



ADL8107 External RBIAS Resistor (R1) Revision for ADL8107

Data Sheet Specification Comparison

Rev B

Rev C

Table 9. Recommended Bias Resistor Values for VDD = 5 V

R_{BIAS} (k Ω)	I_{DQ} (mA)	I_{DQ_AMP} (mA)	I_{RBIAS} (mA)
1.74	110	108.06	1.94
2.13	105	103.34	1.66
2.67	100	98.61	1.39
3.32	95	93.84	1.16
4.12	90	89.0	1.0
5.11	85	84.2	0.8
6.57	80	79.36	0.64
8.45	75	74.5	0.5
11.3	70	69.6	0.4
15	65	64.7	0.3
20.8	60	59.78	0.22
29.8	55	54.85	0.15
53	50	49.91	0.09
64.9	45	44.93	0.07
102	40	39.95	0.05
169	35	34.97	0.03
301	30	29.98	0.02

Table 9. Recommended Bias Resistor Values for VDD = 5 V

R_{BIAS} (k Ω)	I_{DQ} (mA)	I_{DQ_AMP} (mA)	I_{RBIAS} (mA)
4.49	110	109.1	0.9
5.49	105	104.2	0.8
5.9	100	99.23	0.77
6.49	95	94.3	0.7
7.15	90	89.4	0.6
7.68	85	84.42	0.58
8.66	80	79.5	0.5
9.76	75	74.55	0.45
11	70	69.6	0.4
12.7	65	64.65	0.35
14.7	60	59.7	0.3
17.4	55	54.75	0.25
21.5	50	49.8	0.2
26.7	45	44.83	0.17
34.8	40	39.87	0.13
48.7	35	34.9	0.1
73.2	30	29.94	0.06