

B2800 Auto Insertion File (B2800_centroidlist.xlsx)								
			Fukun Tang					
			773-834-4286					
			ftang@uchicago.edu					
			5/20/2013					
Item#	Ref	Comp	Geometry	Location(x=inch)	Location(y=inch)	Rotation	Side(top/bot)	Value/Note
1	ZD1	RB085B-30TCLT-ND	DKAK	20.525	3.25	270	top	
1	ZD2	RB085B-30TCLT-ND	DKAK	24.385	1.66	270	top	
1	ZD3	RB085B-30TCLT-ND	DKAK	26.415	1.695	270	top	
1	ZD4	RB085B-30TCLT-ND	DKAK	25.655	2.33	90	top	
2	UA20	MAX1169	TSSOP14	13.704	1.042	0	top	
2	UA21	MAX1169	TSSOP14	13.704	0.782	0	top	
2	UA22	MAX1169	TSSOP14	13.704	0.527	0	top	
2	UA23	MAX1169	TSSOP14	20.362	0.775	0	top	
2	UA24	MAX1169	TSSOP14	20.365	0.521	0	top	
2	UA25	MAX1169	TSSOP14	20.366	0.275	0	top	
2	UB20	MAX1169	TSSOP14	11.474	3.253	180	top	
2	UB21	MAX1169	TSSOP14	11.475	2.998	180	top	
2	UB22	MAX1169	TSSOP14	11.475	2.742	180	top	
2	UB23	MAX1169	TSSOP14	18.996	3.511	180	top	
2	UB24	MAX1169	TSSOP14	18.999	3.194	180	top	
2	UB25	MAX1169	TSSOP14	18.997	2.936	180	top	
3	UA3	LTC2656	QFN20_4x5mm	12.607	1.455	0	top	
3	UA4	LTC2656	QFN20_4x5mm	12.963	1.456	0	top	
3	UA8	LTC2656	QFN20_4x5mm	17.146	1.591	0	top	
3	UA9	LTC2656	QFN20_4x5mm	17.471	1.591	0	top	
3	UB3	LTC2656	QFN20_4x5mm	9.649	2.702	0	top	
3	UB4	LTC2656	QFN20_4x5mm	10.024	2.701	0	top	
3	UB8	LTC2656	QFN20_4x5mm	14.04	2.515	0	top	
3	UB9	LTC2656	QFN20_4x5mm	14.434	2.52	0	top	
4	UA0	LTC2264-12	QFN40_6x6mm	2.325	1.65	90	top	
4	UA1	LTC2264-12	QFN40_6x6mm	6.561	1.63	90	top	
4	UA2	LTC2264-12	QFN40_6x6mm	11.103	1.612	90	top	
4	UA5	LTC2264-12	QFN40_6x6mm	15.662	1.569	90	top	
4	UA6	LTC2264-12	QFN40_6x6mm	18.309	1.607	90	top	
4	UA7	LTC2264-12	QFN40_6x6mm	22.857	1.619	90	top	
4	UB0	LTC2264-12	QFN40_6x6mm	4.26	2.3	270	top	
4	UB1	LTC2264-12	QFN40_6x6mm	8.785	2.317	270	top	
4	UB2	LTC2264-12	QFN40_6x6mm	13.395	2.32	270	top	

4	UB5	LTC2264-12	QFN40_6x6mm	17.959	2.317	270	top	
4	UB6	LTC2264-12	QFN40_6x6mm	22.525	2.3	270	top	
4	UB7	LTC2264-12	QFN40_6x6mm	26.735	2.305	270	top	
5	U11	LTC2051CS8	soic8	20.464	3.693	180	top	
5	U12	LTC2051CS8	soic8	19.924	3.692	180	top	
5	U13	LTC2051CS8	soic8	19.4	3.69	180	top	
5	U5	LTC2051CS8	soic8	21.713	0.327	0	top	
5	U6	LTC2051CS8	soic8	21.145	0.33	0	top	
5	U7	LTC2051CS8	soic8	22.315	0.322	0	top	
8	U200	SY89832U	MLF16_3x3mm_TPAD	12.144	1.441	0	top	
8	U201	SY89832U	MLF16_3x3mm_TPAD	11.795	1.443	0	top	
8	U202	SY89832U	MLF16_3x3mm_TPAD	11.961	0.256	0	top	
8	U210	SY89832U	MLF16_3x3mm_TPAD	16.693	1.6	0	top	
8	U211	SY89832U	MLF16_3x3mm_TPAD	16.413	1.599	0	top	
8	U212	SY89832U	MLF16_3x3mm_TPAD	16.565	0.532	0	top	
8	U220	SY89832U	MLF16_3x3mm_TPAD	10.404	2.441	180	top	
8	U221	SY89832U	MLF16_3x3mm_TPAD	10.404	2.667	180	top	
8	U222	SY89832U	MLF16_3x3mm_TPAD	10.396	3.639	180	top	
8	U230	SY89832U	MLF16_3x3mm_TPAD	14.868	2.417	180	top	
8	U231	SY89832U	MLF16_3x3mm_TPAD	14.865	2.631	180	top	
8	U232	SY89832U	MLF16_3x3mm_TPAD	15.858	3.345	180	top	
9	U100	epcs4	soic8	11.99	0.76	180	top	
9	U101	epcs4	soic8	16.21	0.905	180	top	
9	U102	epcs4	soic8	10.665	3.49	0	top	
9	U103	epcs4	soic8	15.03	3.46	0	top	
10	FPGA_A0	EP4CE10F17C7N	FBGA256_17x17mm	12.77	0.741	0	top	
10	FPGA_A1	EP4CE10F17C7N	FBGA256_17x17mm	17.087	0.962	0	top	
10	FPGA_B0	EP4CE10F17C7N	FBGA256_17x17mm	9.838	3.267	180	top	
10	FPGA_B1	EP4CE10F17C7N	FBGA256_17x17mm	14.241	3.155	180	top	
11	F1	smf_fuse_blok	01543.15DRL	26.28	2.12	270	top	5A
11	F2	smf_fuse_blok	01543.15DRL	26.005	2.12	90	top	5A
12	QZ1	clk125	632L3I040M0000	11.995	0.5	0	top	DNI
12	QZ2	clk125	632L3I040M0000	16.202	0.655	0	top	DNI
12	QZ3	clk125	632L3I040M0000	10.659	3.189	180	top	DNI
12	QZ4	clk125	632L3I040M0000	15.028	3.198	180	top	DNI
20	JP0	SAEM40X10 CONN.	SAEM40X10	20.47244	1.9685	0	top	
21	JA0	berg_conn5	berg_conn5	2.131	1.203	0	top	
21	JA1	berg_conn5	berg_conn5	4.48819	2.75591	180	top	
21	JA10	berg_conn5	berg_conn5	22.66	1.185	0	top	

21	JA11	berg_conn5	berg_conn5	26.9685	2.75591	180	top	
21	JA2	berg_conn5	berg_conn5	6.36614	1.18504	0	top	
21	JA3	berg_conn5	berg_conn5	9.01575	2.75591	180	top	
21	JA4	berg_conn5	berg_conn5	10.908	1.184	0	top	
21	JA5	berg_conn5	berg_conn5	13.62205	2.75591	180	top	
21	JA6	berg_conn5	berg_conn5	15.461	1.14	0	top	
21	JA7	berg_conn5	berg_conn5	18.18898	2.75591	180	top	
21	JA8	berg_conn5	berg_conn5	18.11024	1.1811	0	top	
21	JA9	berg_conn5	berg_conn5	22.75591	2.75591	180	top	
22	J100	jtag_st	jtag_connst	17.195	0.238	0	top	
22	J101	jtag_st	jtag_connst	14.107	3.694	180	top	
23	J0	ca40nfhlr_ra	ca40nfhlr	1.81102	0.98031	270	top	
23	J1	ca40nfhlr_ra	ca40nfhlr	2.83465	2.95276	90	top	
23	J10	ca40nfhlr_ra	ca40nfhlr	24.33071	0.98031	270	top	
23	J11	ca40nfhlr_ra	ca40nfhlr	25.35433	2.95276	90	top	
23	J2	ca40nfhlr_ra	ca40nfhlr	6.06299	0.98031	270	top	
23	J3	ca40nfhlr_ra	ca40nfhlr	7.40157	2.95276	90	top	
23	J4	ca40nfhlr_ra	ca40nfhlr	10.62992	0.98031	270	top	
23	J5	ca40nfhlr_ra	ca40nfhlr	11.9685	2.95276	90	top	
23	J6	ca40nfhlr_ra	ca40nfhlr	15.19685	0.98031	270	top	
23	J7	ca40nfhlr_ra	ca40nfhlr	16.53543	2.95276	90	top	
23	J8	ca40nfhlr_ra	ca40nfhlr	19.76378	0.98031	270	top	
23	J9	ca40nfhlr_ra	ca40nfhlr	21.10236	2.95276	90	top	
24	PS1	pconn3x2	1725669	4.52756	0.31496	0	top	DNI
24	PS2	pconn3x2	1725669	6.85039	3.62205	180	top	DNI
24	PS3	pconn3x2	1725669	17.67717	0.31496	0	top	DNI
24	PS4	pconn3x2	1725669	18.62205	3.62205	180	top	DNI
25	P1	pconn3mm5-p6	1776275-6	0.52	1.735	180	top	DNI
25	P2	pconn3mm5-p6	1776275-6	0.52	3.034	180	top	DNI
25	POA	pconn3mm5-p6	1776275-6	26.755	1.379	180	top	DNI
25	POB	pconn3mm5-p6	1776275-6	25.04	2.816	180	top	DNI
30	R00	R0402	R0402	23.326	3.415	180	top	0
30	R01	R0402	R0402	23.326	3.38	180	top	0
30	R02	R0402	R0402	24.94	0.755	180	top	0
30	R03	R0402	R0402	24.94	0.72	180	top	0
30	R1	R0402	R0402	13.164	0.916	180	top	0
30	R10	R0402	R0402	13.844	3.014	0	top	0
30	R106	R0402	R0402	21.148	1.601	270	top	0
30	R11	R0402	R0402	13.844	3.052	0	top	0

30	R110	R0402	R0402	21.199	1.601	270	top	0
30	R111	R0402	R0402	21.298	1.604	270	top	0
30	R112	R0402	R0402	21.35	1.602	270	top	0
30	R12	R0402	R0402	13.843	3.13	0	top	0
30	R126	R0402	R0402	21.151	2.329	90	top	0
30	R130	R0402	R0402	21.201	2.329	90	top	0
30	R131	R0402	R0402	21.3	2.329	90	top	0
30	R132	R0402	R0402	21.345	2.329	90	top	0
30	R2	R0402	R0402	13.164	0.876	180	top	0
30	R3	R0402	R0402	13.164	0.837	180	top	0
30	R4	R0402	R0402	17.48	1.154	180	top	0
30	R5	R0402	R0402	17.48	1.115	180	top	0
30	R6	R0402	R0402	17.48	1.075	180	top	0
30	R7	R0402	R0402	9.443	3.148	0	top	0
30	R8	R0402	R0402	9.443	3.188	0	top	0
30	R9	R0402	R0402	9.443	3.227	0	top	0
32	R105	R0402	R0402	12.201	0.739	180	top	22
32	R113	R0402	R0402	16.41	0.88	180	top	22
32	R125	R0402	R0402	10.443	3.472	0	top	22
32	R133	R0402	R0402	14.821	3.482	0	top	22
32	RP0	R0402	R0402	13.502	1.069	0	top	22
32	RP1	R0402	R0402	13.502	0.808	0	top	22
32	RP10	R0402	R0402	19.2	3.487	180	top	22
32	RP11	R0402	R0402	19.203	3.171	180	top	22
32	RP12	R0402	R0402	19.198	2.912	180	top	22
32	RP2	R0402	R0402	13.502	0.553	0	top	22
32	RP3	R0402	R0402	20.16	0.798	0	top	22
32	RP4	R0402	R0402	20.163	0.544	0	top	22
32	RP5	R0402	R0402	20.164	0.295	0	top	22
32	RP7	R0402	R0402	11.679	3.229	180	top	22
32	RP8	R0402	R0402	11.68	2.974	180	top	22
32	RP9	R0402	R0402	11.679	2.718	180	top	22
32	RT100	R0402	R0402	12.195	0.584	180	top	22
32	RT120	R0402	R0402	16.395	0.746	180	top	22
32	RT140	R0402	R0402	10.455	3.075	0	top	22
32	RT160	R0402	R0402	14.825	3.117	0	top	22
34	RP60	R0402	R0402	14.014	1.034	90	top	56
34	RP61	R0402	R0402	14.01	0.76	90	top	56
34	RP62	R0402	R0402	14.007	0.524	90	top	56

34	RP63	R0402	R0402	20.674	0.769	90	top	56
34	RP64	R0402	R0402	20.677	0.511	90	top	56
34	RP65	R0402	R0402	20.637	0.256	90	top	56
34	RP66	R0402	R0402	11.165	3.264	270	top	56
34	RP67	R0402	R0402	11.164	3.008	270	top	56
34	RP68	R0402	R0402	11.165	2.751	270	top	56
34	RP69	R0402	R0402	18.765	3.52	270	top	56
34	RP70	R0402	R0402	18.699	3.206	270	top	56
34	RP71	R0402	R0402	18.702	2.962	270	top	56
35	RA14	R0402	R0402	2.56	1.613	90	top	100
35	RB14	R0402	R0402	6.796	1.59	90	top	100
35	RC14	R0402	R0402	11.338	1.572	90	top	100
35	RD14	R0402	R0402	15.897	1.529	90	top	100
35	RE14	R0402	R0402	18.544	1.567	90	top	100
35	RF14	R0402	R0402	23.092	1.579	90	top	100
35	RG14	R0402	R0402	4.005	2.33	270	top	100
35	RH14	R0402	R0402	8.53	2.347	270	top	100
35	RJ14	R0402	R0402	13.14	2.35	270	top	100
35	RK14	R0402	R0402	17.704	2.347	270	top	100
35	RL14	R0402	R0402	22.27	2.33	270	top	100
35	RM14	R0402	R0402	26.48	2.335	270	top	100
37	R39	R0402	R0402	21.49732	0.25823	0	top	1K
37	R65	R0402	R0402	20.66622	3.76811	180	top	1K
38	R307	R0402	R0402	25.01	1.51	90	top	1.21K
38	R503	R0402	R0402	25.21	0.675	90	top	1.21K
38	R513	R0402	R0402	23.563	2.498	270	top	1.21K
38	R553	R0402	R0402	23.518	3.413	270	top	1.21K
39	R41	R0402	R0402	20.9289	0.30791	0	top	1.5k
39	R67	R0402	R0402	20.12713	3.71717	180	top	1.5k
40	R40	R0402	R0402	21.92433	0.25524	180	top	2K
40	R43	R0402	R0402	20.9289	0.40791	0	top	2k
40	R66	R0402	R0402	20.26122	3.72311	0	top	2K
40	R69	R0402	R0402	20.12713	3.61717	0	top	2k
42	R306	R0402	R0402	24.97	1.51	270	top	3.83K
42	R501	R0402	R0402	25.175	0.675	270	top	3.83K
42	R511	R0402	R0402	23.601	2.498	90	top	3.83K
42	R551	R0402	R0402	23.557	3.413	90	top	3.83K
43	R42	R0402	R0402	21.35591	0.30791	180	top	4.99k
43	R45	R0402	R0402	22.51713	0.24496	0	top	4.99k

43	R68	R0402	R0402	19.72213	3.71717	0	top	4.99k
43	R71	R0402	R0402	19.19772	3.76539	180	top	4.99k
45	R100	R0402	R0402	12.376	0.761	0	top	10K
45	R101	R0402	R0402	13.163	0.798	180	top	10K
45	R102	R0402	R0402	12.372	0.837	0	top	10K
45	R107	R0402	R0402	16.696	0.985	0	top	10K
45	R108	R0402	R0402	17.48	1.032	180	top	10K
45	R109	R0402	R0402	16.696	1.032	0	top	10K
45	R114	R0402	R0402	16.696	0.939	0	top	10k
45	R120	R0402	R0402	10.232	3.228	180	top	10K
45	R121	R0402	R0402	9.445	3.279	0	top	10K
45	R122	R0402	R0402	10.232	3.149	180	top	10K
45	R127	R0402	R0402	14.64	3.104	180	top	10K
45	R128	R0402	R0402	13.8437	3.0898	0	top	10K
45	R129	R0402	R0402	14.64	3.021	180	top	10K
45	R134	R0402	R0402	14.6397	3.0686	180	top	10k
45	R35	R0402	R0402	21.49732	0.30823	180	top	10K
45	R36	R0402	R0402	21.92433	0.29024	0	top	10k
45	R37	R0402	R0402	21.35591	0.25291	0	top	10k
45	R38	R0402	R0402	20.9289	0.35791	180	top	10K
45	R44	R0402	R0402	22.11213	0.29996	180	top	10K
45	R46	R0402	R0402	22.11213	0.34996	0	top	10k
45	R47	R0402	R0402	22.51713	0.29996	180	top	10k
45	R61	R0402	R0402	20.66622	3.71811	0	top	10K
45	R62	R0402	R0402	20.26122	3.76811	180	top	10k
45	R63	R0402	R0402	19.72213	3.76717	180	top	10k
45	R64	R0402	R0402	20.12713	3.66717	0	top	10K
45	R70	R0402	R0402	19.61661	3.66142	0	top	10K
45	R72	R0402	R0402	19.61661	3.71142	180	top	10k
45	R73	R0402	R0402	19.19772	3.71539	0	top	10k
45	RA10	R0402	R0402	2.248	1.376	180	top	10K
45	RA12	R0402	R0402	2.478	1.376	180	top	10K
45	RA6	R0402	R0402	2.168	1.376	0	top	10K
45	RA8	R0402	R0402	2.403	1.376	0	top	10K
45	RB10	R0402	R0402	6.487	1.355	180	top	10K
45	RB12	R0402	R0402	6.717	1.355	180	top	10K
45	RB6	R0402	R0402	6.407	1.355	0	top	10K
45	RB8	R0402	R0402	6.642	1.355	0	top	10K
45	RC10	R0402	R0402	11.028	1.35	180	top	10K

45	RC12	R0402	R0402	11.258	1.35	180	top	10K
45	RC6	R0402	R0402	10.948	1.35	0	top	10K
45	RC8	R0402	R0402	11.183	1.35	0	top	10K
45	RD10	R0402	R0402	15.588	1.299	180	top	10K
45	RD11	R0402	R0402	15.818	1.299	180	top	10K
45	RD6	R0402	R0402	15.508	1.299	0	top	10K
45	RD8	R0402	R0402	15.743	1.299	0	top	10K
45	RE10	R0402	R0402	18.232	1.347	180	top	10K
45	RE12	R0402	R0402	18.463	1.347	180	top	10K
45	RE6	R0402	R0402	18.152	1.346	0	top	10K
45	RE8	R0402	R0402	18.388	1.347	0	top	10K
45	RF10	R0402	R0402	22.782	1.359	180	top	10K
45	RF12	R0402	R0402	23.012	1.359	180	top	10K
45	RF6	R0402	R0402	22.702	1.359	0	top	10K
45	RF8	R0402	R0402	22.937	1.359	0	top	10K
45	RG10	R0402	R0402	4.362	2.581	0	top	10K
45	RG12	R0402	R0402	4.123	2.581	0	top	10K
45	RG6	R0402	R0402	4.446	2.581	180	top	10K
45	RG8	R0402	R0402	4.203	2.581	180	top	10K
45	RH10	R0402	R0402	8.889	2.59	0	top	10K
45	RH12	R0402	R0402	8.654	2.59	0	top	10K
45	RH6	R0402	R0402	8.969	2.59	180	top	10K
45	RH8	R0402	R0402	8.729	2.59	180	top	10K
45	RJ10	R0402	R0402	13.5	2.587	0	top	10K
45	RJ12	R0402	R0402	13.265	2.587	0	top	10K
45	RJ6	R0402	R0402	13.58	2.587	180	top	10K
45	RJ8	R0402	R0402	13.34	2.587	180	top	10K
45	RK10	R0402	R0402	18.065	2.59	0	top	10K
45	RK12	R0402	R0402	17.83	2.59	0	top	10K
45	RK6	R0402	R0402	18.145	2.59	180	top	10K
45	RK8	R0402	R0402	17.905	2.59	180	top	10K
45	RL10	R0402	R0402	22.633	2.594	0	top	10K
45	RL12	R0402	R0402	22.398	2.594	0	top	10K
45	RL6	R0402	R0402	22.713	2.594	180	top	10K
45	RL8	R0402	R0402	22.473	2.594	180	top	10K
45	RM10	R0402	R0402	26.846	2.594	0	top	10K
45	RM12	R0402	R0402	26.611	2.594	0	top	10K
45	RM6	R0402	R0402	26.926	2.594	180	top	10K
45	RM8	R0402	R0402	26.686	2.594	180	top	10K

46	R305	R0402	R0402	25.06	1.575	0	top	11.5k
46	R510	R0402	R0402	23.6974	2.46283	90	top	11.5K
49	R500	R0402	R0402	25.175	0.78	90	top	28K
49	R504	R0402	R0402	25.21	0.78	90	top	28K
49	R550	R0402	R0402	23.71004	3.45169	90	top	28K
49	R554	R0402	R0402	23.66504	3.45169	90	top	28K
51	R308	R0402	R0402	25.075	1.485	270	top	48.7k
51	R515	R0402	R0402	23.6874	2.33283	180	top	48.7k
52	R502	R0402	R0402	25.21	0.855	90	top	60.4K
52	R552	R0402	R0402	23.66504	3.53169	90	top	60.4K
56	R505	R0402	R0402	25.215	0.42	90	top	121K
56	R555	R0402	R0402	23.615	3.333	0	top	121K
60	C516	C0402	c0402	25.175	0.855	270	top	22p
60	C518	C0402	c0402	25.215	0.495	270	top	22p
60	C566	C0402	c0402	25.08	1.63	270	top	22p
60	C568	C0402	c0402	25.075	1.41	90	top	22p
60	C616	C0402	c0402	23.71004	3.53169	270	top	22p
60	C618	C0402	c0402	23.69	3.333	180	top	22p
60	C666	C0402	c0402	23.6974	2.53783	270	top	22p
60	C668	C0402	c0402	23.6074	2.33283	0	top	22p
61	CA20	C0402	c0402	2.308	1.356	270	top	1n
61	CA21	C0402	c0402	2.113	1.396	90	top	1n
61	CA22	C0402	c0402	2.533	1.396	90	top	1n
61	CA23	C0402	c0402	2.343	1.356	270	top	1n
61	CB20	C0402	c0402	6.547	1.335	270	top	1n
61	CB21	C0402	c0402	6.352	1.375	90	top	1n
61	CB22	C0402	c0402	6.772	1.375	90	top	1n
61	CB23	C0402	c0402	6.582	1.335	270	top	1n
61	CC20	C0402	c0402	11.088	1.33	270	top	1n
61	CC21	C0402	c0402	10.893	1.37	90	top	1n
61	CC22	C0402	c0402	11.313	1.37	90	top	1n
61	CC23	C0402	c0402	11.123	1.33	270	top	1n
61	CD20	C0402	c0402	15.648	1.279	270	top	1n
61	CD21	C0402	c0402	15.453	1.319	90	top	1n
61	CD22	C0402	c0402	15.873	1.319	90	top	1n
61	CD23	C0402	c0402	15.683	1.279	270	top	1n
61	CE20	C0402	c0402	18.293	1.327	270	top	1n
61	CE21	C0402	c0402	18.097	1.366	90	top	1n
61	CE22	C0402	c0402	18.518	1.367	90	top	1n

61	CE23	C0402	c0402	18.328	1.327	270	top	1n
61	CF20	C0402	c0402	22.842	1.339	270	top	1n
61	CF21	C0402	c0402	22.647	1.379	90	top	1n
61	CF22	C0402	c0402	23.067	1.379	90	top	1n
61	CF23	C0402	c0402	22.877	1.339	270	top	1n
61	CG20	C0402	c0402	4.299	2.627	90	top	1n
61	CG21	C0402	c0402	4.501	2.557	270	top	1n
61	CG22	C0402	c0402	4.068	2.56	270	top	1n
61	CG23	C0402	c0402	4.264	2.627	90	top	1n
61	CH20	C0402	c0402	8.827	2.61	90	top	1n
61	CH21	C0402	c0402	9.024	2.57	270	top	1n
61	CH22	C0402	c0402	8.599	2.57	270	top	1n
61	CH23	C0402	c0402	8.789	2.61	90	top	1n
61	CJ20	C0402	c0402	13.434	2.609	90	top	1n
61	CJ21	C0402	c0402	13.635	2.567	270	top	1n
61	CJ22	C0402	c0402	13.21	2.567	270	top	1n
61	CJ23	C0402	c0402	13.399	2.609	90	top	1n
61	CK20	C0402	c0402	18	2.615	90	top	1n
61	CK21	C0402	c0402	18.2	2.57	270	top	1n
61	CK22	C0402	c0402	17.775	2.57	270	top	1n
61	CK23	C0402	c0402	17.965	2.615	90	top	1n
61	CL20	C0402	c0402	22.573	2.625	90	top	1n
61	CL21	C0402	c0402	22.768	2.574	270	top	1n
61	CL22	C0402	c0402	22.343	2.574	270	top	1n
61	CL23	C0402	c0402	22.538	2.625	90	top	1n
61	CM20	C0402	c0402	26.781	2.619	90	top	1n
61	CM21	C0402	c0402	26.981	2.574	270	top	1n
61	CM22	C0402	c0402	26.556	2.574	270	top	1n
61	CM23	C0402	c0402	26.746	2.619	90	top	1n
61	CN1	C0402	c0402	12.472	1.423	180	top	1n
61	CN11	C0402	c0402	9.888	2.67	180	top	1n
61	CN13	C0402	c0402	13.902	2.486	180	top	1n
61	CN15	C0402	c0402	14.293	2.487	180	top	1n
61	CN3	C0402	c0402	12.83	1.426	180	top	1n
61	CN5	C0402	c0402	17.01	1.563	180	top	1n
61	CN7	C0402	c0402	17.335	1.563	180	top	1n
61	CN9	C0402	c0402	9.504	2.669	180	top	1n
63	C249	C0402	c0402	24.93	1.51	90	top	.1u
63	C252	C0402	c0402	25.14	0.675	90	top	.1u

63	C262	C0402	c0402	9.604	3.859	0	top	.1u
63	C500	C0402	c0402	25.475	1.025	0	top	.1u
63	C502	C0402	c0402	25.3	1.045	270	top	.1u
63	C504	C0402	c0402	25.475	0.975	0	top	.1u
63	C506	C0402	c0402	25.475	0.925	0	top	.1u
63	C508	C0402	c0402	25.53	1.305	180	top	.1u
63	C510	C0402	c0402	25.68	1.025	180	top	.1u
63	C512	C0402	c0402	25.675	0.925	180	top	.1u
63	C514	C0402	c0402	25.675	0.525	180	top	.1u
63	C517	C0402	c0402	25.728	0.825	180	top	.1u
63	C519	C0402	c0402	25.475	0.575	0	top	.1u
63	C521	C0402	c0402	25.325	0.415	0	top	.1u
63	C523	C0402	c0402	25.475	0.475	0	top	.1u
63	C525	C0402	c0402	25.475	0.525	0	top	.1u
63	C558	C0402	c0402	25.535	1.865	180	top	.1u
63	C560	C0402	c0402	25.725	0.625	180	top	.1u
63	C562	C0402	c0402	25.676	0.416	180	top	.1u
63	C564	C0402	c0402	25.535	1.355	180	top	.1u
63	C567	C0402	c0402	25.581	1.604	180	top	.1u
63	C569	C0402	c0402	25.055	1.355	180	top	.1u
63	C571	C0402	c0402	25.335	1.255	0	top	.1u
63	C573	C0402	c0402	25.335	1.305	0	top	.1u
63	C575	C0402	c0402	25.335	1.355	0	top	.1u
63	C589	C0402	c0402	25.586	1.456	180	top	.1u
63	C600	C0402	c0402	23.94807	3.64969	0	top	.1u
63	C602	C0402	c0402	23.94705	3.60169	0	top	.1u
63	C604	C0402	c0402	23.94705	3.69969	0	top	.1u
63	C606	C0402	c0402	23.615	3.7	180	top	.1u
63	C608	C0402	c0402	24.17	3.6	180	top	.1u
63	C610	C0402	c0402	24.17039	2.17984	180	top	.1u
63	C612	C0402	c0402	24.19705	3.15071	180	top	.1u
63	C614	C0402	c0402	24.375	3.3	0	top	.1u
63	C621	C0402	c0402	14.875	3.736	0	top	.1u
63	C623	C0402	c0402	10.121	3.761	0	top	.1u
63	C656	C0402	c0402	23.95142	2.67984	0	top	.1u
63	C658	C0402	c0402	20.66622	3.66811	180	top	.1u
63	C660	C0402	c0402	24.19339	2.72984	180	top	.1u
63	C662	C0402	c0402	24.19339	2.62984	180	top	.1u
63	C669	C0402	c0402	23.91941	2.27783	0	top	.1u

63	C671	C0402	c0402	23.91941	2.14783	0	top	.1u
63	C673	C0402	c0402	23.91941	2.18283	0	top	.1u
63	C675	C0402	c0402	23.91839	2.23083	0	top	.1u
63	C7	C0402	c0402	23.628	2.566	180	top	.1u
63	CA1	C0402	c0402	2.168	1.293	270	top	.1u
63	CA10	C0402	c0402	2.323	1.446	0	top	.1u
63	CA11	C0402	c0402	2.403	1.446	0	top	.1u
63	CA12	C0402	c0402	2.12	1.665	180	top	.1u
63	CA17	C0402	c0402	2.12	1.56	180	top	.1u
63	CA18	C0402	c0402	2.505	1.595	0	top	.1u
63	CA19	C0402	c0402	2.505	1.63	0	top	.1u
63	CA3	C0402	c0402	2.264	1.293	270	top	.1u
63	CA5	C0402	c0402	2.432	1.294	270	top	.1u
63	CA7	C0402	c0402	2.53	1.293	270	top	.1u
63	CA8	C0402	c0402	2.248	1.446	180	top	.1u
63	CB1	C0402	c0402	6.366	1.277	270	top	.1u
63	CB10	C0402	c0402	6.562	1.425	0	top	.1u
63	CB11	C0402	c0402	6.642	1.425	0	top	.1u
63	CB12	C0402	c0402	6.776	1.53	0	top	.1u
63	CB18	C0402	c0402	6.741	1.575	0	top	.1u
63	CB19	C0402	c0402	6.741	1.61	0	top	.1u
63	CB3	C0402	c0402	6.467	1.28	270	top	.1u
63	CB5	C0402	c0402	6.636	1.279	270	top	.1u
63	CB7	C0402	c0402	6.731	1.28	270	top	.1u
63	CB8	C0402	c0402	6.487	1.425	180	top	.1u
63	CC1	C0402	c0402	10.944	1.275	270	top	.1u
63	CC10	C0402	c0402	11.103	1.42	0	top	.1u
63	CC11	C0402	c0402	11.183	1.42	0	top	.1u
63	CC12	C0402	c0402	10.898	1.627	180	top	.1u
63	CC17	C0402	c0402	10.898	1.522	180	top	.1u
63	CC18	C0402	c0402	11.283	1.557	0	top	.1u
63	CC19	C0402	c0402	11.283	1.592	0	top	.1u
63	CC3	C0402	c0402	11.043	1.274	270	top	.1u
63	CC5	C0402	c0402	11.209	1.275	270	top	.1u
63	CC7	C0402	c0402	11.308	1.276	270	top	.1u
63	CC8	C0402	c0402	11.028	1.42	180	top	.1u
63	CD1	C0402	c0402	15.464	1.23	270	top	.1u
63	CD10	C0402	c0402	15.663	1.369	0	top	.1u
63	CD11	C0402	c0402	15.743	1.369	0	top	.1u

63	CD12	C0402	c0402	15.877	1.469	0	top	.1u
63	CD18	C0402	c0402	15.842	1.514	0	top	.1u
63	CD19	C0402	c0402	15.842	1.549	0	top	.1u
63	CD3	C0402	c0402	15.559	1.23	270	top	.1u
63	CD5	C0402	c0402	15.737	1.233	270	top	.1u
63	CD7	C0402	c0402	15.821	1.233	270	top	.1u
63	CD8	C0402	c0402	15.588	1.369	180	top	.1u
63	CE1	C0402	c0402	18.146	1.271	270	top	.1u
63	CE10	C0402	c0402	18.309	1.382	0	top	.1u
63	CE11	C0402	c0402	18.388	1.417	0	top	.1u
63	CE17	C0402	c0402	18.524	1.507	0	top	.1u
63	CE18	C0402	c0402	18.489	1.552	0	top	.1u
63	CE19	C0402	c0402	18.489	1.587	0	top	.1u
63	CE3	C0402	c0402	18.248	1.271	270	top	.1u
63	CE5	C0402	c0402	18.418	1.271	270	top	.1u
63	CE7	C0402	c0402	18.511	1.271	270	top	.1u
63	CE8	C0402	c0402	18.232	1.417	180	top	.1u
63	CF1	C0402	c0402	22.661	1.277	270	top	.1u
63	CF10	C0402	c0402	22.857	1.394	0	top	.1u
63	CF11	C0402	c0402	22.937	1.429	0	top	.1u
63	CF18	C0402	c0402	23.037	1.564	0	top	.1u
63	CF19	C0402	c0402	23.037	1.599	0	top	.1u
63	CF3	C0402	c0402	22.757	1.277	270	top	.1u
63	CF5	C0402	c0402	22.931	1.277	270	top	.1u
63	CF7	C0402	c0402	23.026	1.277	270	top	.1u
63	CF8	C0402	c0402	22.782	1.429	180	top	.1u
63	CG1	C0402	c0402	4.453	2.664	90	top	.1u
63	CG10	C0402	c0402	4.281	2.514	180	top	.1u
63	CG11	C0402	c0402	4.203	2.504	180	top	.1u
63	CG12	C0402	c0402	4.46	2.285	0	top	.1u
63	CG17	C0402	c0402	4.46	2.38	0	top	.1u
63	CG18	C0402	c0402	4.065	2.345	180	top	.1u
63	CG19	C0402	c0402	4.065	2.31	180	top	.1u
63	CG3	C0402	c0402	4.353	2.663	90	top	.1u
63	CG5	C0402	c0402	4.182	2.664	90	top	.1u
63	CG7	C0402	c0402	4.088	2.664	90	top	.1u
63	CG8	C0402	c0402	4.361	2.503	0	top	.1u
63	CH1	C0402	c0402	9.02	2.666	90	top	.1u
63	CH10	C0402	c0402	8.806	2.516	180	top	.1u

63	CH11	C0402	c0402	8.727	2.516	180	top	.1u
63	CH17	C0402	c0402	8.985	2.397	0	top	.1u
63	CH18	C0402	c0402	8.59	2.362	180	top	.1u
63	CH19	C0402	c0402	8.59	2.327	180	top	.1u
63	CH3	C0402	c0402	8.937	2.665	90	top	.1u
63	CH5	C0402	c0402	8.736	2.665	90	top	.1u
63	CH7	C0402	c0402	8.65	2.665	90	top	.1u
63	CH8	C0402	c0402	8.889	2.517	0	top	.1u
63	CJ1	C0402	c0402	13.574	2.665	90	top	.1u
63	CJ10	C0402	c0402	13.415	2.552	180	top	.1u
63	CJ11	C0402	c0402	13.338	2.512	180	top	.1u
63	CJ17	C0402	c0402	13.595	2.4	0	top	.1u
63	CJ18	C0402	c0402	13.2	2.365	180	top	.1u
63	CJ19	C0402	c0402	13.2	2.33	180	top	.1u
63	CJ3	C0402	c0402	13.485	2.664	90	top	.1u
63	CJ5	C0402	c0402	13.318	2.664	90	top	.1u
63	CJ7	C0402	c0402	13.221	2.664	90	top	.1u
63	CJ8	C0402	c0402	13.5	2.513	0	top	.1u
63	CK1	C0402	c0402	18.186	2.665	90	top	.1u
63	CK10	C0402	c0402	17.98	2.555	180	top	.1u
63	CK11	C0402	c0402	17.908	2.518	180	top	.1u
63	CK17	C0402	c0402	17.764	2.402	180	top	.1u
63	CK18	C0402	c0402	17.764	2.362	180	top	.1u
63	CK19	C0402	c0402	17.764	2.327	180	top	.1u
63	CK3	C0402	c0402	18.089	2.665	90	top	.1u
63	CK5	C0402	c0402	17.921	2.665	90	top	.1u
63	CK7	C0402	c0402	17.822	2.665	90	top	.1u
63	CK8	C0402	c0402	18.06	2.517	0	top	.1u
63	CL1	C0402	c0402	22.724	2.664	90	top	.1u
63	CL10	C0402	c0402	22.554	2.56	180	top	.1u
63	CL11	C0402	c0402	22.473	2.519	180	top	.1u
63	CL12	C0402	c0402	18.159	2.397	0	top	.1u
63	CL17	C0402	c0402	22.33	2.385	180	top	.1u
63	CL18	C0402	c0402	22.33	2.345	180	top	.1u
63	CL19	C0402	c0402	22.33	2.31	180	top	.1u
63	CL3	C0402	c0402	22.624	2.664	90	top	.1u
63	CL5	C0402	c0402	22.454	2.664	90	top	.1u
63	CL7	C0402	c0402	22.351	2.664	90	top	.1u
63	CL8	C0402	c0402	22.633	2.518	0	top	.1u

63	CM1	C0402	c0402	26.939	2.663	90	top	.1u
63	CM10	C0402	c0402	26.761	2.559	180	top	.1u
63	CM11	C0402	c0402	26.686	2.519	180	top	.1u
63	CM17	C0402	c0402	26.935	2.385	0	top	.1u
63	CM18	C0402	c0402	26.54	2.35	180	top	.1u
63	CM19	C0402	c0402	26.54	2.315	180	top	.1u
63	CM3	C0402	c0402	26.834	2.663	90	top	.1u
63	CM5	C0402	c0402	26.667	2.663	90	top	.1u
63	CM7	C0402	c0402	26.567	2.662	90	top	.1u
63	CM8	C0402	c0402	26.844	2.519	0	top	.1u
63	CN0	C0402	c0402	12.473	1.483	180	top	.1u
63	CN10	C0402	c0402	9.888	2.729	180	top	.1u
63	CN12	C0402	c0402	13.902	2.541	180	top	.1u
63	CN14	C0402	c0402	14.293	2.546	180	top	.1u
63	CN2	C0402	c0402	12.83	1.486	180	top	.1u
63	CN4	C0402	c0402	17.01	1.622	180	top	.1u
63	CN6	C0402	c0402	17.335	1.622	180	top	.1u
63	CN8	C0402	c0402	9.504	2.724	180	top	.1u
63	CP1	C0402	c0402	13.822	0.928	180	top	.1u
63	CP11	C0402	c0402	13.817	0.412	180	top	.1u
63	CP12	C0402	c0402	13.502	0.449	180	top	.1u
63	CP13	C0402	c0402	13.913	0.594	0	top	.1u
63	CP14	C0402	c0402	13.913	0.559	0	top	.1u
63	CP18	C0402	c0402	20.562	0.847	0	top	.1u
63	CP19	C0402	c0402	20.562	0.812	0	top	.1u
63	CP2	C0402	c0402	13.502	0.963	180	top	.1u
63	CP23	C0402	c0402	20.565	0.586	0	top	.1u
63	CP24	C0402	c0402	20.565	0.551	0	top	.1u
63	CP28	C0402	c0402	20.566	0.335	0	top	.1u
63	CP29	C0402	c0402	20.566	0.3	0	top	.1u
63	CP3	C0402	c0402	13.913	1.104	0	top	.1u
63	CP31	C0402	c0402	11.37	3.364	0	top	.1u
63	CP33	C0402	c0402	11.265	3.179	180	top	.1u
63	CP34	C0402	c0402	11.265	3.214	180	top	.1u
63	CP36	C0402	c0402	11.372	3.111	0	top	.1u
63	CP38	C0402	c0402	11.266	2.928	180	top	.1u
63	CP39	C0402	c0402	11.266	2.964	180	top	.1u
63	CP4	C0402	c0402	13.913	1.069	0	top	.1u
63	CP41	C0402	c0402	11.369	2.854	0	top	.1u

63	CP43	C0402	c0402	11.265	2.659	180	top	.1u
63	CP44	C0402	c0402	11.265	2.694	180	top	.1u
63	CP46	C0402	c0402	18.882	3.622	0	top	.1u
63	CP48	C0402	c0402	18.783	3.43	180	top	.1u
63	CP49	C0402	c0402	18.783	3.465	180	top	.1u
63	CP51	C0402	c0402	18.89	3.307	0	top	.1u
63	CP53	C0402	c0402	18.791	3.123	180	top	.1u
63	CP54	C0402	c0402	18.791	3.158	180	top	.1u
63	CP56	C0402	c0402	18.895	3.047	0	top	.1u
63	CP58	C0402	c0402	18.791	2.87	180	top	.1u
63	CP59	C0402	c0402	18.791	2.905	180	top	.1u
63	CP6	C0402	c0402	13.821	0.668	180	top	.1u
63	CP7	C0402	c0402	13.502	0.703	180	top	.1u
63	CP8	C0402	c0402	13.913	0.843	0	top	.1u
63	CP9	C0402	c0402	13.913	0.807	0	top	.1u
63	C16	C0402	c0402	25.335	1.855	0	top	0.1u
63	C167	C0402	c0402	24.845	1.245	180	top	0.1u
63	C178	C0402	c0402	25.135	1.855	180	top	0.1u
63	C181	C0402	c0402	25.235	1.855	0	top	0.1u
63	C182	C0402	c0402	25.035	1.885	90	top	0.1u
63	C184	C0402	c0402	23.95142	2.62984	0	top	0.1u
63	C185	C0402	c0402	18.798	3.323	0	top	0.1u
63	C186	C0402	c0402	18.788	3.641	0	top	0.1u
63	C2	C0402	c0402	24.79	1.32	180	top	0.1u
63	C20	C0402	c0402	25.035	1.63	270	top	0.1u
63	C250	C0402	c0402	23.596	3.413	270	top	0.1u
63	C251	C0402	c0402	23.637	2.498	270	top	0.1u
63	C26	C0402	c0402	25.335	1.705	0	top	0.1u
63	C28	C0402	c0402	25.335	1.755	0	top	0.1u
63	C30	C0402	c0402	25.335	1.805	0	top	0.1u
63	C35	C0402	c0402	23.50118	1.46283	90	top	0.1u
63	C6	C0402	c0402	24.79	1.28	180	top	0.1u
63	C617	C0402	c0402	24.22307	3.55169	180	top	0.1u
63	C645	C0402	c0402	19.63953	3.06433	270	top	0.1u
63	C66	C0402	c0402	23.95142	2.73083	0	top	0.1u
63	C667	C0402	c0402	24.219	2.583	180	top	0.1u
63	C684	C0402	c0402	8.985	2.302	0	top	0.1u
63	C689	C0402	c0402	24.24441	2.33185	180	top	0.1u
63	C701	C0402	c0402	25.53	1.805	180	top	0.1u

63	C702	C0402	c0402	25.535	1.189	180	top	0.1u
63	C704	C0402	c0402	25.535	1.255	180	top	0.1u
63	C705	C0402	c0402	25.535	1.705	180	top	0.1u
63	C707	C0402	c0402	25.585	1.405	180	top	0.1u
63	C708	C0402	c0402	23.5002	1.72583	90	top	0.1u
63	C710	C0402	c0402	25.535	1.755	180	top	0.1u
63	C711	C0402	c0402	25.675	0.575	180	top	0.1u
63	C713	C0402	c0402	25.58	1.655	180	top	0.1u
63	C714	C0402	c0402	25.725	0.875	180	top	0.1u
63	C716	C0402	c0402	25.675	0.975	180	top	0.1u
63	C717	C0402	c0402	25.676	0.475	180	top	0.1u
63	C726	C0402	c0402	24.195	2.793	180	top	0.1u
63	C727	C0402	c0402	24.172	3.76	180	top	0.1u
63	C729	C0402	c0402	24.17039	2.23083	180	top	0.1u
63	C730	C0402	c0402	24.17106	3.64969	180	top	0.1u
63	C732	C0402	c0402	24.19705	3.25071	180	top	0.1u
63	C733	C0402	c0402	24.371	3.65	0	top	0.1u
63	C735	C0402	c0402	24.366	2.731	0	top	0.1u
63	C736	C0402	c0402	24.17039	2.27984	180	top	0.1u
63	C738	C0402	c0402	24.19539	2.67882	180	top	0.1u
63	C739	C0402	c0402	24.17205	3.70169	180	top	0.1u
63	C741	C0402	c0402	24.19705	3.20071	180	top	0.1u
63	C742	C0402	c0402	24.369	2.281	0	top	0.1u
63	C752	C0402	c0402	17.48	1.218	0	top	0.1u
63	C756	C0402	c0402	17.026	0.418	0	top	0.1u
63	C758	C0402	c0402	13.163	0.977	0	top	0.1u
63	C760	C0402	c0402	12.379	0.486	180	top	0.1u
63	C761	C0402	c0402	16.696	0.733	0	top	0.1u
63	C763	C0402	c0402	16.693	0.647	180	top	0.1u
63	C769	C0402	c0402	12.376	0.702	180	top	0.1u
63	C784	C0402	c0402	10.232	3.456	0	top	0.1u
63	C787	C0402	c0402	13.845	3.41	0	top	0.1u
63	C794	C0402	c0402	14.633	3.39	0	top	0.1u
63	C80	C0402	c0402	23.66	2.787	90	top	0.1u
63	C806	C0402	c0402	16.6947	0.8872	180	top	0.1u
63	C810	C0402	c0402	13.129	0.31	0	top	0.1u
63	C811	C0402	c0402	13.029	0.31	180	top	0.1u
63	C827	C0402	c0402	10.232	3.325	0	top	0.1u
63	C829	C0402	c0402	10.232	3.268	0	top	0.1u

63	C843	C0402	c0402	23.94606	3.1487	0	top	0.1u
63	C844	C0402	c0402	23.94705	3.24969	0	top	0.1u
63	C845	C0402	c0402	23.69	3.21	0	top	0.1u
63	C846	C0402	c0402	23.94705	3.1987	0	top	0.1u
63	C858	C0402	c0402	6.356	1.54	180	top	0.1u
63	C860	C0402	c0402	23.072	1.519	0	top	0.1u
63	C861	C0402	c0402	2.54	1.55	0	top	0.1u
63	C862	C0402	c0402	18.104	1.622	180	top	0.1u
63	C863	C0402	c0402	22.652	1.529	180	top	0.1u
63	C866	C0402	c0402	15.457	1.584	180	top	0.1u
63	C868	C0402	c0402	6.356	1.645	180	top	0.1u
63	C871	C0402	c0402	11.318	1.512	0	top	0.1u
63	C876	C0402	c0402	26.54	2.39	180	top	0.1u
63	C880	C0402	c0402	13.2	2.405	180	top	0.1u
63	C881	C0402	c0402	4.065	2.385	180	top	0.1u
63	C883	C0402	c0402	18.159	2.302	0	top	0.1u
63	C884	C0402	c0402	23.40815	2.27283	180	top	0.1u
63	C887	C0402	c0402	23.405	2.165	180	top	0.1u
63	C889	C0402	c0402	23.405	2.235	180	top	0.1u
63	C891	C0402	c0402	26.935	2.29	0	top	0.1u
63	C893	C0402	c0402	23.405	2.2	180	top	0.1u
63	CZ9	C0402	c0402	19.64551	3.33031	90	top	0.1u
64	CA0	C0402	c0402	2.133	1.293	270	top	1u
64	CA15	C0402	c0402	2.12	1.603	0	top	1u
64	CA2	C0402	c0402	2.229	1.293	270	top	1u
64	CA4	C0402	c0402	2.397	1.294	270	top	1u
64	CA6	C0402	c0402	2.495	1.293	270	top	1u
64	CB0	C0402	c0402	6.401	1.277	270	top	1u
64	CB15	C0402	c0402	6.356	1.583	0	top	1u
64	CB2	C0402	c0402	6.502	1.28	270	top	1u
64	CB4	C0402	c0402	6.671	1.279	270	top	1u
64	CB6	C0402	c0402	6.766	1.28	270	top	1u
64	CC0	C0402	c0402	10.909	1.275	270	top	1u
64	CC15	C0402	c0402	10.898	1.565	0	top	1u
64	CC2	C0402	c0402	11.008	1.274	270	top	1u
64	CC4	C0402	c0402	11.174	1.275	270	top	1u
64	CC6	C0402	c0402	11.273	1.276	270	top	1u
64	CD0	C0402	c0402	15.499	1.23	270	top	1u
64	CD15	C0402	c0402	15.457	1.522	0	top	1u

64	CD2	C0402	c0402	15.594	1.23	270	top	1u
64	CD4	C0402	c0402	15.772	1.233	270	top	1u
64	CD6	C0402	c0402	15.856	1.233	270	top	1u
64	CE0	C0402	c0402	18.111	1.271	270	top	1u
64	CE15	C0402	c0402	18.104	1.56	0	top	1u
64	CE2	C0402	c0402	18.213	1.271	270	top	1u
64	CE4	C0402	c0402	18.383	1.271	270	top	1u
64	CE6	C0402	c0402	18.476	1.271	270	top	1u
64	CF0	C0402	c0402	22.696	1.277	270	top	1u
64	CF15	C0402	c0402	22.652	1.572	0	top	1u
64	CF2	C0402	c0402	22.792	1.277	270	top	1u
64	CF4	C0402	c0402	22.966	1.277	270	top	1u
64	CF6	C0402	c0402	23.061	1.277	270	top	1u
64	CG0	C0402	c0402	4.488	2.664	90	top	1u
64	CG15	C0402	c0402	4.46	2.32	0	top	1u
64	CG2	C0402	c0402	4.388	2.663	90	top	1u
64	CG4	C0402	c0402	4.217	2.664	90	top	1u
64	CG6	C0402	c0402	4.123	2.664	90	top	1u
64	CH0	C0402	c0402	8.985	2.666	90	top	1u
64	CH15	C0402	c0402	8.985	2.337	0	top	1u
64	CH2	C0402	c0402	8.902	2.665	90	top	1u
64	CH4	C0402	c0402	8.701	2.665	90	top	1u
64	CH6	C0402	c0402	8.615	2.665	90	top	1u
64	CJ0	C0402	c0402	13.609	2.665	90	top	1u
64	CJ15	C0402	c0402	13.595	2.34	0	top	1u
64	CJ2	C0402	c0402	13.52	2.664	90	top	1u
64	CJ4	C0402	c0402	13.353	2.664	90	top	1u
64	CJ6	C0402	c0402	13.256	2.664	90	top	1u
64	CK0	C0402	c0402	18.151	2.665	90	top	1u
64	CK15	C0402	c0402	18.159	2.337	0	top	1u
64	CK2	C0402	c0402	18.054	2.665	90	top	1u
64	CK4	C0402	c0402	17.886	2.665	90	top	1u
64	CK6	C0402	c0402	17.787	2.665	90	top	1u
64	CL0	C0402	c0402	22.759	2.664	90	top	1u
64	CL15	C0402	c0402	22.725	2.32	0	top	1u
64	CL2	C0402	c0402	22.659	2.664	90	top	1u
64	CL4	C0402	c0402	22.489	2.664	90	top	1u
64	CL6	C0402	c0402	22.386	2.664	90	top	1u
64	CM0	C0402	c0402	26.974	2.663	90	top	1u

64	CM15	C0402	c0402	26.935	2.325	0	top	1u
64	CM2	C0402	c0402	26.869	2.663	90	top	1u
64	CM4	C0402	c0402	26.702	2.663	90	top	1u
64	CM6	C0402	c0402	26.602	2.662	90	top	1u
65	CP60	C0402	c0402	13.978	1.035	90	top	2.2u
65	CP61	C0402	c0402	13.972	0.76	90	top	2.2u
65	CP62	C0402	c0402	13.968	0.524	90	top	2.2u
65	CP63	C0402	c0402	20.636	0.77	90	top	2.2u
65	CP64	C0402	c0402	20.639	0.511	90	top	2.2u
65	CP65	C0402	c0402	20.675	0.256	90	top	2.2u
65	CP66	C0402	c0402	11.202	3.264	270	top	2.2u
65	CP67	C0402	c0402	11.204	3.008	270	top	2.2u
65	CP68	C0402	c0402	11.2	2.751	270	top	2.2u
65	CP69	C0402	c0402	18.801	3.521	270	top	2.2u
65	CP70	C0402	c0402	18.734	3.206	270	top	2.2u
65	CP71	C0402	c0402	18.74	2.963	270	top	2.2u
65	CA9	C0402	c0402	2.323	1.411	0	top	2u2
65	CB9	C0402	c0402	6.562	1.39	0	top	2u2
65	CC9	C0402	c0402	11.103	1.385	0	top	2u2
65	CD16	C0402	c0402	15.457	1.479	180	top	2u2
65	CD9	C0402	c0402	15.663	1.334	0	top	2u2
65	CE16	C0402	c0402	18.104	1.517	180	top	2u2
65	CE9	C0402	c0402	18.309	1.417	0	top	2u2
65	CF16	C0402	c0402	22.652	1.634	180	top	2u2
65	CF9	C0402	c0402	22.857	1.429	0	top	2u2
65	CG9	C0402	c0402	4.281	2.554	180	top	2u2
65	CH16	C0402	c0402	8.59	2.402	180	top	2u2
65	CH9	C0402	c0402	8.805	2.554	180	top	2u2
65	CJ16	C0402	c0402	13.595	2.305	0	top	2u2
65	CJ9	C0402	c0402	13.415	2.512	180	top	2u2
65	CK9	C0402	c0402	17.983	2.518	180	top	2u2
65	CL16	C0402	c0402	22.725	2.38	0	top	2u2
65	CL9	C0402	c0402	22.554	2.52	180	top	2u2
65	CM9	C0402	c0402	26.761	2.519	180	top	2u2
66	C107	C0402	c0402	14.793	3.713	0	top	4.7u
66	C212	C0402	c0402	13.018	0.218	0	top	4.7u
66	C232	C0402	c0402	17.413	0.397	0	top	4.7u
66	C272	C0402	c0402	10.033	3.802	0	top	4.7u
66	CP10	C0402	c0402	13.579	0.928	180	top	4.7u

66	CP30	C0402	c0402	11.19	3.374	180	top	4.7u
66	CP35	C0402	c0402	11.191	3.119	180	top	4.7u
66	CP40	C0402	c0402	11.19	2.86	180	top	4.7u
66	CP45	C0402	c0402	18.73	3.66	90	top	4.7u
66	CP50	C0402	c0402	18.721	3.323	180	top	4.7u
66	CP55	C0402	c0402	18.754	3.075	0	top	4.7u
68	C11	C1206	C1206	24.885	1.805	180	top	100u
68	C122	C1206	C1206	9.519	3.793	0	top	100u
68	C123	C1206	C1206	9.825	3.838	180	top	100u
68	C124	C1206	C1206	17.206	0.446	180	top	100u
68	C168	C1206	C1206	24.85	1.395	180	top	100u
68	C196	C1206	C1206	19.55453	3.03732	270	top	100u
68	C197	C1206	C1206	23.405	1.475	270	top	100u
68	C215	C1206	C1206	12.78	0.19	0	top	100u
68	C216	C1206	C1206	12.64	0.285	0	top	100u
68	C235	C1206	C1206	16.811	0.432	0	top	100u
68	C236	C1206	C1206	15.05	3.773	0	top	100u
68	C255	C1206	C1206	23.41339	2.34283	180	top	100u
68	C275	C1206	C1206	15.258	3.774	180	top	100u
68	C31	C1206	C1206	24.885	1.705	180	top	100u
68	C4	C1206	C1206	17.943	1.587	90	top	100u
68	C5	C1206	C1206	15.295	1.583	90	top	100u
68	C505	C1206	C1206	25.06	0.92	180	top	100u
68	C507	C1206	C1206	25.06	1.025	180	top	100u
68	C522	C1206	C1206	17.52	0.365	270	top	100u
68	C526	C1206	C1206	13.24	0.235	0	top	100u
68	C551	C1206	C1206	20.231	0.13	0	top	100u
68	C572	C1206	C1206	24.99	1.215	180	top	100u
68	C586	C1206	C1206	22.894	2.242	270	top	100u
68	C607	C1206	C1206	23.52504	3.62169	180	top	100u
68	C61	C1206	C1206	23.542	2.732	180	top	100u
68	C620	C1206	C1206	23.52504	3.26169	180	top	100u
68	C64	C1206	C1206	23.542	2.631	180	top	100u
68	C670	C1206	C1206	23.61374	2.17138	180	top	100u
68	C685	C1206	C1206	26.99	2.07	0	top	100u
68	C803	C1206	C1206	25.065	0.565	180	top	100u
68	C823	C1206	C1206	13.297	0.351	0	top	100u
68	C825	C1206	C1206	14.939	3.666	0	top	100u
68	C828	C1206	C1206	23.52504	3.16669	180	top	100u

68	C848	C1206	C1206	10.184	3.837	0	top	100u
68	C850	C1206	C1206	23.2	1.65	90	top	100u
68	C853	C1206	C1206	10.76	1.617	90	top	100u
68	C872	C1206	C1206	6.215	1.645	90	top	100u
68	C873	C1206	C1206	1.978	1.666	90	top	100u
68	C875	C1206	C1206	17.629	2.273	270	top	100u
68	C878	C1206	C1206	13.063	2.284	270	top	100u
68	C897	C1206	C1206	8.453	2.27	270	top	100u
68	C898	C1206	C1206	3.933	2.226	270	top	100u
69	C189	C1210	C1210	23.395	1.725	90	top	100u
69	C247	C1210	C1210	19.475	3.26	180	top	100u
69	C509	C1210	C1210	25.875	1.655	270	top	100u
69	C511	C1210	C1210	26	0.58	90	top	100u
69	C563	C1210	C1210	25.875	1.365	90	top	100u
69	C565	C1210	C1210	26	0.885	270	top	100u
69	C659	C1210	C1210	24.5	2.265	90	top	100u
69	C661	C1210	C1210	24.495	3.59	270	top	100u
69	C665	C1210	C1210	24.495	3.24	90	top	100u
69	CZ12	C1210	C1210	24.5	2.6	270	top	100u
69	CZ17	C1210	C1210	25.28	2.565	270	top	100u
70	B0	F0603	F0603	13.938	0.957	180	top	
70	B1	F0603	F0603	13.933	0.692	180	top	
70	B10	F0603	F0603	18.781	3.282	0	top	
70	B103	F0603	F0603	23.6024	2.25783	180	top	
70	B11	F0603	F0603	18.771	3.033	0	top	
70	B12	F0603	F0603	24.965	1.305	180	top	
70	B13	F0603	F0603	15.157	3.702	0	top	
70	B14	F0603	F0603	14.773	3.663	0	top	
70	B15	F0603	F0603	13	0.265	0	top	
70	B16	F0603	F0603	12.82	0.27	0	top	
70	B17	F0603	F0603	17.394	0.44	0	top	
70	B18	F0603	F0603	17.045	0.468	180	top	
70	B19	F0603	F0603	2.054	1.7	90	top	
70	B2	F0603	F0603	13.931	0.449	180	top	
70	B20	F0603	F0603	10.018	3.842	0	top	
70	B21	F0603	F0603	9.689	3.768	0	top	
70	B22	F0603	F0603	10.836	1.651	90	top	
70	B23	F0603	F0603	6.292	1.682	90	top	
70	B24	F0603	F0603	23.123	1.688	90	top	

70	B25	F0603	F0603	18.018	1.622	90	top	
70	B26	F0603	F0603	15.373	1.61	90	top	
70	B27	F0603	F0603	8.53	2.233	270	top	
70	B28	F0603	F0603	13.137	2.246	270	top	
70	B29	F0603	F0603	4.009	2.193	270	top	
70	B3	F0603	F0603	20.628	0.19	180	top	
70	B30	F0603	F0603	22.807	2.209	270	top	
70	B31	F0603	F0603	26.905	2.145	180	top	
70	B32	F0603	F0603	17.704	2.236	270	top	
70	B4	F0603	F0603	20.606	0.703	180	top	
70	B5	F0603	F0603	20.633	0.435	180	top	
70	B6	F0603	F0603	11.245	2.817	0	top	
70	B7	F0603	F0603	11.245	3.334	0	top	
70	B8	F0603	F0603	11.246	3.079	0	top	
70	B9	F0603	F0603	18.77	3.595	0	top	
71	T1	DRQ127	DRQ127	19.9565	3.20232	0	top	
71	T2	DRQ127	DRQ127	23.81319	1.59681	0	top	
100	RA11	R0402	R0402	2.248	1.411	0	top	DNI
100	RA13	R0402	R0402	2.478	1.411	0	top	DNI
100	RA7	R0402	R0402	2.168	1.411	180	top	DNI
100	RA9	R0402	R0402	2.403	1.411	180	top	DNI
100	RB11	R0402	R0402	6.487	1.39	0	top	DNI
100	RB13	R0402	R0402	6.717	1.39	0	top	DNI
100	RB7	R0402	R0402	6.407	1.39	180	top	DNI
100	RB9	R0402	R0402	6.642	1.39	180	top	DNI
100	RC11	R0402	R0402	11.028	1.385	0	top	DNI
100	RC13	R0402	R0402	11.258	1.385	0	top	DNI
100	RC7	R0402	R0402	10.948	1.385	180	top	DNI
100	RC9	R0402	R0402	11.183	1.385	180	top	DNI
100	RD12	R0402	R0402	15.588	1.334	0	top	DNI
100	RD13	R0402	R0402	15.818	1.334	0	top	DNI
100	RD7	R0402	R0402	15.508	1.334	180	top	DNI
100	RD9	R0402	R0402	15.743	1.334	180	top	DNI
100	RE11	R0402	R0402	18.232	1.382	0	top	DNI
100	RE13	R0402	R0402	18.463	1.382	0	top	DNI
100	RE7	R0402	R0402	18.152	1.381	180	top	DNI
100	RE9	R0402	R0402	18.388	1.382	180	top	DNI
100	RF11	R0402	R0402	22.782	1.394	0	top	DNI
100	RF13	R0402	R0402	23.012	1.394	0	top	DNI

100	RF7	R0402	R0402	22.702	1.394	180	top	DNI
100	RF9	R0402	R0402	22.937	1.394	180	top	DNI
100	RG11	R0402	R0402	4.362	2.54	180	top	DNI
100	RG13	R0402	R0402	4.123	2.54	180	top	DNI
100	RG7	R0402	R0402	4.446	2.54	0	top	DNI
100	RG9	R0402	R0402	4.203	2.54	0	top	DNI
100	RH11	R0402	R0402	8.889	2.555	180	top	DNI
100	RH13	R0402	R0402	8.654	2.555	180	top	DNI
100	RH7	R0402	R0402	8.969	2.555	0	top	DNI
100	RH9	R0402	R0402	8.729	2.555	0	top	DNI
100	RJ11	R0402	R0402	13.5	2.552	180	top	DNI
100	RJ13	R0402	R0402	13.265	2.552	180	top	DNI
100	RJ7	R0402	R0402	13.58	2.552	0	top	DNI
100	RJ9	R0402	R0402	13.34	2.552	0	top	DNI
100	RK11	R0402	R0402	18.065	2.555	180	top	DNI
100	RK13	R0402	R0402	17.83	2.555	180	top	DNI
100	RK7	R0402	R0402	18.145	2.555	0	top	DNI
100	RK9	R0402	R0402	17.905	2.555	0	top	DNI
100	RL11	R0402	R0402	22.633	2.559	180	top	DNI
100	RL13	R0402	R0402	22.398	2.559	180	top	DNI
100	RL7	R0402	R0402	22.713	2.559	0	top	DNI
100	RL9	R0402	R0402	22.473	2.559	0	top	DNI
100	RM11	R0402	R0402	26.846	2.559	180	top	DNI
100	RM13	R0402	R0402	26.611	2.559	180	top	DNI
100	RM7	R0402	R0402	26.926	2.559	0	top	DNI
100	RM9	R0402	R0402	26.686	2.559	0	top	DNI
101	TP0	tp060	tp060	12.39	0.195	0	top	DNI
101	TP1	tp060	tp060	12.465	0.195	0	top	DNI
101	TP10	tp060	tp060	16.459	0.252	0	top	DNI
101	TP100	tp060	tp060	13.096	0.249	0	top	DNI
101	TP102	tp060	tp060	0.53	1.89	0	top	DNI
101	TP104	tp060	tp060	23.6924	2.62783	0	top	DNI
101	TP106	tp060	tp060	19.64051	3.14031	0	top	DNI
101	TP108	tp060	tp060	23.69004	3.60669	0	top	DNI
101	TP11	tp060	tp060	16.544	0.252	0	top	DNI
101	TP114	tp060	tp060	23.69	3.155	0	top	DNI
101	TP117	tp060	tp060	0.46	3.195	0	top	DNI
101	TP118	tp060	tp060	20.362	0.12	0	top	DNI
101	TP119	tp060	tp060	2.565	3.035	0	top	DNI

101	TP120	tp060	tp060	24.93	0.565	0	top	DNI
101	TP121	tp060	tp060	5.005	1.08	0	top	DNI
101	TP122	tp060	tp060	24.625	3.66	0	top	DNI
101	TP13	tp060	tp060	6.525	3.61	0	top	DNI
101	TP14	tp060	tp060	23.396	3.4	0	top	DNI
101	TP15	tp060	tp060	20.2685	3.34331	180	top	DNI
101	TP16	tp060	tp060	9.679	3.826	0	top	DNI
101	TP17	tp060	tp060	20.27	3.2	0	top	DNI
101	TP18	tp060	tp060	23.69	3.265	0	top	DNI
101	TP19	tp060	tp060	24.13071	1.75138	0	top	DNI
101	TP2	tp060	tp060	0.535	3.195	0	top	DNI
101	TP20	tp060	tp060	25.63	2.53	0	top	DNI
101	TP21	tp060	tp060	24.13327	1.58839	0	top	DNI
101	TP22	tp060	tp060	26.765	1.66	0	top	DNI
101	TP24	tp060	tp060	25.19	1.02	0	top	DNI
101	TP27	tp060	tp060	25.2	0.57	0	top	DNI
101	TP3	tp060	tp060	23.50319	1.65083	180	top	DNI
101	TP30	tp060	tp060	10.426	3.809	0	top	DNI
101	TP31	tp060	tp060	10.351	3.809	0	top	DNI
101	TP32	tp060	tp060	0.455	1.89	0	top	DNI
101	TP4	tp060	tp060	24.865	0.74	0	top	DNI
101	TP40	tp060	tp060	14.832	3.793	0	top	DNI
101	TP41	tp060	tp060	14.752	3.793	0	top	DNI
101	TP46	tp060	tp060	24.86	1.305	0	top	DNI
101	TP49	tp060	tp060	26.765	1.76	0	top	DNI
101	TP5	tp060	tp060	23.5002	1.53583	0	top	DNI
101	TP50	tp060	tp060	25.035	1.705	0	top	DNI
101	TP52	tp060	tp060	25.065	1.305	0	top	DNI
101	TP56	tp060	tp060	19.64453	3.25933	0	top	DNI
101	TP60	tp060	tp060	23.4924	2.25783	0	top	DNI
101	TP62	tp060	tp060	23.6924	2.70283	0	top	DNI
101	TP7	tp060	tp060	25.015	0.735	0	top	DNI
101	TP72	tp060	tp060	25.995	1.285	0	top	DNI
101	TP74	tp060	tp060	25.51	2.53	0	top	DNI
101	TP76	tp060	tp060	25.19	0.925	0	top	DNI
101	TP78	tp060	tp060	23.69	3.69	0	top	DNI
101	TP8	tp060	tp060	23.251	3.4	0	top	DNI
101	TP90	tp060	tp060	25.035	1.81	0	top	DNI
101	TP94	tp060	tp060	16.949	0.425	0	top	DNI

6	U105	LTM4619	uModule_144	24.07205	3.42571	90	bottom	
6	U110	LTM4619	uModule_144	24.06941	2.45583	90	bottom	
6	U372	LTM4619	uModule_144	25.575	0.75	90	bottom	
6	U373	LTM4619	uModule_144	25.435	1.53	90	bottom	
7	U1	LT3759	MSOP12_TPAD	20.52157	2.98185	180	bottom	
7	U2	LT3759	MSOP12_TPAD	24.3728	1.39213	180	bottom	
13	M1	Si7848BDP	soic8_ppak	20.485	3.265	0	bottom	
13	M2	Si7848BDP	soic8_ppak	24.34	1.645	0	bottom	
30	R33	R0402	R0402	21.538	2.193	0	bottom	0
30	R34	R0402	R0402	21.531	1.741	0	bottom	0
30	RGA0	R0402	R0402	2.326	1.336	180	bottom	0
30	RGA1	R0402	R0402	6.565	1.315	180	bottom	0
30	RGA2	R0402	R0402	11.106	1.311	180	bottom	0
30	RGA3	R0402	R0402	15.665	1.258	180	bottom	0
30	RGA4	R0402	R0402	18.312	1.308	180	bottom	0
30	RGA5	R0402	R0402	22.859	1.319	180	bottom	0
30	RGB0	R0402	R0402	4.282	2.647	180	bottom	0
30	RGB1	R0402	R0402	8.807	2.63	180	bottom	0
30	RGB2	R0402	R0402	13.415	2.629	180	bottom	0
30	RGB3	R0402	R0402	17.984	2.635	180	bottom	0
30	RGB4	R0402	R0402	22.557	2.645	180	bottom	0
30	RGB5	R0402	R0402	26.764	2.638	180	bottom	0
31	R23	R0805	R0805	20.74461	3.24264	0	bottom	0.005
31	R24	R0805	R0805	24.57835	1.62276	0	bottom	0.005
33	RA0	R0402	R0402	2.253	1.145	180	bottom	51
33	RA1	R0402	R0402	2.252	1.274	0	bottom	51
33	RA2	R0402	R0402	2.41	1.274	0	bottom	51
33	RA3	R0402	R0402	2.416	1.144	180	bottom	51
33	RB0	R0402	R0402	6.464	1.134	180	bottom	51
33	RB1	R0402	R0402	6.487	1.237	0	bottom	51
33	RB2	R0402	R0402	6.647	1.237	0	bottom	51
33	RB3	R0402	R0402	6.667	1.128	180	bottom	51
33	RC0	R0402	R0402	11.059	1.13	180	bottom	51
33	RC1	R0402	R0402	11.053	1.238	0	bottom	51
33	RC2	R0402	R0402	11.188	1.238	0	bottom	51
33	RC3	R0402	R0402	11.258	1.13	180	bottom	51
33	RD0	R0402	R0402	15.561	1.084	180	bottom	51
33	RD1	R0402	R0402	15.61	1.191	0	bottom	51
33	RD2	R0402	R0402	15.718	1.191	0	bottom	51

33	RD3	R0402	R0402	15.758	1.083	180	bottom	51
33	RE0	R0402	R0402	18.21	1.119	180	bottom	51
33	RE1	R0402	R0402	18.254	1.233	0	bottom	51
33	RE2	R0402	R0402	18.361	1.233	0	bottom	51
33	RE3	R0402	R0402	18.408	1.124	180	bottom	51
33	RF0	R0402	R0402	22.761	1.129	180	bottom	51
33	RF1	R0402	R0402	22.807	1.236	0	bottom	51
33	RF2	R0402	R0402	22.911	1.236	0	bottom	51
33	RF3	R0402	R0402	22.96	1.127	180	bottom	51
33	RG0	R0402	R0402	4.391	2.813	0	bottom	51
33	RG1	R0402	R0402	4.336	2.709	180	bottom	51
33	RG2	R0402	R0402	4.236	2.711	180	bottom	51
33	RG3	R0402	R0402	4.191	2.813	0	bottom	51
33	RH0	R0402	R0402	8.909	2.814	0	bottom	51
33	RH1	R0402	R0402	8.866	2.709	180	bottom	51
33	RH2	R0402	R0402	8.766	2.708	180	bottom	51
33	RH3	R0402	R0402	8.717	2.814	0	bottom	51
33	RJ0	R0402	R0402	13.519	2.816	0	bottom	51
33	RJ1	R0402	R0402	13.472	2.707	180	bottom	51
33	RJ2	R0402	R0402	13.372	2.708	180	bottom	51
33	RJ3	R0402	R0402	13.324	2.815	0	bottom	51
33	RK0	R0402	R0402	18.087	2.814	0	bottom	51
33	RK1	R0402	R0402	18.04	2.706	180	bottom	51
33	RK2	R0402	R0402	17.938	2.707	180	bottom	51
33	RK3	R0402	R0402	17.889	2.815	0	bottom	51
33	RL0	R0402	R0402	22.656	2.814	0	bottom	51
33	RL1	R0402	R0402	22.607	2.707	180	bottom	51
33	RL2	R0402	R0402	22.506	2.708	180	bottom	51
33	RL3	R0402	R0402	22.459	2.814	0	bottom	51
33	RM0	R0402	R0402	26.866	2.82	0	bottom	51
33	RM1	R0402	R0402	26.817	2.706	180	bottom	51
33	RM2	R0402	R0402	26.72	2.708	180	bottom	51
33	RM3	R0402	R0402	26.668	2.819	0	bottom	51
35	R144	R0402	R0402	9.542	3.503	90	bottom	100
35	R146	R0402	R0402	9.562	3.365	180	bottom	100
35	R147	R0402	R0402	9.562	3.326	180	bottom	100
35	R148	R0402	R0402	9.562	3.287	180	bottom	100
35	R149	R0402	R0402	9.641	3.287	0	bottom	100
35	R150	R0402	R0402	9.562	3.405	180	bottom	100

35	RT104	R0402	R0402	13.065	0.505	270	bottom	100
35	RT106	R0402	R0402	13.046	0.642	0	bottom	100
35	RT107	R0402	R0402	13.046	0.681	0	bottom	100
35	RT108	R0402	R0402	13.046	0.722	0	bottom	100
35	RT109	R0402	R0402	12.967	0.722	180	bottom	100
35	RT110	R0402	R0402	12.494	0.604	180	bottom	100
35	RT124	R0402	R0402	17.383	0.726	270	bottom	100
35	RT126	R0402	R0402	17.363	0.863	0	bottom	100
35	RT127	R0402	R0402	17.363	0.902	0	bottom	100
35	RT128	R0402	R0402	17.363	0.943	0	bottom	100
35	RT129	R0402	R0402	17.284	0.943	180	bottom	100
35	RT130	R0402	R0402	16.811	0.824	180	bottom	100
35	RT164	R0402	R0402	13.946	3.391	90	bottom	100
35	RT166	R0402	R0402	13.965	3.253	180	bottom	100
35	RT167	R0402	R0402	13.965	3.214	180	bottom	100
35	RT168	R0402	R0402	13.965	3.175	180	bottom	100
35	RT169	R0402	R0402	14.045	3.175	0	bottom	100
35	RT170	R0402	R0402	13.965	3.293	180	bottom	100
36	RA4	R0402	R0402	2.309	1.127	90	bottom	499
36	RB4	R0402	R0402	6.585	1.107	90	bottom	499
36	RC4	R0402	R0402	11.138	1.11	90	bottom	499
36	RD4	R0402	R0402	15.687	1.065	90	bottom	499
36	RE4	R0402	R0402	18.291	1.102	90	bottom	499
36	RF4	R0402	R0402	22.881	1.107	90	bottom	499
36	RG4	R0402	R0402	4.31	2.835	270	bottom	499
36	RH4	R0402	R0402	8.795	2.835	270	bottom	499
36	RJ4	R0402	R0402	13.445	2.835	270	bottom	499
36	RK4	R0402	R0402	17.97	2.835	270	bottom	499
36	RL4	R0402	R0402	22.535	2.835	270	bottom	499
36	RM4	R0402	R0402	26.785	2.84	270	bottom	499
36	RA5	R0402	R0402	2.349	1.127	90	bottom	DNI
36	RB5	R0402	R0402	6.545	1.107	90	bottom	DNI
36	RC5	R0402	R0402	11.178	1.11	90	bottom	DNI
36	RD5	R0402	R0402	15.647	1.065	90	bottom	DNI
36	RE5	R0402	R0402	18.331	1.102	90	bottom	DNI
36	RF5	R0402	R0402	22.841	1.107	90	bottom	DNI
36	RG5	R0402	R0402	4.27	2.835	270	bottom	DNI
36	RH5	R0402	R0402	8.835	2.835	270	bottom	DNI
36	RJ5	R0402	R0402	13.405	2.835	270	bottom	DNI

36	RK5	R0402	R0402	18.01	2.835	270	bottom	DNI
36	RL5	R0402	R0402	22.57	2.835	270	bottom	DNI
36	RM5	R0402	R0402	26.745	2.84	270	bottom	DNI
37	R115	R0402	R0402	17.197	0.326	90	bottom	1k
37	R135	R0402	R0402	14.11	3.616	270	bottom	1k
44	R19	R0402	R0402	20.33	2.895	180	bottom	9.1K
44	R20	R0402	R0402	24.177	1.26	180	bottom	9.1K
45	R103	R0402	R0402	16.996	0.326	270	bottom	10k
45	R104	R0402	R0402	16.799	0.33	270	bottom	10k
45	R123	R0402	R0402	14.305	3.619	90	bottom	10k
45	R124	R0402	R0402	14.506	3.615	90	bottom	10k
45	R31	R0402	R0402	17.093	0.329	270	bottom	10k
45	R32	R0402	R0402	14.208	3.617	90	bottom	10k
47	R26	R0402	R0402	20.33	2.965	180	bottom	15.8k
47	R28	R0402	R0402	24.177	1.295	180	bottom	15.8k
48	R21	R0402	R0402	20.33028	3.03858	180	bottom	27.4K
48	R22	R0402	R0402	24.17846	1.40795	180	bottom	27.4K
50	R16	R0402	R0402	20.685	2.955	0	bottom	45.3K
50	R18	R0402	R0402	24.46039	1.27122	90	bottom	45.3K
53	R25	R0402	R0402	20.33	2.93	0	bottom	84.5k
53	R27	R0402	R0402	24.177	1.33	0	bottom	84.5k
54	R13	R0402	R0402	20.33028	3.07602	0	bottom	100k
54	R14	R0402	R0402	24.20862	1.45421	0	bottom	100k
55	R15	R0402	R0402	20.685	2.92	180	bottom	105K
55	R17	R0402	R0402	24.4961	1.27122	270	bottom	105K
62	C199	C0402	c0402	20.255	2.895	0	bottom	.01u
62	C219	C0402	c0402	24.1	1.26	0	bottom	.01u
63	C108	C0402	c0402	14.064	2.997	270	bottom	.1u
63	C109	C0402	c0402	14.418	3.313	90	bottom	.1u
63	C110	C0402	c0402	14.379	3.274	270	bottom	.1u
63	C111	C0402	c0402	14.104	3.037	90	bottom	.1u
63	C112	C0402	c0402	14.839	2.362	180	bottom	.1u
63	C113	C0402	c0402	14.839	2.468	180	bottom	.1u
63	C114	C0402	c0402	14.841	2.573	180	bottom	.1u
63	C115	C0402	c0402	14.837	2.683	180	bottom	.1u
63	C116	C0402	c0402	15.83	3.29	180	bottom	.1u
63	C117	C0402	c0402	15.83	3.401	180	bottom	.1u
63	C118	C0402	c0402	14.556	3.45	0	bottom	.1u
63	C119	C0402	c0402	14.558	2.859	0	bottom	.1u

63	C120	C0402	c0402	13.926	2.86	180	bottom	.1u
63	C121	C0402	c0402	13.926	3.45	180	bottom	.1u
63	C125	C0402	c0402	12.928	0.958	180	bottom	.1u
63	C126	C0402	c0402	12.613	0.524	0	bottom	.1u
63	C127	C0402	c0402	12.829	0.544	270	bottom	.1u
63	C128	C0402	c0402	12.613	0.958	0	bottom	.1u
63	C129	C0402	c0402	12.711	0.938	90	bottom	.1u
63	C130	C0402	c0402	12.967	0.682	180	bottom	.1u
63	C131	C0402	c0402	12.927	0.524	180	bottom	.1u
63	C132	C0402	c0402	12.711	0.544	270	bottom	.1u
63	C133	C0402	c0402	12.829	0.938	90	bottom	.1u
63	C134	C0402	c0402	12.573	0.8	0	bottom	.1u
63	C135	C0402	c0402	16.45	1.655	0	bottom	.1u
63	C136	C0402	c0402	16.605	0.584	0	bottom	.1u
63	C137	C0402	c0402	17.402	0.667	0	bottom	.1u
63	C138	C0402	c0402	17.146	0.765	270	bottom	.1u
63	C139	C0402	c0402	17.146	1.159	90	bottom	.1u
63	C140	C0402	c0402	17.403	1.257	0	bottom	.1u
63	C141	C0402	c0402	16.929	1.179	0	bottom	.1u
63	C142	C0402	c0402	16.889	1.1	0	bottom	.1u
63	C143	C0402	c0402	16.792	1.278	270	bottom	.1u
63	C144	C0402	c0402	16.772	0.667	180	bottom	.1u
63	C145	C0402	c0402	10.035	3.208	180	bottom	.1u
63	C146	C0402	c0402	14.181	3.352	90	bottom	.1u
63	C147	C0402	c0402	14.438	3.097	180	bottom	.1u
63	C148	C0402	c0402	9.995	3.051	180	bottom	.1u
63	C149	C0402	c0402	9.779	3.07	270	bottom	.1u
63	C150	C0402	c0402	9.681	3.483	0	bottom	.1u
63	C151	C0402	c0402	9.995	3.483	180	bottom	.1u
63	C152	C0402	c0402	9.641	3.405	0	bottom	.1u
63	C153	C0402	c0402	14.398	3.372	180	bottom	.1u
63	C154	C0402	c0402	14.3	3.352	90	bottom	.1u
63	C155	C0402	c0402	14.084	2.939	0	bottom	.1u
63	C156	C0402	c0402	14.182	2.958	270	bottom	.1u
63	C157	C0402	c0402	14.399	2.938	180	bottom	.1u
63	C158	C0402	c0402	14.3	2.958	270	bottom	.1u
63	C159	C0402	c0402	9.897	3.07	270	bottom	.1u
63	C160	C0402	c0402	9.68	3.05	0	bottom	.1u
63	C161	C0402	c0402	9.779	3.464	90	bottom	.1u

63	C162	C0402	c0402	9.897	3.464	90	bottom	.1u
63	C163	C0402	c0402	14.044	3.293	0	bottom	.1u
63	C164	C0402	c0402	14.083	3.372	0	bottom	.1u
63	C202	C0402	c0402	12.182	1.497	0	bottom	.1u
63	C203	C0402	c0402	12.186	1.387	0	bottom	.1u
63	C204	C0402	c0402	11.837	1.497	0	bottom	.1u
63	C205	C0402	c0402	11.833	1.386	0	bottom	.1u
63	C206	C0402	c0402	12	0.308	0	bottom	.1u
63	C207	C0402	c0402	12.113	0.838	0	bottom	.1u
63	C208	C0402	c0402	13.085	1.036	0	bottom	.1u
63	C209	C0402	c0402	13.085	0.446	0	bottom	.1u
63	C210	C0402	c0402	12.455	1.036	180	bottom	.1u
63	C211	C0402	c0402	12.455	0.446	180	bottom	.1u
63	C213	C0402	c0402	12.948	0.898	90	bottom	.1u
63	C214	C0402	c0402	12.593	0.583	270	bottom	.1u
63	C217	C0402	c0402	12.633	0.623	90	bottom	.1u
63	C218	C0402	c0402	12.908	0.859	270	bottom	.1u
63	C222	C0402	c0402	17.028	0.765	270	bottom	.1u
63	C223	C0402	c0402	16.693	0.647	180	bottom	.1u
63	C224	C0402	c0402	16.738	1.547	0	bottom	.1u
63	C225	C0402	c0402	16.454	1.545	0	bottom	.1u
63	C226	C0402	c0402	17.284	0.824	180	bottom	.1u
63	C227	C0402	c0402	16.734	1.653	0	bottom	.1u
63	C228	C0402	c0402	16.601	0.474	0	bottom	.1u
63	C229	C0402	c0402	17.244	0.745	180	bottom	.1u
63	C230	C0402	c0402	17.245	1.179	180	bottom	.1u
63	C231	C0402	c0402	17.028	1.159	90	bottom	.1u
63	C233	C0402	c0402	16.91	0.765	90	bottom	.1u
63	C234	C0402	c0402	17.264	1.12	90	bottom	.1u
63	C237	C0402	c0402	16.949	0.844	90	bottom	.1u
63	C238	C0402	c0402	17.225	1.08	270	bottom	.1u
63	C263	C0402	c0402	10.37	2.497	180	bottom	.1u
63	C264	C0402	c0402	10.37	2.615	180	bottom	.1u
63	C265	C0402	c0402	10.37	2.725	180	bottom	.1u
63	C266	C0402	c0402	10.362	3.585	180	bottom	.1u
63	C267	C0402	c0402	10.362	3.696	180	bottom	.1u
63	C268	C0402	c0402	10.154	2.971	0	bottom	.1u
63	C269	C0402	c0402	9.522	2.972	180	bottom	.1u
63	C270	C0402	c0402	9.523	3.562	180	bottom	.1u

63	C271	C0402	c0402	10.153	3.562	0	bottom	.1u
63	C273	C0402	c0402	10.015	3.425	90	bottom	.1u
63	C274	C0402	c0402	9.661	3.11	270	bottom	.1u
63	C276	C0402	c0402	9.701	3.149	90	bottom	.1u
63	C277	C0402	c0402	9.976	3.385	270	bottom	.1u
63	C550	C0402	c0402	18.789	0.832	0	bottom	.1u
63	C552	C0402	c0402	14.229	0.832	0	bottom	.1u
63	C554	C0402	c0402	9.659	0.832	0	bottom	.1u
63	C556	C0402	c0402	5.098	0.833	0	bottom	.1u
63	C619	C0402	c0402	14.875	3.736	180	bottom	.1u
63	C625	C0402	c0402	10.121	3.761	180	bottom	.1u
63	C652	C0402	c0402	8.422	3.037	0	bottom	.1u
63	C654	C0402	c0402	3.854	3.021	0	bottom	.1u
63	C664	C0402	c0402	19.64551	3.33031	90	bottom	.1u
63	CA13	C0402	c0402	2.248	1.537	0	bottom	.1u
63	CA14	C0402	c0402	2.402	1.535	180	bottom	.1u
63	CA24	C0402	c0402	2.317	1.764	270	bottom	.1u
63	CB13	C0402	c0402	6.483	1.517	0	bottom	.1u
63	CB14	C0402	c0402	6.64	1.517	180	bottom	.1u
63	CB17	C0402	c0402	6.356	1.54	0	bottom	.1u
63	CB24	C0402	c0402	6.55	1.744	270	bottom	.1u
63	CC13	C0402	c0402	11.025	1.497	0	bottom	.1u
63	CC14	C0402	c0402	11.181	1.498	180	bottom	.1u
63	CC24	C0402	c0402	11.093	1.725	270	bottom	.1u
63	CD13	C0402	c0402	15.584	1.455	0	bottom	.1u
63	CD14	C0402	c0402	15.739	1.453	180	bottom	.1u
63	CD17	C0402	c0402	15.877	1.469	180	bottom	.1u
63	CD24	C0402	c0402	15.651	1.685	270	bottom	.1u
63	CE12	C0402	c0402	18.524	1.507	180	bottom	.1u
63	CE13	C0402	c0402	18.23	1.493	0	bottom	.1u
63	CE14	C0402	c0402	18.387	1.493	180	bottom	.1u
63	CE24	C0402	c0402	18.298	1.721	270	bottom	.1u
63	CF12	C0402	c0402	22.652	1.634	0	bottom	.1u
63	CF13	C0402	c0402	22.78	1.504	0	bottom	.1u
63	CF14	C0402	c0402	22.935	1.505	180	bottom	.1u
63	CF17	C0402	c0402	22.652	1.529	0	bottom	.1u
63	CF24	C0402	c0402	22.847	1.733	270	bottom	.1u
63	CG13	C0402	c0402	4.339	2.416	180	bottom	.1u
63	CG14	C0402	c0402	4.182	2.415	0	bottom	.1u

63	CG24	C0402	c0402	4.27	2.186	90	bottom	.1u
63	CH12	C0402	c0402	8.985	2.302	180	bottom	.1u
63	CH13	C0402	c0402	8.863	2.433	180	bottom	.1u
63	CH14	C0402	c0402	8.706	2.433	0	bottom	.1u
63	CH24	C0402	c0402	8.794	2.186	90	bottom	.1u
63	CJ12	C0402	c0402	13.595	2.4	180	bottom	.1u
63	CJ13	C0402	c0402	13.473	2.434	180	bottom	.1u
63	CJ14	C0402	c0402	13.317	2.435	0	bottom	.1u
63	CJ24	C0402	c0402	13.403	2.186	90	bottom	.1u
63	CK12	C0402	c0402	17.764	2.402	0	bottom	.1u
63	CK13	C0402	c0402	18.036	2.433	180	bottom	.1u
63	CK14	C0402	c0402	17.881	2.431	0	bottom	.1u
63	CK24	C0402	c0402	17.969	2.203	90	bottom	.1u
63	CL13	C0402	c0402	22.604	2.415	180	bottom	.1u
63	CL14	C0402	c0402	22.447	2.413	0	bottom	.1u
63	CL24	C0402	c0402	22.534	2.186	90	bottom	.1u
63	CM12	C0402	c0402	22.725	2.285	180	bottom	.1u
63	CM13	C0402	c0402	26.814	2.419	180	bottom	.1u
63	CM14	C0402	c0402	26.662	2.42	0	bottom	.1u
63	CM24	C0402	c0402	26.744	2.19	90	bottom	.1u
63	CP16	C0402	c0402	20.472	0.695	0	bottom	.1u
63	CP17	C0402	c0402	20.249	0.698	180	bottom	.1u
63	CP21	C0402	c0402	20.476	0.446	180	bottom	.1u
63	CP22	C0402	c0402	20.252	0.443	180	bottom	.1u
63	CP26	C0402	c0402	20.477	0.194	0	bottom	.1u
63	CP27	C0402	c0402	20.253	0.197	180	bottom	.1u
63	CP32	C0402	c0402	11.593	3.331	0	bottom	.1u
63	CP37	C0402	c0402	11.594	3.075	0	bottom	.1u
63	CP42	C0402	c0402	11.593	2.819	0	bottom	.1u
63	CP47	C0402	c0402	19.105	3.587	0	bottom	.1u
63	CP52	C0402	c0402	19.116	3.273	0	bottom	.1u
63	CP57	C0402	c0402	19.115	3.015	0	bottom	.1u
63	C10	C0402	c0402	13.951	0.447	0	bottom	0.1u
63	C101	C0402	c0402	16.516	3.183	180	bottom	0.1u
63	C102	C0402	c0402	11.945	3.179	180	bottom	0.1u
63	C104	C0402	c0402	6.73567	3.70177	90	bottom	0.1u
63	C106	C0402	c0402	15.134	3.09	0	bottom	0.1u
63	C12	C0402	c0402	13.957	0.955	0	bottom	0.1u
63	C14	C0402	c0402	4.45256	0.42217	0	bottom	0.1u

63	C169	C0402	c0402	12.656	1.548	180	bottom	0.1u
63	C170	C0402	c0402	17.532	1.689	180	bottom	0.1u
63	C171	C0402	c0402	17.207	1.685	180	bottom	0.1u
63	C172	C0402	c0402	13.014	1.551	180	bottom	0.1u
63	C173	C0402	c0402	14.486	2.613	180	bottom	0.1u
63	C174	C0402	c0402	19.82114	3.61917	180	bottom	0.1u
63	C175	C0402	c0402	19.29673	3.6174	180	bottom	0.1u
63	C176	C0402	c0402	20.36524	3.62012	180	bottom	0.1u
63	C177	C0402	c0402	22.43614	0.40197	0	bottom	0.1u
63	C179	C0402	c0402	21.83433	0.40724	0	bottom	0.1u
63	C18	C0402	c0402	25.035	1.63	270	bottom	0.1u
63	C180	C0402	c0402	21.26988	0.40992	0	bottom	0.1u
63	C183	C0402	c0402	10.081	2.796	180	bottom	0.1u
63	C187	C0402	c0402	14.095	2.608	180	bottom	0.1u
63	C188	C0402	c0402	9.713	2.797	180	bottom	0.1u
63	C201	C0402	c0402	11.889	0.552	0	bottom	0.1u
63	C22	C0402	c0402	23.36	0.81	0	bottom	0.1u
63	C221	C0402	c0402	16.103	0.764	0	bottom	0.1u
63	C239	C0402	c0402	20.33028	3.00287	0	bottom	0.1u
63	C24	C0402	c0402	0.839	0.827	0	bottom	0.1u
63	C240	C0402	c0402	24.177	1.37	0	bottom	0.1u
63	C253	C0402	c0402	4.46	2.38	180	bottom	0.1u
63	C254	C0402	c0402	8.59	2.402	0	bottom	0.1u
63	C261	C0402	c0402	10.761	3.089	0	bottom	0.1u
63	C3	C0402	c0402	24.79	1.28	0	bottom	0.1u
63	C32	C0402	c0402	23.359	0.847	0	bottom	0.1u
63	C34	C0402	c0402	21.61433	0.25724	0	bottom	0.1u
63	C37	C0402	c0402	15.25	0.991	270	bottom	0.1u
63	C38	C0402	c0402	6.144	0.825	0	bottom	0.1u
63	C40	C0402	c0402	1.869	0.995	270	bottom	0.1u
63	C41	C0402	c0402	23.50118	1.46283	90	bottom	0.1u
63	C43	C0402	c0402	4.849	0.906	90	bottom	0.1u
63	C44	C0402	c0402	4.80756	0.42217	0	bottom	0.1u
63	C46	C0402	c0402	19.781	0.891	0	bottom	0.1u
63	C47	C0402	c0402	21.04988	0.25992	0	bottom	0.1u
63	C49	C0402	c0402	22.21114	0.25197	0	bottom	0.1u
63	C50	C0402	c0402	1.887	0.841	180	bottom	0.1u
63	C533	C0402	c0402	19.823	0.835	90	bottom	0.1u
63	C536	C0402	c0402	19.781	0.926	180	bottom	0.1u

63	C539	C0402	c0402	24.405	0.975	0	bottom	0.1u
63	C540	C0402	c0402	15.275	0.837	0	bottom	0.1u
63	C57	C0402	c0402	17.516	3.12	180	bottom	0.1u
63	C59	C0402	c0402	3.855	3.181	0	bottom	0.1u
63	C60	C0402	c0402	8.423	3.176	0	bottom	0.1u
63	C62	C0402	c0402	26.373	3.179	0	bottom	0.1u
63	C63	C0402	c0402	12.986	3.029	0	bottom	0.1u
63	C646	C0402	c0402	25.339	3.179	0	bottom	0.1u
63	C649	C0402	c0402	19.51673	3.7674	0	bottom	0.1u
63	C65	C0402	c0402	6.77165	3.70079	270	bottom	0.1u
63	C650	C0402	c0402	25.1	2.2	90	bottom	0.1u
63	C68	C0402	c0402	17.516	3.083	180	bottom	0.1u
63	C687	C0402	c0402	8.985	2.397	180	bottom	0.1u
63	C69	C0402	c0402	12.986	3.176	0	bottom	0.1u
63	C71	C0402	c0402	22.076	2.966	180	bottom	0.1u
63	C72	C0402	c0402	23.628	2.566	0	bottom	0.1u
63	C751	C0402	c0402	13.018	0.218	0	bottom	0.1u
63	C754	C0402	c0402	17.48	1.218	180	bottom	0.1u
63	C755	C0402	c0402	16.89	0.903	180	bottom	0.1u
63	C757	C0402	c0402	13.163	0.977	180	bottom	0.1u
63	C759	C0402	c0402	12.967	0.603	0	bottom	0.1u
63	C762	C0402	c0402	16.696	0.733	180	bottom	0.1u
63	C764	C0402	c0402	16.89	1.021	180	bottom	0.1u
63	C765	C0402	c0402	12.376	0.702	0	bottom	0.1u
63	C766	C0402	c0402	12.573	0.682	180	bottom	0.1u
63	C767	C0402	c0402	12.967	0.8	0	bottom	0.1u
63	C768	C0402	c0402	12.534	0.879	0	bottom	0.1u
63	C770	C0402	c0402	17.284	0.903	0	bottom	0.1u
63	C771	C0402	c0402	17.284	1.021	0	bottom	0.1u
63	C776	C0402	c0402	13.845	3.41	180	bottom	0.1u
63	C777	C0402	c0402	10.035	3.326	0	bottom	0.1u
63	C779	C0402	c0402	10.035	3.129	0	bottom	0.1u
63	C780	C0402	c0402	14.024	2.998	270	bottom	0.1u
63	C781	C0402	c0402	14.438	3.214	0	bottom	0.1u
63	C782	C0402	c0402	14.438	3.018	0	bottom	0.1u
63	C783	C0402	c0402	14.044	3.096	180	bottom	0.1u
63	C785	C0402	c0402	10.054	3.385	270	bottom	0.1u
63	C786	C0402	c0402	9.641	3.326	180	bottom	0.1u
63	C788	C0402	c0402	9.621	3.11	270	bottom	0.1u

63	C789	C0402	c0402	14.044	3.214	180	bottom	0.1u
63	C790	C0402	c0402	10.37	2.387	0	bottom	0.1u
63	C791	C0402	c0402	9.641	3.208	180	bottom	0.1u
63	C792	C0402	c0402	9.604	3.859	0	bottom	0.1u
63	C793	C0402	c0402	14.633	3.39	180	bottom	0.1u
63	C795	C0402	c0402	10.779	3.199	0	bottom	0.1u
63	C796	C0402	c0402	10.7804	3.5724	0	bottom	0.1u
63	C801	C0402	c0402	12.711	0.78	270	bottom	0.1u
63	C802	C0402	c0402	12.869	0.741	270	bottom	0.1u
63	C804	C0402	c0402	16.6947	0.8872	0	bottom	0.1u
63	C805	C0402	c0402	17.185	0.962	270	bottom	0.1u
63	C807	C0402	c0402	17.106	1.001	270	bottom	0.1u
63	C808	C0402	c0402	17.028	1.001	270	bottom	0.1u
63	C809	C0402	c0402	17.028	0.922	90	bottom	0.1u
63	C81	C0402	c0402	16.516	3.03	180	bottom	0.1u
63	C812	C0402	c0402	13.029	0.31	0	bottom	0.1u
63	C813	C0402	c0402	12.711	0.702	90	bottom	0.1u
63	C814	C0402	c0402	12.829	0.78	270	bottom	0.1u
63	C815	C0402	c0402	12.75	0.78	270	bottom	0.1u
63	C816	C0402	c0402	12.789	0.78	270	bottom	0.1u
63	C817	C0402	c0402	13.129	0.31	180	bottom	0.1u
63	C818	C0402	c0402	17.413	0.397	0	bottom	0.1u
63	C819	C0402	c0402	16.989	0.962	270	bottom	0.1u
63	C820	C0402	c0402	17.146	1.001	270	bottom	0.1u
63	C821	C0402	c0402	17.067	1.001	270	bottom	0.1u
63	C826	C0402	c0402	14.339	3.155	90	bottom	0.1u
63	C83	C0402	c0402	11.949	3.03	180	bottom	0.1u
63	C830	C0402	c0402	9.858	3.228	90	bottom	0.1u
63	C831	C0402	c0402	9.819	3.228	90	bottom	0.1u
63	C832	C0402	c0402	9.779	3.228	90	bottom	0.1u
63	C833	C0402	c0402	9.897	3.228	90	bottom	0.1u
63	C834	C0402	c0402	9.739	3.267	90	bottom	0.1u
63	C835	C0402	c0402	9.897	3.307	270	bottom	0.1u
63	C836	C0402	c0402	9.937	3.267	90	bottom	0.1u
63	C837	C0402	c0402	14.3	3.115	90	bottom	0.1u
63	C838	C0402	c0402	14.26	3.115	90	bottom	0.1u
63	C839	C0402	c0402	14.221	3.115	90	bottom	0.1u
63	C84	C0402	c0402	7.382	3.03	180	bottom	0.1u
63	C840	C0402	c0402	14.181	3.115	90	bottom	0.1u

63	C841	C0402	c0402	14.142	3.155	90	bottom	0.1u
63	C842	C0402	c0402	14.3	3.194	270	bottom	0.1u
63	C851	C0402	c0402	10.898	1.522	0	bottom	0.1u
63	C852	C0402	c0402	2.12	1.56	0	bottom	0.1u
63	C854	C0402	c0402	15.457	1.584	0	bottom	0.1u
63	C855	C0402	c0402	24.79	1.32	0	bottom	0.1u
63	C856	C0402	c0402	24.845	1.245	0	bottom	0.1u
63	C857	C0402	c0402	18.104	1.517	0	bottom	0.1u
63	C859	C0402	c0402	2.12	1.665	0	bottom	0.1u
63	C86	C0402	c0402	19.63953	3.06433	90	bottom	0.1u
63	C864	C0402	c0402	23.072	1.519	180	bottom	0.1u
63	C865	C0402	c0402	18.104	1.622	0	bottom	0.1u
63	C867	C0402	c0402	6.776	1.53	180	bottom	0.1u
63	C869	C0402	c0402	10.898	1.627	0	bottom	0.1u
63	C87	C0402	c0402	2.815	3.192	180	bottom	0.1u
63	C870	C0402	c0402	15.457	1.479	0	bottom	0.1u
63	C877	C0402	c0402	26.935	2.29	180	bottom	0.1u
63	C879	C0402	c0402	26.54	2.39	0	bottom	0.1u
63	C882	C0402	c0402	26.935	2.385	180	bottom	0.1u
63	C885	C0402	c0402	13.595	2.305	180	bottom	0.1u
63	C886	C0402	c0402	23.40815	2.27283	0	bottom	0.1u
63	C888	C0402	c0402	23.405	2.2	0	bottom	0.1u
63	C89	C0402	c0402	25.335	3.03	180	bottom	0.1u
63	C890	C0402	c0402	13.2	2.405	0	bottom	0.1u
63	C892	C0402	c0402	23.405	2.235	0	bottom	0.1u
63	C894	C0402	c0402	23.405	2.165	0	bottom	0.1u
63	C895	C0402	c0402	4.46	2.285	180	bottom	0.1u
63	C896	C0402	c0402	18.159	2.397	180	bottom	0.1u
63	C90	C0402	c0402	7.382	3.179	180	bottom	0.1u
63	C98	C0402	c0402	2.815	3.157	180	bottom	0.1u
63	C99	C0402	c0402	21.079	3.03	180	bottom	0.1u
63	CZ1	C0402	c0402	26.82	0.76	90	bottom	0.1u
63	CZ11	C0402	c0402	24.66	2.2	90	bottom	0.1u
63	CZ2	C0402	c0402	23.5002	1.72583	90	bottom	0.1u
63	CZ4	C0402	c0402	25.095	2.61	270	bottom	0.1u
63	CZ6	C0402	c0402	26.775	1.45	180	bottom	0.1u
65	CA16	C0402	c0402	2.54	1.55	180	bottom	2u2
65	CB16	C0402	c0402	6.356	1.645	0	bottom	2u2
65	CC16	C0402	c0402	11.318	1.512	180	bottom	2u2

65	CG16	C0402	c0402	4.065	2.385	0	bottom	2u2
65	CK16	C0402	c0402	18.159	2.302	180	bottom	2u2
65	CM16	C0402	c0402	22.33	2.385	0	bottom	2u2
66	C105	C0402	c0402	15.134	3.137	0	bottom	4.7u
66	C200	C0402	c0402	11.889	0.603	0	bottom	4.7u
66	C220	C0402	c0402	16.103	0.716	0	bottom	4.7u
66	C260	C0402	c0402	10.76	3.127	0	bottom	4.7u
66	CP0	C0402	c0402	14.316	1.038	180	bottom	4.7u
66	CP15	C0402	c0402	20.624	0.701	0	bottom	4.7u
66	CP20	C0402	c0402	20.651	0.433	0	bottom	4.7u
66	CP25	C0402	c0402	20.648	0.187	0	bottom	4.7u
66	CP5	C0402	c0402	13.953	0.691	0	bottom	4.7u
67	C241	c0805	c0805	20.765	3.015	180	bottom	4.7u
67	C242	c0805	c0805	24.59673	1.40697	180	bottom	4.7u
67	C243	c0805	c0805	20.195	3.26	270	bottom	4.7u
67	C244	c0805	c0805	20.12	3.26	270	bottom	4.7u
67	C245	c0805	c0805	24.03921	1.63382	270	bottom	4.7u
67	C246	c0805	c0805	23.95425	1.63606	270	bottom	4.7u
68	C1	C1206	C1206	24.85	1.395	0	bottom	100u
68	C100	C1206	C1206	19.78	3.035	0	bottom	100u
68	C103	C1206	C1206	19.55453	3.03732	90	bottom	100u
68	C13	C1206	C1206	23.308	1.012	0	bottom	100u
68	C15	C1206	C1206	18.73	0.997	0	bottom	100u
68	C17	C1206	C1206	9.6	0.989	0	bottom	100u
68	C19	C1206	C1206	0.775	0.99	0	bottom	100u
68	C190	C1206	C1206	19.785	3.135	180	bottom	100u
68	C191	C1206	C1206	26.55	0.725	90	bottom	100u
68	C192	C1206	C1206	24.825	2.185	90	bottom	100u
68	C193	C1206	C1206	23.63402	1.5485	180	bottom	100u
68	C194	C1206	C1206	2.709	3.033	0	bottom	100u
68	C195	C1206	C1206	23.405	1.475	270	bottom	100u
68	C198	C1206	C1206	24.28	0.634	270	bottom	100u
68	C21	C1206	C1206	20.231	0.13	180	bottom	100u
68	C23	C1206	C1206	5.087	0.665	0	bottom	100u
68	C25	C1206	C1206	0.825	0.664	0	bottom	100u
68	C27	C1206	C1206	4.52756	0.17717	270	bottom	100u
68	C29	C1206	C1206	24.885	1.705	0	bottom	100u
68	C33	C1206	C1206	1.888	0.752	0	bottom	100u
68	C36	C1206	C1206	10.726	0.907	0	bottom	100u

68	C39	C1206	C1206	6.164	0.904	0	bottom	100u
68	C42	C1206	C1206	1.889	0.907	0	bottom	100u
68	C45	C1206	C1206	24.442	0.851	90	bottom	100u
68	C48	C1206	C1206	15.275	0.753	0	bottom	100u
68	C501	C1206	C1206	25.06	0.92	0	bottom	100u
68	C503	C1206	C1206	25.06	1.025	0	bottom	100u
68	C51	C1206	C1206	10.714	0.741	0	bottom	100u
68	C52	C1206	C1206	17.87717	0.17717	90	bottom	100u
68	C520	C1206	C1206	17.52	0.365	270	bottom	100u
68	C524	C1206	C1206	13.24	0.235	180	bottom	100u
68	C53	C1206	C1206	15.296	0.905	0	bottom	100u
68	C537	C1206	C1206	24.33386	1.25898	0	bottom	100u
68	C538	C1206	C1206	24.3813	0.63626	270	bottom	100u
68	C54	C1206	C1206	4.73756	0.17717	90	bottom	100u
68	C541	C1206	C1206	23.63402	1.44894	180	bottom	100u
68	C55	C1206	C1206	19.84	0.749	0	bottom	100u
68	C553	C1206	C1206	17.67717	0.17717	270	bottom	100u
68	C555	C1206	C1206	14.17	0.986	0	bottom	100u
68	C557	C1206	C1206	5.039	0.987	0	bottom	100u
68	C56	C1206	C1206	6.157	0.746	0	bottom	100u
68	C574	C1206	C1206	24.99	1.215	0	bottom	100u
68	C58	C1206	C1206	23.542	2.732	0	bottom	100u
68	C601	C1206	C1206	9.519	3.793	0	bottom	100u
68	C603	C1206	C1206	23.52504	3.5237	0	bottom	100u
68	C605	C1206	C1206	23.52504	3.62169	0	bottom	100u
68	C622	C1206	C1206	10.184	3.837	180	bottom	100u
68	C624	C1206	C1206	23.52504	3.16669	0	bottom	100u
68	C626	C1206	C1206	23.52504	3.26169	0	bottom	100u
68	C644	C1206	C1206	25.303	3.317	90	bottom	100u
68	C647	C1206	C1206	24.935	2.185	90	bottom	100u
68	C648	C1206	C1206	11.924	3.296	90	bottom	100u
68	C651	C1206	C1206	7.354	3.301	90	bottom	100u
68	C653	C1206	C1206	26.393	3.103	180	bottom	100u
68	C655	C1206	C1206	6.85039	3.75984	90	bottom	100u
68	C657	C1206	C1206	26.39	2.947	180	bottom	100u
68	C67	C1206	C1206	22.132	3.1	180	bottom	100u
68	C672	C1206	C1206	23.61374	2.17138	0	bottom	100u
68	C686	C1206	C1206	23.41339	2.34283	0	bottom	100u
68	C70	C1206	C1206	18.62618	3.75984	90	bottom	100u

68	C73	C1206	C1206	17.575	2.943	180	bottom	100u
68	C74	C1206	C1206	12.999	2.951	180	bottom	100u
68	C75	C1206	C1206	23.542	2.631	0	bottom	100u
68	C750	C1206	C1206	16.147	0.579	180	bottom	100u
68	C753	C1206	C1206	11.954	0.456	180	bottom	100u
68	C76	C1206	C1206	3.871	3.104	180	bottom	100u
68	C77	C1206	C1206	13.002	3.107	180	bottom	100u
68	C772	C1206	C1206	16.147	0.854	180	bottom	100u
68	C773	C1206	C1206	11.94	0.708	180	bottom	100u
68	C775	C1206	C1206	10.722	3.27	0	bottom	100u
68	C778	C1206	C1206	10.726	3.502	0	bottom	100u
68	C78	C1206	C1206	8.432	2.95	180	bottom	100u
68	C79	C1206	C1206	3.874	2.942	180	bottom	100u
68	C797	C1206	C1206	15.079	3.275	0	bottom	100u
68	C798	C1206	C1206	15.091	3.511	0	bottom	100u
68	C8	C1206	C1206	8.444	3.102	180	bottom	100u
68	C800	C1206	C1206	25.065	0.565	0	bottom	100u
68	C82	C1206	C1206	25.406	3.317	270	bottom	100u
68	C822	C1206	C1206	17.299	0.271	270	bottom	100u
68	C847	C1206	C1206	14.939	3.666	180	bottom	100u
68	C85	C1206	C1206	7.457	3.317	270	bottom	100u
68	C88	C1206	C1206	6.65354	3.75984	270	bottom	100u
68	C9	C1206	C1206	24.885	1.805	0	bottom	100u
68	C91	C1206	C1206	2.78945	3.31291	270	bottom	100u
68	C92	C1206	C1206	16.524	3.313	270	bottom	100u
68	C93	C1206	C1206	21.161	3.305	270	bottom	100u
68	C94	C1206	C1206	16.626	3.313	270	bottom	100u
68	C95	C1206	C1206	18.4252	3.75984	270	bottom	100u
68	C96	C1206	C1206	12.02	3.313	270	bottom	100u
68	C97	C1206	C1206	2.89	3.313	270	bottom	100u
68	CZ10	C1206	C1206	6.532	3.755	90	bottom	100u
68	CZ3	C1206	C1206	26.65	0.725	90	bottom	100u
69	C513	C1210	C1210	26	0.58	90	bottom	100u
69	C515	C1210	C1210	25.875	1.365	90	bottom	100u
69	C534	C1210	C1210	23.659	1.705	180	bottom	100u
69	C559	C1210	C1210	26	0.885	270	bottom	100u
69	C561	C1210	C1210	25.875	1.655	270	bottom	100u
69	C609	C1210	C1210	24.495	3.59	270	bottom	100u
69	C611	C1210	C1210	24.495	3.24	90	bottom	100u

69	C613	C1210	C1210	24.5	2.6	270	bottom	100u
69	C615	C1210	C1210	19.81	3.27	180	bottom	100u
69	C663	C1210	C1210	24.5	2.265	90	bottom	100u
69	CZ0	C1210	C1210	23.395	1.725	90	bottom	100u
69	CZ16	C1210	C1210	26.595	1.255	270	bottom	100u
69	CZ5	C1210	C1210	24.89	2.675	270	bottom	100u
69	CZ7	C1210	C1210	26.88	1.26	270	bottom	100u
69	CZ8	C1210	C1210	19.475	3.26	0	bottom	100u
100	R145	R0402	R0402	9.562	3.444	180	bottom	DNI
100	RT105	R0402	R0402	13.046	0.563	0	bottom	DNI
100	RT125	R0402	R0402	17.363	0.784	0	bottom	DNI
100	RT165	R0402	R0402	13.966	3.332	180	bottom	DNI
101	TP12	tp060	tp060	20.8535	3.24933	0	bottom	DNI
101	TP42	tp060	tp060	24.72169	1.64528	0	bottom	DNI
101	TP6	tp060	tp060	4.859	0.987	0	bottom	DNI
101	TP64	tp060	tp060	23.7074	2.25783	0	bottom	DNI
101	TP9	tp060	tp060	25.23768	3.17492	0	bottom	DNI
101	TP92	tp060	tp060	24.395	1.175	0	bottom	DNI