

## BOMTable.tex

Id	Designator	Quantity	DigiKey Part Number	Description
1	U1	1	AD7606BSTZ-RLCT-ND	IC DAS W/ADC 16BIT 64LQFP
2	U10	1	AD5678BRUZ-2-ND	IC DAC 12/16BIT SPI/SRL 16TSSOP
3	U2	1	LT1129CS8-5 #PBF-ND	IC LDO W/SHTDN 5V 700MA 8SOIC
4	U4	1	LT1129CS8-3.3 #PBF-ND	IC LDO REG W/SHTDWN 3.3V 8-SOIC
5	U5,U6,U9,U8,U7	5	LT1124CS8-1 #PBF-ND	IC OPAMP DUAL PREC HS LN 8SOIC
6	R41,R43,R40,R39,R38,R44,R42,R37,R36,R35,R34,R33,R32,R31,R30,R29,R28,R27,R26,R25,R24,R23,R22,R21,R20,R19,R18,R17,R16,R15,R14,R72,R65,R59,R58,R57,R56,R55,R54,R45,R86,R13,R12,R11,R10,R9,R8,R7,R6,R5,R79,R116,R117,R111,R110,R105,R104,R141,R140,R135,R134,R129,R128,R123,R122,R99,R98,R93,R92,R91,R90,R94,R95,R96,R97,R100,R101,R102,R103,R106,R108,R109,R112,R113,R114	85	P0.0ACT-ND	RES 0.0 OHM 1/8W 0805 SMD
7	R75,R74,R73,R71,R68,R67,R66,R64,R61,R60,R82,R85,R87,R81,R80,R78	16	P1.0KDACT-ND	RES 1.0K OHM 1/8W .1 % 0805 SMD
8	R70,R69,R63,R83,R84,R76,R77	8	P3.0KDACT-ND	RES 3.0K OHM 1/8W .1 % 0805 SMD
9	R53,R52,R4,R3,R2,R1,R107	7	P10KACT-ND	RES 10K OHM 1/8W 5 % 0805 SMD
10	R51,R50,R88,R89	4	P220ACT-ND	RES 220 OHM 1/8W 5 % 0805 SMD
11	R49,R48	2	P560ACT-ND	RES 560 OHM 1/8W 5 % 0805 SMD
12	R47,R46	2	P2.7KACT-ND	RES 2.7K OHM 1/8W 5 % 0805 SMD
13	C15,C14,C13,C9,C8	5	445-1419-1-ND	CAP CER 1UF 25V 10 % X5R 0805
14	C16,C17	2	445-5970-1-ND	CAP CER 3.3UF 25V 10 % X7R 0805
15	C18,C19,C20,C21,C22,C23,C24,C25,C27,C28,C29,C30,C5,C4,C3,C2,C1,C55,C54,C53,C52,C51,C50,C49,C48,C47,C46,C45,C44,C43,C42,C41,C40,C36,C38,C39	36	445-1351-1-ND	CAP CER 0.1UF 25V 10 % X7R 0805
16	C26,C7,C6,C35,C37	5	445-5984-1-ND	CAP CER 10UF 25V 10 % X5R 0805
17	C31,C32,C33,C34	4	N/A	Not populated
18	F1,F2,F3	3	MFU0805.50CT-ND	FUSE .50A 0805 VFAST SMD
19	J2,J3	2	WM8072-ND	CONN HEADER 2POS .100" STR TIN
20	J5	1	WM8134-ND	CONN HEADER 40POS .100" STR TIN
21	J7	1	A98075-ND	TERM BLOCK 12POS SIDE ENT 2.54MM
22	D9,D8,D7,D6,D5,D10	6	754-1128-1-ND	LED 2X1.2MM 625NM RD WTR CLR SMD
23	U3	1	516-1730-5-ND	OPTOCOUPLER PHOTOTRANS 6-SMD GW
24	D4,D3,D2,D1	4	1N4003-E3/54GICT-ND	DIODE GP 200V 1A DO204AL
25	C12,C11,C10	3	P5182-ND	CAP ALUM 100UF 50V 20 % RADIAL
26	P73,P58,P57,...	70	N/A	This is a PCB footprint only
27	J13,J12,J11,J10,J9	5	J121-ND, J119-ND, J312-ND, J120-ND	CONN JACK TEST VERTICAL BLACKx2, WHITEx1, BLUEx1, REDx1
28	U11	1	122-1388-ND	IC CPLD 1.6K 72MCELL 64-VQFP
29	J22	1	WM8078-ND	CONN HEADER 8POS .100" STR TIN
30	J23,J24,J4	3	WM8077-ND	CONN HEADER 7POS .100" STR TIN
31	J6	1	WM8080-ND	CONN HEADER 10POS .100" STR TIN
32	J8	1	A98338-ND	TERM BLOCK 8POS SIDE ENT 2.54MM
33	J1	1	H10644-ND	CONN RECEPT R/A 100POS 1.27MM
34	J19,J18,J20,J17, J21,J16,J15,J14	8	609-1960-ND	CONN PCI EXPRESS 36POS VERT PCB