

# Linear Technology Corporation

LT3579EFE,LT3579EFE-1

**Bill Of Material**  
**Demo Bd. #1661A**  
**QTY-200**  
12/6/2010

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>200</b>
1	5	C1,C2,C5,C11,C15	Cap., X5R, 4.7uF, 16V, 20% 1206	NIC, NMC1206X5R475M16TRPLPF	1000
2	4	C3,C4,C9,C10	Cap., X5R, 22uF, 25V, 10% 1210	AVX, 12103D226KAT	800
3	1	C6	Cap., NPO, 100pF, 25V, 10% 0402	AVX, 04023A101KAT	200
4	2	C7,C12	Cap., X5R, 0.1uF, 25V, 10% 0402	AVX, 04023D104KAT	400
5	1	C8	Cap., X7R, 4700pF, 25V, 10% 0402	AVX, 04023C472KAT	200
6	0	C13,C14	OPT		
7	2	D1,D2	Diode, Schottky, Powermite	Diodes, MBRM560	400
8	0	D3	Schottky Diode CMDSH-3, SOD-323	OPT	
9	4	E1,E2,E3,E4	Testpoint, Turret, 0.91"	Mill Max 2501-2-00-80-00-00-07-0	1000
10	2	J1,J2	Banana Jack	KEYSTONE-575-4	400
11	1	JP1	0.079 SINGLE ROW HEADER, 3 PIN	SAMTEC, TMM103-02-L-S	200
12	1	XJP	SHUNT,	SAMTEC, 2SN-BK-G	200
13	2	L1,L2	Inductor, 2.2, IHLP-2525	VISHAY, IHLP2525CZER2R2M01	400
14	0	Q1	OPT		0
15	1	Q2	MOSFET,P-Chanel 20-V,PowerPAK,1212-8	VISHAY, Si7141DP	200
16	1	R1	Res., Chip, 22.1K, 1%, 0805	VISHAY, CRCW080522K1FKEA	200
17	2	R3,R8	Res., Chip, 100K, 1%, 0402	VISHAY, CRCW0402100KFKED	400
18	1	R4	Res., Chip, 64.9K, 1%, 0805	VISHAY, CRCW080564K9FKEA	200
19	2	R5,R16	Res., Chip, 10K, 1%, 0402	VISHAY, CRCW040210K0FKED	400
20	1	R6	Res., Chip, 10K, 1%, 0805	VISHAY, CRCW080510K0FKEA	200
21	2	R7,R9	Res., Chip, 86.6K, 1%, 0402	VISHAY, CRCW040286K6FKED	400
22	1	R12	Res., Chip, 6.3K, 1%, 0402	VISHAY, CRCW04026K30FKED	200
23	2	R13,R14	Res., Chip, 0 Ohm, 0402	VISHAY, CRCW04020000Z0ED	400
24	0	R17	Res., OPT		0
25	1	U1	I.C., LT3579EFE-1, 20 pin TSSOP-4.4MM	Linear Tech. Inc., LT3579EFE-1	300
26	1	U2	I.C., LT3579EFE, 20 pin TSSOP-4.4MM	Linear Tech. Inc., LT3579EFE	300
27	4	MTGS AT 4 CORNERS	STANDOFF, NYLON, 0.5, 1/2"	KEYSTONE, 8833(SNAP ON)	