

SE8510 350mA 5只样机测试数据

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1号样机常温测试参数							
负载	Vin(V \sim)	Pin (W)	Iout (mA)	Vout (V)	输出纹波 (mV)	Pout (W)	效率
20*1W	100	24	326	61.8	188	20.147	83.95%
	175	23.2	326	61.79	208	20.144	86.83%
	220	23.7	327	61.82	232	20.215	85.30%
	265	24.3	326	61.76	312	20.134	82.85%
25*1W	110	29.3	318	76.85	208	24.438	83.41%
	175	28.5	319	76.89	304	24.528	86.06%
	220	29.5	320	76.95	296	24.624	83.47%
	265	29.6	319	77.02	328	24.569	83.00%
30*1W	120	33.7	314	92.1	264	28.919	85.81%
	175	33.7	314	92.05	304	28.904	85.77%
	220	33.1	314	92.02	304	28.894	87.29%
	265	33.9	312	92	312	28.704	84.67%
输出开路保护	94V						
输出短路保护输入电压	100V	175V	220V	265V			
输出短路时输入功率	2.5W	0.5W	0.7W	0.87W			
2号样机常温测试参数							
负载	Vin(V \sim)	Pin (W)	Iout (mA)	Vout (V)	输出纹波 (mV)	Pout (W)	效率
20*1W	100	24.2	329	61.92	240	20.372	84.18%
	175	23.7	330	61.92	264	20.434	86.22%
	220	23.6	331	61.97	256	20.512	86.92%
	265	24.2	331	62.04	336	20.535	84.86%
25*1W	110	29.5	323	77.12	216	24.910	84.44%
	175	28.5	323	77.09	212	24.900	87.37%
	220	29.1	322	77.09	308	24.823	85.30%
	265	30.1	323	77.06	344	24.890	82.69%
30*1W	120	34.6	317	92.17	240	29.218	84.44%
	175	34.6	319	92.29	300	29.441	85.09%
	220	34.5	319	92.4	316	29.476	85.44%
	265	34.5	320	92.55	296	29.616	85.84%
输出开路保护	97V						
输出短路保护输入电压	100V	175V	220V	265V			
输出短路时输入功率	2.3W	0.6W	0.73W	0.94W			
3号样机常温测试参数							
负载	Vin(V \sim)	Pin (W)	Iout (mA)	Vout (V)	输出纹波 (mV)	Pout (W)	效率
20*1W	100	25.3	339	62.21	208	21.089	83.36%
	175	24.4	339	62.6	252	21.221	86.97%
	220	24.5	339	62.17	304	21.076	86.02%
	265	24.6	339	62.17	324	21.076	85.67%
25*1W	110	31.1	335	77.55	220	25.979	83.53%
	175	30.1	333	77.45	272	25.791	85.68%
	220	30.1	333	77.45	304	25.791	85.68%
	265	29.9	333	77.43	284	25.784	86.23%

30*1W	120	36.4	328	92.6	232	30.373	83.44%
	175	35.1	328	92.63	240	30.383	86.56%
	220	35	328	92.71	284	30.409	86.88%
	265	36.4	329	92.8	364	30.531	83.88%
输出开路保护	96V						
输出短路保护输入电压	100V	175V	220V	265V			
输出短路时输入功率	2.3W	0.6W	0.7W	0.93W			
4号样机常温测试参数							
负载	Vin(V [~])	Pin (W)	Iout (mA)	Vout (V)	输出纹波 (mV)	Pout (W)	效率
20*1W	100	24.9	340	62.17	228	21.138	84.89%
	175	24	339	62.09	240	21.049	87.70%
	220	24.2	338	62.09	300	20.986	86.72%
	265	25	338	62.06	376	20.976	83.91%
25*1W	110	31	336	77.61	216	26.077	84.12%
	175	29.9	336	77.55	228	26.057	87.15%
	220	30.6	335	77.5	312	25.963	84.84%
	265	31.1	335	77.5	360	25.963	83.48%
30*1W	120	36.4	331	92.88	264	30.743	84.46%
	175	36	331	92.79	268	30.713	85.32%
	220	35.4	331	92.75	240	30.700	86.72%
	265	35.6	329	92.61	320	30.469	85.59%
输出开路保护	99V						
输出短路保护输入电压	100V	175V	220V	265V			
输出短路时输入功率	2.2W	0.6W	0.68W	0.87W	注：送格美		
5号样机常温测试参数							
负载	Vin(V [~])	Pin (W)	Iout (mA)	Vout (V)	输出纹波 (mV)	Pout (W)	效率
20*1W	100	26.6	354	62.5	252	22.125	83.18%
	175	25.3	353	62.45	280	22.045	87.13%
	220	25.7	353	62.47	352	22.052	85.81%
	265	25.8	353	62.48	364	22.055	85.49%
25*1W	110	32.5	347	77.77	256	26.986	83.03%
	175	31.2	346	77.67	300	26.874	86.13%
	220	31.1	345	77.68	320	26.800	86.17%
	265	30.8	345	77.67	332	26.796	87.00%
30*1W	120	37.7	340	92.82	276	31.559	83.71%
	175	36.4	339	92.81	272	31.463	86.44%
	220	36	339	92.79	308	31.456	87.38%
	265	37.2	339	92.84	376	31.473	84.60%
输出开路保护	96V						
输出短路保护输入电压	100V	175V	220V	265V			
输出短路时输入功率	2.2W	0.6W	0.69W	0.85W	注：送格美		
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