

测试条件: 电感=2.2UH;电容=22UF*2;vcc=vout;mos=1557;Rlim=0.05R

Vin (V)	Iout (mA)	Iin (A)		Vout (V)		VPP	η (%)
		MIN	MAX	MIN	MAX		
3.3	1000	1.68		5.07			91.45021645
3.3	1100	1.85		5.07			91.35135135
3.3	1200	2.03		5.07			90.8195253
3.3	1300	2.2		5.07			90.78512397
3.3	1400	2.38		5.07			90.37433155
3.3	1500	2.57		5.07			89.67102936
3.3	1600	2.74		5.07			89.7146649
3.3	1700	2.93		5.07			89.14055228
3.3	1800	3.11		5.07			88.92136802
3.3	1900	3.3		5.07			88.45730028
3.3	2000	3.5		5.07			87.79220779
3.3	2100	3.7		5.07			87.1990172
3.3	2200	3.89		5.06			86.71808055
3.3	2300	4.1		5.06			86.01626016
3.3	2400	4.29		5.06			85.78088578
3.3	2500						
Vin (V)	Iout (mA)	Iin (A)		Vout (V)		VPP	η (%)
		MIN	MAX	MIN	MAX		
3.5	1000	1.56		5.08			93.04029304
3.5	1100	1.73		5.08			92.28736581
3.5	1200	1.9		5.08			91.66917293
3.5	1300	2.05		5.08			92.04181185
3.5	1400	2.22		5.08			91.53153153
3.5	1500	2.39		5.08			91.0938434
3.5	1600	2.56		5.07			90.53571429
3.5	1700	2.72		5.07			90.53571429
3.5	1800	2.91		5.07			89.60235641
3.5	1900	3.06		5.07			89.94397759
3.5	2000	3.24		5.07			89.41798942
3.5	2100	3.42		5.07			88.94736842
3.5	2200	3.59		5.07			88.77039395
3.5	2300	3.78		5.07			88.14058957
3.5	2400	3.97		5.07			87.57106873
3.5	2500	4.16		5.06			86.88186813
Vin (V)	Iout (mA)	Iin (A)		Vout (V)		VPP	η (%)
		MIN	MAX	MIN	MAX		
3.7	1000	1.47		5.08			93.39952197
3.7	1100	1.63		5.08			92.65461781
3.7	1200	1.78		5.08			92.55997571
3.7	1300	1.93		5.08			92.48004481
3.7	1400	2.09		5.08			91.96948144
3.7	1500	2.24		5.08			91.94015444
3.7	1600	2.4		5.08			91.53153153
3.7	1700	2.55		5.08			91.53153153
3.7	1800	2.72		5.08			90.85850556
3.7	1900	2.88		5.08			90.57807808
3.7	2000	3.04		5.08			90.32716927
3.7	2100	3.19		5.08			90.38380073
3.7	2200	3.37		5.08			89.6302831

3.7	2300	3.53		5.08			89.45716254
3.7	2400	3.69		5.08			89.29905515
3.7	2500	3.88		5.08			88.46475341
Vin (V)	Iout (mA)	Iin (A)		Vout (V)		VPP	η (%)
		MIN	MAX	MIN	MAX		
3.9	1000	1.39		5.08			93.70964767
3.9	1100	1.53		5.08			93.64839953
3.9	1200	1.68		5.08			93.04029304
3.9	1300	1.82		5.08			93.04029304
3.9	1400	1.97		5.08			92.56800729
3.9	1500	2.11		5.08			92.59934378
3.9	1600	2.26		5.08			92.21692762
3.9	1700	2.41		5.08			91.88211512
3.9	1800	2.55		5.08			91.94570136
3.9	1900	2.71		5.08			91.32368247
3.9	2000	2.87		5.08			90.7710176
3.9	2100	3.01		5.08			90.8765653
3.9	2200	3.16		5.08			90.68484258
3.9	2300	3.31		5.08			90.51049655
3.9	2400	3.47		5.07			89.91354467
3.9	2500	3.62		5.07			89.77900552
Vin (V)	Iout (mA)	Iin (A)		Vout (V)		VPP	η (%)
		MIN	MAX	MIN	MAX		
4.2	1000	1.29		5.08			93.76153562
4.2	1100	1.42		5.08			93.69550637
4.2	1200	1.55		5.08			93.640553
4.2	1300	1.68		5.08			93.59410431
4.2	1400	1.82		5.08			93.04029304
4.2	1500	1.94		5.08			93.51988218
4.2	1600	2.08		5.08			93.04029304
4.2	1700	2.21		5.08			93.04029304
4.2	1800	2.35		5.08			92.6443769
4.2	1900	2.49		5.08			92.29298145
4.2	2000	2.63		5.08			91.97899692
4.2	2100	2.76		5.08			92.02898551
4.2	2200	2.89		5.08			92.07447685
4.2	2300	3.03		5.08			91.81203835
4.2	2400	3.18		5.08			91.28481581
4.2	2500	3.31		5.08			91.35376205