

Linear Technology Corporation

LT3435IFE

Bill Of Material
Demo Bd. # 613A

11/30/2005

3:37 PM

Item	Qty	Reference	Part Description	Manufacture / Part #
REQUIRED CIRCUIT COMPONENTS:				
1	1	C2	CAP., X7R, 4700pF, 50V, 10% 0603	AVX, 06035C472KAT2A
2	1	C3	Cap., X5R, 3.3uF, 50V, 20% 1210	TDK, C3225X5R1H335M
3	1	C4	CAP., X5R, 0.47uF, 10V, 20% 0603	Taiyo Yuden, LMK107BJ474MA
4	1	C5	CAP., TANT., 100uF, 6.3V, 20% C Size	AVX, TPSC107M006R0075
5	1	C7	CAP., X7R, 0.01uF, 16V, 20% 0603	AVX, 0603YC103MAT
6	1	C8	CAP., X7R, 0.047uF, 16V, 20% 0603	Taiyo Yuden, EMK107BJ473MA
7	1	D1	Schottky Recti., 5A, PowerDI 5	Diodes Inc. PDS5100H
8	1	D2	Schottky Diode, 1N5711WS, SOD-323	Diodes Inc. 1N5711WS
9	1	L1	INDUCTOR, 10uH	SUMIDA, CDRH104RNP-100NC
10	1	R1	RES., CHIP, 9.1k, 1/16W, 5% 0603	AAC, CR16-912JM
11	1	R2	RES., CHIP, 301k, 1/16W, 1% 0603	AAC, CR16-3013FM
12	1	R3	RES., CHIP, 100k, 1/16W, 1% 0603	AAC, CR16-1003FM
13	1	R8	RES., CHIP, 100k, 1/16W, 5% 0603	AAC, CR16-104JM
14	1	R10	RES., CHIP, 0, 1/16W, 0603	AAC, CJ06-000M
15	1	R9	RES., CHIP, 200k, 1/16W, 5% 0603	AAC, CR16-204JM
16	1	U1	I.C., LT3435IFE TSSOP16FE	LINEAR., LT3435IFE
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
1	0	C1,C10 (OPT.)	CAP., 0603	
2	0	C6 (OPT.)	CAP., 0805	
3	0	C9 (OPT.)	CAP., Tant. 6032	
4	0	D3 (OPT.)	Schottky Barrier, SMA	
5	0	R4,R11,R12,R13(OPT.)	RES., 0603	