

TABLE 1 CIRCUIT OPTIONS

Scenario	Figure	R ₅ (Ω)	R ₆ (Ω)	C ₄ (nF)	V _{OUT} , R ₆ (mV)	Voltage droop (mV)	Power dissipation (mW)	Issues
1	1	0.25	0	0	100	0	0	Load capacitance and stability
1	1	0.125	0	6.6	50	0	0	Load capacitance and stability
2	1	0.25	0	0	6	100	40	Voltage droop and power dissipation
2	1	0.125	0	6.6	6	50	20	Power dissipation
3	2	0.125	0	6.6	6	0	20	Power dissipation
4	2	0	30k	6.6	6	7	0	Voltage droop