

Bill of Materials from SM1000-E.sch, 205 parts, as of 6/27/2015 2:12:28 PM

Part	Package	Sheet	Side	X (inch)	Y (inch)	X (mm)	Y (mm)	Angle
C1	CAPC1005X60N	2	Top	0.1496	2.1693	3.80	55.10	0
C2	CAPC1005X60N	1	Top	1.2835	2.4213	32.60	61.50	90
C3	CAPC1005X60N	1	Top	1.0394	2.4016	26.40	61.00	270
C4	CAPC1005X60N	1	Top	0.5413	2.3327	13.75	59.25	90
C5	CAPC1608X92N	1	Top	0.4626	2.3327	11.75	59.25	90
C6	CAPC1608X92N	1	Top	0.1969	2.3228	5.00	59.00	90
C7	CAPC1005X60N	1	Top	0.2953	2.3228	7.50	59.00	90
C8	CAPC1005X60N	1	Top	0.3937	2.3425	10.00	59.50	90
C9	C1206-TANT	1	Top	1.4823	3.4941	37.65	88.75	0
C10	CAPC1608X92N	1	Top	1.4646	2.5197	37.20	64.00	0
C11	CAPC1005X60N	1	Top	1.4370	2.5984	36.50	66.00	0
C12	CAPC1608X92N	1	Top	1.3228	2.5551	33.60	64.90	180
C13	CAPC1005X60N	1	Top	1.3189	2.6142	33.50	66.40	180
C14	CAPC1608X92N	1	Top	0.8465	3.3898	21.50	86.10	180
C15	CAPC1608X92N	1	Top	1.7323	3.1437	44.00	79.85	0
C16	CAPC1005X60N	1	Top	0.7913	2.6102	20.10	66.30	180
C17	CAPC1005X60N	1	Top	0.7874	2.6969	20.00	68.50	90
C18	CAPC1005X60N	1	Top	0.7933	3.3071	20.15	84.00	90
C19	CAPC1005X60N	1	Top	0.7343	3.3071	18.65	84.00	90
C20	CAPC1005X60N	1	Top	1.5551	2.6870	39.50	68.25	180
C21	CAPC1005X60N	1	Top	1.5551	2.7461	39.50	69.75	180
C22	CAPC1005X60N	2	Top	2.0866	2.2047	53.00	56.00	270
C23	CAPC1005X60N	2	Top	1.9390	3.7992	49.25	96.50	270
C24	CAPC1608X92N	1	Top	1.0000	2.5197	25.40	64.00	180
C25	CAPC3225X168N	2	Top	0.1378	1.8346	3.50	46.60	180
C26	CAPC1005X60N	2	Top	0.3543	2.0079	9.00	51.00	180
C27	CAPC1005X60N	2	Top	0.8661	1.7913	22.00	45.50	180
C29	CAPC3225X168N	2	Top	0.4429	1.4075	11.25	35.75	90
C30	CAPC1005X60N	2	Top	0.3740	0.6890	9.50	17.50	0
C31	CAPC1608X92N	2	Top	0.8661	2.0276	22.00	51.50	0
C32	NICHICON-WX-6.3	2	Top	1.6535	2.2441	42.00	57.00	270
C33	CAPC1005X60N	2	Top	2.4803	1.8504	63.00	47.00	270
C34	CAPC1005X60N	2	Top	2.2835	2.0276	58.00	51.50	90
C35	CAPC1608X92N	2	Top	1.9685	2.1850	50.00	55.50	270
C36	C1210	2	Top	1.8150	1.6142	46.10	41.00	270
C37	CAPC1005X60N	2	Top	2.1949	3.4843	55.75	88.50	90
C38	C1210	2	Top	2.4213	1.1811	61.50	30.00	270
C39	CAP-CHEMI-HA0	2	Top	2.3622	2.8346	60.00	72.00	0
C40	CAPC1005X60N	2	Top	2.3917	3.2283	60.75	82.00	270
C41	CAPC1005X60N	2	Top	2.3031	1.4961	58.50	38.00	90
C42	CAPC1005X60N	2	Top	2.1299	1.2008	54.10	30.50	270
C43	CAPC1005X60N	2	Top	1.6929	1.1024	43.00	28.00	270
C44	CAPC1005X60N	2	Top	2.0669	0.9449	52.50	24.00	270
C45	CAPC1005X60N	2	Top	1.2795	1.3386	32.50	34.00	270
C46	CAPC1005X60N	2	Top	0.1673	2.1043	4.25	53.45	180
C47	C1210	2	Top	1.7244	1.2402	43.80	31.50	270
C48	CAPC1608X92N	2	Top	0.8661	1.9094	22.00	48.50	0
C49	CAPC1005X60N	1	Top	0.8071	2.4331	20.50	61.80	0
C50	CAPC1608X92N	2	Top	2.4213	1.4961	61.50	38.00	90
C51	CAPC1005X60N	2	Top	0.6299	3.0906	16.00	78.50	180
C52	CAPC1005X60N	1	Top	1.5551	3.2677	39.50	83.00	0

C53	CAPC1005X60N	1	Top	1.5551	3.3268	39.50	84.50	0
C54	CAPC1005X60N	2	Top	2.0866	1.8504	53.00	47.00	270
C55	CAPC1005X60N	1	Top	1.5906	2.5787	40.40	65.50	0
C56	CAPC1005X60N	1	Top	1.5906	2.5118	40.40	63.80	0
C57	CAPC1005X60N	2	Top	2.0276	3.2480	51.50	82.50	270
C58	CAPC1005X60N	2	Top	2.4803	2.0079	63.00	51.00	90
C59	NICHICON-WX-6.3	2	Top	2.3622	2.2638	60.00	57.50	0
C60	CAP-CHEMI-HA0	2	Top	2.0039	2.9331	50.90	74.50	0
C61	CAPC1005X60N	2	Top	2.1457	1.6732	54.50	42.50	90
C62	CAPC1005X60N	2	Top	1.8622	2.2165	47.30	56.30	270
C63	CAP-CHEMI-HA0	2	Top	0.5315	0.9055	13.50	23.00	0
C64	CAPC3225X168N	2	Top	1.9094	2.5394	48.50	64.50	90
C65	CAPC1608X92N	2	Top	2.0472	2.5197	52.00	64.00	90
C66	CAPC1005X60N	2	Top	2.1457	2.5197	54.50	64.00	90
C70	CAPC3225X168N	2	Top	0.1378	1.9882	3.50	50.50	180
CN1	HDR100-3	1	Top	0.4724	3.0118	12.00	76.50	90
CN2	JI-MU3-002	1	Bottom	1.1024	3.7677	28.00	95.70	0
CN3	DS-0518	2	Top	0.3150	0.3543	8.00	9.00	90
CN4	CONN-RJ45-MOLEX-44144-003	2	Top	1.0827	0.4134	27.50	10.50	0
CN5	ST-3509	2	Bottom	0.5630	0.2953	14.30	7.50	270
CN6	ST-3509	2	Bottom	2.3425	0.2953	59.50	7.50	270
CN7	ST-3509	2	Bottom	1.8976	0.2953	48.20	7.50	270
CN8	ST-3509	2	Bottom	1.0079	0.2953	25.60	7.50	270
CN9	ST-3509	2	Bottom	1.4528	0.2953	36.90	7.50	270
CN10	ST-3509	2	Bottom	0.2874	2.4921	7.30	63.30	0
CN11	HDR100-3	1	Top	1.6024	3.0906	40.70	78.50	270
CN12	HRS-A3C-16DA	2	Top	1.0827	0.9055	27.50	23.00	0
D1	SOD128	2	Bottom	0.2165	0.3740	5.50	9.50	270
D2	SOD323R_INFINEON	2	Top	0.0827	1.0551	2.10	26.80	270
D3	SOD128	2	Bottom	1.2008	0.4134	30.50	10.50	270
D4	SOD523	2	Bottom	1.3386	0.6299	34.00	16.00	0
D5	SOD523	2	Bottom	1.7126	0.2953	43.50	7.50	270
D6	SOD523	2	Bottom	2.1457	0.2953	54.50	7.50	270
D7	SOD523	2	Bottom	0.2008	2.6929	5.10	68.40	90
D8	SOD523	2	Bottom	0.3858	0.3504	9.80	8.90	270
FB1	FE0805	2	Top	2.1654	0.9252	55.00	23.50	270
FB2	FE0805	2	Top	1.5945	1.1417	40.50	29.00	270
FB3	FE0805	2	Top	1.4764	1.1417	37.50	29.00	270
FB4	FE0805	2	Top	1.5748	1.8543	40.00	47.10	90
FB5	FE0805	2	Top	0.2559	1.0433	6.50	26.50	180
FB6	FE0805	2	Top	1.2402	1.6142	31.50	41.00	0
FB7	FE0805	1	Top	1.3583	2.3031	34.50	58.50	0
FB8	FE0805	2	Top	1.3583	2.1811	34.50	55.40	0
J1	JMPR-2PIN	1	Top	1.7598	3.3071	44.70	84.00	0
J2	JMPR-2PIN	2	Top	0.7874	1.4173	20.00	36.00	180
J3	JMPR-2PIN	2	Top	1.9567	2.3228	49.70	59.00	90
J4	CONN-BOOM-XH-2A	2	Top	1.0630	1.3976	27.00	35.50	180
L1	SRR5028	2	Top	0.1969	1.4173	5.00	36.00	270
LD2	LTV-817S	2	Top	1.0433	1.1614	26.50	29.50	270
LED1	LTST-S2200K	1	Top	1.6929	3.8780	43.00	98.50	270
LED2	LTST-S2200K	1	Top	1.4764	3.8780	37.50	98.50	270
LED3	LTST-S2200K	1	Top	1.2598	3.8780	32.00	98.50	270
LED4	LTST-S2200K	1	Top	1.0433	3.8780	26.50	98.50	270

LED5	SML-LX0603SRW	1	Top	0.9685	2.2736	24.60	57.75	180
LED8	SML-LX0603SRW	2	Top	0.5709	1.5157	14.50	38.50	0
MIC1	CMA-4544PF-W	2	Top	1.2992	1.9094	33.00	48.50	90
P1	TPAD50	2	Bottom	1.3780	2.8937	35.00	73.50	0
P2	TPAD50	2	Bottom	1.7913	2.7953	45.50	71.00	0
P3	TPAD50	2	Bottom	1.7913	2.8937	45.50	73.50	0
P4	TPAD50	2	Bottom	1.3780	2.9724	35.00	75.50	0
P5	TPAD50	1	Bottom	0.9843	2.9748	25.00	75.56	0
P6	TPAD50	1	Bottom	0.9843	2.8543	25.00	72.50	0
P7	TPAD50	1	Bottom	1.0827	2.9724	27.50	75.50	0
P8	TPAD50	1	Bottom	1.0827	2.8543	27.50	72.50	0
P9	TPAD50	1	Bottom	1.2598	3.0906	32.00	78.50	0
P10	TPAD50	1	Bottom	1.1811	3.0906	30.00	78.50	0
P11	TPAD50	1	Bottom	1.1024	3.0906	28.00	78.50	0
P12	TPAD50	1	Bottom	1.0236	3.0906	26.00	78.50	0
P13	TPAD50	1	Top	0.1102	3.8189	2.80	97.00	180
P14	TPAD50	1	Top	0.1102	3.7402	2.80	95.00	0
P16	TPAD50	1	Top	0.2362	3.7402	6.00	95.00	0
P18	TPAD50	1	Top	2.4685	0.6260	62.70	15.90	180
P19	TPAD50	1	Top	0.9988	1.6579	25.37	42.11	0
P20	TPAD50	1	Top	0.2362	3.8150	6.00	96.90	180
PCB1	NOPACKAGE	1	Top	0.0984	-0.0197	2.50	-0.50	0
R1	RESC1005X40AN	1	Top	0.2953	2.5630	7.50	65.10	90
R2	RESC1005X40AN	1	Top	0.6299	2.9724	16.00	75.50	0
R3	RESC1005X40AN	1	Top	0.8071	2.5197	20.50	64.00	0
R4	RESC1005X40AN	1	Top	1.5551	3.3858	39.50	86.00	0
R5	RESC1005X40AN	1	Top	1.6417	3.2677	41.70	83.00	0
R6	RESC1005X40AN	1	Top	1.7441	3.0610	44.30	77.75	0
R7	RESC1005X40AN	1	Top	0.4331	3.6614	11.00	93.00	270
R8	RESC1005X40AN	1	Top	0.3740	3.7165	9.50	94.40	270
R9	RESC1005X40AN	2	Top	1.8701	1.4567	47.50	37.00	270
R10	RESC1608X55N	1	Top	1.4016	2.4370	35.60	61.90	0
R11	RESC1608X55N	2	Top	1.5551	2.0236	39.50	51.40	90
R12	RESC1005X40AN	1	Top	1.7126	3.7795	43.50	96.00	0
R13	RESC1005X40AN	1	Top	1.4961	3.7795	38.00	96.00	0
R14	RESC1005X40AN	1	Top	1.1614	2.5984	29.50	66.00	270
R15	RESC1005X40AN	1	Top	1.2559	3.7598	31.90	95.50	90
R16	RESC1005X40AN	1	Top	1.0827	3.7717	27.50	95.80	90
R17	RESC1005X40AN	1	Top	0.9449	2.4016	24.00	61.00	90
R18	RESC1608X55N	1	Top	0.6496	2.3189	16.50	58.90	0
R19	RESC1608X55N	1	Top	0.6102	3.2087	15.50	81.50	180
R20	RESC1608X55N	1	Top	0.8465	3.4685	21.50	88.10	180
R21	RESC1608X55N	2	Top	0.7677	1.5945	19.50	40.50	0
R22	RESC1608X55N	2	Top	2.1457	3.2283	54.50	82.00	270
R23	RESC1005X40AN	2	Top	1.9882	1.4567	50.50	37.00	90
R24	RESC1005X40AN	1	Top	0.5512	3.6614	14.00	93.00	270
R25	RESC1005X40AN	1	Top	0.4921	3.6614	12.50	93.00	270
R26	RESC1608X55N	1	Top	0.6496	3.6220	16.50	92.00	90
R27	RESC1005X40AN	1	Top	0.9843	3.4055	25.00	86.50	270
R28	RESC1005X40AN	1	Top	0.9843	3.4961	25.00	88.80	90
R29	RESC1005X40AN	2	Top	2.2795	1.8504	57.90	47.00	270
R30	RESC1608X55N	1	Top	1.2638	3.4843	32.10	88.50	270
R31	RESC1608X55N	1	Top	1.0000	2.5984	25.40	66.00	0

R32	RESC1608X55N	2	Top	1.6535	2.0236	42.00	51.40	90
R33	RESC1005X40AN	2	Top	0.5512	1.3976	14.00	35.50	90
R34	RESC1005X40AN	2	Top	0.8661	1.9685	22.00	50.00	180
R35	RESC1005X40AN	2	Top	0.8661	1.7323	22.00	44.00	180
R36	RESC1005X40AN	2	Top	0.8661	1.8504	22.00	47.00	0
R37	RESC1005X40AN	2	Top	0.6299	3.0315	16.00	77.00	0
R38	RESC1005X40AN	2	Top	2.1811	2.2047	55.40	56.00	90
R39	RESC3115X70N	2	Top	1.8701	3.7598	47.50	95.50	270
R40	RESC1005X40AN	2	Top	2.3819	2.0079	60.50	51.00	270
R41	RESC1005X40AN	2	Top	2.3819	1.8504	60.50	47.00	90
R42	POT3361	2	Top	1.8701	1.9488	47.50	49.50	0
R43	RESC1005X40AN	2	Top	1.9882	1.6732	50.50	42.50	90
R44	RESC1005X40AN	2	Top	2.3819	1.6732	60.50	42.50	90
R45	RESC1005X40AN	2	Top	2.2638	1.6732	57.50	42.50	90
R46	POT-3310C	2	Top	2.1823	3.8972	55.43	98.99	90
R47	POT3361	2	Top	1.9488	1.2008	49.50	30.50	0
R48	RESC1005X40AN	2	Top	1.7520	0.9843	44.50	25.00	270
R49	RESC1005X40AN	2	Top	1.7520	1.1024	44.50	28.00	270
R50	RESC1608X55N	2	Top	2.2736	3.2283	57.75	82.00	270
R51	RESC1005X40AN	2	Top	0.8858	1.3622	22.50	34.60	90
R52	POT3361	2	Top	1.5748	1.5551	40.00	39.50	0
R53	RESC1005X40AN	2	Top	2.1850	1.8504	55.50	47.00	270
R54	RESC1608X55N	1	Top	1.7126	2.9134	43.50	74.00	90
R55	RESC1608X55N	1	Top	1.7126	2.7559	43.50	70.00	270
R56	RESC1005X40AN	2	Top	0.6102	3.1496	15.50	80.00	0
R57	RESC1005X40AN	1	Top	0.7165	3.0551	18.20	77.60	90
R58	RESC1005X40AN	2	Top	1.6772	1.7717	42.60	45.00	90
SH1	NOPACKAGE	1	Top	0.1378	-0.0197	3.50	-0.50	90
SH2	NOPACKAGE	2	Top	0.0197	-0.0197	0.50	-0.50	0
SH3	NOPACKAGE	2	Top	0.0591	-0.0197	1.50	-0.50	180
SPKR1	NOPACKAGE	1	Top	0.1772	-0.0197	4.50	-0.50	0
SW1	SW-LC2259	1	Top	0.5118	2.7953	13.00	71.00	0
SW2	TS-026	1	Top	0.7480	3.8583	19.00	98.00	0
SW3	SW-LC2259	2	Top	0.2362	3.4252	6.00	87.00	270
SW4	TS-026	1	Top	0.4724	3.8583	12.00	98.00	0
SW5	TS-02B	1	Top	0.5748	2.4921	14.60	63.30	0
T1	SM-LP-5001	2	Top	2.1161	0.4724	53.75	12.00	270
T2	SM-LP-5001	2	Top	1.6831	0.4724	42.75	12.00	270
U1	LQFP100-14	1	Top	1.1614	2.9823	29.50	75.75	0
U2	SOT23-5L	1	Top	0.7972	2.3130	20.25	58.75	180
U3	SOT23-5L	1	Top	0.7874	3.6339	20.00	92.30	270
U4	ECOPACK-11	1	Top	1.1024	3.4646	28.00	88.00	0
U5	PSO-DDA	2	Top	0.5906	1.9094	15.00	48.50	0
U6	SOT23-6	2	Top	2.1063	1.5157	53.50	38.50	180
U7	SOT23-6	2	Top	2.2441	1.1811	57.00	30.00	0
U8	SO08	2	Top	2.0079	3.4744	51.00	88.25	0
U9	SOT23-6	2	Top	2.1260	2.0276	54.00	51.50	180
XTAL1	XTAL-FY0800035	1	Top	1.1614	2.4213	29.50	61.50	90