

Calibration Input In 1		Results			
Calibration Input	ADCdisplay	Slope	Intercept	Expected Result	Disply reading
1	8006	0.0323	-258.42	0.1738	1
2	8069	0.0323	-258.42	2.2087	2
3	8101	0.0323	-258.42	3.2423	
4	8131	0.0323	-258.42	4.2113	
5	8163	0.0323	-258.42	5.2449	
6	8195	0.0323	-258.42	6.2785	
7	8225	0.0323	-258.42	7.2475	
8	8256	0.0323	-258.42	8.2488	
9	8288	0.0323	-258.42	9.2824	
10	8319	0.0323	-258.42	10.2837	10
11	8350	0.0323	-258.42	11.285	
12	8382	0.0323	-258.42	12.3186	
13	8412	0.0323	-258.42	13.2876	
14	8444	0.0323	-258.42	14.3212	
15	8475	0.0323	-258.42	15.3225	
16	8506	0.0323	-258.42	16.3238	
17	8537	0.0323	-258.42	17.3251	
18	8568	0.0323	-258.42	18.3264	
19	8599	0.0323	-258.42	19.3277	
20	8631	0.0323	-258.42	20.3613	20
21	8661	0.0323	-258.42	21.3303	
22	8692	0.0323	-258.42	22.3316	
23	8723	0.0323	-258.42	23.3329	
24	8755	0.0323	-258.42	24.3665	
25	8786	0.0323	-258.42	25.3678	
26	8817	0.0323	-258.42	26.3691	
27	8848	0.0323	-258.42	27.3704	
28	8878	0.0323	-258.42	28.3394	
29	8909	0.0323	-258.42	29.3407	
30	8941	0.0323	-258.42	30.3743	30
31	8971	0.0323	-258.42	31.3433	
32	9003	0.0323	-258.42	32.3769	
33	9034	0.0323	-258.42	33.3782	
34	9065	0.0323	-258.42	34.3795	
35	9095	0.0323	-258.42	35.3485	
36	9126	0.0323	-258.42	36.3498	
37	9157	0.0323	-258.42	37.3511	
38	9188	0.0323	-258.42	38.3524	
39	9219	0.0323	-258.42	39.3537	
40	9250	0.0323	-258.42	40.355	40
41	9281	0.0323	-258.42	41.3563	
42	9311	0.0323	-258.42	42.3253	
43	9343	0.0323	-258.42	43.3589	
44	9373	0.0323	-258.42	44.3279	
45	9404	0.0323	-258.42	45.3292	
46	9435	0.0323	-258.42	46.3305	
47	9466	0.0323	-258.42	47.3318	
48	9497	0.0323	-258.42	48.3331	
49	9527	0.0323	-258.42	49.3021	
50	9526	0.0323	-258.42	49.2698	50

51	9589	0.0323	-258.42	51.3047	
52	9620	0.0323	-258.42	52.306	
53	9651	0.0323	-258.42	53.3073	
54	9681	0.0323	-258.42	54.2763	
55	9712	0.0323	-258.42	55.2776	
56	9743	0.0323	-258.42	56.2789	
57	9774	0.0323	-258.42	57.2802	
58	9805	0.0323	-258.42	58.2815	
59	9836	0.0323	-258.42	59.2828	
60	9866	0.0323	-258.42	60.2518	60
61	9897	0.0323	-258.42	61.2531	
62	9928	0.0323	-258.42	62.2544	
63	9959	0.0323	-258.42	63.2557	
64	9989	0.0323	-258.42	64.2247	
65	20	0.0323	-258.42	-257.774	
66	50	0.0323	-258.42	-256.805	
67	81	0.0323	-258.42	-255.8037	
68	112	0.0323	-258.42	-254.8024	
69	135	0.0323	-258.42	-254.0595	
70	173	0.0323	-258.42	-252.8321	70
71	203	0.0323	-258.42	-251.8631	
72	234	0.0323	-258.42	-250.8618	
73	265	0.0323	-258.42	-249.8605	
74	295	0.0323	-258.42	-248.8915	
75	326	0.0323	-258.42	-247.8902	
76	356	0.0323	-258.42	-246.9212	
77	387	0.0323	-258.42	-245.9199	
78	417	0.0323	-258.42	-244.9509	
79	448	0.0323	-258.42	-243.9496	
80	478	0.0323	-258.42	-242.9806	79
81	509	0.0323	-258.42	-241.9793	
82	539	0.0323	-258.42	-241.0103	
83	570	0.0323	-258.42	-240.009	
84	600	0.0323	-258.42	-239.04	
85	631	0.0323	-258.42	-238.0387	
86	662	0.0323	-258.42	-237.0374	
87	691	0.0323	-258.42	-236.1007	
88	723	0.0323	-258.42	-235.0671	
89	753	0.0323	-258.42	-234.0981	
90	784	0.0323	-258.42	-233.0968	89
91	814	0.0323	-258.42	-232.1278	
92	844	0.0323	-258.42	-231.1588	
93	874	0.0323	-258.42	-230.1898	
94	905	0.0323	-258.42	-229.1885	
95	936	0.0323	-258.42	-228.1872	
96	966	0.0323	-258.42	-227.2182	
97	990	0.0323	-258.42	-226.443	
98	1020	0.0323	-258.42	-225.474	
99	1050	0.0323	-258.42	-224.505	
100	1080	0.0332	64.053	99.909	99
101	1109	0.0332	64.053	100.8718	
102	1141	0.0332	64.053	101.9342	

103	1172	0.0332	64.053	102.9634	
104	1203	0.0332	64.053	103.9926	
105	1232	0.0332	64.053	104.9554	
106	1263	0.0332	64.053	105.9846	
107	1294	0.0332	64.053	107.0138	
108	1324	0.0332	64.053	108.0098	
109	1354	0.0332	64.053	109.0058	
110	1384	0.0332	64.053	110.0018	109
111	1414	0.0332	64.053	110.9978	
112	1444	0.0332	64.053	111.9938	
113	1474	0.0332	64.053	112.9898	
114	1504	0.0332	64.053	113.9858	
115	1534	0.0332	64.053	114.9818	
116	1564	0.0332	64.053	115.9778	
117	1594	0.0332	64.053	116.9738	
118	1624	0.0332	64.053	117.9698	
119	1654	0.0332	64.053	118.9658	
120	1687	0.0332	64.053	120.0614	119
121	1717	0.0332	64.053	121.0574	
122	1747	0.0332	64.053	122.0534	
123	1777	0.0332	64.053	123.0494	
124	1807	0.0332	64.053	124.0454	
125	1837	0.0332	64.053	125.0414	
126	1867	0.0332	64.053	126.0374	
127	1897	0.0332	64.053	127.0334	
128	1927	0.0332	64.053	128.0294	
129	1957	0.0332	64.053	129.0254	
130	1987	0.0332	64.053	130.0214	128
131	2017	0.0332	64.053	131.0174	
132	2047	0.0332	64.053	132.0134	
133	2077	0.0332	64.053	133.0094	
134	2107	0.0332	64.053	134.0054	
135	2137	0.0332	64.053	135.0014	
136	2167	0.0332	64.053	135.9974	
137	2197	0.0332	64.053	136.9934	
138	2227	0.0332	64.053	137.9894	
139	2257	0.0332	64.053	138.9854	
140	2288	0.0332	64.053	140.0146	138
141	2315	0.0332	64.053	140.911	
142	2345	0.0332	64.053	141.907	
143	2375	0.0332	64.053	142.903	
144	2405	0.0332	64.053	143.899	
145	2435	0.0332	64.053	144.895	
146	2465	0.0332	64.053	145.891	
147	2495	0.0332	64.053	146.887	
148	2525	0.0332	64.053	147.883	
149	2555	0.0332	64.053	148.879	
150	2585	0.0332	64.053	149.875	148
151	2617	0.0338	62.567	151.0216	
152	2647	0.0338	62.567	152.0356	
153	2677	0.0338	62.567	153.0496	
154	2706	0.0338	62.567	154.0298	

155	2737	0.0338	62.567	155.0776	
156	2767	0.0338	62.567	156.0916	
157	2796	0.0338	62.567	157.0718	
158	2826	0.0338	62.567	158.0858	
159	2856	0.0338	62.567	159.0998	
160	2886	0.0338	62.567	160.1138	157
161	2915	0.0338	62.567	161.094	
162	2946	0.0338	62.567	162.1418	
163	2976	0.0338	62.567	163.1558	
164	3005	0.0338	62.567	164.136	
165	3035	0.0338	62.567	165.15	
166	3064	0.0338	62.567	166.1302	
167	3094	0.0338	62.567	167.1442	
168	3123	0.0338	62.567	168.1244	
169	3153	0.0338	62.567	169.1384	
170	3183	0.0338	62.567	170.1524	167
171	3212	0.0338	62.567	171.1326	
172	3241	0.0338	62.567	172.1128	
173	3272	0.0338	62.567	173.1606	
174	3301	0.0338	62.567	174.1408	
175	3331	0.0338	62.567	175.1548	
176	3361	0.0338	62.567	176.1688	
177	3390	0.0338	62.567	177.149	
178	3420	0.0338	62.567	178.163	
179	3450	0.0338	62.567	179.177	
180	3479	0.0338	62.567	180.1572	177
181	3509	0.0338	62.567	181.1712	
182	3539	0.0338	62.567	182.1852	
183	3568	0.0338	62.567	183.1654	
184	3598	0.0338	62.567	184.1794	
185	3627	0.0338	62.567	185.1596	
186	3656	0.0338	62.567	186.1398	
187	3686	0.0338	62.567	187.1538	
188	3715	0.0338	62.567	188.134	
189	3745	0.0338	62.567	189.148	
190	3775	0.0338	62.567	190.162	186
191	3803	0.0338	62.567	191.1084	
192	3833	0.0338	62.567	192.1224	
193	3863	0.0338	62.567	193.1364	
194	3892	0.0338	62.567	194.1166	
195	3922	0.0338	62.567	195.1306	
196	3951	0.0338	62.567	196.1108	
197	3981	0.0338	62.567	197.1248	
198	4010	0.0338	62.567	198.105	
199	4039	0.0338	62.567	199.0852	
200	4068	0.0338	62.567	200.0654	196
201	4098	0.0345	59.235	200.616	
202	4127	0.0345	59.235	201.6165	
203	4156	0.0345	59.235	202.617	
204	4185	0.0345	59.235	203.6175	
205	4214	0.0345	59.235	204.618	
206	4243	0.0345	59.235	205.6185	

207	4273	0.0345	59.235	206.6535	
208	4302	0.0345	59.235	207.654	
209	4332	0.0345	59.235	208.689	
210	4362	0.0345	59.235	209.724	205
211	4390	0.0345	59.235	210.69	
212	4420	0.0345	59.235	211.725	
213	4448	0.0345	59.235	212.691	
214	4478	0.0345	59.235	213.726	
215	4508	0.0345	59.235	214.761	
216	4537	0.0345	59.235	215.7615	
217	4567	0.0345	59.235	216.7965	
218	4596	0.0345	59.235	217.797	
219	4625	0.0345	59.235	218.7975	
220	4655	0.0345	59.235	219.8325	214
221	4683	0.0345	59.235	220.7985	
222	4713	0.0345	59.235	221.8335	
223	4744	0.0345	59.235	222.903	
224	4771	0.0345	59.235	223.8345	
225	4801	0.0345	59.235	224.8695	
226	4830	0.0345	59.235	225.87	
227	4859	0.0345	59.235	226.8705	
228	4889	0.0345	59.235	227.9055	
229	4917	0.0345	59.235	228.8715	
230	4946	0.0345	59.235	229.872	224
231	4975	0.0345	59.235	230.8725	
232	5004	0.0345	59.235	231.873	
233	5033	0.0345	59.235	232.8735	
234	5062	0.0345	59.235	233.874	
235	5092	0.0345	59.235	234.909	
236	5121	0.0345	59.235	235.9095	
237	5150	0.0345	59.235	236.91	
238	5179	0.0345	59.235	237.9105	
239	5208	0.0345	59.235	238.911	
240	5237	0.0345	59.235	239.9115	233
241	5266	0.0345	59.235	240.912	
242	5295	0.0345	59.235	241.9125	
243	5324	0.0345	59.235	242.913	
244	5354	0.0345	59.235	243.948	
245	5382	0.0345	59.235	244.914	
246	5411	0.0345	59.235	245.9145	
247	5440	0.0345	59.235	246.915	
248	5470	0.0345	59.235	247.95	
249	5498	0.0345	59.235	248.916	
250	5528	0.0345	59.235	249.951	242
251	5556	0.0345	59.235	250.917	
252	5585	0.0345	59.235	251.9175	
253	5613	0.0345	59.235	252.8835	
254	5643	0.0345	59.235	253.9185	
255	5672	0.0345	59.235	254.919	
256	5702	0.0345	59.235	255.954	
257	5731	0.0345	59.235	256.9545	
258	5760	0.0345	59.235	257.955	

259	5788	0.0345	59.235	258.921	
260	5816	0.0345	59.235	259.887	252
261	5846	0.0345	59.235	260.922	
262	5875	0.0345	59.235	261.9225	
263	5904	0.0345	59.235	262.923	
264	5932	0.0345	59.235	263.889	
265	5961	0.0345	59.235	264.8895	
266	5990	0.0345	59.235	265.89	
267	6018	0.0345	59.235	266.856	
268	6046	0.0345	59.235	267.822	
269	6075	0.0345	59.235	268.8225	
270	6104	0.0345	59.235	269.823	261
271	6133	0.0345	59.235	270.8235	
272	6162	0.0345	59.235	271.824	
273	6191	0.0345	59.235	272.8245	
274	6219	0.0345	59.235	273.7905	
275	6248	0.0345	59.235	274.791	
276	6277	0.0345	59.235	275.7915	
277	6305	0.0345	59.235	276.7575	
278	6334	0.0345	59.235	277.758	
279	6363	0.0345	59.235	278.7585	
280	6391	0.0345	59.235	279.7245	270
281	6420	0.0345	59.235	280.725	
282	6447	0.0345	59.235	281.6565	
283	6476	0.0345	59.235	282.657	
284	6506	0.0345	59.235	283.692	
285	6534	0.0345	59.235	284.658	
286	6564	0.0345	59.235	285.693	
287	6591	0.0345	59.235	286.6245	
288	6620	0.0345	59.235	287.625	
289	6649	0.0345	59.235	288.6255	
290	6678	0.0345	59.235	289.626	279
291	6706	0.0345	59.235	290.592	
292	6735	0.0345	59.235	291.5925	
293	6764	0.0345	59.235	292.593	
294	6792	0.0345	59.235	293.559	
295	6821	0.0345	59.235	294.5595	
296	6848	0.0345	59.235	295.491	
297	6877	0.0345	59.235	296.4915	
298	6906	0.0345	59.235	297.492	
299	6935	0.0345	59.235	298.4925	
300	6962	0.0345	59.235	299.424	289
301	6990	0.0345	59.235	300.39	
302	7020	0.0345	59.235	301.425	
303	7047	0.0345	59.235	302.3565	
304	7076	0.0345	59.235	303.357	
305	7104	0.0345	59.235	304.323	
306	7133	0.0345	59.235	305.3235	
307	7162	0.0345	59.235	306.324	
308	7189	0.0345	59.235	307.2555	
309	7219	0.0345	59.235	308.2905	
310	7248	0.0345	59.235	309.291	298

311	7275	0.0345	59.235	310.2225	
312	7304	0.0345	59.235	311.223	
313	7332	0.0345	59.235	312.189	
314	7361	0.0345	59.235	313.1895	
315	7389	0.0345	59.235	314.1555	
316	7418	0.0345	59.235	315.156	
317	7445	0.0345	59.235	316.0875	
318	7475	0.0345	59.235	317.1225	
319	7502	0.0345	59.235	318.054	
320	7531	0.0345	59.235	319.0545	305
321	7559	0.0345	59.235	320.0205	
322	7588	0.0345	59.235	321.021	
323	7615	0.0345	59.235	321.9525	
324	7645	0.0345	59.235	322.9875	
325	7672	0.0345	59.235	323.919	
326	7701	0.0345	59.235	324.9195	
327	7729	0.0345	59.235	325.8855	
328	7758	0.0345	59.235	326.886	
329	7786	0.0345	59.235	327.852	
330	7814	0.0345	59.235	328.818	316
331	7842	0.0345	59.235	329.784	
332	7870	0.0345	59.235	330.75	
333	7898	0.0345	59.235	331.716	
334	7926	0.0345	59.235	332.682	
335	7954	0.0345	59.235	333.648	
336	7982	0.0345	59.235	334.614	
337	8011	0.0345	59.235	335.6145	
338	8039	0.0345	59.235	336.5805	
339	8068	0.0345	59.235	337.581	
340	8096	0.0345	59.235	338.547	325
341	8125	0.0345	59.235	339.5475	
342	8152	0.0345	59.235	340.479	
343	8181	0.0345	59.235	341.4795	
344	8208	0.0345	59.235	342.411	
345	8236	0.0345	59.235	343.377	
346	8264	0.0345	59.235	344.343	
347	8292	0.0345	59.235	345.309	
348	8320	0.0345	59.235	346.275	
349	8348	0.0345	59.235	347.241	
350	8376	0.0345	59.235	348.207	334
351	8404	0.0345	59.235	349.173	
352	8432	0.0345	59.235	350.139	
353	8459	0.0345	59.235	351.0705	
354	8488	0.0345	59.235	352.071	
355	8515	0.0345	59.235	353.0025	
356	8543	0.0345	59.235	353.9685	
357	8571	0.0345	59.235	354.9345	
358	8599	0.0345	59.235	355.9005	
359	8627	0.0345	59.235	356.8665	
360	8654	0.0345	59.235	357.798	343
361	8682	0.0345	59.235	358.764	
362	8710	0.0345	59.235	359.73	

363	8738	0.0345	59.235	360.696	
364	8766	0.0345	59.235	361.662	
365	8794	0.0345	59.235	362.628	
366	8823	0.0345	59.235	363.6285	
367	8850	0.0345	59.235	364.56	
368	8879	0.0345	59.235	365.5605	
369	8906	0.0345	59.235	366.492	
370	8934	0.0345	59.235	367.458	352
371	8961	0.0345	59.235	368.3895	
372	8989	0.0345	59.235	369.3555	
373	9016	0.0345	59.235	370.287	
374	9045	0.0345	59.235	371.2875	
375	9072	0.0345	59.235	372.219	
376	9100	0.0345	59.235	373.185	
377	9128	0.0345	59.235	374.151	
378	9155	0.0345	59.235	375.0825	
379	9183	0.0345	59.235	376.0485	
380	9211	0.0345	59.235	377.0145	361
381	9239	0.0345	59.235	377.9805	
382	9266	0.0345	59.235	378.912	
383	9294	0.0345	59.235	379.878	
384	9322	0.0345	59.235	380.844	
385	9350	0.0345	59.235	381.81	
386	9377	0.0345	59.235	382.7415	
387	9405	0.0345	59.235	383.7075	
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