

final amplification				
rough setting	fine setting	resistance 1	resistance 2	amplification
switch 3S6 (left)	switch 3S11 (right)	[kΩ]	[kΩ]	
{0, 0, 0, 0}	{1, 1, 1, 1}	1000.	0.1	0.0021
{0, 0, 0, 0}	{1, 1, 1, 0}	1000.	0.2	0.0042
{0, 0, 0, 1}	{1, 1, 1, 1}	500.	0.1	0.0042
{0, 0, 0, 0}	{1, 1, 0, 1}	1000.	0.3	0.0063
{0, 0, 0, 0}	{1, 1, 0, 0}	1000.	0.4	0.0084
{0, 0, 0, 1}	{1, 1, 1, 0}	500.	0.2	0.0084
{0, 0, 0, 0}	{1, 0, 1, 1}	1000.	0.49	0.0103
{0, 0, 0, 0}	{1, 0, 1, 0}	1000.	0.59	0.0124
{0, 0, 0, 1}	{1, 0, 1, 1}	500.	0.3	0.0126
{0, 0, 0, 0}	{1, 0, 0, 1}	1000.	0.69	0.0145
{0, 0, 0, 0}	{1, 0, 1, 1}	1000.	0.78	0.0164
{0, 0, 0, 0}	{1, 0, 0, 0}	1000.	0.79	0.0166
{0, 0, 0, 1}	{1, 1, 0, 0}	500.	0.4	0.0168
{0, 0, 0, 0}	{0, 1, 1, 0}	1000.	0.88	0.0185
{0, 0, 0, 0}	{0, 1, 0, 1}	1000.	0.98	0.0206
{0, 0, 0, 1}	{0, 1, 0, 1}	500.	0.49	0.0206
{0, 0, 0, 0}	{0, 1, 0, 0}	1000.	1.08	0.0227
{0, 0, 1, 0}	{1, 1, 1, 1}	90.9	0.1	0.0231
{0, 0, 0, 1}	{0, 0, 1, 1}	1000.	1.17	0.0245
{0, 0, 0, 1}	{1, 0, 1, 0}	500.	0.59	0.0248
{0, 0, 1, 1}	{1, 1, 1, 1}	83.3	0.1	0.0252
{0, 0, 0, 0}	{0, 0, 1, 0}	1000.	1.27	0.0266
{0, 0, 0, 0}	{0, 0, 0, 1}	1000.	1.37	0.0287
{0, 0, 0, 1}	{1, 0, 0, 1}	500.	0.69	0.0289
{0, 0, 0, 0}	{0, 0, 0, 0}	1000.	1.47	0.0308
{0, 0, 0, 1}	{0, 1, 1, 1}	500.	0.78	0.0327
{0, 0, 0, 1}	{1, 0, 0, 0}	500.	0.79	0.0331
{0, 0, 0, 1}	{0, 1, 1, 0}	500.	0.88	0.0369
{0, 0, 0, 1}	{0, 1, 0, 1}	500.	0.98	0.0411
{0, 0, 0, 1}	{0, 1, 0, 0}	500.	1.08	0.0453
{0, 0, 1, 0}	{1, 1, 1, 0}	90.9	0.2	0.0461
{0, 0, 0, 1}	{0, 0, 1, 1}	500.	1.17	0.049
{0, 0, 1, 1}	{1, 1, 1, 0}	83.3	0.2	0.0503
{0, 0, 0, 1}	{0, 0, 1, 0}	500.	1.27	0.0532
{0, 0, 0, 1}	{0, 0, 0, 1}	500.	1.37	0.0574
{0, 0, 0, 1}	{0, 0, 0, 0}	500.	1.47	0.0616
{0, 0, 1, 0}	{1, 1, 0, 1}	90.9	0.3	0.0691
{0, 0, 1, 1}	{1, 1, 0, 1}	83.3	0.3	0.0753
{0, 0, 1, 0}	{1, 1, 0, 0}	90.9	0.4	0.092
{0, 0, 1, 1}	{1, 1, 0, 0}	83.3	0.4	0.1
{0, 0, 1, 0}	{1, 0, 1, 1}	90.9	0.49	0.113
{0, 0, 1, 1}	{1, 0, 1, 1}	83.3	0.49	0.123
{0, 0, 1, 0}	{1, 0, 1, 0}	90.9	0.59	0.135
{0, 0, 1, 1}	{1, 0, 1, 0}	83.3	0.59	0.148
{0, 0, 1, 0}	{1, 0, 0, 1}	90.9	0.69	0.158
{0, 0, 1, 1}	{1, 0, 0, 1}	83.3	0.69	0.173
{0, 0, 1, 0}	{0, 1, 1, 1}	90.9	0.78	0.179
{0, 0, 1, 0}	{1, 0, 0, 0}	90.9	0.79	0.181
{0, 0, 1, 1}	{0, 1, 1, 1}	83.3	0.78	0.195
{0, 0, 1, 1}	{1, 0, 0, 0}	83.3	0.79	0.197
{0, 0, 1, 0}	{0, 1, 1, 0}	90.9	0.88	0.201
{0, 1, 0, 0}	{1, 1, 1, 1}	9.9	0.1	0.21
{0, 1, 0, 1}	{1, 1, 1, 1}	9.8	0.1	0.212
{0, 0, 1, 1}	{0, 1, 1, 0}	83.3	0.88	0.219
{0, 0, 1, 0}	{0, 1, 0, 1}	90.9	0.98	0.224
{0, 1, 1, 0}	{1, 1, 1, 1}	9.01	0.1	0.231
{0, 1, 1, 1}	{1, 1, 1, 1}	8.93	0.1	0.233
{0, 0, 1, 1}	{0, 1, 0, 1}	83.3	0.98	0.244
{0, 0, 1, 0}	{0, 1, 0, 0}	90.9	1.08	0.247
{0, 0, 1, 0}	{0, 0, 1, 1}	90.9	1.17	0.267
{0, 0, 1, 1}	{0, 1, 0, 0}	83.3	1.08	0.269
{0, 0, 1, 0}	{0, 0, 1, 0}	90.9	1.27	0.289
{0, 0, 1, 1}	{0, 0, 0, 1}	83.3	1.17	0.291
{0, 0, 1, 0}	{0, 0, 0, 1}	90.9	1.37	0.312
{0, 0, 1, 1}	{0, 0, 0, 0}	83.3	1.27	0.315
{0, 0, 1, 0}	{0, 0, 0, 0}	90.9	1.47	0.334
{0, 0, 1, 1}	{0, 0, 0, 1}	83.3	1.37	0.34
{0, 0, 1, 1}	{0, 0, 0, 0}	83.3	1.47	0.364
{0, 0, 1, 0}	{1, 1, 0, 0}	9.9	0.2	0.416
{0, 1, 0, 1}	{1, 1, 1, 0}	9.8	0.2	0.42
{0, 1, 1, 0}	{1, 1, 1, 0}	9.01	0.2	0.456
{0, 1, 1, 1}	{1, 1, 1, 0}	8.93	0.2	0.46
{0, 1, 0, 0}	{1, 1, 0, 1}	9.9	0.3	0.618
{0, 1, 0, 1}	{1, 1, 0, 1}	9.8	0.3	0.624
{0, 1, 1, 0}	{1, 1, 0, 1}	9.01	0.3	0.677
{0, 1, 1, 1}	{1, 1, 0, 1}	8.93	0.3	0.683
{0, 1, 0, 0}	{1, 1, 0, 0}	9.9	0.4	0.815
{0, 1, 0, 1}	{1, 1, 0, 0}	9.8	0.4	0.823
{0, 1, 1, 0}	{1, 1, 0, 0}	9.01	0.59	1.29
{0, 1, 1, 1}	{1, 1, 0, 0}	8.93	0.59	1.3
{0, 1, 0, 0}	{1, 0, 1, 1}	9.9	0.69	1.37
{0, 1, 0, 1}	{1, 0, 1, 1}	9.8	0.69	1.38
{0, 1, 1, 0}	{1, 0, 1, 1}	9.01	0.69	1.49
{0, 1, 1, 1}	{1, 0, 1, 1}	8.93	0.69	1.51
{0, 1, 0, 0}	{0, 1, 1, 1}	9.9	0.78	1.53
{0, 1, 0, 1}	{0, 1, 1, 1}	9.8	0.78	1.55
{0, 1, 0, 0}	{1, 0, 0, 0}	9.9	0.79	1.55
{0, 1, 0, 1}	{1, 0, 0, 0}	9.8	0.79	1.57
{0, 1, 1, 0}	{0, 1, 1, 1}	9.01	0.78	1.67
{0, 1, 1, 1}	{0, 1, 1, 1}	8.93	0.78	1.69
{0, 1, 0, 0}	{1, 0, 0, 0}	9.01	0.79	1.69
{0, 1, 0, 1}	{1, 0, 0, 0}	8.93	0.79	1.71
{0, 1, 1, 0}	{1, 0, 0, 1}	9.01	0.69	1.71
{0, 1, 1, 1}	{1, 0, 0, 1}	8.93	0.69	1.72
{0, 1, 0, 0}	{0, 0, 1, 0}	9.9	0.49	0.99
{0, 1, 0, 1}	{0, 0, 1, 1}	9.9	0.49	1.
{0, 1, 1, 0}	{0, 0, 1, 1}	9.01	0.49	1.08
{0, 1, 1, 1}	{0, 0, 1, 1}	8.93	0.49	1.09
{0, 1, 0, 0}	{0, 0, 0, 1}	9.9	0.59	1.09
{0, 1, 0, 1}	{0, 0, 0, 1}	8.93	0.59	1.24
{0, 1, 1, 0}	{0, 0, 0, 1}	9.01	0.59	1.24
{0, 1, 1, 1}	{0, 0, 0, 1}	8.93	0.59	1.43
{0, 1, 0, 0}	{0, 0, 0, 0}	9.9	1.37	2.55
{0, 1, 0, 1}	{0, 0, 0, 0}	9.8	1.37	2.57
{0, 1, 1, 0}	{0, 0, 0, 0}	9.01	1.27	2.59
{0, 1, 1, 1}	{0, 0, 0, 0}	8.93	1.27	2.62
{0, 1, 0, 0}	{0, 0, 0, 0}	9.9	1.47	2.71
{0, 1, 0, 1}	{0, 0, 0, 0}	9.8	1.47	2.74
{0, 1, 1, 0}	{0, 0, 0, 1}	9.01	1.37	2.77
{0, 1, 1, 1}	{0, 0, 0, 1}	8.93	1.37	2.79
{0, 1, 0, 0}	{0, 0, 0, 0}	9.9	1.47	2.95
{0, 1, 0, 1}	{0, 0, 0, 0}	8.93	1.47	2.97
{0, 1, 1, 0}	{0, 0, 0, 0}	9.01	1.47	2.97
{0, 1, 1, 1}	{0, 0, 0, 0}	8.93	1.47	2.97
{0, 1, 0, 0}	{1, 1, 0, 0}	9.9	0.59	3.51
{0, 1, 0, 1}	{1, 1, 0, 0}	9.8	0.59	3.53
{0, 1, 1, 0}	{1, 1, 0, 0}	9.01	0.59	3.53
{0, 1, 1, 1}	{1, 1, 0, 0}	8.93	0.59	3.53
{0, 1, 0, 0}	{1, 0, 1, 0}	9.9	0.69	3.59
{0, 1, 0, 1}	{1, 0, 1, 0}	9.8	0.69	3.59
{0, 1, 1, 0}	{1, 0, 1, 0}	9.01	0.59	3.79
{0, 1, 1, 1}	{1, 0,			