

ANALOG DEVICES

LTC4283IUHF

Bill Of Materials
Demo Bd. # 2480A-2
5/8/2019 12:11 PM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	275
1	4	CUV1,CIN1,CG1,C1	CAP.,0.1uF,X7R,25V,10%,0603	AVX, 06033C104KAT2A TDK, C1608X7R1E104K080AA	1100
2	1	CIN2	CAP.,220uF,ALUM ELECT,16V,20%, C-CE-FS-6.3X7.7	SUN Electronic Industries Corp, 16CE220FS	275
3	1	CL	CAP.,10uF,ALUM ELECT,100V,20%, C-CE-FS-6.3X7.7	SUN Electronic Industries Corp, 100CE10FS	275
4	0	C2,C3,C4,C5,CR	CAP., 0603	OPT	0
5	1	C6	CAP.,0.01uF,X7R,25V,10%,0603	AVX, 06033C103KAT2A	275
6	1	CSNUB1	CAP.,0.01uF,U2J,250V,5%,1206	MURATA, GRM31B7U2E103JW31L	275
7	1	CTMR	CAP.,0.15uF,X7R,25V,10%,0603	KEMET, C0603C154K3RACTU	275
8	1	CVCC	CAP.,1uF,X7R,50V,10%,0603	Taiyo Yuden, UMK107AB7105KA-T	275
9	0	D1,D2	DIODE, SUPPRESSION, 3000W, DO214AB OPT	LITTELFUSE, SMDJ75A	0
10	1	DIN	DIODE,SWITCHING,250V,200mA, SOD323	DIODES INC., BAV21WS-7-F	275
11	7	DLED1-DLED3,DLED5-DLED8	LED,GREEN, WATERCLEAR, 0805	Wurth Elektronik, 150080GS75000	1925
12	3	DLED4,DLED9,DLED10	LED,RED, WATERCLEAR, 0805	Wurth Elektronik, 150080RS75000	825
13	4	E1,E14,E26,E27	TEST POINT,TURRET,0.094" MTG. HOLE	MILL-MAX/2501-2-00-80-00-00-07-0	1100
14	31	E3-E6,E10,E11,E13,E15-E17, E23,E25,E28-E43,E45-E47	TEST POINT,TURRET,0.064" MTG. HOLE	MILL-MAX/2308-2-00-80-00-00-07-0	8525
15	3	H1,H2,H3	RING TERMINAL,1/4 STUD, PAD-ILSCO-SLUH-90	PANDUIT CORP., S4-14R-T	825
				(ALTERNATE ILSCO, SLUH-90)	0
				(ALTERNATE LENCOR L-26)	0
16	3	FOR H1,H2,H3	SCREW,1/4"-28,3/4",CAP	PENCOM, SC2126	825
17	6		WASHER,FLAT,1/4",SS	PENCOM, WA1072	1650
18	3		WASHER,SPLIT,1/4",SS	PENCOM, WA1079	825
19	3		NUT,HEX,1/4-28,SS	PENCOM, NU1346	825
20	2	JP1,JP4	CONN.,HDR,MALE,2x2,2mm,VERT, STR, THT	Wurth Elektronik, 62000421121	550
21	2	JP2,JP3	CONN.,HDR,MALE,2x3,2mm,VERT, STR, THT	Wurth Elektronik, 62000621121	550
22	1	JP5	CONN.,HDR,MALE,2x2,2.54mm,VERT, STR, THT	Wurth Elektronik, 61300421121	275
23	1	J1	CONN.,SHROUDED HDR,MALE,2x7,2mm,VERT, STR, THT	MOLEX, 87831-1420	275
24	1	J2	CONN.,SHROUDED HEADER,MALE,2x6,2mm,VERT,THT	MOLEX, 87831-1220	275
25	3	J3,J4,J5	CONN.,BANANA JACK,FEMALE,THT,NON-INSULATED	KEYSTONE, 575-4	825
26	1	MALT#	XSTR.,MOSFET, N-CH,60V,300mA, SOT23	FAIRCHILD, 2N7002K	275
27	1	M1A	XSTR.,MOSFET,N-CHAN,100V,3.95mA, D2PAK	NXP, PSMN3R7-100BSE	275
28	0	M1B	MOSFET, N-CH, MOSFET-D2PAK-LFPAK-PGH80F8	OPT	0
29	1	QLED	TRANSISTOR, PWR, N-CH, 100V, SOT223-NOPIN2	ON SEMI., NSS1C201MZ4T1G	275
30	7	RPGIO3,RPGIO4,RWP,RSDAI,	RES., 200k OHMS, 1/10W 5%, 0603	VISHAY, CRCW0603200KJNEA	1925

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		RSCL,REN#,RALT#			
31	1	RD	RES., 100k OHMS, 1/4W 1%, 1206	VISHAY, CRCW1206100KFKEA	275
32	9	R11,R13,R15,R17-R20,RRB,RDB	RES., 10k OHMS, 1/10W 0.1%, 0603	PANASONIC, ERA-3AEB103V	2475
33	2	RRT,RDT	RES., 390k OHMS, 1/3W 0.1%, 1206	STACKPOLE, RNCF1206BTC390K	550
34	1	RG1	RES., 1k OHMS, 1/10W 5%, 0603	VISHAY, CRCW06031K00JNEA	275
35	6	RIN1-RIN6	RES., 820 OHMS, 1/4W 5%, 1206	VISHAY, CRCW1206820RJNEA	1650
36	3	RLED1,RLED2,RLED4	RES., 47k OHMS, 1/10W 5%, 0603	VISHAY, CRCW060347K0JNEA	825
37	7	RPG1#,R1,RPG2#,R2,RLED3,R6,R21	RES., 10k OHMS, 1/10W 5%, 0603	VISHAY, CRCW060310K0JNEA	1925
38	4	RLED5,RLED6,RLED7,RLED8	RES., 200k OHMS, 1/4W 1%, 1206	VISHAY, CRCW1206200KFKEA	1100
39	1	RM1A	RES., 10 OHMS, 1/16W, 5% 0402	VISHAY, CRCW040210R0JNED	275
40	0	RM1B	RES., 10 OHMS, 1/16W, 5% 0402	OPT	0
41	2	ROV1,ROB	RES., 20k OHMS, 1/10W 1%, 0603	VISHAY, CRCW060320K0FKEA	550
42	1	ROT	RES., 5.62k OHMS, 1/10W 1%, 0603	VISHAY, CRCW06035K62FKEA	275
43	1	ROV2	RES., 10k OHMS, 1/4W 1%, 1206	VISHAY, CRCW120610K0FKEA	275
44	1	RQLED	RES., 5.6k OHMS, 1/4W 5%, 1206	VISHAY, CRCW12065K60JNEA	275
45	0	RSDAO	RES., 200k OHMS, 1/10W 5%, 0603	OPT	0
46	1	RSNUB1	RES., PULSE PROOF, 100 OHMS, 1/4W 5%, 1206	VISHAY, CRCW1206100RJNEAHP	275
47	1	RS1A	RES., SENSE, 0.002 OHMS, 1W, 1%, 1206	VISHAY, WSLP12062L000FEA	275
48	0	RS1B	RES., SENSE, 0.002 OHMS, 1W, 1%, 1206	OPT	0
49	1	RTHA	RES., NTC THERMISTOR, 100k OHMS, 3%, 0402	PANASONIC, ERTJ0EV104H	275
50	0	RTHA (ALTERNATE)	RES., NTC THERMISTOR, 10k OHMS, 1/10W 1%, 0603	TDK, NTCG164BH103	0
51	1	RTHL	RES., 4.99k OHMS, 1/10W 1%, 0603	VISHAY, CRCW06034K99FKEA	275
52	0	RTHL (ALTERNATE)	RES., 2k OHMS, 1/10W 1%, 0603	VISHAY, CRCW06032K00FKEA	0
53	1	RTHS	RES., 20k OHMS, 1/10W 1%, 0603	VISHAY, CRCW060320K0FKEA	275
54	0	RTHS (ALTERNATE)	RES., 2k OHMS, 1/10W 1%, 0603	VISHAY, CRCW06032K00FKEA	0
55	1	RTHP	RES., 499k OHMS, 1/10W 1%, 0603	VISHAY, CRCW0603499KFKEA	275
56	0	RTHP (ALTERNATE)	RES., 20k OHMS, 1/10W 1%, 0603	VISHAY, CRCW060320K0FKEA	0
57	1	RUV1	RES., 499k OHMS, 1/4W 1%, 1206	VISHAY, CRCW1206499KFKEA	275
58	1	RUV2	RES., 750 OHMS, 1/10W 1%, 0603	VISHAY, CRCW0603750RFKEA	275
59	1	RU3	RES., 1k OHMS, 1/8W 5%, 0805	VISHAY, CRCW08051K00JNEA	275
60	5	R10,R12,R14,R16,R26	RES., 1M OHMS, 1/8W 0.1%, 1206	STACKPOLE, RNCF1206BTC1M00	1375
61	1	R22	RES., 0, 1/10W, 0603	VISHAY, CRCW06030000Z0EA	275
62	2	R23,R24	RES., 5.1k OHMS, 1/10W 5%, 0603	VISHAY, CRCW06035K10JNEA	550
63	0	R27,R28	CAP., 0603	OPT	0
64	1	U1	IC., 400W HOT SWAP CONTROLLER, QFN38UHF-5X7	ANALOG DEVICES, LTC4283IUHF	275
65	2	U2,U3	IC., DUAL-CH PHOTOTRANSISTOR OPTO., SO8	FAIRCHILD, MOC217M	550

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				NUMBER OF BOARDS =	275
66	1	U4	IC., SERIAL EEPROM, TSSOP8	MICROCHIP, 24LC024-I/ST	275
67	4	MH1-MH4	STAND-OFF, NYLON, 0.5"	Würth Elektronik, 702935000	1100
68	4	JP2,JP3 (FLOAT),JP4 (RTN),JP6 (1)	CONN., SHUNT, FEMALE, 2 POS, 2mm	Würth Elektronik, 60800213421	1100
69	1	JP7(VEE)	CONN., SHUNT, FEMALE, 2 POS, 2.54mm	Würth Elektronik, 60900213421	275
70	2		STENCILS FOR BOTH SIDES	DC2480A-2	2