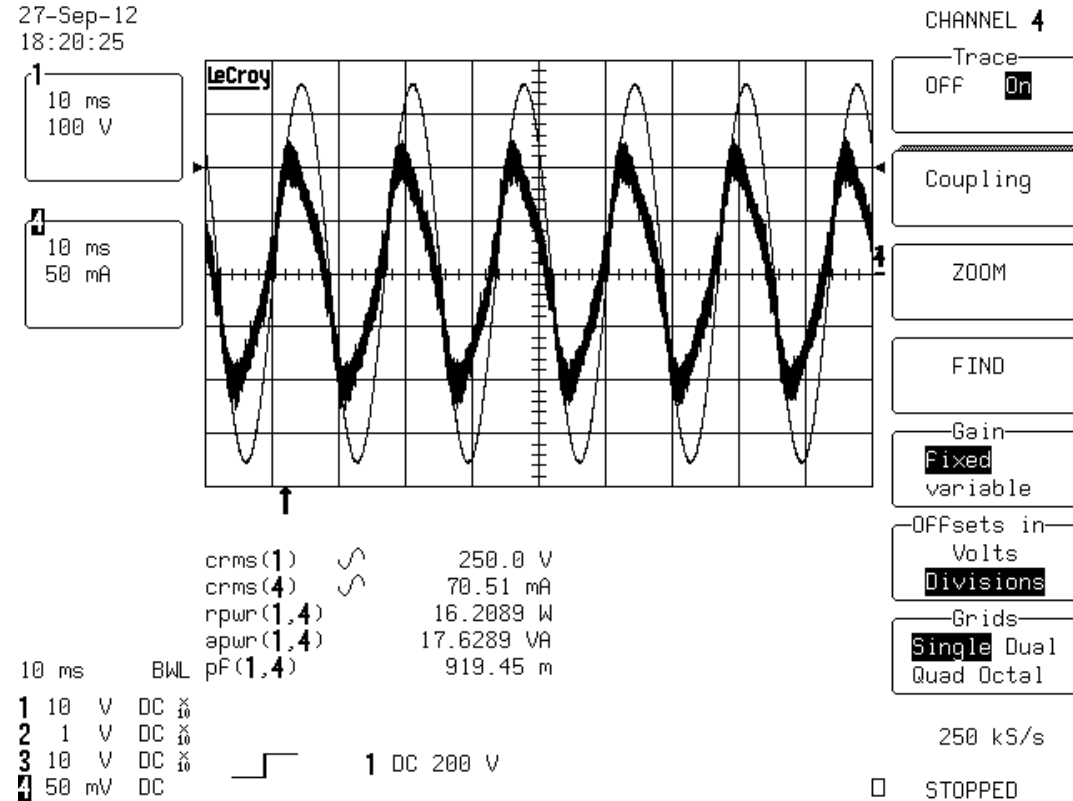


9/26/12

PMP8449 8 LEDs at 650ma 277vac Test Results



1 Input Power



Line current and voltage at 250vac in

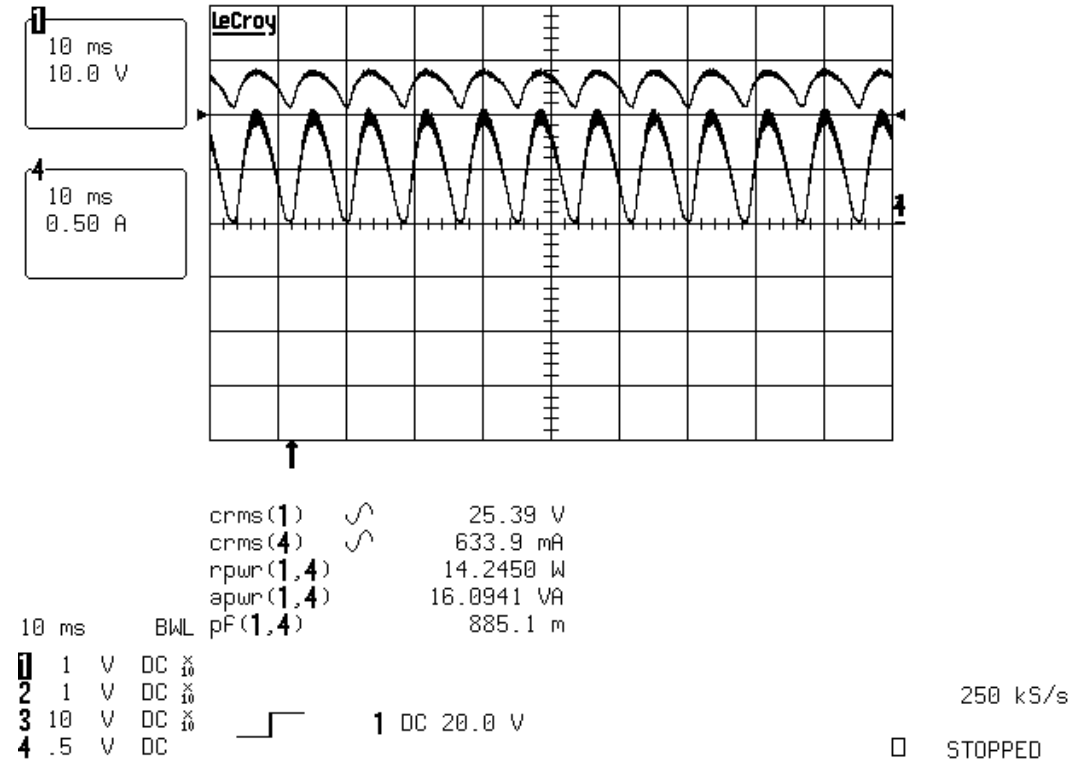
Power factor is .919 (mostly displacement caused by the emi filter)

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PMP8449 8 LEDs at 650ma 277vac Test Results



27-Sep-12
18:16:40



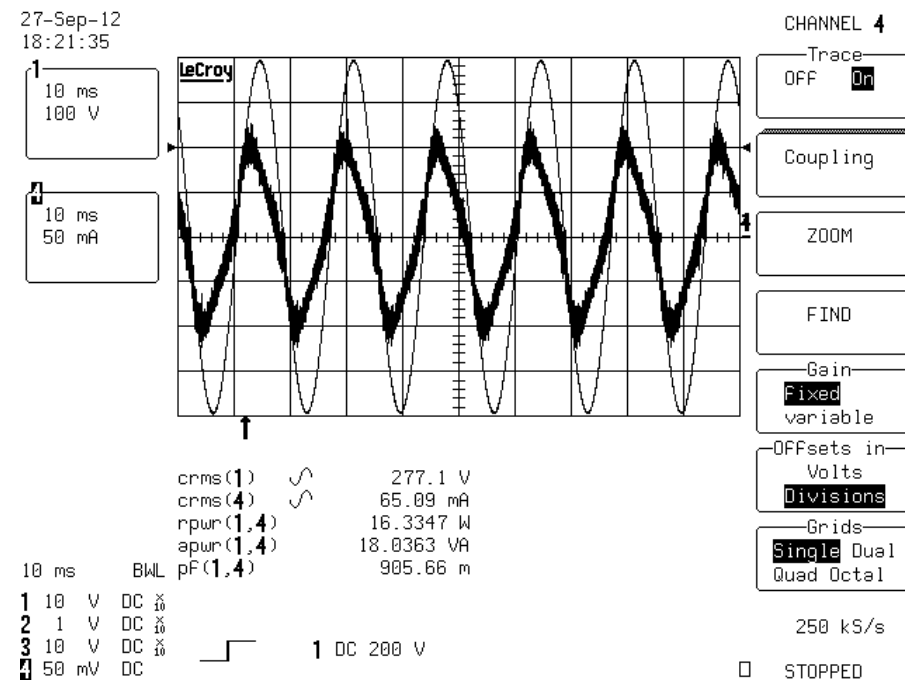
LED current and voltage at 250vac in

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PMP8449 8 LEDs at 650ma 277vac Test Results



Ac measured efficiency = $14.25/16.20=88\%$



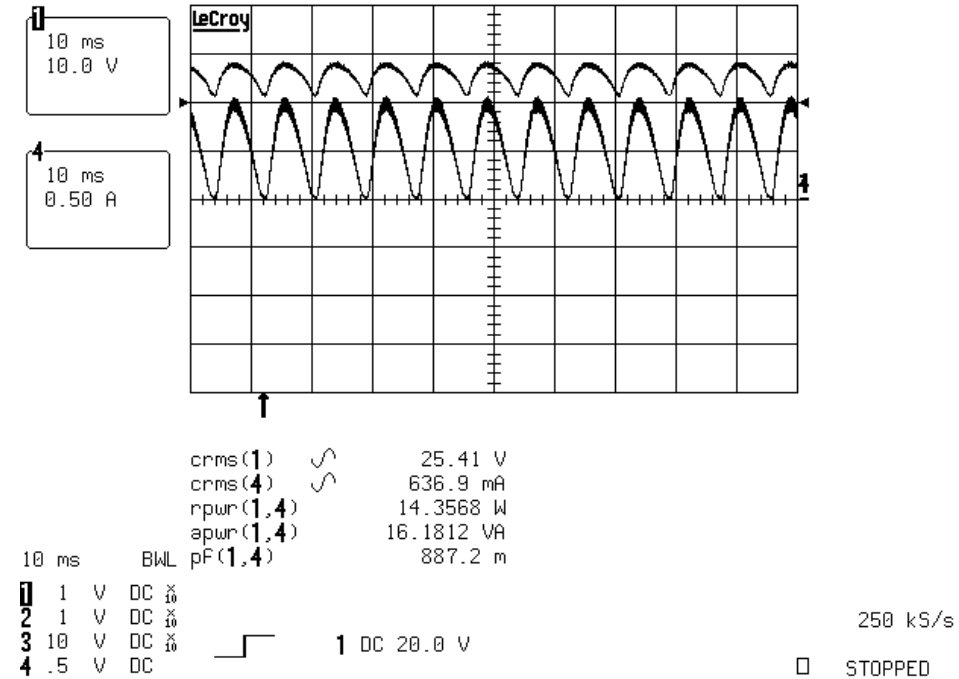
Line current and voltage at 277vac in
PF is .905

9/26/12

PMP8449 8 LEDs at 650ma 277vac Test Results



27-Sep-12
18:17:21



Out put LED voltage and current at 277vac input

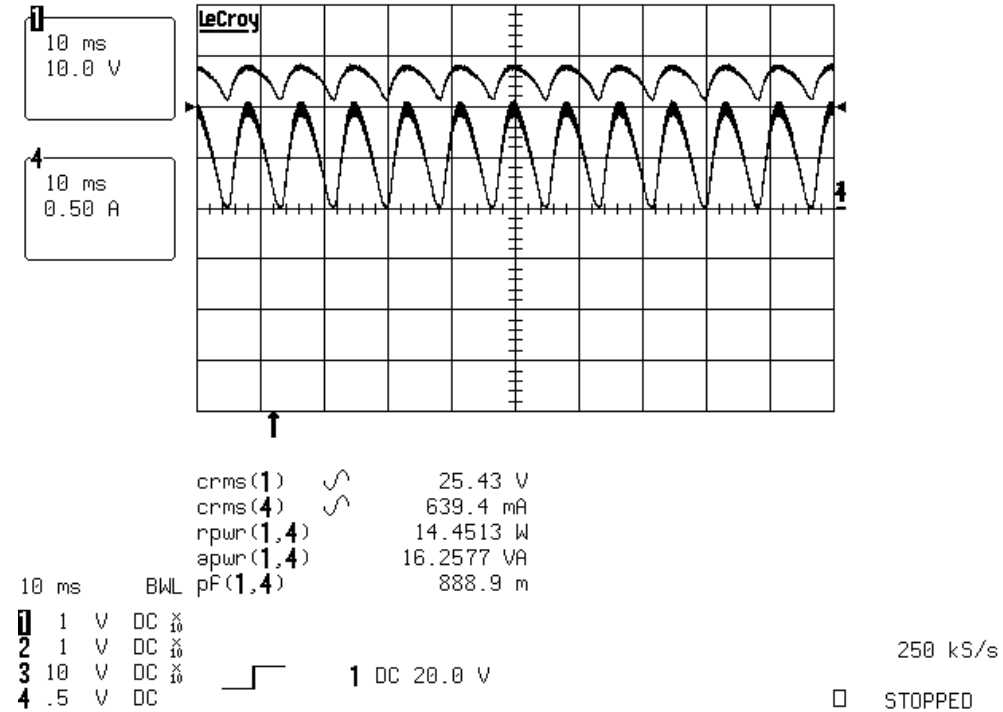
Efficiency $14.36/16.33=88\%$

9/26/12

PMP8449 8 LEDs at 650ma 277vac Test Results



27-Sep-12
18:18:05



Output at 300vac input

Input from power meter because the scope can't display 300vac

Power=16.66

Irms=65.4 ma

PR=.843

Efficiency= 14.45/16.66=87%

9/26/12

PMP8449 8 LEDs at 650ma 277vac Test Results



2 Summery

Vin ac	I in rms	Pin	V out rms	I out rms	P out	Efficiency	Power Factor
250	0.07051	16.21	25.39	0.6339	14.25	87.9087	0.919
277	0.06509	16.334	25.41	0.6369	14.356	87.89029	0.905
300	0.0654	16.66	25.43	0.6394	14.45	86.73469	0.843

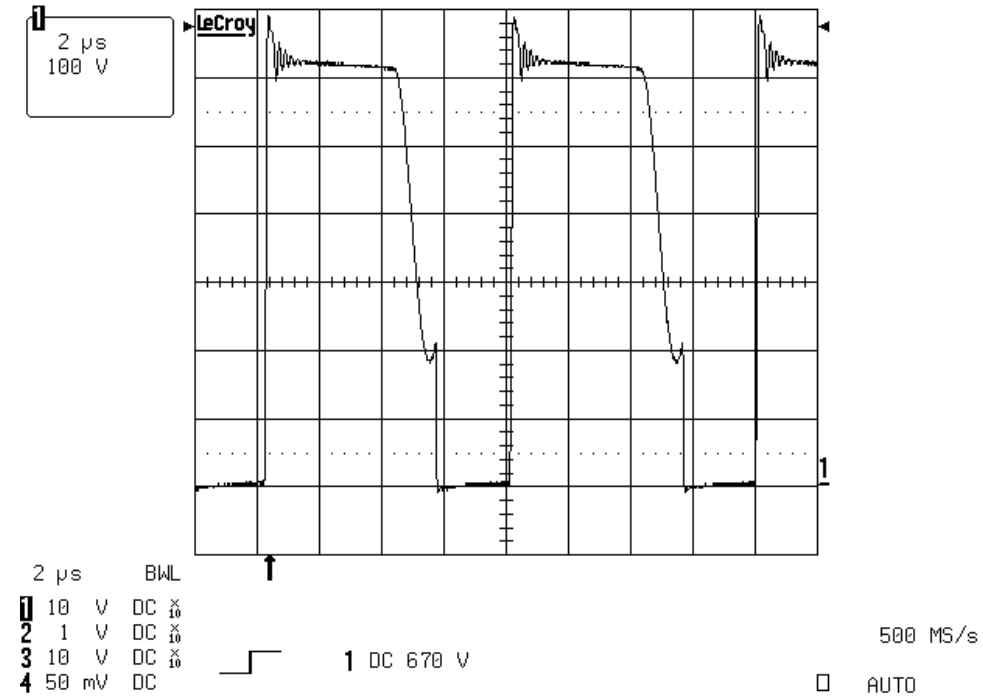
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PMP8449 8 LEDs at 650ma 277vac Test Results



3 Wave forms

28-Sep-12
12:16:18



Drain voltage W.R.T. Pgnd with 277vac input

9/26/12

 **TEXAS
INSTRUMENTS**

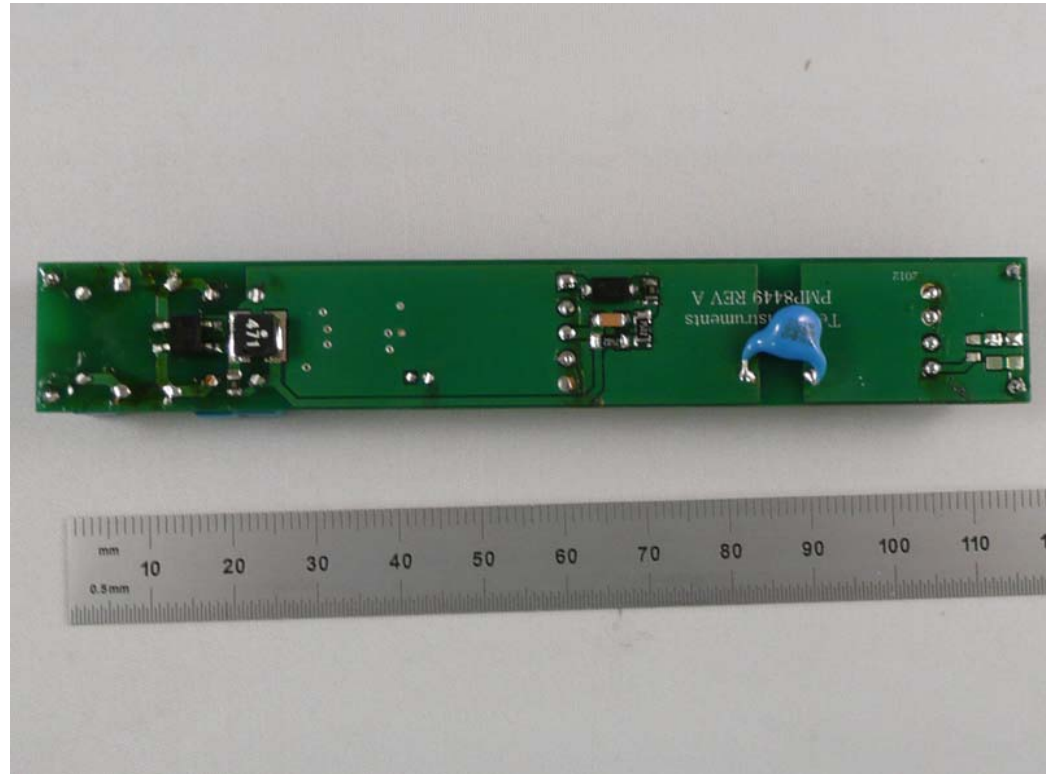
~~PMP8449 8 LEDs at 650ma 277vac Test Results~~

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PMP8449 8 LEDs at 650ma 277vac Test Results

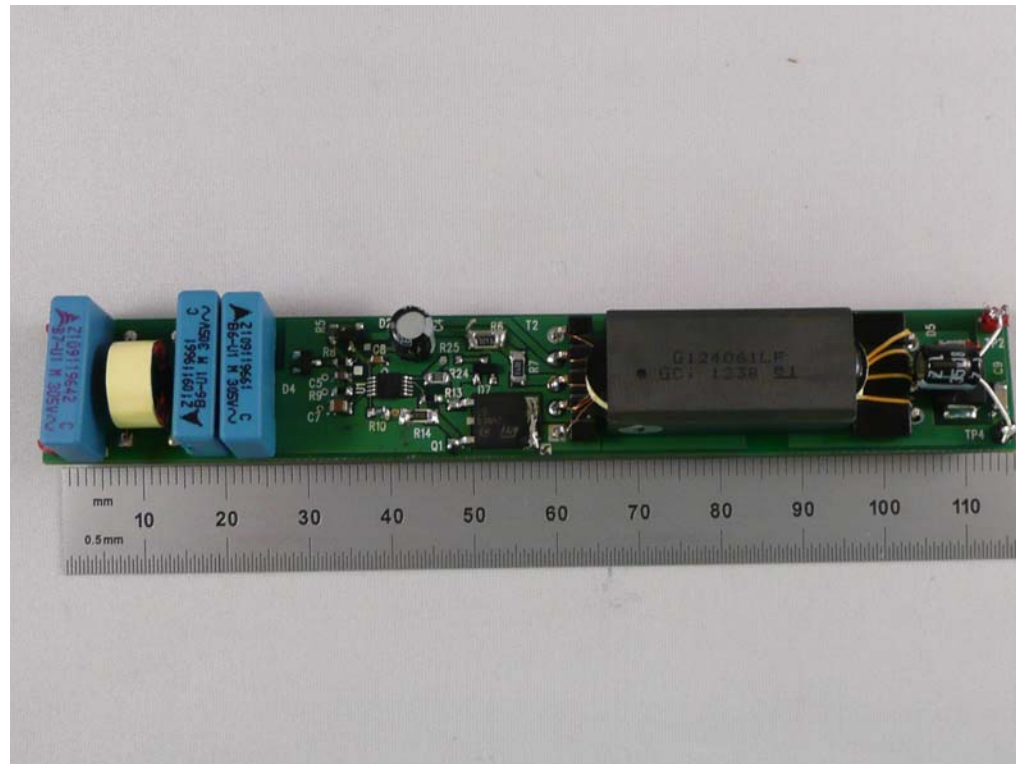


4 Photo



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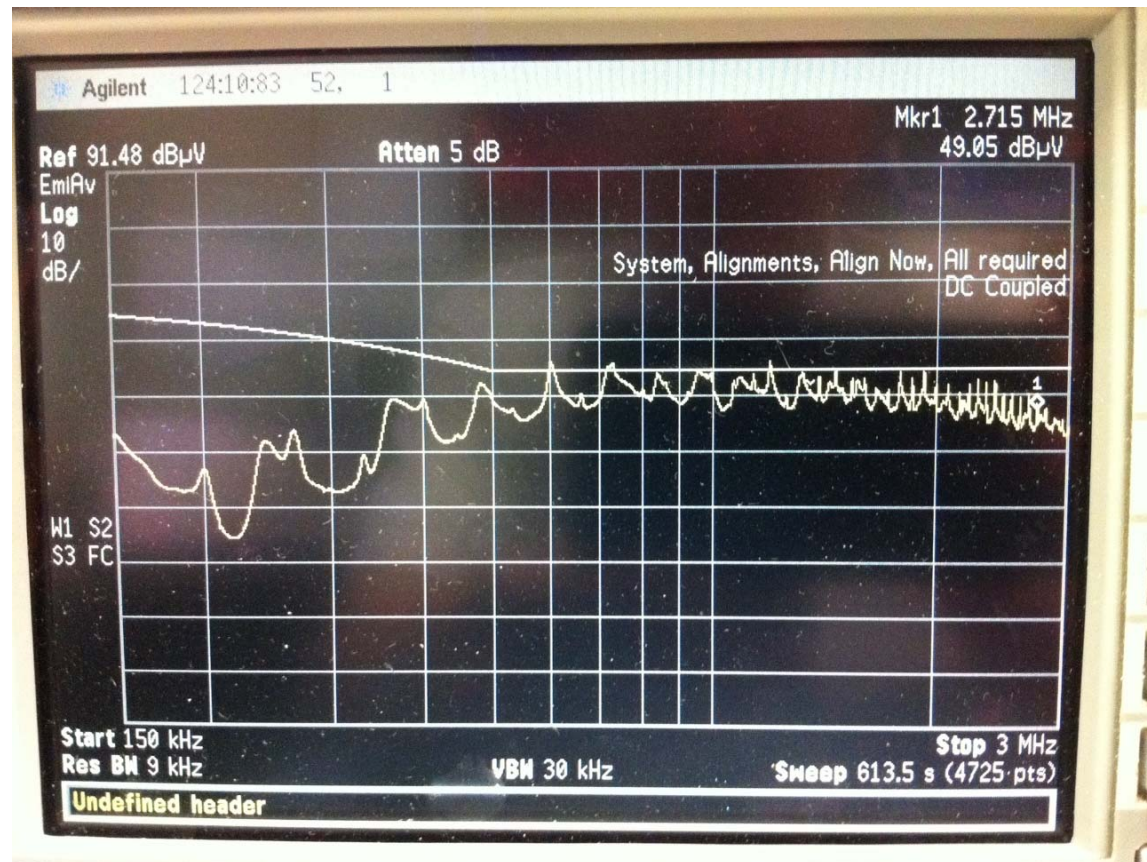
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5 Conducted EMI scan

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PMP8449 8 LEDs at 650ma 277vac Test Results



This test is not calibrated to a standard

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