

Crystal Setup File Parameters

Run Name: JSC3112803C-20170301-003

Print: All Operator:

Row A: Measured FL Row B: Measured FL

Run Sta
Run Finis

S&A W

Start: B001 Stop: B090

Setup: JSC3112803C-2017 90-94-98

Reference F: 12,800,000 Hz CL: 20.00 pF Power: 100.00 uW into 80.00 Ohms Measure: FL/

	TEMP iãC	FL ppm	C0 pF	RR Ohms	Q k	C1 fF	DLD2 Ohms	FL Hz
		1.5	2.695	90		0.184	4.000	
		-1.5	2.205		00.00	0.136		
B011<	89.97	-0.7	2.590	66	952.	0.197<	0.345 %12,799,99	20161223276
B011<	94.00	-1.0	2.593	66	947.	0.198<	0.328 %12,799,98	20161223276
B011<	97.99	-1.5	2.594	66	945.	0.198<	0.284 %12,799,98	20161223276
B012<	90.01	-0.3	3.152<	66	1,02	0.184	0.315 %12,799,99	20161223283
B012<	94.01	-0.2	3.156<	66	1,02	0.184<	0.278 %12,799,99	20161223283
B012<	98.00	-0.3	3.157<	66	1,01	0.185<	0.256 %12,799,99	20161223283
B013<	90.02	0.2	2.052<	53	948.	0.247<	0.288 %12,800,00	20161223284
B013<	94.01	0.2	2.056<	53	947.	0.248<	0.339 %12,800,00	20161223284
B013<	98.01	0.2	2.057<	53	946.	0.248<	0.321 %12,800,00	20161223284
B014<	89.99	-0.1	2.044<	52	937.	0.256<	0.304 %12,799,99	20161223277
B014<	94.02	-0.1	2.048<	52	938.	0.256<	0.328 %12,799,99	20161223277
B014<	97.99	-0.1	2.048<	52	937.	0.257<	0.304 %12,799,99	20161223277
B015<	90.01	-0.1	2.022<	54	925.	0.250<	0.316 %12,799,99	20161223278
B015<	94.00	-0.1	2.025<	54	923.	0.250<	0.326 %12,799,99	20161223278
B015<	98.00	0.0	2.024<	54	923.	0.251<	0.322 %12,799,99	20161223278
B016<	90.00	-0.3	1.999<	53	930.	0.250<	0.274 %12,799,99	20161223279
B016<	94.01	-0.4	2.002<	53	929.	0.251<	0.286 %12,799,99	20161223279
B016<	98.00	-0.3	2.002<	53	931.	0.251<	0.295 %12,799,99	20161223279
B017<	90.03	0.2	2.092<	52	948.	0.251<	0.310 %12,800,00	20161223280
B017<	93.99	0.2	2.095<	52	945.	0.252<	0.363 %12,800,00	20161223280
B017<	97.97	0.3	2.095<	52	943.	0.253<	0.338 %12,800,00	20161223280
B018<	90.00	0.1	2.042<	55	884.	0.257<	0.303 %12,800,00	20161223273
B018<	94.00	0.1	2.045<	55	885.	0.257<	0.346 %12,800,00	20161223273
B018<	98.04	0.1	2.046<	54	888.	0.258<	0.358 %12,800,00	20161223273
B019<	89.98	0.0	2.032<	61	838.	0.242<	1.490 %12,800,00	20161223274
B019<	93.97	-0.1	2.036<	61	839.	0.243<	2.606 %12,799,99	20161223274
B019<	97.98	0.0	2.035<	61	834.	0.243<	2.268 %12,799,99	20161223274
B020<	90.01	0.5	2.383	264<	282<	0.167	2.389 %12,800,00	20161223275
B020<	94.00	0.5	2.388	264<	281<	0.167	2.414 %12,800,00	20161223275
B020<	98.01	0.5	2.387	265<	280<	0.167	2.444 %12,800,00	20161223275
B021<	90.03	-0.4	2.374	66	1,00	0.186<	0.348 %12,799,99	20161223276

B021<	94.02	-0.4	2.377	66	%1,00	0.187<	0.305	%12,799,99	20161223276
B021<	97.98	-0.4	2.377	66	%1,00	0.187<	0.280	%12,799,99	20161223276
B022<	90.00	-0.2	2.041<	57	%889.	0.247<	0.629	%12,799,99	20161223269
B022<	94.03	-0.3	2.043<	57	%882.	0.248<	0.676	%12,799,99	20161223269
B022<	98.04	-0.2	2.043<	57	%878.	0.248<	0.718	%12,799,99	20161223269
B023<	90.02	0.0	2.068<	62	%849.	0.236<	23.708<	%12,800,00	20161223270
B023<	93.98	0.0	2.072<	61	%854.	0.237<	10.420<	%12,799,99	20161223270
B023<	98.00	0.0	2.072<	61	%860.	0.237<	16.693<	%12,800,00	20161223270
B024<	89.99	-0.1	2.092<	53	%938.	0.251<	0.775	%12,799,99	20161223271
B024<	93.96	-0.1	2.097<	52	%939.	0.252<	0.739	%12,799,99	20161223271
B024<	98.02	0.0	2.097<	53	%936.	0.252<	0.538	%12,799,99	20161223271
B025<	90.00	0.0	2.079<	54	%940.	0.247<	0.305	%12,800,00	20161223272
B025<	94.02	0.0	2.082<	53	%938.	0.248<	0.356	%12,800,00	20161223272
B025<	97.99	0.1	2.083<	53	%937.	0.248<	0.352	%12,800,00	20161223272
B027<	89.99	-0.4	2.061<	73	%765<	0.224<	0.421	%12,799,99	20161223265
B027<	94.01	-0.4	2.062<	73	%762<	0.224<	0.562	%12,799,99	20161223265
B027<	98.00	-0.4	2.061<	74	%749<	0.225<	0.586	%12,799,99	20161223265
B028<	90.02	-0.2	2.028<	55	%918.	0.248<	0.534	%12,799,99	20161223266
B028<	93.97	-0.2	2.030<	54	%916.	0.249<	0.307	%12,799,99	20161223266
B028<	97.99	-0.2	2.031<	55	%914.	0.249<	0.333	%12,799,99	20161223266
B030<	89.97	-1.1	3.139<	64	%1,03	0.188<	0.355	%12,799,98	20161223267
B030<	94.01	-1.1	3.142<	64	%1,02	0.189<	0.335	%12,799,98	20161223267
B030<	98.01	-1.3	3.143<	64	%1,02	0.189<	0.355	%12,799,98	20161223267
B031<	90.03	DLD Dea	%40.7<	9	DLD D	DLD Dea	DLD Dea	DLD Dead	20161223268
B031<	94.01	DLD Dea	%46.5<	9	DLD D	DLD Dea	DLD Dea	DLD Dead	20161223268
B031<	97.98	DLD Dea	%74.4<	7	DLD D	DLD Dea	DLD Dea	DLD Dead	20161223268
B032<	90.00	-0.3	2.048<	58	%870.	0.248<	3.987	%12,799,99	20161223261
B032<	93.98	-0.4	2.050<	57	%873.	0.248<	3.574	%12,799,99	20161223261
B032<	98.01	-0.3	2.052<	57	%873.	0.249<	5.377<	%12,799,99	20161223261
B033<	90.00	0.0	2.048<	54	%926.	0.247<	1.435	%12,799,99	20161223262
B033<	94.00	0.0	2.050<	54	%924.	0.248<	1.587	%12,799,99	20161223262
B033<	98.03	0.0	2.051<	54	%923.	0.248<	1.491	%12,800,00	20161223262
B034<	89.99	-0.4	2.102<	52	%956.	0.252<	0.296	%12,799,99	20161223263
B034<	94.00	-0.4	2.106<	51	%955.	0.253<	0.321	%12,799,99	20161223263
B034<	98.00	-0.2	2.106<	51	%954.	0.253<	0.314	%12,799,99	20161223263
B035<	90.02	0.0	2.032<	57	%896.	0.245<	0.526	%12,800,00	20161223264
B035<	94.02	0.0	2.036<	57	%889.	0.246<	0.480	%12,799,99	20161223264
B035<	98.01	0.0	2.036<	57	%883.	0.246<	0.478	%12,799,99	20161223264
B036<	90.02	-0.9	3.163<	70	%1,01	0.175	0.642	%12,799,98	20161223257
B036<	94.03	-0.8	3.167<	70	%1,01	0.176	0.304	%12,799,98	20161223257
B036<	98.00	-0.9	3.167<	70	%1,01	0.176	0.299	%12,799,98	20161223257
B037<	89.98	-0.1	2.032<	54	%921.	0.252<	0.303	%12,799,99	20161223258
B037<	94.01	-0.1	2.034<	54	%917.	0.253<	0.342	%12,799,99	20161223258
B037<	98.02	-0.1	2.036<	54	%913.	0.253<	0.378	%12,799,99	20161223258
B038<	89.99	-0.4	2.043<	54	%933.	0.249<	0.378	%12,799,99	20161223259
B038<	94.02	-0.4	2.046<	53	%933.	0.250<	0.398	%12,799,99	20161223259
B038<	97.97	-0.3	2.047<	53	%930.	0.250<	0.401	%12,799,99	20161223259
B039<	90.04	-0.1	3.464<	61	%980.	0.207<	0.594	%12,799,99	20161223260
B039<	93.98	-0.1	3.469<	61	%981.	0.208<	0.380	%12,799,99	20161223260

B039<	98.01	-0.3	3.470<	61	%980.	0.209<	0.357	%12,799,99	20161223260
B040<	89.98	-0.1	1.931<	54	%924.	0.247<	0.304	%12,799,99	20161223253
B040<	93.99	-0.1	1.936<	54	%922.	0.248<	0.308	%12,799,99	20161223253
B040<	98.00	0.0	1.939<	54	%920.	0.248<	0.298	%12,800,00	20161223253
B041<	90.00	0.1	1.998<	59	%863.	0.243<	1.574	%12,800,00	20161223254
B041<	93.99	0.0	2.002<	60	%855.	0.243<	1.424	%12,799,99	20161223254
B041<	98.01	0.0	2.000<	60	%847.	0.244<	1.347	%12,800,00	20161223254
B042<	90.00	0.1	1.972<	54	%939.	0.244<	0.533	%12,800,00	20161223255
B042<	93.98	0.1	1.975<	54	%936.	0.245<	0.495	%12,800,00	20161223255
B042<	98.00	0.2	1.979<	54	%935.	0.245<	0.445	%12,800,00	20161223255
B043<	90.00	0.0	1.961<	53	%940.	0.247<	0.367	%12,800,00	20161223256
B043<	94.01	0.0	1.966<	53	%942.	0.248<	0.639	%12,799,99	20161223256
B043<	98.02	0.0	1.967<	53	%937.	0.248<	0.518	%12,800,00	20161223256
B044<	90.01	-0.1	1.973<	61	%859.	0.238<	2.048	%12,799,99	20161223249
B044<	94.03	-0.1	1.976<	61	%857.	0.239<	2.250	%12,799,99	20161223249
B044<	97.98	-0.1	1.975<	61	%855.	0.239<	1.009	%12,799,99	20161223249
B045<	90.01	-0.2	1.932<	52	%932.	0.256<	0.718	%12,799,99	20161223250
B045<	93.98	-0.2	1.924<	52	%935.	0.256<	0.890	%12,799,99	20161223250
B045<	98.00	-0.2	1.937<	52	%937.	0.257<	0.961	%12,799,99	20161223250
B046<	89.99	0.3	2.035<	57	%899.	0.240<	0.355	%12,800,00	20161223251
B046<	93.99	0.2	2.039<	58	%896.	0.241<	0.499	%12,800,00	20161223251
B046<	98.02	0.2	2.046<	58	%891.	0.241<	0.543	%12,800,00	20161223251
B047<	90.02	0.3	2.371	71	%1,01	0.173	22.106<	%12,800,00	20161223252
B047<	94.01	0.5	2.376	71	%1,00	0.174	21.899<	%12,800,00	20161223252
B047<	97.97	0.5	2.380	71	%1,00	0.174	19.951<	%12,800,00	20161223252
B048<	89.97	-1.6<	3.207<	68	%1,04	0.175	0.369	%12,799,98	20161223245
B048<	93.99	-1.6<	3.211<	68	%1,04	0.175	0.387	%12,799,97	20161223245
B048<	98.01	-1.8<	3.215<	68	%1,03	0.176	0.426	%12,799,97	20161223245
B049<	89.97	-0.5	3.100<	68	%1,02	0.179	0.336	%12,799,99	20161223246
B049<	94.00	-0.4	3.106<	68	%1,02	0.180	0.349	%12,799,99	20161223246
B049<	97.98	-0.5	3.108<	68	%1,01	0.180	0.344	%12,799,99	20161223246
B050<	90.00	-0.5	2.598	53	%935.	0.249<	0.766	%12,799,99	20161223241
B050<	94.02	-0.5	2.604	53	%934.	0.249<	0.614	%12,799,99	20161223241
B050<	98.00	-0.4	2.606	53	%932.	0.250<	0.596	%12,799,99	20161223247
B051<	90.04	0.4	2.023<	59	%840.	0.249<	4.217<	%12,800,00	20161223248
B051<	94.01	0.3	2.028<	59	%840.	0.249<	4.177<	%12,800,00	20161223248
B051<	98.00	0.3	2.030<	59	%840.	0.250<	4.475<	%12,800,00	20161223248
B052<	90.01	0.2	2.070<	52	%952.	0.253<	0.352	%12,800,00	20161223241
B052<	93.98	0.1	2.077<	51	%951.	0.254<	0.379	%12,800,00	20161223241
B052<	98.00	0.1	2.078<	51	%949.	0.254<	0.392	%12,800,00	20161223241
B053<	89.99	-1.5<	3.104<	64	%1,04	0.187<	0.342	%12,799,98	20161223242
B053<	94.01	-1.5<	3.110<	64	%1,04	0.187<	0.335	%12,799,98	20161223242
B053<	97.98	-1.6<	3.112<	64	%1,04	0.188<	0.325	%12,799,97	20161223242
B054<	90.00	0.2	2.059<	64	%797<	0.243<	0.325	%12,800,00	20161223243
B054<	94.00	0.2	2.063<	64	%800.	0.243<	0.313	%12,800,00	20161223243
B054<	98.02	0.3	2.066<	63	%805.	0.244<	0.294	%12,800,00	20161223243
B055<	89.99	0.0	2.071<	53	%937.	0.251<	8.704<	%12,800,00	20161223244
B055<	94.02	0.0	2.077<	53	%937.	0.252<	8.510<	%12,799,99	20161223244
B055<	98.00	0.0	2.078<	53	%938.	0.252<	7.935<	%12,800,00	20161223244

B057<	90.02	-0.1	2.080<	53	%922.	0.253<	0.329	%12,799,99	20161223237
B057<	94.01	-0.1	2.086<	53	%921.	0.254<	0.320	%12,799,99	20161223237
B057<	97.99	-0.1	2.086<	53	%919.	0.254<	0.318	%12,799,99	20161223237
B058<	90.00	0.0	2.061<	52	%947.	0.251<	0.737	%12,800,00	20161223238
B058<	94.01	0.0	2.066<	52	%946.	0.252<	0.679	%12,800,00	20161223238
B058<	97.99	0.1	2.067<	52	%944.	0.252<	0.592	%12,800,00	20161223238
B059<	89.95	-0.1	1.995<	66	%764<	0.246<	0.803	%12,799,99	20161223239
B059<	93.99	-0.2	2.001<	66	%768<	0.247<	0.810	%12,799,99	20161223239
B059<	98.00	-0.1	2.002<	65	%768<	0.247<	0.795	%12,799,99	20161223239
B060<	90.00	0.0	2.019<	60	%834.	0.247<	1.011	%12,799,99	20161223240
B060<	94.00	-0.1	2.024<	60	%833.	0.248<	0.832	%12,799,99	20161223240
B060<	98.02	0.0	2.024<	61	%824.	0.248<	0.841	%12,800,00	20161223240
B061<	90.04	-0.1	1.980<	58	%864.	0.248<	6.672<	%12,799,99	20161223233
B061<	94.00	-0.2	1.986<	58	%862.	0.249<	5.634<	%12,799,99	20161223233
B061<	97.98	-0.2	1.985<	64	%775<	0.249<	4.175<	%12,799,99	20161223233
B062<	89.99	-0.4	2.020<	56	%898.	0.246<	0.857	%12,799,99	20161223234
B062<	94.03	-0.4	2.024<	56	%900.	0.247<	0.804	%12,799,99	20161223234
B062<	98.02	-0.3	2.024<	56	%895.	0.247<	0.830	%12,799,99	20161223234
B063<	90.01	-0.1	2.093<	55	%922.	0.247<	0.640	%12,799,99	20161223235
B063<	94.00	-0.2	2.096<	55	%920.	0.247<	0.689	%12,799,99	20161223235
B063<	97.99	-0.2	2.097<	55	%918.	0.248<	0.807	%12,799,99	20161223235
B065<	90.02	-0.1	3.085<	71	%1,02	0.171	0.523	%12,799,99	20161223236
B065<	94.02	-0.3	3.091<	71	%1,02	0.172	0.505	%12,799,99	20161223236
B065<	97.99	-0.4	3.090<	71	%1,01	0.172	0.528	%12,799,99	20161223236
B066<	90.02	0.1	2.035<	50	%954.	0.258<	0.361	%12,800,00	20161223229
B066<	93.97	0.1	2.038<	50	%952.	0.259<	0.353	%12,800,00	20161223229
B066<	97.98	0.1	2.037<	51	%949.	0.259<	0.337	%12,800,00	20161223229
B067<	90.01	0.1	2.039<	52	%926.	0.257<	0.325	%12,800,00	20161223230
B067<	93.98	0.1	2.043<	52	%923.	0.258<	0.351	%12,800,00	20161223230
B067<	98.04	0.2	2.044<	52	%921.	0.258<	0.335	%12,800,00	20161223230
B069<	90.02	0.3	2.050<	54	%933.	0.247<	0.303	%12,800,00	20161223231
B069<	94.04	0.2	2.055<	54	%930.	0.248<	0.330	%12,800,00	20161223231
B069<	98.03	0.2	2.056<	54	%928.	0.248<	0.309	%12,800,00	20161223231
B070<	89.98	-0.1	2.056<	71	%753<	0.232<	3.359	%12,799,99	20161223232
B070<	93.99	-0.2	2.061<	72	%747<	0.232<	2.729	%12,799,99	20161223232
B070<	97.98	-0.1	2.062<	71	%749<	0.233<	2.341	%12,799,99	20161223232
B071<	90.01	0.0	2.044<	55	%919.	0.247<	0.546	%12,800,00	20161223225
B071<	94.01	0.0	2.049<	55	%917.	0.247<	0.510	%12,799,99	20161223225
B071<	98.02	0.0	2.050<	55	%916.	0.248<	0.575	%12,800,00	20161223225
B072<	90.04	-1.2	3.101<	65	%1,04	0.184<	0.289	%12,799,98	20161223226
B072<	94.02	-1.2	3.105<	65	%1,03	0.185<	0.301	%12,799,98	20161223226
B072<	97.98	-1.3	3.107<	65	%1,03	0.185<	0.327	%12,799,98	20161223226
B074<	89.99	0.6	3.493<	64	%992.	0.196<	0.360	%12,800,00	20161223225
B074<	93.98	0.6	3.498<	64	%990.	0.197<	0.328	%12,800,00	20161223227
B074<	98.00	0.5	3.500<	64	%988.	0.197<	0.333	%12,800,00	20161223227
B075<	90.00	-0.2	2.061<	54	%922.	0.252<	2.689	%12,799,99	20161223228
B075<	93.98	-0.2	2.066<	53	%923.	0.252<	1.693	%12,799,99	20161223228
B075<	97.99	-0.1	2.067<	53	%921.	0.253<	1.259	%12,799,99	20161223228
B076<	90.00	0.3	2.063<	54	%937.	0.245<	0.357	%12,800,00	20161223221

B076<	94.00	0.2	2.067<	54	%933.	0.246<	0.591	%12,800,00	20161223221
B076<	97.97	0.2	2.070<	54	%933.	0.246<	0.451	%12,800,00	20161223221
B080<	89.98	0.1	1.989<	71	%787<	0.223<	2.556	%12,800,00	20161223222
B080<	94.00	0.1	1.993<	71	%786<	0.223<	2.917	%12,800,00	20161223222
B080<	97.99	0.2	1.996<	71	%783<	0.223<	4.609<	%12,800,00	20161223222
B081<	89.97	0.1	1.986<	52	%950.	0.251<	0.502	%12,800,00	20161223223
B081<	94.01	-0.1	1.990<	52	%949.	0.252<	0.578	%12,799,99	20161223223
B081<	97.97	-0.1	1.992<	52	%948.	0.252<	0.652	%12,799,99	20161223223
B082<	89.99	-0.7	2.482	69	%1,01	0.179	0.609	%12,799,99	20161223224
B082<	93.99	-0.7	2.480	79	%870.	0.180	16.521<	%12,799,99	20161223224
B082<	97.99	-0.7	2.476	69	%1,00	0.180	0.617	%12,799,99	20161223224