

## Partlist

Exported from usbdx\_sigma v1.0

Part	Value	Package	BOM No	Position (mm)	Orientation
C1	100nF	C0805	1	(55.1942 44.2976)	R270
C2	12pF	C0805	2	(23.2664 37.7444)	R270
C3	12pF	C0805	2	(28.3972 52.9336)	R180
C4	100nF	C0805	1	(48.4378 21.7678)	R0
C5	100nF	C0805	1	(31.1658 46.2534)	R90
C6	100nF	C0805	1	(40.4368 20.7772)	R270
C7	100nF	C0805	1	(35.306 21.9964)	R180
C8	100nF	C0805	1	(31.4452 40.6654)	R90
C9	100nF	C0805	1	(30.353 31.6738)	R180
C10	100nF	C0805	1	(54.1274 49.6062)	R0
C11	4.7nF/1000V	C1206	4	(119.1768 9.906)	R180
C13	100nF	C0805	1	(79.9338 75.184)	R90
C14	100nF	C0805	1	(83.7946 72.4154)	R180
C15	10uF,tantalum	CT7343	3	(80.0608 64.6938)	R180
C16	nofit	C1206	n/a	(92.0242 44.069)	R180
C17	10uF,tantalum	CT7343	3	(87.7316 76.1746)	R0
C18	100nF	C0805	1	(83.0834 36.4744)	R270
C19	100nF	C0805	1	(69.4436 62.738)	R180
C20	100nF	C0805	1	(71.6026 55.2958)	R90
C21	100nF	C0805	1	(72.8218 49.6316)	R90
C22	100nF	C0805	1	(68.6816 31.8516)	R270
C23	100nF	C0805	1	(96.5454 68.3006)	R180
C24	100nF	C0805	1	(61.0362 68.7578)	R0
C25	4.7nF/1kV	C1206	4	(19.9136 68.7832)	R180
C26	100nF	C0805	1	(52.197 25.527)	R270
C27	100nF	C0805	1	(26.8478 69.6468)	R90
C28	100nF	C0805	1	(92.837 57.3278)	R180
C30	100nF	C0805	1	(31.3944 36.1188)	R90
C31	100nF	C0805	1	(70.358 68.7832)	R0
C32	100nF	C0805	1	(93.6244 53.7972)	R180
C33	100nF	C0805	1	(53.2384 35.5346)	R0
C34	100nF	C0805	1	(92.71 48.9204)	R180
C35	10uF,tant	CT7343	3	(47.0408 66.9544)	R0
C36	10uF,tant	CT7343	3	(53.594 60.7822)	R0
C37	100nF	C0805	1	(99.4918 42.1894)	R90
C38	100nF	C0805	1	(60.96 62.3062)	R0
C39	100nF	C0805	1	(59.6392 49.3776)	R90
C40	100nF	C0805	1	(61.595 42.545)	R0
C41	100nF	C0805	1	(68.6816 27.7368)	R90
C42	100nF	C0805	1	(89.4588 30.3022)	R90
C43	100nF	C0805	1	(98.0694 13.6652)	R0
C44	100nF	C0805	1	(90.2716 23.5204)	R180
C45	100nF	C0805	1	(92.8116 36.8554)	R180
C46	100nF	C0805	1	(83.439 30.9626)	R270
C47	100nF	C0805	1	(107.7722 38.4302)	R90
C48	100nF	C0805	1	(58.166 35.5346)	R180
C49	10uF,tantalum	CT7343	3	(79.4004 34.7218)	R90
C50	100nF	C0805	1	(83.82 52.5526)	R90
C51	100nF	C0805	1	(83.82 56.7944)	R90
C52	100nF	C0805	1	(75.7174 31.1404)	R270
DC1	MEA1D0505SC	NMA	20	(67.3608 75.9968)	R90
IC1	TLC2274ACD	S014	21	(100.0252 60.452)	R0
IC2	REG1117,3.3V	S0T223	22	(43.8404 60.7822)	R90
IC3	M24C02,3.3V	S0-08	23	(20.9042 25.9588)	R270
IC4	TLC2274ACD	S014	21	(96.8502 31.7754)	R0
IC5	TLC2274ACD	S014	21	(97.1804 20.2184)	R0

IC6	OPA2365AIDG4	S008	24	(103.8352 40.386)	R0
IC7	REG1117,2.5V	S0T223	25	(89.027 68.9102)	R0
IC8	TLC2274ACD	S014	21	(99.9998 50.6222)	R0
Q2	24MHz/12pF	HC49UP	19	(25.2476 45.6184)	R90
R1	1M	R1206	6	(119.1514 12.2682)	R0
R2	1M	R1206	6	(20.3962 71.8312)	R0
R3	51R	R0805	7	(120.6754 56.388)	R0
R4	51R	R0805	7	(117.1448 54.2798)	R0
R5	2K2	R0805	9	(108.4834 42.9006)	R0
R6	100K	R0805	8	(52.578 44.704)	R90
R7	2K2	R0805	9	(30.1752 22.2504)	R0
R8	2K2	R0805	9	(26.4414 24.7904)	R270
R9	2K2	R0805	9	(95.5802 43.2308)	R90
R10	51R	R0805	7	(121.3358 51.7652)	R0
R11	51R	R0805	7	(117.2718 49.3522)	R0
R12	51R	R0805	7	(121.3104 47.0916)	R0
R13	51R	R0805	7	(117.5512 44.8056)	R0
R14	VDR	R1206	12	(23.0124 3.0226)	R0
R15	51R	R0805	7	(90.6018 40.9702)	R270
R16	51R	R0805	7	(94.2594 39.878)	R0
R17	100K	R0805	8	(45.1866 55.499)	R270
R18	100K	R0805	8	(47.7774 55.4736)	R270
R19	51R	R0805	7	(11.6078 41.402)	R0
R20	51R	R0805	7	(11.6078 38.7096)	R0
R21	51R	R0805	7	(11.5824 35.9664)	R0
R22	100K	R0805	8	(50.6222 55.499)	R270
R23	2K2	R0805	9	(94.5134 71.9074)	R270
R24	2K2	R0805	9	(94.5134 76.1238)	R270
R25	51R	R0805	7	(72.9996 58.7248)	R0
R26	2K2	R0805	9	(97.1042 71.9328)	R270
R27	2K2	R0805	9	(97.1296 76.073)	R270
R29	VDR	R1206	12	(114.8588 63.881)	R180
R30	51R	R0805	7	(121.4628 42.3926)	R0
R31	51R	R0805	7	(117.6782 40.132)	R0
R32	51R	R0805	7	(121.4374 37.9222)	R0
R33	51R	R0805	7	(117.6528 35.6616)	R0
R34	51R	R0805	7	(121.2596 33.274)	R0
R35	51R	R0805	7	(117.5004 31.0388)	R0
R36	51R	R0805	7	(121.5644 28.829)	R0
R37	51R	R0805	7	(117.475 26.416)	R0
R38	51R	R0805	7	(122.174 24.2316)	R0
R39	51R	R0805	7	(117.5512 23.114)	R0
R40	51R	R0805	7	(120.142 60.5536)	R90
R41	VDR	R1206	12	(119.2276 66.929)	R180
R42	51R	R0805	7	(117.7798 60.5536)	R90
R43	VDR	R1206	12	(114.0968 60.833)	R180
R44	VDR	R1206	12	(119.3038 69.6722)	R180
R45	100K	R0805	8	(42.4434 55.4736)	R270
R46	100K	R0805	8	(29.2862 62.6872)	R270
R47	100K	R0805	8	(31.9786 62.6618)	R270
R48	100K	R0805	8	(34.3662 62.7126)	R270
R49	100K	R0805	8	(37.0332 62.6872)	R270
R50	51R	R0805	7	(29.8958 25.7556)	R180
R51	VDR	R1206	12	(92.7608 13.5128)	R0
R52	VDR	R1206	12	(87.8332 14.6304)	R90
R71	51R	R0805	7	(11.6078 33.2232)	R0
R72	51R	R0805	7	(11.6078 30.5816)	R0
R73	51R	R0805	7	(11.5824 27.7622)	R0
R74	51R	R0805	7	(11.3792 25.019)	R0
R75	51R	R0805	7	(11.7602 21.5646)	R270
SV1		MA04-2	13/14	(46.6852 50.927)	R180
SV2		MA09-2	13/14	(38.8874 4.2164)	R0

SV3		MA04-2	13/14	(33.274 58.1152)	R180
U\$1	CY7C68013_100PIN	TQFP100	29	(41.4782 36.4236)	R0
U\$2	ADS1258	QFN48	28	(84.2264 45.7708)	R270
U\$3	DAC084S085	MSOP10	27	(72.9742 29.8958)	R0
U\$4	USB20	USB20	15	(5.0292 60.6806)	R270
U\$5	DALC112S1	S0-8	30	(23.114 7.2644)	R270
U\$6	DALC112S1	S0-8	30	(23.3172 15.748)	R270
U\$7	IS07220MD	S08	26	(66.4464 46.2788)	R270
U\$8	IS07220MD	S08	26	(66.5226 36.9062)	R90
U\$9	IS07220MD	S08	26	(66.4464 52.1716)	R270
U\$10	74V1G80	S0T-23-5	11	(28.4734 28.3718)	R90
U\$11	IS07220MD	S08	26	(66.4718 58.2676)	R270
U\$12	LM337	D2PAK	10	(110.6678 72.8472)	R270
U\$13	HDF44HNP	HDF44HNP	16	(133.6294 40.3098)	R270
U\$15	DALC112S1	S0-8	30	(108.9152 60.6552)	R0
U\$16	DALC112S1	S0-8	30	(110.3122 49.6824)	R0
U\$17	DALC112S1	S0-8	30	(107.1118 31.8008)	R0
U\$18	DALC112S1	S0-8	30	(107.2642 20.1168)	R0
U\$19	REF3125	S0T233	5	(80.6958 70.4342)	R180
U\$20	DALC112S1	S0-8	30	(60.706 14.351)	R180
U\$21	DALC112S1	S0-8	30	(49.7586 13.716)	R180
U\$23	DALC112S1	S0-8	30	(108.9152 8.0772)	R270
X3		F15HP	17	(7.4422 31.8516)	R90