

29V/2A 样机测试报告

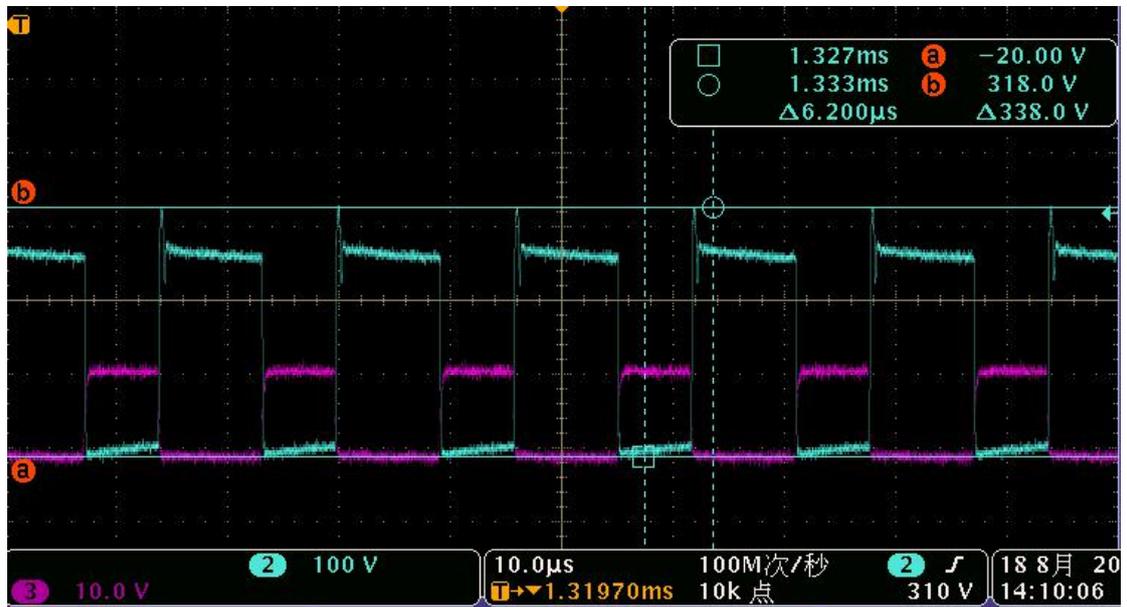
标题	29V2A 样机测试报告
输入、输出规格	110~240V AC Input; 29V 2A Output
应用领域	Charger
文档编号	29V 2A
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日期	2016/8/18
拟制	Peter

1. 效率和 MOS 管温升对比：

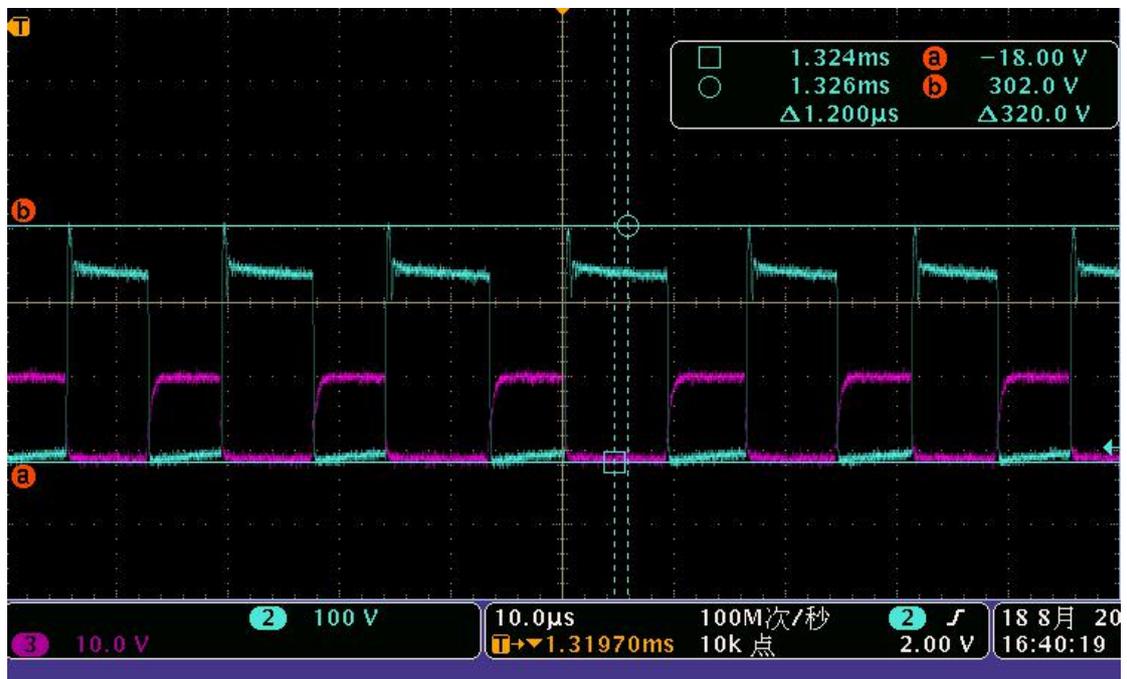
Item	Input Voltage	Load	Input Power	Output Current	Output Voltage	Output Power	Efficiency	MOS温度	
MDF8N60 (10Ω+47Ω)	110V	0	0.145	0.000	29.800	0.000	0.00%	48.8°C	
		25%	16.630	0.500	29.800	14.900	89.60%		
		50%	33.300	1.000	29.800	29.800	89.49%		
		75%	50.200	1.500	29.700	44.550	88.75%		
		100%	67.600	2.000	29.700	59.400	87.87%		
		Average Efficiency							88.93%
	230V	0	0.210	0.000	29.800	0.000	0.00%		
		25%	16.860	0.500	29.800	14.900	88.37%		
		50%	33.200	1.000	29.800	29.800	89.76%		
		75%	49.600	1.500	29.700	44.550	89.82%		
		100%	66.100	2.000	29.700	59.400	89.86%		
Average Efficiency							89.45%		
OSG65R380F (100Ω+390Ω)	110V	0	0.135	0.000	29.800	0.000	0.00%	46.5°C	
		25%	16.550	0.500	29.800	14.900	90.03%		
		50%	33.100	1.000	29.800	29.800	90.03%		
		75%	49.900	1.500	29.700	44.550	89.28%		
		100%	67.200	2.000	29.700	59.400	88.39%		
		Average Efficiency							89.43%
	230V	0	0.200	0.000	29.800	0.000	0.00%		
		25%	16.700	0.500	29.800	14.900	89.22%		
		50%	32.900	1.000	29.800	29.800	90.58%		
		75%	49.230	1.500	29.700	44.550	90.49%		
		100%	65.600	2.000	29.700	59.400	90.55%		
Average Efficiency							90.21%		

2. 波形测试对比:

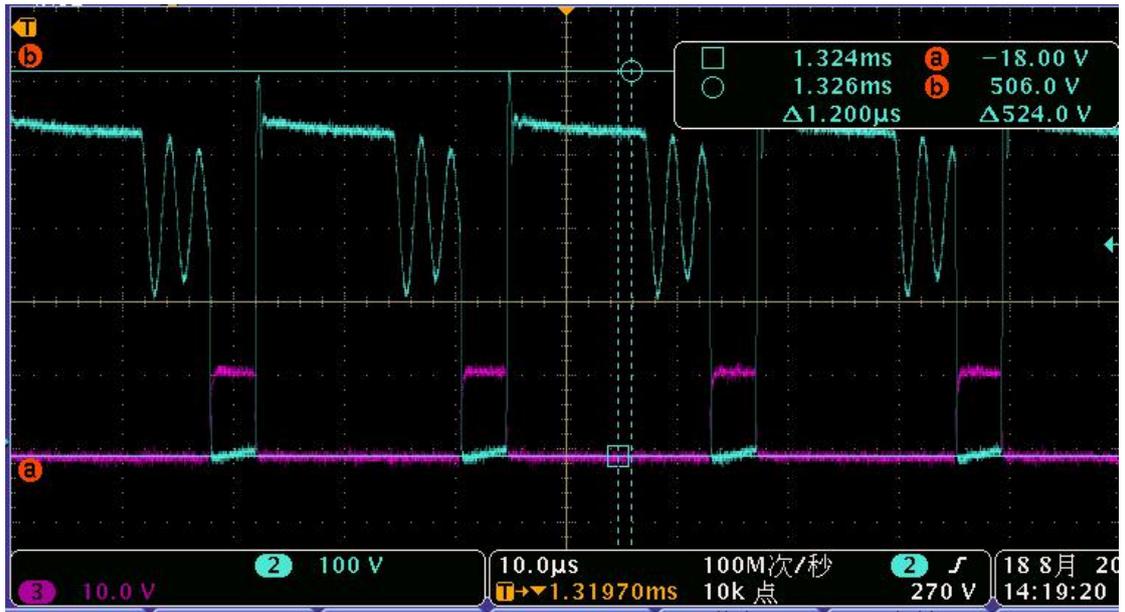
AC110V, MDF8N60:



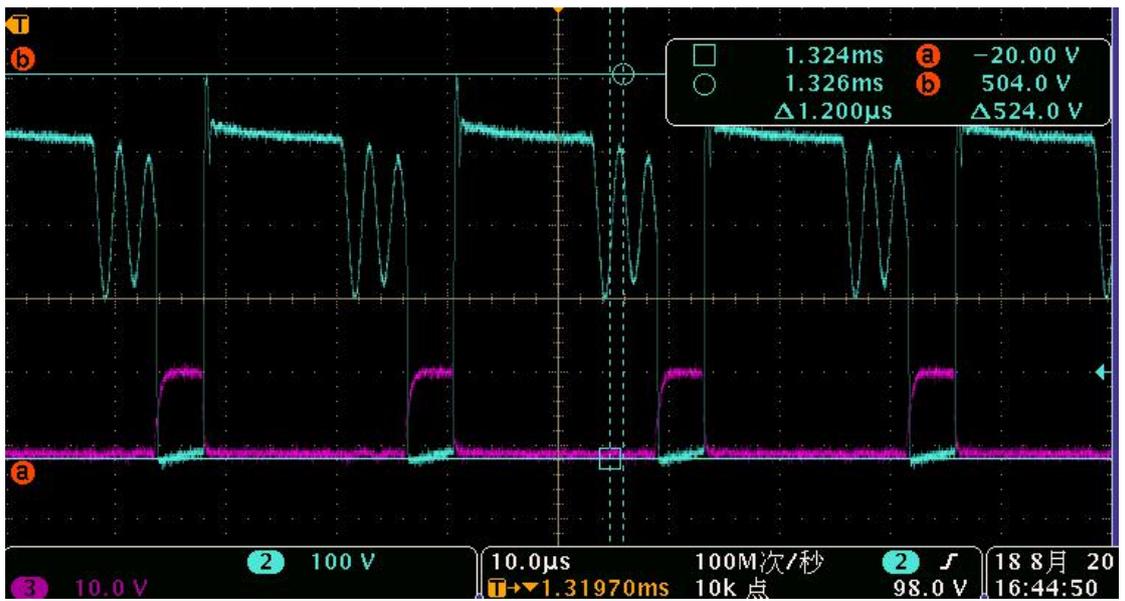
AC110V, OSG65R380F (100 Ω +390 Ω) :



AC230V, MDF8N60:



AC230V, OSG65R380F (100 Ω +390 Ω) :





Thank you!

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