

ANALOG DEVICES

LTC4376IDHD#PBF

**Bill Of Materials
Demo Bd. 2706A-2**

8/29/2018 11:38 AM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	275
1	0	CFB,CFA	CAP., 0.01uF, X7R, 100V, 10%, 0805	OPT	0
2	2	C2B,C2A	CAP., 0.01uF, X7R, 100V, 10%, 0805	MURATA, GRM21BR72A103KA01L	550
3	2	COUTB,COUTA	CAP., 2.2uF, X7R, 100V, 10%, 1210	AVX, 12101C225KAT2A	550
4	2	CSNUBB,CSNUBA	CAP., 3.3uF, X7S, 100V, 10%, 1206	TDK, C3216X7S2A335K160AB	550
5	2	D1B,D1A	DIODE, TVS, 40VWM 64.5VC, SMA-DIODE	DIODES INC., SMAJ40A-13-F	550
6	2	D2B,D2A	DIODE, TVS, 24V, 400W, SMA-DIODE	DIODES INC., SMAJ24A-13-F	550
7	2	D3B,D3A	DIODE, ZENER 12V 150MW, SOD523	DIODES INC., DDZ9699T-7	550
8	0	D4B,D4A	DIODE, TVS, 40VWM 64.5VC, SMA-DIODE	OPT	0
9	0	D5B,D5A	DIODE, SWITCHING HIGH VOLTAGE, SOD523	OPT	0
10	2	D6B,D6A	DIODE, RECTIFIER,ULTRAFAST, SMA-DIODE	VISHAY, ES1D-E3-61T	550
11	8	E1,E4-E7,E10-E12	TEST POINT, TURRET, 0.094", MTG. HOLE	MILL-MAX, 2501-2-00-80-00-00-07-0	2200
12	4	E2,E3,E8,E9	TEST POINT, TURRET, 0.064", MTG. HOLE	MILL-MAX, 2308-2-00-80-00-00-07-0	1100
13	2	JP1B,JP1A	CONN., HDR, MALE, 2x3, 2mm, THT, STR	Würth Elektronik, 62000621121	550
14	8	J1B,J1A,J2B,J2A,J3B,J3A,J4B,J4A	CONN., BANANA JACK, FEMALE, THT, NON-INSULATED, SWAGE, 0.218"	KEYSTONE, 575-4	2200
15	2	M1B,M1A	MOSFET, N-CH, 100V, LFPK56	NEXPERIA, PSMN015-100YL	550
16	2	RFB,RFA	RES., 100k OHMS, 5%, 1/8W, 0805	VISHAY, CRCW0805100KJNEA	550
17	4	R1B,R1A,RSNUBB,RSNUBA	RES., 1k OHMS, 1%, 1/4W, 1206	VISHAY, CRCW12061K00FKEA	1100
18	2	R2B,R2A	RES., 10k OHMS, 5%, 1/8W, 0805	VISHAY, CRCW080510K0JNEA	550
19	2	R3B,R3A	RES., 10 OHMS, 5%, 1/8W, 0805	VISHAY, CRCW080510R0JNEA	550
20	2	U1B,U1A	IC., 12V/20A IDEAL DIODE, DFN16DHD-5X4	ANALOG DEVICES, LTC4376IDHD#PBF	550
21	2	SHUNTS ON JP1A,JP1B (ON)	CONN., SHUNT, FEMALE, 2 POS, 2mm	Würth Elektronik, 60800213421	550
22	4	MH1,MH2,MH3,MH4	STANDOFF, NYLON, SNAP-ON, 0.50"	Würth Elektronik, 702935000	1100
23	2	STENCILS	TOOL, STENCIL, DC2706A-2	ANALOG DEVICES, DC2706A-2	2