

Linear Technology Corporation

USB SERIAL CONTROLLER II

ENG: MARK THOREN (25-30)

BILL OF MATERIALS

DC590B-2

QTY-525

7/26/2006 3:31 PM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				NUMBER OF BOARDS =	525
1	27	C1-C5,C8-C10,C12-C19,C23,C26,C27,C30-C37	CAP., X5R,0.1UF 10V 10%,0402	AVX, 0402ZD104KAT	14175
2	1	C6	CAP., X7R, 2200PF 100V 10%,0402	AVX, 04025C222KAT1A	525
3	1	C7	CAP., NPO 100PF 50V 10%,0402	AVX, 04025A101KAT1A	525
4	7	C11,C21,C24,C38,C40,C41,C42	CAP., X5R, 10UF 6.3V 20%, 0805	TDK, C2012X5R0J106M	3675
5	1	C20	CAP., X5R, 100UF 6.3V 20%,1210	TDK, C3225X5R0J107M	525
6	3	C22,C28,C39	CAP., X7R 0.01UF 16V 10%,0402	AVX, 0402YC103KAT1A	1575
7	1	C25	CAP., X7R, 330PF 100V 10%,0402	AVX, 04025C331KAT1A	525
8	1	C29	CAP., X7R, 2.2NF 1000V,1206	AVX, 1206AC222KAT	525
9	2	C43,C44	CAP., NPO 47PF 50V 10%,0402	AVX, 04025A470KAT1A	1050
10	2	D1,D2	DIODE,SCHOTTKY, SOT23	DIODES INC., BAT54S-7-F	1050
11	7	E1,E2,E3,E4,E5,E6,E7	TESTPOINT, TURRET, 0.064"	MILL-MAX, 2308-2	3675
12	4	JP1,JP2,JP5,JP6	JMP, 2X3, 0.079"	SAMTEC, TMM-103-02-L-D	2100
13	0	JP3	JMP, 3PIN 1 ROW .079CC	OPT	0
14	1	JP4	JMP, 3PIN 1 ROW .079CC	SAMTEC, TMM-103-02-L-S	525
15	0	JP7	JMP, 2PIN 1 ROW .079CC	OPT	0
16	2	SHUNTS ON JP4 (1&2), JP5 (1&3,2&4), JP6 (3&4)	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	1050
17	0	J1	JMP, 2X20, 0.100"	OPT	0
18	0	J2	JMP, 2X7, 0.100"	OPT	0
19	1	J3	CON, USB-B, 4 PINS, SINGLE THR. HOLE	MILL-MAX, 897-30-004-90-000	525
20	1	J4	HEADER, 2X7PIN, 0.079CC	MOLEX, 87831-1420	525
21	5	LED1-LED5	LED, GND, 0603	LITE ON, LTST-C190KGKT	2625
22	1	Q1	TRANS, NPN, MMBT3904, SOT23	DIODES INC., MMBT3904-7	525
23	2	Q2,Q5	XSTOR,N-CH, SOT23	SILICONIX, 2N7002	1050
24	1	Q4	MOSFET, N-CH, DS, SOT23	SILICONIX, Si2316DS	525
25	1	RSENSE	RES., Chip 0.1 OHM, 1%, 0805	VISHAY/DALE, WSL0805R1000F	525
26	4	R1,R49,R57,R64	RES., Chip 49.9K 1/16W 1%,0402	AAC, CR05-4992FM	2100
27	5	R2,R11,R12,R13,R20	RES., Chip 475 1/16W 1%,0402	AAC, CR05-4750FM	2625
28	19	R3,R8,R9,R21,R27,R28,R30,R31,R33,R35,R39,R43-R48,R63,R68	RES., Chip 10K 1/16W 5%,0402	AAC, CR05-103JM	9975
29	7	R4,R6,R14,R17,R23,R24,R29	RES., Chip 22.1 1/16W 1%,0402	AAC, CR05-22R1FM	3675
30	13	R5,R15,R16,R18,R19,R22,R25,R51,R52,R56,R58,R59,R62	RES., Chip 1.5K 1/16W 5%,0402	AAC, CR05-152JM	6825
31	1	R7	RES., Chip 14K 1/16W 1%,0402	AAC, CR05-1402FM	525
32	2	R10,R66	RES., Chip 102K 1/16W 1%,0402	AAC, CR05-1023FM	1050
33	1	R26	RES., Chip 6.34K 1/16W 1%,0402	AAC, CR05-6341FM	525
34	1	R32	RES., Chip 2.21K 1/16W 1%,0402	AAC, CR05-2211FM	525
35	4	R34,R36,R37,R40	RES., Chip 100 1/16W 5%,0402	AAC, CR05-101JM	2100
36	1	R38	RES., Chip 16.9K 1/16W 1%,0402	VISHAY, CRCW040216K9FKTD	525

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				NUMBER OF BOARDS =	525
37	8	R41,R42,R50,R53,R54,R55,R60,R61	RES., Chip 4.99K 1/16W 1%,0402	AAC, CR05-4991FM	4200
38	1	R65	RES., Chip 26.7K 1/16W 1%,0402	VISHAY, CRCW04022672F	525
39	1	R67	RES., Chip 41.2K 1/16W 1%,0402	AAC, CR05-4122FM	525
40	1	SW1	SW, LIGHT TOUCH, EVQPPDA25	PANASONIC, EVQPPDA25	525
41	1	T1	XFMR, PA0510, TRANS-PA0510	PULSE, PA0510NL	525
42	1	U1	I.C., PIC16LF877A-I/PT, QFP44	MICROCHIP, PIC16LF877A-I/PT	525
43	1	U2	I.C., LTC1799CS5, TSOT23-5	LINEAR TECH., LTC1799CS5	525
44	1	U3	I.C., LTC1726EMS8-2.5#PBF, MS8	LINEAR TECH., LTC1726EMS8-2.5#PBF	525
45	2	U6,U4	I.C., NC7SP17P5X, SC70-5	FAIRCHILD SEMI., NC7SP17P5X	1050
46	1	U5	I.C., 74HC74PW, TSSOP14	PHILIPS SEMI., 74HC74PW	525
47	1	U7	I.C., FT245BM, LQFP32	FUTURE TECH., FT245BM	525
48	1	U8	I.C., 93LC46BT-I/OT, SOT23-6	MICROCHIP, 93LC46BT-I/OT	525
49	1	U9	I.C., LTC6905CS5-96, TSOT23-5	LINEAR TECH., LTC6905CS5-96	525
50	1	U10	I.C., LT1761ES5-3.3, SOT23-5	LINEAR TECH., LT1761ES5-3.3	525
51	1	U11	I.C., LTC3439EFE, TSSOP16FE	LINEAR TECH., LTC3439EFE	525
52	1	U12	I.C., LTC4210-1CS6, TSOT23-6	LINEAR TECH., LTC4210-1CS6	525
53	2	U13,U17	I.C., 74VHC125MTC, TSSOP14	FAIRCHILD SEMI., 74VHC125MTCX	1050
54	1	U14	I.C., HCPL-092J, SO16-NB	AVAGO/AGILENT, HCPL-092J	525
55	2	U15,U20	I.C., 74VHC4052MTC, TSSOP16	FAIRCHILD SEMI., 74VHC4052MTC	1050
56	2	U23,U16	I.C., OPTOCOUPLER, MOCD207M, S08	FAIRCHILD SEMI., MOCD207M-NL	1050
57	1	U18	I.C., LTC4302CMS-2, MS10	LINEAR TECH., LTC4302CMS-2	525
58	1	U19	I.C., LT1719CS6, SOT23-6	LINEAR TECH., LT1719CS6	525
59	1	U21	I.C., LT1761ES5-5, SOT23-5	LINEAR TECH., LT1761ES5-5	525
60	1	U22	I.C., LT1761ES5-SD, SOT23-5	LINEAR TECH., LT1761ES5-SD	525
61	1	VR1	RPOT, 10K, 1TURN, RPOT-3313J	BOURNS, 3313J-1-103E	525
62	4	MTG 4 CORNERS	STAND-OFF, NYLON (SNAP ON), 0.25" TALL	KEYSTONE, 8831(SNAP ON)	2100
63	2		STENCILS BOTH SIDES	DC590B	2