

Linear Technology Corporation

LTC4266A-1IUHF Thru LTC4266A-4IUHF

GENERAL BOM (A,B,C,D)

Bill Of Materials

Demo Bd. 1815A

QTY- 252

5/14/2013

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty			
				NUMBER OF BOARDS =	252			
1	2	C4,C65	CAP, 0603 0.1uF 10% 25V X7R	TDK C1608X7R1E104K	504			
2	16	CT1-CT16	CAP, 0805 0.01uF 5% 100V X7R	AVX 0805C103JAT2A	4032			
3	2	C64,C66	CAP, 0805 1uF 10% 100V X7S	TDK C2012X7S2A105K	504			
4	1	C2	CAP, 10uF 20% 100V ALUM.	PANASONIC EEE-2AA100UP	252			
5	4	C22,C36,C47,C58	CAP, 1206 0.22uF 5% 100V X7R	AVX 12061C224JAT2A	1008			
6	10	C5,C6,CG1-CG8	CAP, 1808 1000pF 10% 2KV X7R	TDK C4520X7R3D102K	2520			
7	2	J2,J3	CONN, JACK, BANANA	KEYSTONE 575-4	504			
8	1	J1	CONN, RJ45, 8-PORT DUAL ROW SHIELDED	TE CONNECTIVITY, 5569262-1	252			
9	1	CLD1	DIODE, CURRENT LIMITING, 2.7mA, SOD-80	CENTRAL SEMI CCLM2700	252			
10	8	D8-D11,D24-D27	DIODE, RECTIFIER, 100V 1A, SMA	FAIRCHILD S1B	2016			
11	1	D3	DIODE, TVS, 400W, 58V, SMA	DIODES INC. SMAJ58A	252			
12	2	D18,D20	DIODE, TVS, 5000W, 60V, SMC	LITTLEFUSE 5.0SMDJ60A	504			
13	1	D1	DIODE, ZENER 3.9V SOD-123	ON SEMI, MMSZ4686T1G	252			
14	1	D23	DIODE, ZENER, 5.6V, SOT23	FAIRCHILD, BZX84C5V6	252			
15	16	F1-F16	FUSE, 3A, 63VDC 1206	BEL FUSE C1Q 3	4032			
16	1	J6	HEADER, 2X7 2MM	MOLEX 87831-1420	252			
17	2	JP4,JP5	HEADER, 3PIN, 2mm	SAMTEC TMM-103-02-L-S	504			
18	1	U3	IC, 24LC025, EEPROM, TSSOP	MICROCHIP 24LC025-I/ST	252			
19	2	D5,D7	LED, AMBER	ROHM SML-010DTT86L	504			
20	4	D12-D15	LED, GREEN	ROHM SML-010FTT86L	1008			
21	1	D6	LED, RED	ROHM SML-010VTT86L	252			
22	1	R9	RES, 0603 1 OHMS 5% 1/10W	VISHAY CRCW06031R00JNEA	252			
23	1	R10	RES, 0603 10 OHMS 5% 1/10W	VISHAY CRCW060310R0JNEA	252			
24	1	R5	RES, 0603 100K OHMS 5% 1/10W	VISHAY CRCW0603100KJNEA	252			

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				NUMBER OF BOARDS =	252			
25	2	R1,R2	RES, 0603 10K OHMS 5% 1/10W	VISHAY CRCW060310K0JNEA	504			
26	6	R8,R13,R18,R21,R24,R L1	RES, 0603 1.0K OHMS 5% 1/10W	VISHAY CRCW06031K00JNEA	1512			
27	4	R7,R17,R20,R23	RES, 0603 10M OHMS 5% 1/10W	VISHAY CRCW060310M0JNEA	1008			
28	4	R6,R16,R19,R22	RES, 0603 910K OHMS 5% 1/10W	VISHAY CRCW0603910KJNEA	1008			
29	3	REP3-REP5	RES, 0603 5.1K OHMS 5% 1/10W	VISHAY CRCW06035K10JNEA	756			
30	32	RT1-RT32	RES, 0603 75 OHMS 5% 1/10W	VISHAY CRCW060375R0JNEA	8064			
31	3	R14, R15, R25	RES, 1206 4.7K OHMS 5% 1/4W	VISHAY CRCW12064K70JNEA	756			
32	4	RS1-RS4	RES, 2512, 0.25 OHMS 1% 2W	STACKPOLE, CSRN2512FKR250	1008			
33	4	MH1-MH4	STAND-OFF, NYLON 0.75"	KEYSTONE, 8834(SNAP ON)	1008			
34	1	S1	SWITCH, DIP 4-POSITION	TYCO/ALCOSWITCH ADE0404	252			
35	6	S2-S7	SWITCH, MOMENTARY	WURTH, 434 123 050 816	1512			
36	16	E1-E16	TESTPOINT, TURRET, .094" pbf	MILL-MAX, 2501-2-00-80-00-00-07-0	4032			
37	4	T1-T4	TRANSFORMER, POE++	MIDCOM WURTH 749022016	1008			
			(option)	COILCRAFT ETH1-460LD				
38	4	Q9-Q12	XSTR, MOSFET P-CHANNEL 30V (D-S), SOT23	VISHAY Si2343DS	1008			
39	4	Q1-Q4	XSTR, MOSFET, N-CHANNEL 100V	FAIRCHILD FDMC86102	1008			
40	1	Q5	XSTR, PNP, 100V, SOT223	ZETEX ZXTP19100CG	252			
41	3	XJP4, XJP5	SHUNT, 2mm	SAMTEC 2SN-BK-G	756			
42	1		FAB, PRINTED CIRCUIT BOARD	DEMO CIRCUIT 1815A-2	252			
43	2		STENCIL TOP & BOTTOM	DC1815A-2	2			

Linear Technology Corporation

LTC4266A-1IUHF

Bill Of Materials
Demo Bd. 1815A-A

QTY- 48

5/14/2013

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty			
			NUMBER OF BOARDS =		48			
1	1	DC1815A2	GENERAL BOM		1			
2	16	FB1-FB16	FERRITE BEAD, 1K, 0805	TDK MPZ2012S102A	768			
3	1	U1	IC, LTC4266A-1, QUAD PORT 38.7W PSE CONTROLLER	LINEAR LTC4266AIUHF-1	48			
4	1		FAB, PRINTED CIRCUIT BOARD	DEMO CIRCUIT 1815A-2	48			

Linear Technology Corporation

LTC4266A-2IUHF

Bill Of Materials
Demo Bd. 1815A-B

QTY- 51

5/14/2013

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty			
				NUMBER OF BOARDS =	51			
1	1	DC1815A2	GENERAL BOM		1			
2	16	FB1-FB16	FERRITE BEAD, 1K, 0805	TDK MPZ2012S102A	816			
3	1	U1	IC, LTC4266A-2, QUAD PORT 52.7W PSE CONTROLLER	LINEAR LTC4266AIUHF-2	51			
4	1		FAB, PRINTED CIRCUIT BOARD	DEMO CIRCUIT 1815A-2	51			

Linear Technology Corporation

LTC4266A-3IUHF

Bill Of Materials
Demo Bd. 1815A-C

QTY- 75

5/14/2013

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty			
				NUMBER OF BOARDS =	75			
1	1	DC1815A2	GENERAL BOM		1			
2	16	FB1-FB16	FERRITE BEAD, 1K, 0805	TDK MPZ2012S102A	1200			
3	1	U1	IC, LTC4266A-3, QUAD PORT 70W PSE CONTROLLER	LINEAR LTC4266AIUHF-3	75			
4	1		FAB, PRINTED CIRCUIT BOARD	DEMO CIRCUIT 1815A-2	75			

Linear Technology Corporation

LTC4266A-4IUHF

Bill Of Materials
Demo Bd. 1815A-D

QTY- 78

5/14/2013

<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>			
				NUMBER OF BOARDS =	78			
1	1	DC1815A2	GENERAL BOM		1			
2	16	FB1-FB16	FERRITE BEAD, 1300 OHM, 1812	TAIYO YUDEN FBMH4532HM132-T	1248			
3	1	U1	IC, LTC4266A-4, SINGLE PORT 90W PSE CONTROLLER	LINEAR LTC4266AIUHF-4	78			
4	1		FAB, PRINTED CIRCUIT BOARD	DEMO CIRCUIT 1815A-2	78			