

# Linear Technology Corporation

LTC4232IDHC / -1

GENERAL BOM

Demo Bd. #1886B-2

QTY- 220

7/7/2014 2:21 PM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>220</b>
1	0	CIN1,COUT2	CAP., SANYO\16X25H	OPT	0
2	1	COUT1	CAP., TANT, 22uF 25V, 20%, 7343	AVX, TPSD226M025R0200	220
3	1	C2	CAP., X5R, 1uF 25V, 0603	AVX, 06033D105KAT2A	220
4	1	D1	DIODE, 400W TRANSIENT VOLTAGE SUPPRESSOR,SMA-DIODE	DIODES INC., SMAJ22A-13-F	220
5	2	D2,D4	LED, GREEN, LED-ROHM-SML-010FT	ROHM, SML-010FTT86L	440
6	2	D3,D5	LED, RED, LED-ROHM-SML-010VT	ROHM, SML-010VTT86L	440
7	4	E1,E2,E3,E4	TURRET, TEST PIN, .094"	MILL-MAX, 2501-2-00-80-00-00-07-0	880
8	8	E5-E12	TURRET, TEST PIN, .064"	MILL-MAX, 2308-2-00-80-00-00-07-0	1760
9	2	JP1,JP2	JMP, HD1X3, .079CC	SULLIN, NRPN031PAEN-RC	440
10	1	RMON	RES., CHIP, 20K, 1/8W, 5%, 0805	YAGEO, RC0805JR-0720KL	220
11	0	RSET	RES., CHIP, 0805	OPT	0
12	4	R1,R2,R3,R5	RES., CHIP, 3.3K, 1/16W, 5%, 0603	YAGEO, RC0603JR-073K3L	880
13	1	R4	RES., CHIP, 150K, 1/16W, 5%, 0603	YAGEO, RC0603JR-07150KL	220
14	3	R6,R7,R8	RES., CHIP, 20K, 1/16W, 5%, 0603	YAGEO, RC0603JR-0720KL	660
15	1	R9	RES., CHIP, 140K, 1/16W, 5%, 0603	YAGEO, RC0603JR-07140KL	220
16	1	R10	RES., CHIP, 226K, 1/16W, 5%, 0603	YAGEO, RC0603JR-07226KL	220
17	2		SHUNT, 0.079" CENTER	SAMTEC, 2SN-BK-G	440
18	1		STENCIL FOR TOP SIDE ONLY	DC1886B-2	220

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Bill Of Materials

Demo Bd. #1886B2 - AB

QTY- 220

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ASSY Type	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>220</b>
<b>A</b>	1		DC1886B2-GENERAL BOM		1
	1	C1	CAP., X5R, 1uF 25V, 0603	AVX, 06033D105KAT2A	110
	0	CGS,CGATE	CAP., 0603	OPT	0
	0	RGATE	RES., 0603	OPT	0
	1	U1	I.C., LTC4232IDHC, DFN16DHC	LINEAR TECH., LTC4232IDHC	110
<b>B</b>	1		DC1886B2-GENERAL BOM		1
	1	C1	CAP., X5R, 0.1uF 25V, 0603	AVX, 06033D104KAT2A	110
	0	CGS	CAP., X7R, 3300pF 100V, 5%, 0603	AVX, 06031C332JAT2A	0
	1	CGATE	CAP., X7R, 0.01uF 100V, 10%, 0603	AVX, 06031C103KAT2A	110
	1	RGATE	RES., CHIP, 100K, 1/10W, 1% 0603	NIC, NRC06F1003TRF	110
	1	U1	I.C., LTC4232IDHC-1, DFN16DHC	LINEAR TECH., LTC4232IDHC-1	110