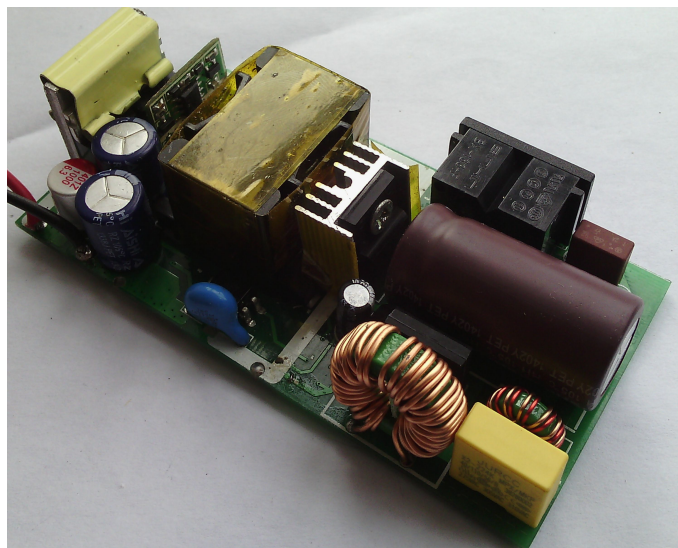
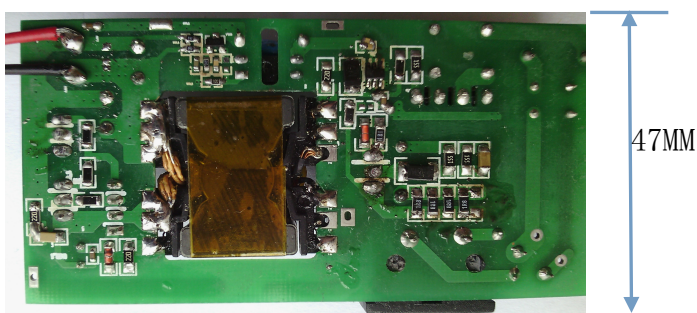
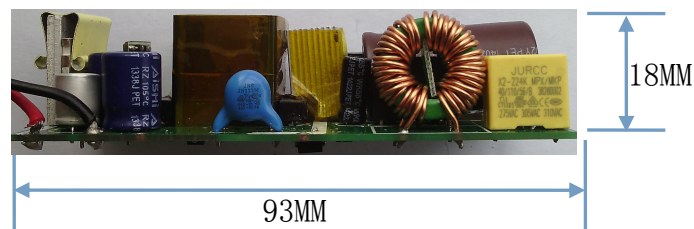


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5V10A 测试报告



拓扑方案	Vin (V)	Pin (W)	Iout (A)	Vout (V)	η	平均效率
PWM IC: AU8527 初级MOS: AU8NM65F 次级MOS: AU40N121P	90	5.7	1	5.01	87.89%	90.17%
		13.85	2.5	5.01	90.43%	
		27.57	5	5.01	90.86%	
		41.6	7.5	5.01	90.32%	
		56.26	10	5.01	89.05%	
	110	5.7	1	5.01	87.89%	91.31%
		13.7	2.5	5.01	91.42%	
		27.3	5	5.02	91.94%	
		41.3	7.5	5.02	91.16%	
		55.35	10	5.02	90.70%	
	220	5.8	1	5.01	86.38%	91.79%
		13.8	2.5	5.01	90.76%	
		27.3	5	5.02	91.94%	
		40.7	7.5	5.02	92.51%	
		54.6	10	5.02	91.94%	
	260	5.9	1	5.01	84.92%	91.11%
		13.9	2.5	5.01	90.11%	
		27.6	5	5.02	90.94%	
		41.05	7.5	5.02	91.72%	
		54.77	10	5.02	91.66%	

AC90V输入11.2A OCP保护
AC230V输入11.1A OCP保护

AC90V满载开关机OK

AC264V满载开关机OK

在常温下26℃ AC90V满载老化2H

初级MOS: 温度 73℃

次级MOS: 温度 65℃

变压器: 温度 55℃

AC90V输入5V10A输出同步整流波



AC230V输入5V10A输出同步整流波形



AC230V输入空载待机损耗



AC100V输入空载待机损耗形

