

Linear Technology Corporation

LTC3203BEDD

500mA LOW NOISE, HIGH EFFICIENCY CHARGE PUMP

ENG: JULIAN ZHU (23-30)

BILL OF MATERIALS

DEMO CIRCUIT 863A-A

QTY-125

5/9/2006 2:59 PM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				NUMBER OF BOARDS =	125
1	3	C1,C2,C3	CAP., X5R 2.2uF 6.3V 10%,0603	AVX, 06036D225KAT1A	375
2	1	C4	CAP., X5R 4.7uF 16V 20%,0805	KEMET, C0805C475M4PAC7800	125
3	1	C5	CAP., X5R 0.22uF 16V 20%,0603	TAIYO YUDEN, EMK107BJ224MA	125
4	1	C6	CAP., X5R 4.7uF 6.3V 20%,0603	TDK, C1608X5R0J475M	125
5	1	C7	CAP., TANT., 47uF 10V 20%,3528	AVX, TPSB476M010R0650	125
6	1	C8	CAP., NPO, 4.7PF 25V, 0402	AVX, 04023A4R7CAT1A	125
7	4	E1,E2,E3,E4	TP, 0.094" DIA	MILL-MAX, 2501-2-00-80-00-00-07-0	500
8	1	JP1	JMP, 1X3, 0.079"	SAMTEC, TMM-103-02-L-S	125
9	0	JP2	JMP, 2X3, 0.100"	OPT	0
10	1	FOR JP1 (1&2)	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	125
11	1	R1	RES., CHIP, 267K 1/16W 1%,0402	AAC CR05-2673FM	125
12	1	R2	RES., CHIP, 100K 0.06W 1%,0402	AAC CR05-1003FM	125
13	1	R3	RES., CHIP, 280K 1/16W 1%,0402	AAC CR05-2803FM	125
14	1	R4	RES., CHIP, 105K 0.06W 1%,0402	AAC CR05-1053FM	125
15	1	R5	RES., CHIP, 1.0M 1/16W 5%,0402	AAC CR05-105JM	125
16	1	R6	RES., CHIP, 0 1/16W 5%,0402	AAC, CJ05-000M	125
17	0	R7,R8	RES., 0402	OPT	0
18	1	U1	I.C., VOLT. REG., LTC3203BEDD, DFN10DD	LINEAR TECH., LTC3203BEDD	125

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LTC3203EDD-1

500mA LOW NOISE, HIGH EFFICIENCY CHARGE PUMP

ENG: JULIAN ZHU (23-30)

BILL OF MATERIALS

DEMO CIRCUIT 863A-B

QTY-125

5/9/2006 2:59 PM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				NUMBER OF BOARDS =	125
1	3	C1,C2,C3	CAP., X5R 2.2uF 6.3V 10%,0603	AVX, 06036D225KAT1A	375
2	1	C4	CAP., X5R 4.7uF 16V 20%,0805	KEMET, C0805C475M4PAC7800	125
3	1	C5	CAP., X5R 0.22uF 16V 20%,0603	TAIYO YUDEN, EMK107BJ224MA	125
4	1	C6	CAP., X5R 4.7uF 6.3V 20%,0603	TDK, C1608X5R0J475M	125
5	1	C7	CAP., TANT., 47uF 10V 20%,3528	AVX, TPSB476M010R0650	125
6	0	C8	CAP., 0402	OPT	0
7	4	E1,E2,E3,E4	TP, 0.094" DIA	MILL MAX, 2501-2	500
8	1	JP1	JMP, 1X3, 0.079"	SAMTEC, TMM-103-02-L-S	125
9	1	JP2	JMP, 2X3, 0.100"	SAMTEC, TSW-103-07-L-D	125
10	1	JP1(1&2)	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	125
11	1	JP2 (1&3, 2&4)	SHUNT, .100" CENTER, 4-WAY	SAMTEC, MNT-102-BK-G	125
12	0	R1,R3,R6	RES., CHIP,0402	OPT	0
13	1	R2	RES., CHIP, 100K 0.06W 1%,0402	AAC CR05-1003FM	125
14	1	R4	RES., CHIP, 3.32M 0.06W 1%,0402	VISHAY, CRCW04023324FRT6	125
15	1	R5	RES., CHIP, 1.0M 1/16W 5%,0402	AAC CR05-105JM	125
16	1	R7	RES., CHIP, 402K 0.06W 1%,0402	AAC CR05-4023FM	125
17	1	R8	RES., CHIP, 357K 0.06W 1%,0402	VISHAY, CRCW04033573FKTD	125
18	1	U1	I.C., VOLT. REG., LTC3203EDD-1, DFN10DD	LINEAR TECH., LTC3203EDD-1	125

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LTC3203BEDD-1

500mA LOW NOISE, HIGH EFFICIENCY CHARGE PUMP

ENG: JULIAN ZHU (23-30)

BILL OF MATERIALS

DEMO CIRCUIT 863A-C

QTY-125

5/9/2006 2:59 PM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				NUMBER OF BOARDS =	125
1	3	C1,C2,C3	CAP., X5R 2.2uF 6.3V 10%,0603	AVX, 06036D225KAT1A	375
2	1	C4	CAP., X5R 4.7uF 16V 20%,0805	KEMET, C0805C475M4PAC7800	125
3	1	C5	CAP., X5R 0.22uF 16V 20%,0603	TAIYO YUDEN, EMK107BJ224MA	125
4	1	C6	CAP., X5R 4.7uF 6.3V 20%,0603	TDK, C1608X5R0J475M	125
5	1	C7	CAP., TANT., 47uF 10V 20%,3528	AVX, TPSB476M010R0650	125
6	0	C8	CAP., 0402	OPT	0
7	4	E1,E2,E3,E4	TP, 0.094" DIA	MILL MAX, 2501-2	500
8	1	JP1	JMP, 1X3, 0.079"	SAMTEC, TMM-103-02-L-S	125
9	1	JP2	JMP, 2X3, 0.100"	SAMTEC, TSW-103-07-L-D	125
10	1	JP1(1&2)	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	125
11	1	JP2 (1&3, 2&4)	SHUNT, .100" CENTER, 4-WAY	SAMTEC, MNT-102-BK-G	125
12	0	R1,R3,R6	RES., CHIP,0402	OPT	0
13	1	R2	RES., CHIP, 100K 0.06W 1%,0402	AAC CR05-1003FM	125
14	1	R4	RES., CHIP, 3.32M 0.06W 1%,0402	VISHAY, CRCW04023324FRT6	125
15	1	R5	RES., CHIP, 1.0M 1/16W 5%,0402	AAC CR05-105JM	125
16	1	R7	RES., CHIP, 402K 0.06W 1%,0402	AAC CR05-4023FM	125
17	1	R8	RES., CHIP, 357K 0.06W 1%,0402	AAC CR05-3573FM	125
18	1	U1	I.C., VOLT. REG., LTC3203BEDD-1, DFN10DD	LINEAR TECH., LTC3203BEDD-1	125