

Linear Technology Corporation

LTM90XXIY-14

Bill Of Materials DC1884A2-GENERAL BOM

QTY- 430

3/20/2012 4:18 PM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	430
1	5	C1,C69,C81,C94,C107	Cap., X5R, 2.2uF 16V 20%, 0603	Taiyo Yuden, EMK107BJ225MA	2150
2	0	C2	Cap., 0402	TBD	0
3	0	C3,C6	Cap., X7R, 0.01uF 16V 10%, 0402	OPT	0
4	19	C4,C8,C9,C58,C59,C65,C66,C71,C72 C77,C78,C84,C85,C90,C91,C97,C98,C103,C104	Cap., X7R, 0.01uF 16V 10%, 0402	AVX, 0402YC103KAT2A	8170
5	10	C5,C7,C60,C67,C73,C79,C86,C92,C99,C105	Cap., NP0, 4.7pF 25V 10% 0402	AVX, 04023A4R7KAT2A	4300
6	1	C10	CAP., X5R, 4.7uF 6.3V, 20%, 0603	Taiyo Yuden, JMK107BJ475MA-T	430
7	2	C11,C12	Cap., X7R, 1uF 10V, 20%, 0603	AVX, 0603ZC105MAT1A	860
8	1	C13	Cap., Tant. 100uF 10V, 20%, 6032	AVX, TAJW107M010R	430
9	3	C14,C55,C56	Cap., X5R, 0.1uF 10V, 10%, 0402	AVX, 0402ZD104KAT2A	1290
10	16	C57,C61,C62,C64,C68,C74,C76,C80,C83,C87, C89,C93,C96,C100,C102,C106	Cap., COG, 8.2pF, 50V, 5%, 0402	AVX, 04025A8R2JAT2A	6880
11	8	C63,C70,C75,C82,C88,C95,C101,C108	Cap., X5R, 0.1uF 10V, 10%, 0603	AVX, 0603ZD104KAT2A	
12	3	E1,E3,E4	Turret, Testpoint .062 Thick Brd. 0.094"	Mill Max 2501-2-00-80-00-00-07-0	1290
13	2	FB1,FB2	Ferrite Bead, ?Amp 1206	Murata BLM31PG330SN1L	860
14	8	JP1,JP2,JP3,JP4,JP5,JP6,JP8,JP9	Headers, Sgl. Row 3 Pins 2mm Ctrs.	Samtec TMM-103-02-L-S	3440
15	10	J1,J2,J4,J5,J6,J7,J8,J9,J10,J11	CON, SMA Straight	CONNEX, 132134	4300
16	1	J3	BGA Conn., 10X40PIN	Samtec, SEAM-40-02.0-S-10-2-A-K-TR	430
17	0	L1	IND., 0603	TBD	0
18	8	L2,L3,L4,L5,L6,L7,L8,L9	IND., 56nH, 0603	MURATA, LQP18MN56NG02D	3440
19	8	R1,R2,R3,R6,R7,R8,R10,R85	Res., Chip 1K, 1/16W, 5% 0402	Vishay CRCW04021K00JNED	3440
20	5	R4,R11,R82,R83,R84	Res., Chip 10K, 1/16W, 5% 0402	Vishay CRCW040210K0JNED	2150
21	2	R5,R13	Res., Chip 31.6K, 1/16W, 1% 0402	Vishay CRCW040231K6FKED	860
22	4	R9,R19,R20,R86	Res., Chip 100, 1/16W, 5% 0402	Vishay CRCW0402100RJNED	1720
23	0	R14,R15,R16,R18,R24,R25,R26,R27	Res., 0402	TBD	0
24	2	R17,R23	Res., Chip 5.1, 1/16W, 5% 0402	Vishay CRCW04025R10JNED	860
25	10	R21,R22,R104,R114,R124,R134,R144,R154,R164,R174	Res., Chip 49.9, 1/16W, 1% 0402	Vishay CRCW040249R9FKED	4300
26	1	R28	Res., Chip 3K, 1/16W, 5% 0603	Vishay CRCW06033K00JNEA	430
27	1	R29	Res., Chip 180K, 1/16W, 1% 0603	Vishay CRCW0603180KFKEA	430
28	0	R87,R88,R89,R90,R91,R92,R93,R94	RES., CHIP, 100, 1/16W, 1% 0201	OPT	0
29	24	R95,R96,R97,R105-R107,R115-R117,R125,R126,R128, R135-R137,R145,R146,R148,R155-R157,R165,R166,R168	RES., CHIP, 86.6, 1/16W, 1%, 0402	YAGEO, RC0402FR-0786R6L	10320
30	16	R98,R99,R108,R109,R118,R119,R127,R129,R138, R139,R147,R149,R158,R159,R167,R169	RES., CHIP, 33.2, 1/16W, 1% 0402	YAGEO, RC0402FR-0733R2L	6880
31	16	R100,R101,R110,R111,R120,R121,R130,R132,	RES., CHIP, 10.0, 1/16W, 1% 0402	YAGEO, RC0402FR-0710RL	6880

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LTM90XXIY-14

Bill Of Materials
DC1884A2-GENERAL BOM

QTY- 430

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Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	430
		R140,R141,R150,R152,R160,R161,R170,R172			
32	16	R102,R103,R112,R113,R122,R123,R131,R133, R142,R143,R151,R153,R162,R163,R171,R173	RES., CHIP, 10.0, 1/16W, 1% 0201	YAGEO, RC0201FR-0710RL	6880
33	9	T1,T3,T5,T7,T9,T11,T13,T15,T17	XFMR, RF~SMT~1:1, TRANS-SM-22-M/A-COM	M/A-COM, MABA-007159-000000	3870
34	8	T4,T6,T8,T10,T12,T14,T16,T18	XFMR, FLUX-COUPLED, TRANS-SM-22-M/A-COM	M/A-COM, MABAES0060	3440
35	1	U2	I.C., Adjustable LDO, DFN8DD	Linear Tech., LT3080EDD	430
36	1	U3	I.C., Serial EEPROM TSSOP-8	MICROCHIP, 24LC32A-I/ST	430
37	8	AS SHOWN ON ASSY DWG	SHUNT, 0.079" CENTER	SAMTEC, 2SN-BK-G	3440
38			STENCIL (TOP & BOTTOM)	DC1884A-2	2

Linear Technology Corporation

LTM9011IY-14

Bill Of Materials

DC1884A1-A

QTY- 210

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<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	210
1	1	DC1884A-1	GENERAL BOM		1
2	1	U1	I.C., AD Converter Module, BGA140-11.25X9.00X2.72	LINEAR TECH., LTM9011IY-14	210

Linear Technology Corporation

LTM9010IY-14

Bill Of Materials

DC1884A1-B

QTY- 110

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<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	110
1	1	DC1884A-1	GENERAL BOM		1
2	1	U1	I.C., AD Converter Module, BGA140-11.25X9.00X2.72	LINEAR TECH., LTM9010IY-14	110

Linear Technology Corporation

LTM9009IY-14

Bill Of Materials

DC1884A1-C

QTY- 110

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Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	110
1	1	DC1884A-1	GENERAL BOM		1
2	1	U1	I.C., AD Converter Module, BGA140-11.25X9.00X2.72	LINEAR TECH., LTM9009IY-14	110

Linear Technology Corporation

LTM9008IY-14

Bill Of Materials

DC1884A1-D

QTY- 0

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Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	0
1	1	DC1884A-1	GENERAL BOM		0
2	1	U1	I.C., AD Converter Module, BGA140-11.25X9.00X2.72	LINEAR TECH., LTM9008IY-14	0

Linear Technology Corporation

LTM9007IY-14

Bill Of Materials

DC1884A1-E

QTY- 0

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Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	0
1	1	DC1884A-1	GENERAL BOM		0
2	1	U1	I.C., AD Converter Module, BGA140-11.25X9.00X2.72	LINEAR TECH., LTM9007IY-14	0

Linear Technology Corporation

LTM9006IY-14

Bill Of Materials

DC1884A1-F

QTY- 0

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Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	0
1	1	DC1884A-1	GENERAL BOM		0
2	1	U1	I.C., AD Converter Module, BGA140-11.25X9.00X2.72	LINEAR TECH., LTM9006IY-14	0