

TABLE 1—POWER-SUPPLY PARAMETERS WITH ALL 1- μ F CAPACITORS

V_{OUT} (V)	I_{OUT} (mA)	P_{OUT} (mW)	I_{IN} at $V_{IN}=3.3V$ (mA)	P_{IN} (mW)	Efficiency (%)	V_{OUT} low-dropout regulator (V)	V_{RIPPLE} (mV p-p)
5.06	10	50.6	20.9	68.8	73.5	2.71	358
5.01	20	100.2	41.1	135.6	73.9	2.86	312
4.9	30	147	62.2	205.3	71.6	3.02	420