

**BILL OF MATERIALS FROM SM1000-C.SCH, 197 PARTS, AS OF 11/16/2014 5:29:28 PM**

<b>Part</b>	<b>Side</b>	<b>X (inch)</b>	<b>Y (inch)</b>	<b>X (mm)</b>	<b>Y (mm)</b>	<b>Angle</b>
C1	Top	0.1496	2.1693	3.8	55.1	0
C2	Top	1.2795	2.4016	32.5	61	90
C3	Top	1	2.4213	25.4	61.5	270
C4	Top	0.5413	2.3327	13.75	59.25	90
C5	Top	0.4626	2.3327	11.75	59.25	90
C6	Top	0.1969	2.3228	5	59	90
C7	Top	0.2953	2.3228	7.5	59	90
C8	Top	0.3937	2.3425	10	59.5	90
C9	Top	1.4823	3.4941	37.65	88.75	0
C10	Top	1.4055	2.5591	35.7	65	0
C11	Top	1.378	2.6181	35	66.5	0
C12	Top	1.2835	2.5591	32.6	65	180
C13	Top	1.2795	2.6181	32.5	66.5	180
C14	Top	0.8465	3.3898	21.5	86.1	180
C15	Top	1.6929	3.1437	43	79.85	0
C16	Top	0.7992	2.6122	20.3	66.35	180
C17	Top	0.7992	2.6713	20.3	67.85	180
C18	Top	0.8366	3.3071	21.25	84	90
C19	Top	0.7579	3.3071	19.25	84	90
C20	Top	1.4961	2.6673	38	67.75	180
C21	Top	1.4961	2.7264	38	69.25	180
C22	Top	2.0866	2.2047	53	56	270
C23	Top	1.939	3.7992	49.25	96.5	270
C24	Top	0.9488	2.5	24.1	63.5	180
C25	Top	0.1378	1.8346	3.5	46.6	180
C26	Top	0.3543	2.0079	9	51	180
C27	Top	0.8661	1.7913	22	45.5	180
C29	Top	0.4429	1.4075	11.25	35.75	90
C30	Top	0.374	0.689	9.5	17.5	0
C31	Top	0.8661	2.0276	22	51.5	0
C32	Top	1.6339	2.2441	41.5	57	270
C33	Top	2.4803	1.8504	63	47	270
C34	Top	2.2835	2.0276	58	51.5	90
C35	Top	1.9685	2.1654	50	55	270
C36	Top	1.815	1.6142	46.1	41	270
C37	Top	2.1949	3.4843	55.75	88.5	90
C38	Top	2.4213	1.1811	61.5	30	270
C39	Top	2.3622	2.8346	60	72	0
C40	Top	2.3917	3.2283	60.75	82	270
C41	Top	2.3031	1.4961	58.5	38	90
C42	Top	2.126	1.2008	54	30.5	270
C43	Top	1.7323	1.1024	44	28	270
C44	Top	2.0669	0.9449	52.5	24	270
C45	Top	1.2008	1.4764	30.5	37.5	270

C46	Top	0.1673	2.1043	4.25	53.45	180
C47	Top	1.7717	1.2402	45	31.5	270
C48	Top	0.8661	1.9094	22	48.5	0
C49	Top	0.7992	2.4606	20.3	62.5	0
C50	Top	2.4213	1.4961	61.5	38	90
C51	Top	0.6102	3.0906	15.5	78.5	180
C52	Top	1.4764	3.2677	37.5	83	0
C53	Top	1.4764	3.3268	37.5	84.5	0
C54	Top	2.0866	1.8504	53	47	270
C55	Top	1.5315	2.5787	38.9	65.5	0
C56	Top	1.5315	2.4921	38.9	63.3	0
C57	Top	2.0276	3.248	51.5	82.5	270
C58	Top	2.4803	2.0079	63	51	90
C59	Top	2.3622	2.2638	60	57.5	0
C60	Top	2.0039	2.9331	50.9	74.5	0
C61	Top	2.1457	1.6732	54.5	42.5	90
C62	Top	1.8504	2.1654	47	55	270
C63	Top	0.5315	0.9055	13.5	23	0
C64	Top	1.9094	2.5394	48.5	64.5	90
C65	Top	2.0472	2.5197	52	64	90
C66	Top	2.1457	2.5197	54.5	64	90
C70	Top	0.1378	1.9882	3.5	50.5	180
CN1	Top	0.4724	3.0118	12	76.5	90
CN2	Bottom	1.1024	3.7283	28	94.7	0
CN3	Top	0.315	0.3543	8	9	90
CN4	Top	1.0827	0.4134	27.5	10.5	0
CN5	Bottom	0.563	0.2953	14.3	7.5	270
CN6	Bottom	2.3425	0.2953	59.5	7.5	270
CN7	Bottom	1.8976	0.2953	48.2	7.5	270
CN8	Bottom	1.0079	0.2953	25.6	7.5	270
CN9	Bottom	1.4528	0.2953	36.9	7.5	270
CN10	Bottom	0.2874	2.4921	7.3	63.3	0
CN11	Top	1.563	3.0906	39.7	78.5	270
CN12	Top	1.0827	0.9055	27.5	23	0
D1	Top	0.7992	1.6732	20.3	42.5	270
D2	Top	0.0827	1.0551	2.1	26.8	270
FB1	Top	2.1654	0.9252	55	23.5	270
FB2	Top	1.6535	1.1417	42	29	270
FB3	Top	1.5551	1.1417	39.5	29	270
FB4	Top	1.6339	1.8543	41.5	47.1	90
FB5	Top	0.2559	1.0433	6.5	26.5	180
FB6	Top	1.3386	1.4961	34	38	0
FB7	Top	1.3189	2.2835	33.5	58	0
FB8	Top	1.3189	2.1811	33.5	55.4	0
J1	Top	1.6811	3.3071	42.7	84	0
J3	Top	1.9134	2.3031	48.6	58.5	90
J4	Top	1.0591	1.437	26.9	36.5	270

L1	Top	0.1969	1.4173	5	36	270
LD2	Top	1.0827	1.2402	27.5	31.5	270
LED1	Top	1.6929	3.878	43	98.5	270
LED2	Top	1.4764	3.878	37.5	98.5	270
LED3	Top	1.2598	3.878	32	98.5	270
LED4	Top	1.0433	3.878	26.5	98.5	270
LED5	Top	0.9606	2.2736	24.4	57.75	180
LED8	Top	0.5512	1.5157	14	38.5	270
MIC1	Top	1.2992	1.9094	33	48.5	90
P1	Bottom	1.3189	2.8937	33.5	73.5	0
P2	Bottom	1.7913	2.7953	45.5	71	0
P3	Bottom	1.7913	2.8937	45.5	73.5	0
P4	Bottom	1.3386	2.9724	34	75.5	0
P5	Bottom	0.9449	2.9748	24	75.56	0
P6	Bottom	0.9449	2.8543	24	72.5	0
P7	Bottom	1.0433	2.9724	26.5	75.5	0
P8	Bottom	1.0433	2.8543	26.5	72.5	0
P9	Bottom	1.2205	3.0906	31	78.5	0
P10	Bottom	1.1417	3.0906	29	78.5	0
P11	Bottom	1.063	3.0906	27	78.5	0
P12	Bottom	0.9843	3.0906	25	78.5	0
P13	Top	0.1378	3.7992	3.5	96.5	0
P14	Top	0.1378	3.6929	3.5	93.8	0
P16	Top	0.2362	3.6496	6	92.7	0
P18	Top	2.4685	0.626	62.7	15.9	180
P19	Top	0.9988	1.6579	25.37	42.11	0
P20	Top	0.1343	3.589	3.41	91.16	0
PCB1	Top	0.0984	-0.0197	2.5	-0.5	0
R1	Top	0.2362	2.8386	6	72.1	90
R2	Top	0.6102	2.9724	15.5	75.5	0
R3	Top	0.7953	2.5472	20.2	64.7	0
R4	Top	1.4764	3.3858	37.5	86	0
R5	Top	0.374	2.815	9.5	71.5	0
R6	Top	1.7047	3.061	43.3	77.75	0
R7	Top	0.4331	3.622	11	92	270
R8	Top	0.374	3.622	9.5	92	270
R9	Top	1.8701	1.4567	47.5	37	270
R10	Top	1.3425	2.4961	34.1	63.4	0
R11	Top	1.6339	2.0236	41.5	51.4	90
R12	Top	1.7126	3.7795	43.5	96	0
R13	Top	1.4961	3.7795	38	96	0
R14	Top	1.122	2.5984	28.5	66	270
R15	Top	1.2402	3.7795	31.5	96	0
R16	Top	1.063	3.7795	27	96	0
R17	Top	0.9252	2.3996	23.5	60.95	180
R18	Top	0.6496	2.3189	16.5	58.9	0
R19	Top	0.6102	3.2087	15.5	81.5	180

R20	Top	0.8465	3.4685	21.5	88.1	180
R21	Top	0.7677	1.5551	19.5	39.5	0
R22	Top	2.1457	3.2283	54.5	82	270
R23	Top	1.9882	1.4567	50.5	37	90
R24	Top	0.5512	3.622	14	92	270
R25	Top	0.4921	3.622	12.5	92	270
R26	Top	0.6496	3.622	16.5	92	90
R27	Top	0.9843	3.4055	25	86.5	270
R28	Top	0.9843	3.4961	25	88.8	90
R29	Top	2.2795	1.8504	57.9	47	270
R30	Top	1.2638	3.4843	32.1	88.5	270
R31	Top	0.9449	2.5787	24	65.5	0
R32	Top	1.752	2.0236	44.5	51.4	90
R33	Top	0.5512	1.3976	14	35.5	90
R34	Top	0.8661	1.9685	22	50	180
R35	Top	0.8661	1.7323	22	44	180
R36	Top	0.8661	1.8504	22	47	0
R37	Top	0.6102	3.0315	15.5	77	0
R38	Top	2.1811	2.2047	55.4	56	90
R39	Top	1.8701	3.7598	47.5	95.5	270
R40	Top	2.3819	2.0079	60.5	51	270
R41	Top	2.3819	1.8504	60.5	47	90
R42	Top	1.9094	1.9291	48.5	49	0
R43	Top	1.9882	1.6732	50.5	42.5	90
R44	Top	2.3819	1.6732	60.5	42.5	90
R45	Top	2.2638	1.6732	57.5	42.5	90
R46	Top	2.1823	3.8972	55.43	98.99	90
R47	Top	1.9882	1.2008	50.5	30.5	0
R48	Top	1.8504	1.1024	47	28	270
R49	Top	1.7913	1.1024	45.5	28	270
R50	Top	2.2736	3.2283	57.75	82	270
R51	Top	0.8858	1.3976	22.5	35.5	0
R52	Top	1.6339	1.6142	41.5	41	0
R53	Top	2.185	1.8504	55.5	47	270
R54	Top	1.6929	2.8937	43	73.5	0
R55	Top	1.6929	2.7953	43	71	0
R56	Top	0.6102	3.1496	15.5	80	0
R57	Top	0.685	2.8622	17.4	72.7	180
R58	Top	1.7559	1.8504	44.6	47	90
SH1	Top	0.1378	-0.0197	3.5	-0.5	90
SH3	Top	0.0591	-0.0197	1.5	-0.5	180
SPKR1	Top	-0.0197	-0.0197	-0.5	-0.5	0
SW1	Top	0.0984	2.7953	2.5	71	90
SW2	Top	0.748	3.8386	19	97.5	0
SW3	Top	0.2362	3.189	6	81	90
SW4	Top	0.4724	3.8386	12	97.5	0
SW5	Top	0.5748	2.4921	14.6	63.3	0

T1	Top	2.1161	0.4724	53.75	12	270
T2	Top	1.6831	0.4724	42.75	12	270
U1	Top	1.122	2.9823	28.5	75.75	0
U2	Top	0.7972	2.313	20.25	58.75	180
U3	Top	0.7874	3.622	20	92	270
U4	Top	1.1024	3.4646	28	88	0
U5	Top	0.5906	1.9094	15	48.5	0
U6	Top	2.1063	1.5157	53.5	38.5	180
U7	Top	2.2441	1.1811	57	30	0
U8	Top	2.0079	3.4744	51	88.25	0
U9	Top	2.126	2.0276	54	51.5	180
XTAL1	Top	1.122	2.4213	28.5	61.5	90