Linear Technology Corporation

LTC2446UHF

Bill Of Material
Demo Bd. #847A
7/14/2005

Item	Qty	Reference	Part Description	Manufacturer / Part #				
1	4	C3,C7,C10,C13	CAP., CHIP X7R 0.01uF 16V	AVX, 0603YC103KAT1A 0603				
2	3	C11,C14,C15	CAP., CHIP X7R 0.1uF 16V	AVX, 0603YC104MAT1A 0603				
3	13	C1,C4,C6,C16-C20	CAP., CHIP X5R 1uF 10V	TAIYO YUDEN, LMK107BJ105MG 0603				
		C23,C24,C27-C29						
4	3	C2,C9,C12	CAP., CHIP X5R 4.7uF 6.3V	TAIYO YUDEN, JMK212BJ475MG 0805				
5	1	C8	CAP., CHIP X5R 10uF 6.3V	TDK, C2012X5R0J106M 0805				
6	0	C21,C22,C25,C26	Opt.					
7	24	TP1-TP6,TP8,TP10-TP12,	TURRET, Testpoint .064"	MILL-MAX, 2308-2				
		TP14-TP27						
8	0	TP13,TP28,TP29	Opt. (Surface Mount Pad Only)					
9	4	JP1-JP4	HEADER, 3Pin 1 Row .079CC	COMM-CON, 2802S-03G2				
10	4	FOR (JP1-JP4)	SHUNT, .079" Center	COMM-CON, CCIJ2MM-138GW				
11	0	JP7	Opt.					
12	0	J1 (Opt.)	CONN., SMA Coaxial, Straight Jack	CONNEX, 132134				
13	1	J2	HEADER, Vertical Dual 2X7 .079CC	MOLEX, 87831-1420				
14	1	R7	RES., CHIP 100 5%	AAC, CR16-101JM 0603				
15	3	R8,R9,R10	RES., CHIP 4.99K 1%	VISHAY CRCW0603 4.99K 1%				
16	2	R5,R11	RES., CHIP 10K 5%	AAC, CR16-103JM 0603				
17	0	R6	Opt.					
18	1	U1	I.C., 24-Bit 4-/8-Channel Delta Sigma ADCs	LINEAR TECH., LTC2446UHF 38QFN				
19	1	U4	I.C., Precision Reference	LINEAR TECH., LT1236ACS8-5 SO8				
20	1	U3	I.C., Serial EEPROM	MICROCHIP, 24LC025-I/ST TSSOP-8				
21	1	U2	I.C., Non-Inverting Multiplexer	FAIRCHILD, NC7SZ157P6X SC70				
22	1	U5	I.C., Single D Flip-Flop	On Semi. NL17SZ74US US8				
23	1	**(FOR INVENTORY ONLY).**	CABLE ASSY., 8" STRIP	LINEAR RIBBON CABLE CA-2440				