

	R (Ohm) "=B3*100000"	R fest (ohm)	Uadc	Upin "E3*(C3/(C3+D3))"	
-60	140.5	14050000	100000	5	4.964664311
-50	67.01	6701000	100000	5	4.9264814
-40	33.65	3365000	100000	5	4.855699856
-30	17.7	1770000	100000	5	4.732620321
-20	9.707	970700	100000	5	4.533015784
-10	5.533	553300	100000	5	4.234654829
0	3.265	326500	100000	5	3.827667057
10	1.99	199000	100000	5	3.327759197
20	1.249	124900	100000	5	2.776789684
25	1	100000	100000	5	2.5
30	0.8057	80570	100000	5	2.230990752
40	0.5327	53270	100000	5	1.737782997
50	0.3603	36030	100000	5	1.324340219
60	0.2488	24880	100000	5	0.99615631
70	0.1752	17520	100000	5	0.745405037
80	0.1258	12580	100000	5	0.558713804
90	0.09177	9177	100000	5	0.420280828
100	0.068	6800	100000	5	0.31835206
110	0.05112	5112	100000	5	0.243169191
120	0.03893	3893	100000	5	0.187356222
125	0.03417	3417	100000	5	0.165204947
130	0.03009	3009	100000	5	0.146055199
140	0.02348	2348	100000	5	0.114706687
150	0.01853	1853	100000	5	0.090964429
160	0.01479	1479	100000	5	0.07287222
180	0.00968	968	100000	5	0.04793598
200	0.006559	655.9	100000	5	0.032581299
220	0.004581	458.1	100000	5	0.022800551
240	0.003286	328.6	100000	5	0.016376188
260	0.002415	241.5	100000	5	0.012045909
280	0.001814	181.4	100000	5	0.009053577
300	0.00139	139	100000	5	0.006940353

ADC-Wert
"=F3/(E3/J3)"

ADC-Auflösung + 1
(z.B. 1024 für 10bit
ADC

1016.763251	1024
1008.943391	1024
994.4473304	1024
969.2406417	1024
928.3616326	1024
867.257309	1024
783.9062134	1024
681.5250836	1024
568.6865273	1024
512	1024
456.9069059	1024
355.8979579	1024
271.2248769	1024
204.0128123	1024
152.6589517	1024
114.424587	1024
86.07351365	1024
65.19850187	1024
49.80105031	1024
38.37055432	1024
33.83397314	1024
29.91210477	1024
23.4919295	1024
18.62951509	1024
14.92423063	1024
9.817288646	1024
6.672650088	1024
4.669552779	1024
3.353843271	1024
2.46700219	1024
1.854172531	1024
1.421384276	1024