

Bill of Materials from SM1000-E.sch, 205 parts, grouped by values, as of 6/2/2015 10:26:59 AM

Part	Package	Side	X (inch)	Y (inch)	X (mm)	Y (mm)	Angle
C1	CAPC1005X60N	Top	0.1496	2.1693	3.8	55.1	0
C2	CAPC1005X60N	Top	1.2835	2.4213	32.6	61.5	90
C3	CAPC1005X60N	Top	1.0394	2.4016	26.4	61	270
C4	CAPC1005X60N	Top	0.5413	2.3327	13.75	59.25	90
C5	CAPC1608X92N	Top	0.4626	2.3327	11.75	59.25	90
C6	CAPC1608X92N	Top	0.1969	2.3228	5	59	90
C7	CAPC1005X60N	Top	0.2953	2.3228	7.5	59	90
C8	CAPC1005X60N	Top	0.3937	2.3425	10	59.5	90
C9	C1206-TANT	Top	1.4823	3.4941	37.65	88.75	0
C10	CAPC1608X92N	Top	1.4646	2.5197	37.2	64	0
C11	CAPC1005X60N	Top	1.437	2.5984	36.5	66	0
C12	CAPC1608X92N	Top	1.3228	2.5551	33.6	64.9	180
C13	CAPC1005X60N	Top	1.3189	2.6142	33.5	66.4	180
C14	CAPC1608X92N	Top	0.8465	3.3898	21.5	86.1	180
C15	CAPC1608X92N	Top	1.7323	3.1437	44	79.85	0
C16	CAPC1005X60N	Top	0.7913	2.6102	20.1	66.3	180
C17	CAPC1005X60N	Top	0.7874	2.6969	20	68.5	90
C18	CAPC1005X60N	Top	0.7933	3.3071	20.15	84	90
C19	CAPC1005X60N	Top	0.7343	3.3071	18.65	84	90
C20	CAPC1005X60N	Top	1.5551	2.687	39.5	68.25	180
C21	CAPC1005X60N	Top	1.5551	2.7461	39.5	69.75	180
C22	CAPC1005X60N	Top	2.0866	2.2047	53	56	270
C23	CAPC1005X60N	Top	1.939	3.7992	49.25	96.5	270
C24	CAPC1608X92N	Top	1	2.5197	25.4	64	180
C25	CAPC3225X168N	Top	0.1378	1.8346	3.5	46.6	180
C26	CAPC1005X60N	Top	0.3543	2.0079	9	51	180
C27	CAPC1005X60N	Top	0.8661	1.7913	22	45.5	180
C29	CAPC3225X168N	Top	0.4429	1.4075	11.25	35.75	90
C30	CAPC1005X60N	Top	0.374	0.689	9.5	17.5	0
C31	CAPC1608X92N	Top	0.8661	2.0276	22	51.5	0
C32	NICHICON-WX-6.3	Top	1.6535	2.2441	42	57	270
C33	CAPC1005X60N	Top	2.4803	1.8504	63	47	270
C34	CAPC1005X60N	Top	2.2835	2.0276	58	51.5	90
C35	CAPC1608X92N	Top	1.9685	2.185	50	55.5	270
C36	C1210	Top	1.815	1.6142	46.1	41	270
C37	CAPC1005X60N	Top	2.1949	3.4843	55.75	88.5	90
C38	C1210	Top	2.4213	1.1811	61.5	30	270
C39	CAP-CHEMI-HA0	Top	2.3622	2.8346	60	72	0
C40	CAPC1005X60N	Top	2.3917	3.2283	60.75	82	270
C41	CAPC1005X60N	Top	2.3031	1.4961	58.5	38	90
C42	CAPC1005X60N	Top	2.1299	1.2008	54.1	30.5	270
C43	CAPC1005X60N	Top	1.6929	1.1024	43	28	270
C44	CAPC1005X60N	Top	2.0669	0.9449	52.5	24	270
C45	CAPC1005X60N	Top	1.2795	1.3386	32.5	34	270
C46	CAPC1005X60N	Top	0.1673	2.1043	4.25	53.45	180
C47	C1210	Top	1.7244	1.2402	43.8	31.5	270
C48	CAPC1608X92N	Top	0.8661	1.9094	22	48.5	0

C49	CAPC1005X60N	Top	0.8071	2.4331	20.5	61.8	0
C50	CAPC1608X92N	Top	2.4213	1.4961	61.5	38	90
C51	CAPC1005X60N	Top	0.6299	3.0906	16	78.5	180
C52	CAPC1005X60N	Top	1.5551	3.2677	39.5	83	0
C53	CAPC1005X60N	Top	1.5551	3.3268	39.5	84.5	0
C54	CAPC1005X60N	Top	2.0866	1.8504	53	47	270
C55	CAPC1005X60N	Top	1.5906	2.5787	40.4	65.5	0
C56	CAPC1005X60N	Top	1.5906	2.5118	40.4	63.8	0
C57	CAPC1005X60N	Top	2.0276	3.248	51.5	82.5	270
C58	CAPC1005X60N	Top	2.4803	2.0079	63	51	90
C59	NICHICON-WX-6.3	Top	2.3622	2.2638	60	57.5	0
C60	CAP-CHEMI-HA0	Top	2.0039	2.9331	50.9	74.5	0
C61	CAPC1005X60N	Top	2.1457	1.6732	54.5	42.5	90
C62	CAPC1005X60N	Top	1.8622	2.2165	47.3	56.3	270
C63	CAP-CHEMI-HA0	Top	0.5315	0.9055	13.5	23	0
C64	CAPC3225X168N	Top	1.9094	2.5394	48.5	64.5	90
C65	CAPC1608X92N	Top	2.0472	2.5197	52	64	90
C66	CAPC1005X60N	Top	2.1457	2.5197	54.5	64	90
C70	CAPC3225X168N	Top	0.1378	1.9882	3.5	50.5	180
CN1	HDR100-3	Top	0.4724	3.0118	12	76.5	90
CN2	JI-MU3-002	Bottom	1.1024	3.7677	28	95.7	0
CN3	DS-0518	Top	0.315	0.3543	8	9	90
CN4	CONN-RJ45-MOLEX-44144-003	Top	1.0827	0.4134	27.5	10.5	0
CN5	ST-3509	Bottom	0.563	0.2953	14.3	7.5	270
CN6	ST-3509	Bottom	2.3425	0.2953	59.5	7.5	270
CN7	ST-3509	Bottom	1.8976	0.2953	48.2	7.5	270
CN8	ST-3509	Bottom	1.0079	0.2953	25.6	7.5	270
CN9	ST-3509	Bottom	1.4528	0.2953	36.9	7.5	270
CN10	ST-3509	Bottom	0.2874	2.4921	7.3	63.3	0
CN11	HDR100-3	Top	1.6024	3.0906	40.7	78.5	270
CN12	HRS-A3C-16DA	Top	1.0827	0.9055	27.5	23	0
D1	SOD128	Bottom	0.2165	0.374	5.5	9.5	270
D2	SOD323R_INFINEON	Top	0.0827	1.0551	2.1	26.8	270
D3	SOD128	Bottom	1.2008	0.4134	30.5	10.5	270
D4	SOD523	Bottom	1.3386	0.6299	34	16	0
D5	SOD523	Bottom	1.7126	0.2953	43.5	7.5	270
D6	SOD523	Bottom	2.1457	0.2953	54.5	7.5	270
D7	SOD523	Bottom	0.2008	2.6929	5.1	68.4	90
D8	SOD523	Bottom	0.3858	0.3504	9.8	8.9	270
FB1	FE0805	Top	2.1654	0.9252	55	23.5	270
FB2	FE0805	Top	1.5945	1.1417	40.5	29	270
FB3	FE0805	Top	1.4764	1.1417	37.5	29	270
FB4	FE0805	Top	1.5748	1.8543	40	47.1	90
FB5	FE0805	Top	0.2559	1.0433	6.5	26.5	180
FB6	FE0805	Top	1.2402	1.6142	31.5	41	0
FB7	FE0805	Top	1.3583	2.3031	34.5	58.5	0
FB8	FE0805	Top	1.3583	2.1811	34.5	55.4	0
J1	JMPR-2PIN	Top	1.7598	3.3071	44.7	84	0
J2	JMPR-2PIN	Top	0.7874	1.4173	20	36	180
J3	JMPR-2PIN	Top	1.9567	2.3228	49.7	59	90

J4	CONN-BOOM-XH-2A	Top	1.063	1.3976	27	35.5	180
L1	SRR5028	Top	0.1969	1.4173	5	36	270
LD2	LTV-817S	Top	1.0433	1.1614	26.5	29.5	270
LED1	LTST-S2200K	Top	1.6929	3.878	43	98.5	270
LED2	LTST-S2200K	Top	1.4764	3.878	37.5	98.5	270
LED3	LTST-S2200K	Top	1.2598	3.878	32	98.5	270
LED4	LTST-S2200K	Top	1.0433	3.878	26.5	98.5	270
LED5	SML-LX0603SRW	Top	0.9685	2.2736	24.6	57.75	180
LED8	SML-LX0603SRW	Top	0.5709	1.5157	14.5	38.5	0
MIC1	CMA-4544PF-W	Top	1.2992	1.9094	33	48.5	90
P1	TPAD50	Bottom	1.378	2.8937	35	73.5	0
P2	TPAD50	Bottom	1.7913	2.7953	45.5	71	0
P3	TPAD50	Bottom	1.7913	2.8937	45.5	73.5	0
P4	TPAD50	Bottom	1.378	2.9724	35	75.5	0
P5	TPAD50	Bottom	0.9843	2.9748	25	75.56	0
P6	TPAD50	Bottom	0.9843	2.8543	25	72.5	0
P7	TPAD50	Bottom	1.0827	2.9724	27.5	75.5	0
P8	TPAD50	Bottom	1.0827	2.8543	27.5	72.5	0
P9	TPAD50	Bottom	1.2598	3.0906	32	78.5	0
P10	TPAD50	Bottom	1.1811	3.0906	30	78.5	0
P11	TPAD50	Bottom	1.1024	3.0906	28	78.5	0
P12	TPAD50	Bottom	1.0236	3.0906	26	78.5	0
P13	TPAD50	Top	0.1102	3.8189	2.8	97	180
P14	TPAD50	Top	0.1102	3.7402	2.8	95	0
P16	TPAD50	Top	0.2362	3.7402	6	95	0
P18	TPAD50	Top	2.4685	0.626	62.7	15.9	180
P19	TPAD50	Top	0.9988	1.6579	25.37	42.11	0
P20	TPAD50	Top	0.2362	3.815	6	96.9	180
PCB1	NOPACKAGE	Top	0.0984	-0.0197	2.5	-0.5	0
R1	RESC1005X40AN	Top	0.2953	2.563	7.5	65.1	90
R2	RESC1005X40AN	Top	0.6299	2.9724	16	75.5	0
R3	RESC1005X40AN	Top	0.8071	2.5197	20.5	64	0
R4	RESC1005X40AN	Top	1.5551	3.3858	39.5	86	0
R5	RESC1005X40AN	Top	1.6417	3.2677	41.7	83	0
R6	RESC1005X40AN	Top	1.7441	3.061	44.3	77.75	0
R7	RESC1005X40AN	Top	0.4331	3.6614	11	93	270
R8	RESC1005X40AN	Top	0.374	3.7165	9.5	94.4	270
R9	RESC1005X40AN	Top	1.8701	1.4567	47.5	37	270
R10	RESC1608X55N	Top	1.4016	2.437	35.6	61.9	0
R11	RESC1608X55N	Top	1.5551	2.0236	39.5	51.4	90
R12	RESC1005X40AN	Top	1.7126	3.7795	43.5	96	0
R13	RESC1005X40AN	Top	1.4961	3.7795	38	96	0
R14	RESC1005X40AN	Top	1.1614	2.5984	29.5	66	270
R15	RESC1005X40AN	Top	1.2559	3.7598	31.9	95.5	90
R16	RESC1005X40AN	Top	1.0827	3.7717	27.5	95.8	90
R17	RESC1005X40AN	Top	0.9449	2.4016	24	61	90
R18	RESC1608X55N	Top	0.6496	2.3189	16.5	58.9	0
R19	RESC1608X55N	Top	0.6102	3.2087	15.5	81.5	180
R20	RESC1608X55N	Top	0.8465	3.4685	21.5	88.1	180
R21	RESC1608X55N	Top	0.7677	1.5945	19.5	40.5	0

R22	RESC1608X55N	Top	2.1457	3.2283	54.5	82	270
R23	RESC1005X40AN	Top	1.9882	1.4567	50.5	37	90
R24	RESC1005X40AN	Top	0.5512	3.6614	14	93	270
R25	RESC1005X40AN	Top	0.4921	3.6614	12.5	93	270
R26	RESC1608X55N	Top	0.6496	3.622	16.5	92	90
R27	RESC1005X40AN	Top	0.9843	3.4055	25	86.5	270
R28	RESC1005X40AN	Top	0.9843	3.4961	25	88.8	90
R29	RESC1005X40AN	Top	2.2795	1.8504	57.9	47	270
R30	RESC1608X55N	Top	1.2638	3.4843	32.1	88.5	270
R31	RESC1608X55N	Top	1	2.5984	25.4	66	0
R32	RESC1608X55N	Top	1.6535	2.0236	42	51.4	90
R33	RESC1005X40AN	Top	0.5512	1.3976	14	35.5	90
R34	RESC1005X40AN	Top	0.8661	1.9685	22	50	180
R35	RESC1005X40AN	Top	0.8661	1.7323	22	44	180
R36	RESC1005X40AN	Top	0.8661	1.8504	22	47	0
R37	RESC1005X40AN	Top	0.6299	3.0315	16	77	0
R38	RESC1005X40AN	Top	2.1811	2.2047	55.4	56	90
R39	RESC3115X70N	Top	1.8701	3.7598	47.5	95.5	270
R40	RESC1005X40AN	Top	2.3819	2.0079	60.5	51	270
R41	RESC1005X40AN	Top	2.3819	1.8504	60.5	47	90
R42	POT3361	Top	1.8701	1.9488	47.5	49.5	0
R43	RESC1005X40AN	Top	1.9882	1.6732	50.5	42.5	90
R44	RESC1005X40AN	Top	2.3819	1.6732	60.5	42.5	90
R45	RESC1005X40AN	Top	2.2638	1.6732	57.5	42.5	90
R46	POT-3310C	Top	2.1823	3.8972	55.43	98.99	90
R47	POT3361	Top	1.9488	1.2008	49.5	30.5	0
R48	RESC1005X40AN	Top	1.752	0.9843	44.5	25	270
R49	RESC1005X40AN	Top	1.752	1.1024	44.5	28	270
R50	RESC1608X55N	Top	2.2736	3.2283	57.75	82	270
R51	RESC1005X40AN	Top	0.8858	1.3622	22.5	34.6	90
R52	POT3361	Top	1.5748	1.5551	40	39.5	0
R53	RESC1005X40AN	Top	2.185	1.8504	55.5	47	270
R54	RESC1608X55N	Top	1.7126	2.9134	43.5	74	90
R55	RESC1608X55N	Top	1.7126	2.7559	43.5	70	270
R56	RESC1005X40AN	Top	0.6102	3.1496	15.5	80	0
R57	RESC1005X40AN	Top	0.7165	3.0551	18.2	77.6	90
R58	RESC1005X40AN	Top	1.6772	1.7717	42.6	45	90
SH1	NOPACKAGE	Top	0.1378	-0.0197	3.5	-0.5	90
SH2	NOPACKAGE	Top	0.0197	-0.0197	0.5	-0.5	0
SH3	NOPACKAGE	Top	0.0591	-0.0197	1.5	-0.5	180
SPKR1	NOPACKAGE	Top	0.1772	-0.0197	4.5	-0.5	0
SW1	SW-LC2259	Top	0.5118	2.7953	13	71	0
SW2	TS-026	Top	0.748	3.8583	19	98	0
SW3	SW-LC2259	Top	0.2362	3.4252	6	87	270
SW4	TS-026	Top	0.4724	3.8583	12	98	0
SW5	TS-02B	Top	0.5748	2.4921	14.6	63.3	0
T1	SM-LP-5001	Top	2.1161	0.4724	53.75	12	270
T2	SM-LP-5001	Top	1.6831	0.4724	42.75	12	270
U1	LQFP100-14	Top	1.1614	2.9823	29.5	75.75	0
U2	SOT23-5L	Top	0.7972	2.313	20.25	58.75	180

U3	SOT23-5L	Top	0.7874	3.6339	20	92.3	270
U4	ECOPACK-11	Top	1.1024	3.4646	28	88	0
U5	PSO-DDA	Top	0.5906	1.9094	15	48.5	0
U6	SOT23-6	Top	2.1063	1.5157	53.5	38.5	180
U7	SOT23-6	Top	2.2441	1.1811	57	30	0
U8	SO08	Top	2.0079	3.4744	51	88.25	0
U9	SOT23-6	Top	2.126	2.0276	54	51.5	180
XTAL1	XTAL-FY0800035	Top	1.1614	2.4213	29.5	61.5	90