

Bill of Materials from SM1000-F.sch, 214 parts, as of 10/4/2015 1:50:15 PM

Part	Package	Sheet	Side	X (inch)	Y (inch)	X (mm)	Y (mm)	Angle
C1	CAPC1005X60N	2	Top	0.1496	2.1693	3.8000	55.1000	0
C2	CAPC1005X60N	1	Top	1.2835	2.4213	32.6000	61.5000	90
C3	CAPC1005X60N	1	Top	1.0394	2.4016	26.4000	61.0000	270
C4	CAPC1005X60N	1	Top	0.5413	2.3327	13.7500	59.2500	90
C5	CAPC1608X92N	1	Top	0.4626	2.3327	11.7500	59.2500	90
C6	CAPC1608X92N	1	Top	0.1969	2.3228	5.0000	59.0000	90
C7	CAPC1005X60N	1	Top	0.2953	2.3228	7.5000	59.0000	90
C8	CAPC1005X60N	1	Top	0.3937	2.3425	10.0000	59.5000	90
C9	C1206-TANT	1	Top	1.4823	3.4823	37.6500	88.4500	0
C10	CAPC1608X92N	1	Top	1.4646	2.5197	37.2000	64.0000	0
C11	CAPC1005X60N	1	Top	1.4370	2.5984	36.5000	66.0000	0
C12	CAPC1608X92N	1	Top	1.3228	2.5551	33.6000	64.9000	180
C13	CAPC1005X60N	1	Top	1.3189	2.6142	33.5000	66.4000	180
C14	CAPC1608X92N	1	Top	0.8465	3.3898	21.5000	86.1000	180
C15	CAPC1608X92N	1	Top	1.7323	3.1437	44.0000	79.8500	0
C16	CAPC1005X60N	1	Top	0.7913	2.6102	20.1000	66.3000	180
C17	CAPC1005X60N	1	Top	0.7874	2.6969	20.0000	68.5000	90
C18	CAPC1005X60N	1	Top	0.7933	3.3071	20.1500	84.0000	90
C19	CAPC1005X60N	1	Top	0.7343	3.3071	18.6500	84.0000	90
C20	CAPC1005X60N	1	Top	1.5551	2.6870	39.5000	68.2500	180
C21	CAPC1005X60N	1	Top	1.5551	2.7461	39.5000	69.7500	180
C22	CAPC1005X60N	2	Top	2.0866	2.2047	53.0000	56.0000	270
C23	CAPC1005X60N	2	Top	1.9390	3.7992	49.2500	96.5000	270
C24	CAPC1608X92N	1	Top	1.0000	2.5197	25.4000	64.0000	180
C25	CAPC3225X168N	2	Top	0.1378	1.8346	3.5000	46.6000	180
C26	CAPC1005X60N	2	Top	0.3543	2.0079	9.0000	51.0000	180
C27	CAPC1005X60N	2	Top	0.8465	1.7913	21.5000	45.5000	180
C29	CAPC3225X168N	2	Top	0.4429	1.4075	11.2500	35.7500	90
C30	CAPC1005X60N	2	Top	0.3740	0.6890	9.5000	17.5000	0
C31	CAPC1608X92N	2	Top	0.8661	2.0276	22.0000	51.5000	0
C32	NICHICON-WX-6.3	2	Top	1.6535	2.2441	42.0000	57.0000	270
C33	CAPC1005X60N	2	Top	2.4803	1.8504	63.0000	47.0000	270
C34	CAPC1005X60N	2	Top	2.2835	2.0276	58.0000	51.5000	90
C35	CAPC1608X92N	2	Top	1.9685	2.1850	50.0000	55.5000	270
C36	C1210	2	Top	1.8150	1.6142	46.1000	41.0000	270
C37	CAPC1005X60N	2	Top	2.1949	3.4843	55.7500	88.5000	90
C38	C1210	2	Top	2.4213	1.1811	61.5000	30.0000	270
C39	CAP-CHEMI-HA0	2	Top	2.3622	2.8346	60.0000	72.0000	0
C40	CAPC1005X60N	2	Top	2.3917	3.2283	60.7500	82.0000	270
C41	CAPC1005X60N	2	Top	2.3031	1.4961	58.5000	38.0000	90
C42	CAPC1005X60N	2	Top	2.1299	1.2008	54.1000	30.5000	270
C43	CAPC1005X60N	2	Top	1.6693	1.1063	42.4000	28.1000	270
C44	CAPC1005X60N	2	Top	2.0669	0.9449	52.5000	24.0000	270
C45	CAPC1005X60N	2	Top	1.3976	1.4173	35.5000	36.0000	270
C46	CAPC1005X60N	2	Top	0.1673	2.1043	4.2500	53.4500	180
C47	C1210	2	Top	1.7244	1.2402	43.8000	31.5000	270
C48	CAPC1608X92N	2	Top	0.8661	1.9094	22.0000	48.5000	0
C49	CAPC1005X60N	1	Top	0.8071	2.4331	20.5000	61.8000	0

C50	CAPC1608X92N	2	Top	2.4213	1.4961	61.5000	38.0000	90
C51	CAPC1005X60N	2	Top	0.6299	3.0906	16.0000	78.5000	180
C52	CAPC1005X60N	1	Top	1.5551	3.2677	39.5000	83.0000	0
C53	CAPC1005X60N	1	Top	1.5551	3.3268	39.5000	84.5000	0
C54	CAPC1005X60N	2	Top	2.0866	1.8504	53.0000	47.0000	270
C55	CAPC1005X60N	1	Top	1.5906	2.5787	40.4000	65.5000	0
C56	CAPC1005X60N	1	Top	1.5906	2.5118	40.4000	63.8000	0
C57	CAPC1005X60N	2	Top	2.0276	3.2480	51.5000	82.5000	270
C58	CAPC1005X60N	2	Top	2.4803	2.0079	63.0000	51.0000	90
C59	NICHICON-WX-6.3	2	Top	2.3622	2.2638	60.0000	57.5000	0
C60	CAP-CHEMI-HA0	2	Top	2.0039	2.9331	50.9000	74.5000	0
C61	CAPC1005X60N	2	Top	2.1457	1.6732	54.5000	42.5000	90
C62	CAPC1005X60N	2	Top	1.8622	2.2165	47.3000	56.3000	270
C63	CAP-CHEMI-HA0	2	Top	0.5315	0.9055	13.5000	23.0000	0
C64	CAPC3225X168N	2	Top	1.9094	2.5394	48.5000	64.5000	90
C65	CAPC1608X92N	2	Top	2.0472	2.5197	52.0000	64.0000	90
C66	CAPC1005X60N	2	Top	2.1457	2.5197	54.5000	64.0000	90
C70	CAPC3225X168N	2	Top	0.1378	1.9882	3.5000	50.5000	180
CN1	HDR100-3	1	Top	0.4724	3.0118	12.0000	76.5000	90
CN2	JI-MU3-002	1	Bottom	1.1024	3.7677	28.0000	95.7000	0
CN3	DS-0518	2	Top	0.3150	0.3543	8.0000	9.0000	90
CN4	CONN-RJ45-MOLEX-44144-003	2	Top	1.0827	0.4134	27.5000	10.5000	0
CN5	ST-3509	2	Bottom	0.5630	0.2953	14.3000	7.5000	270
CN6	ST-3509	2	Bottom	2.3425	0.2953	59.5000	7.5000	270
CN7	ST-3509	2	Bottom	1.8976	0.2953	48.2000	7.5000	270
CN8	ST-3509	2	Bottom	1.0079	0.2953	25.6000	7.5000	270
CN9	ST-3509	2	Bottom	1.4528	0.2953	36.9000	7.5000	270
CN10	ST-3509	2	Bottom	0.2874	2.4921	7.3000	63.3000	0
CN11	HDR100-3	1	Top	1.6024	3.0906	40.7000	78.5000	270
CN12	DIL16X300	2	Top	1.1220	1.0039	28.5000	25.5000	0
D1	SOD128	2	Bottom	0.2165	0.3740	5.5000	9.5000	270
D2	SOD323R_INFINEON	2	Top	0.0827	1.0551	2.1000	26.8000	270
D3	SOD128	2	Bottom	1.2008	0.4134	30.5000	10.5000	270
D4	SOD523	2	Bottom	1.3386	0.6299	34.0000	16.0000	0
D5	SOD523	2	Bottom	1.7126	0.2953	43.5000	7.5000	270
D6	SOD523	2	Bottom	2.1457	0.2953	54.5000	7.5000	270
D7	SOD523	2	Bottom	0.2008	2.6929	5.1000	68.4000	90
D8	SOD523	2	Bottom	0.3858	0.3504	9.8000	8.9000	270
FB1	FE0805	2	Top	2.1654	0.9252	55.0000	23.5000	270
FB2	FE0805	2	Top	1.5945	1.2598	40.5000	32.0000	270
FB3	FE0805	2	Top	1.5787	1.0591	40.1000	26.9000	270
FB4	FE0805	2	Top	1.5748	1.8543	40.0000	47.1000	90
FB5	FE0805	2	Top	0.2559	1.0433	6.5000	26.5000	180
FB6	FE0805	2	Top	1.3268	1.5551	33.7000	39.5000	180
FB7	FE0805	1	Top	1.3583	2.3031	34.5000	58.5000	0
FB8	FE0805	2	Top	1.3583	2.1811	34.5000	55.4000	0
J1	JMPR-2PIN	1	Top	1.7598	3.3071	44.7000	84.0000	0
J2	JMPR-2PIN	2	Top	0.7677	1.3780	19.5000	35.0000	180
J3	JMPR-2PIN	2	Top	1.9567	2.3228	49.7000	59.0000	90
J4	CONN-BOOM-XH-2A	2	Top	1.0630	1.5748	27.0000	40.0000	180
J5	JMPR-2PIN	2	Top	1.6535	0.8504	42.0000	21.6000	270

L1	SRR5028	2	Top	0.1969	1.4173	5.0000	36.0000	270
LD2	LTV-817S	2	Top	1.1024	1.3583	28.0000	34.5000	270
LED1	LTST-S2200K	1	Top	1.6929	3.8780	43.0000	98.5000	270
LED2	LTST-S2200K	1	Top	1.4764	3.8780	37.5000	98.5000	270
LED3	LTST-S2200K	1	Top	1.2598	3.8780	32.0000	98.5000	270
LED4	LTST-S2200K	1	Top	1.0433	3.8780	26.5000	98.5000	270
LED5	SML-LX0603SRW	1	Top	0.9685	2.2736	24.6000	57.7500	180
LED8	SML-LX0603SRW	2	Top	0.5709	1.5157	14.5000	38.5000	0
MIC1	CMA-4544PF-W	2	Top	1.2992	1.9094	33.0000	48.5000	90
P1	TPAD50	2	Bottom	1.3780	2.8937	35.0000	73.5000	0
P2	TPAD50	2	Bottom	1.7913	2.7953	45.5000	71.0000	0
P3	TPAD50	2	Bottom	1.7913	2.8937	45.5000	73.5000	0
P4	TPAD50	2	Bottom	1.3780	2.9724	35.0000	75.5000	0
P5	TPAD50	1	Bottom	0.9843	2.9748	25.0000	75.5600	0
P6	TPAD50	1	Bottom	0.9843	2.8543	25.0000	72.5000	0
P7	TPAD50	1	Bottom	1.0827	2.9724	27.5000	75.5000	0
P8	TPAD50	1	Bottom	1.0827	2.8543	27.5000	72.5000	0
P9	TPAD50	1	Bottom	1.2598	3.0906	32.0000	78.5000	0
P10	TPAD50	1	Bottom	1.1811	3.0906	30.0000	78.5000	0
P11	TPAD50	1	Bottom	1.1024	3.0906	28.0000	78.5000	0
P12	TPAD50	1	Bottom	1.0236	3.0906	26.0000	78.5000	0
P13	TPAD50	1	Top	0.1102	3.8189	2.8000	97.0000	180
P14	TPAD50	1	Top	0.1102	3.7402	2.8000	95.0000	0
P15	TPAD50	2	Bottom	1.6732	0.6102	42.5000	15.5000	0
P16	TPAD50	1	Top	0.2362	3.7402	6.0000	95.0000	0
P17	TPAD50	2	Bottom	0.0827	0.1024	2.1000	2.6000	0
P18	TPAD50	1	Top	2.4685	0.6260	62.7000	15.9000	180
P19	TPAD50	1	Bottom	0.7283	1.7520	18.5000	44.5000	0
P20	TPAD50	1	Top	0.2362	3.8150	6.0000	96.9000	180
P21	TPAD50	2	Bottom	0.0787	0.5906	2.0000	15.0000	0
PCB1	NOPACKAGE	1	Top	0.0984	-0.0197	2.5000	-0.5000	0
R1	RESC1005X40AN	1	Top	0.2953	2.5630	7.5000	65.1000	90
R2	RESC1005X40AN	1	Top	0.6299	2.9724	16.0000	75.5000	0
R3	RESC1005X40AN	1	Top	0.8071	2.5197	20.5000	64.0000	0
R4	RESC1005X40AN	1	Top	1.5551	3.3858	39.5000	86.0000	0
R5	RESC1005X40AN	1	Top	1.6417	3.2677	41.7000	83.0000	0
R6	RESC1005X40AN	1	Top	1.7441	3.0610	44.3000	77.7500	0
R7	RESC1005X40AN	1	Top	0.4331	3.6614	11.0000	93.0000	270
R8	RESC1005X40AN	1	Top	0.3740	3.7165	9.5000	94.4000	270
R9	RESC1005X40AN	2	Top	1.8701	1.4567	47.5000	37.0000	270
R10	RESC1608X55N	1	Top	1.4016	2.4370	35.6000	61.9000	0
R11	RESC1608X55N	2	Top	1.5551	2.0236	39.5000	51.4000	90
R12	RESC1005X40AN	1	Top	1.7126	3.7795	43.5000	96.0000	0
R13	RESC1005X40AN	1	Top	1.4961	3.7795	38.0000	96.0000	0
R14	RESC1005X40AN	1	Top	1.1614	2.5984	29.5000	66.0000	270
R15	RESC1005X40AN	1	Top	1.2559	3.7598	31.9000	95.5000	90
R16	RESC1005X40AN	1	Top	1.0827	3.7717	27.5000	95.8000	90
R17	RESC1005X40AN	1	Top	0.9449	2.4016	24.0000	61.0000	90
R18	RESC1608X55N	1	Top	0.6496	2.3189	16.5000	58.9000	0
R19	RESC1608X55N	1	Top	0.6102	3.2087	15.5000	81.5000	180
R20	RESC1608X55N	1	Top	0.8465	3.4685	21.5000	88.1000	180

R21	RESC1608X55N	2	Top	0.7677	1.5945	19.5000	40.5000	0
R22	RESC1608X55N	2	Top	2.1457	3.2283	54.5000	82.0000	270
R23	RESC1005X40AN	2	Top	1.9882	1.4567	50.5000	37.0000	90
R24	RESC1005X40AN	1	Top	0.5512	3.6614	14.0000	93.0000	270
R25	RESC1005X40AN	1	Top	0.4921	3.6614	12.5000	93.0000	270
R26	RESC1608X55N	1	Top	0.6496	3.6220	16.5000	92.0000	90
R27	RESC1005X40AN	1	Top	0.9843	3.4055	25.0000	86.5000	270
R28	RESC1005X40AN	1	Top	0.9843	3.4961	25.0000	88.8000	90
R29	RESC1005X40AN	2	Top	2.2795	1.8504	57.9000	47.0000	270
R30	RESC1608X55N	1	Top	1.2638	3.4843	32.1000	88.5000	270
R31	RESC1608X55N	1	Top	1.0000	2.5984	25.4000	66.0000	0
R32	RESC1608X55N	2	Top	1.6535	2.0236	42.0000	51.4000	90
R33	RESC1005X40AN	2	Top	0.5512	1.3976	14.0000	35.5000	90
R34	RESC1005X40AN	2	Top	0.8661	1.9685	22.0000	50.0000	180
R35	RESC1005X40AN	2	Top	0.8465	1.7323	21.5000	44.0000	180
R36	RESC1005X40AN	2	Top	0.8661	1.8504	22.0000	47.0000	0
R37	RESC1005X40AN	2	Top	0.6299	3.0315	16.0000	77.0000	0
R38	RESC1005X40AN	2	Top	2.1811	2.2047	55.4000	56.0000	90
R39	RESC3115X70N	2	Top	1.8701	3.7598	47.5000	95.5000	270
R40	RESC1005X40AN	2	Top	2.3819	2.0079	60.5000	51.0000	270
R41	RESC1005X40AN	2	Top	2.3819	1.8504	60.5000	47.0000	90
R42	POT3361	2	Top	1.8701	1.9488	47.5000	49.5000	0
R43	RESC1005X40AN	2	Top	1.9882	1.6732	50.5000	42.5000	90
R44	RESC1005X40AN	2	Top	2.3819	1.6732	60.5000	42.5000	90
R45	RESC1005X40AN	2	Top	2.2638	1.6732	57.5000	42.5000	90
R46	POT-3310C	2	Top	2.1823	3.8972	55.4300	98.9900	90
R47	POT3361	2	Top	1.9488	1.2008	49.5000	30.5000	0
R48	RESC3115X70N	2	Top	1.7441	1.0039	44.3000	25.5000	270
R49	RESC1005X40AN	2	Top	1.6693	1.0079	42.4000	25.6000	270
R50	RESC1608X55N	2	Top	2.2736	3.2283	57.7500	82.0000	270
R51	RESC1005X40AN	2	Top	0.8504	1.5354	21.6000	39.0000	0
R52	POT3361	2	Top	1.5748	1.5551	40.0000	39.5000	0
R53	RESC1005X40AN	2	Top	2.1850	1.8504	55.5000	47.0000	270
R54	RESC1608X55N	1	Top	1.7126	2.9134	43.5000	74.0000	90
R55	RESC1608X55N	1	Top	1.7126	2.7559	43.5000	70.0000	270
R56	RESC1005X40AN	2	Top	0.6102	3.1496	15.5000	80.0000	0
R57	RESC1005X40AN	1	Top	0.7165	3.0551	18.2000	77.6000	90
R58	RESC1005X40AN	2	Top	1.6772	1.7717	42.6000	45.0000	90
R60	RESC3115X70N	2	Top	1.8661	0.8858	47.4000	22.5000	270
R61	RESC1608X55N	1	Bottom	1.9882	3.6024	50.5000	91.5000	270
R62	RESC1608X55N	1	Bottom	1.8701	3.6024	47.5000	91.5000	270
SH1	NOPACKAGE	1	Top	0.1378	-0.0197	3.5000	-0.5000	90
SH2	NOPACKAGE	2	Top	0.0197	-0.0197	0.5000	-0.5000	0
SH3	NOPACKAGE	2	Top	0.0591	-0.0197	1.5000	-0.5000	180
SH4	NOPACKAGE	2	Top	0.2165	-0.0197	5.5000	-0.5000	0
SPKR1	NOPACKAGE	1	Top	0.1772	-0.0197	4.5000	-0.5000	0
SW1	SW-LC2259	1	Top	0.5118	2.7953	13.0000	71.0000	0
SW2	TS-026	1	Top	0.7480	3.8583	19.0000	98.0000	0
SW3	SW-LC2259	2	Top	0.2362	3.4252	6.0000	87.0000	270
SW4	TS-026	1	Top	0.4724	3.8583	12.0000	98.0000	0
SW5	TS-02B	1	Top	0.5748	2.4921	14.6000	63.3000	0

T1	SM-LP-5001	2	Top	2.1161	0.4724	53.7500	12.0000	270
T2	SM-LP-5001	2	Top	1.6831	0.4724	42.7500	12.0000	270
U1	LQFP100-14	1	Top	1.1614	2.9823	29.5000	75.7500	0
U2	SOT23-5L	1	Top	0.7972	2.3130	20.2500	58.7500	180
U3	SOT23-5L	1	Top	0.7874	3.6339	20.0000	92.3000	270
U4	ECOPACK-11	1	Top	1.1024	3.4646	28.0000	88.0000	0
U5	PSO-DDA	2	Top	0.5906	1.9094	15.0000	48.5000	0
U6	SOT23-6	2	Top	2.1063	1.5157	53.5000	38.5000	180
U7	SOT23-6	2	Top	2.2441	1.1811	57.0000	30.0000	0
U8	SO08	2	Top	2.0079	3.4744	51.0000	88.2500	0
U9	SOT23-6	2	Top	2.1260	2.0276	54.0000	51.5000	180
U10	SOIC8	1	Bottom	1.6654	3.6417	42.3000	92.5000	180
XTAL1	XTAL-FY0800035	1	Top	1.1614	2.4213	29.5000	61.5000	90