z1,Z2,Z3,Z4,Z5,Z6	CAP., X7R, 0.1uF 16V, 10%, 0402	AVX, 0402YC104KAT2A	510
4	1	U1	I.C., QFN36UFF-4X7	LINEAR TECH., LTC6954IUFF-1	85

Linear Technology Corporation

LTC6954IUFF-2

Bill Of Materials
Demo Bd. #1954A2-B

QTY- 85

11/4/2013 10:43 AM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	85
1	1		GENERAL BOM	DC1954A-2	1
2	0	R1,R6	RES., CHIP, 0402	OPT	0
3	1	R11	RES., CHIP, 100 1/16W, 5%, 0402	NIC, NRC04J101TRF	85
4	4	Z1-Z4	CAP., X7R, 0.1uF 16V, 10%, 0402	AVX, 0402YC104KAT2A	340
5	2	Z5,Z6	RES., CHIP, 0 OHM, 0402	NIC, NRC04Z0TRF	170
6	1	U1	I.C., QFN36UFF-4X7	LINEAR TECH., LTC6954IUFF-2	85

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Bill Of Materials
Demo Bd. #1954A2-C
QTY- 85

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Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	85
1	1		GENERAL BOM	DC1954A-2	1
2	0	R1	RES., CHIP, 0402	OPT	0
3	2	R6,R11	RES., CHIP, 100 1/16W, 5%, 0402	NIC, NRC04J101TRF	170
4	2	Z1,Z2	CAP., X7R, 0.1uF 16V, 10%, 0402	AVX, 0402YC104KAT2A	170
5	4	Z3,Z4,Z5,Z6	RES., CHIP, 0 OHM, 0402	NIC, NRC04Z0TRF	340
6	1	U1	I.C., QFN36UFF-4X7	LINEAR TECH., LTC6954IUFF-3	85

Linear Technology Corporation

LTC6954IUFF-4

Bill Of Materials
Demo Bd. #1954A2-D

QTY- 85

11/4/2013 10:43 AM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	85
1	1		GENERAL BOM	DC1954A-2	1
2	3	R1,R6,R11	RES., CHIP, 100 1/16W, 5%, 0402	NIC, NRC04J101TRF	255
3	6	Z1,Z2,Z3,Z4,Z5,Z6	RES., CHIP, 0 OHM, 0402	NIC, NRC04Z0TRF	510
4	1	U1	I.C., QFN36UFF-4X7	LINEAR TECH., LTC6954IUFF-4	85