

Linear Technology Corporation
LTC4380IDD-1/-2

Bill Of Materials
DC2178A3-GENERAL BOM
4/20/2016 12:48 PM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	520
1	1	CL	CAP., ELECT., 22µF 50V, 20%, C-CE-LX-6.3X6.0	SUN ELECT., 50CE22LX	520
2	1	CSNUB	CAP., X7R, 10nF 500V, 20%, 1206	AVX, 12067C103MAT2A	520
3	1	CTMR1	CAP., X7R, 10uF 10V, 10%, 1206	Murata, GRM31CR71A106KA01L	520
4	0	CTMR2	CAP., 1206	OPT	0
5	1	C1A	CAP., X7R, 2.2uF 100V, 10%, 1210	MURATA, GRM32ER72A225KA35L	520
6	0	C1B	CAP., 1210	OPT	0
7	1	C2	CAP., X7R, 47nF 100V, 20%, 0805	AVX, 08051C473MAT2A	520
8	1	DLED	LED, GREEN, LED-ROHM-SML-01	ROHM, SML-012P8TT86	520
9	1	D1	DIODE, ZENER, 68V, 500mW, SOD123	CENTRAL SEMI., CMHZ5266B	520
10	0	D6	DIODE, DDZ9702S, 15V, 200mW, SOD323	OPT	0
11	6	E1,E2,E3,E4,E5,E8	TESTPOINT, TURRET, .094" pbf	MILL-MAX, 2501-2-00-80-00-00-07-0	3120
12	3	E6,E7,E9	TESTPOINT, TURRET, .064" pbf	MILL-MAX, 2308-2-00-80-00-00-07-0	1560
13	2	JP1,JP2	JMP, 2X2, .079", HD2X2-79	SULLINS, NRPN022PAEN-RC	1040
14	4	J1,J2,J3,J4	BANANA JACK, NON-INSULATED	KEYSTONE, 575-4	2080
15	1	Q1	MOSFET, N-CH, 250V, D2-PAK	FAIRCHILD, FDB33N25TM	520
16	1	RDRN	RES., CHIP, 240K, 1/4W, 5%, 1206	NIC, NRC12J244TRF	520
17	2	RLED1,RLED2	RES., CHIP, 3.6K, 1/4W, 5%, 1206	NIC, NRC12J362TRF	1040
18	1	RSNS	RES., SENSE, 0.04, 1/8W, 5%, 0805	NIC, NCST10JR040HTRF	520
19	1	RSNUB	RES., CHIP, PULSE PROOF, 100, 1/2W, 5%, 1210	NIC, NRCP25J101TRF	520
20	1	R1	RES., CHIP, PULSE PROOF, 20K, 1/4W, 5%, 1206	NIC, NRCP12J203TRF	520
21	1	R2	RES., CHIP, 33, 1/8W, 5% 0805	NIC, NRC10J330TRF	520
22	1	R3	RES., CHIP, 10, 1/8W, 5% 0805	NIC, NRC10J100TRF	520
23	2	SHUNTS FOR JP1 (27V) AND JP2 (ON)	SHUNT, 0.079" CENTER	Wurth Elektronik, 60800213421	1040
24	4	MH1,MH2,MH3,MH4	STANDOFF, NYLON 0.5"	KEYSTONE, 8833 (SNAP ON)	2080
25	2	STENCILS	STENCILS FOR BOTH SIDES	DC2178A-3	2

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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 =	260
1	1	DC2178A3-GENERAL BOM			1
2	1	U1	I.C., LTC4380IDD-1, DFN10DD-3X3	LINEAR TECH., LTC4380IDD-1	260

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Bill Of Materials
Demo Bd. 2178A3-B
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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 =	260
1	1	DC2178A3-GENERAL BOM			1
2	1	U1	I.C., LTC4380IDD-2, DFN10DD-3X3	LINEAR TECH., LTC4380IDD-2	260