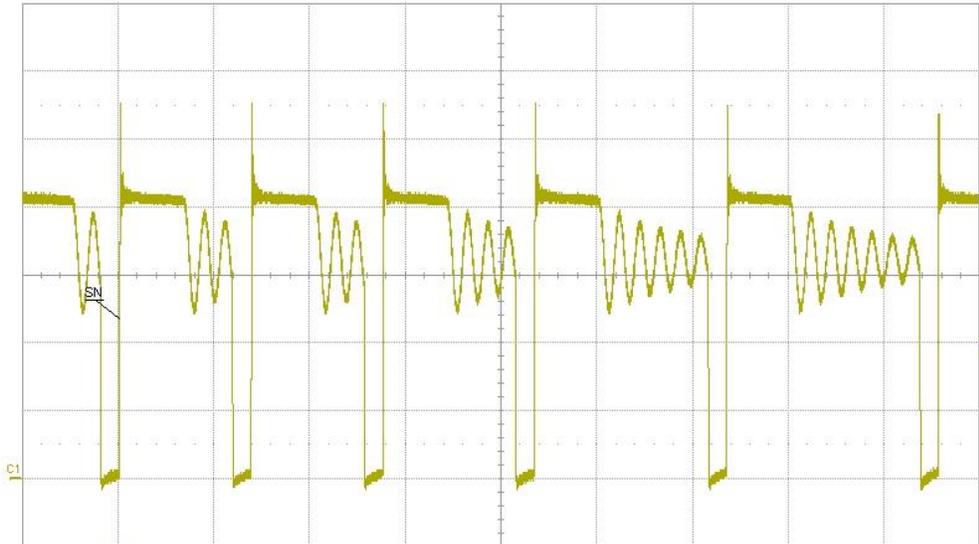


1 Switch node

Input voltage = 325VDC
 Load current = 1.6A

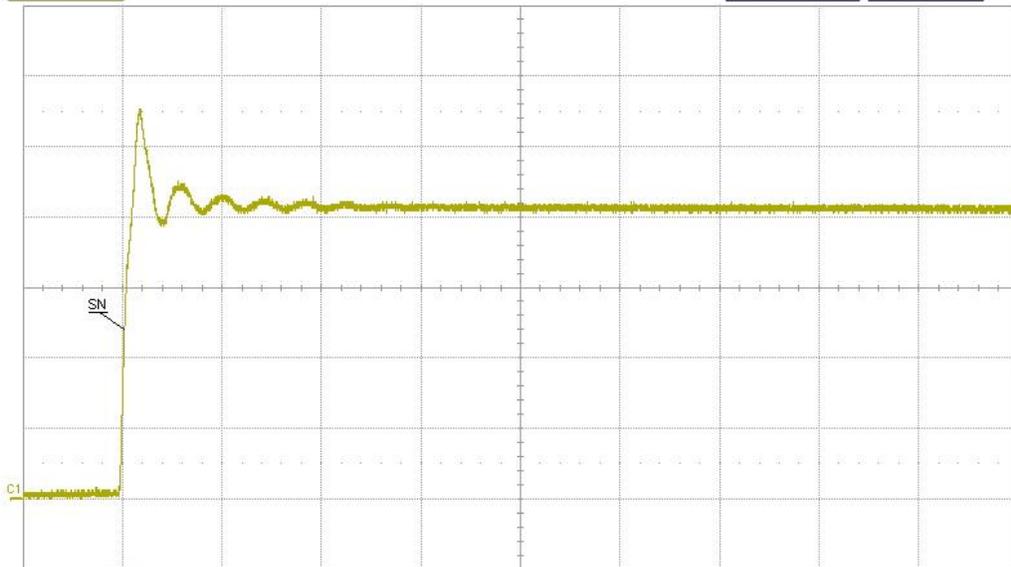


Measure	P1:freq(C1)	P2:min(C4)	P3:---	P4:---	P5:---	P6:---
value	45.33228 kHz	-24 mV				
status	✓	✓				

C1 **DCIM**
 100 V/div
 -300.0 V ofst

Timebase -39.8 μ s
 10.0 μ s/div
 250 kS 2.5 GS/s

Trigger **C1DC**
 Stop 199 V
 Edge Positive



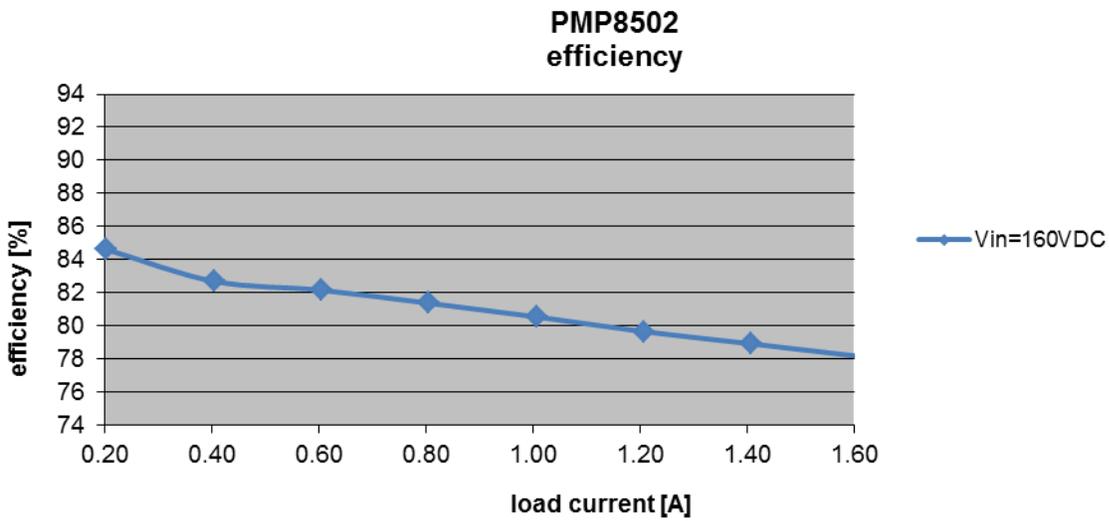
Measure	P1:freq(C1)	P2:min(C4)	P3:---	P4:---	P5:---	P6:---
value	---	-18 mV				
status	⚠	✓				

C1 **DCIM**
 100 V/div
 -300.0 V ofst

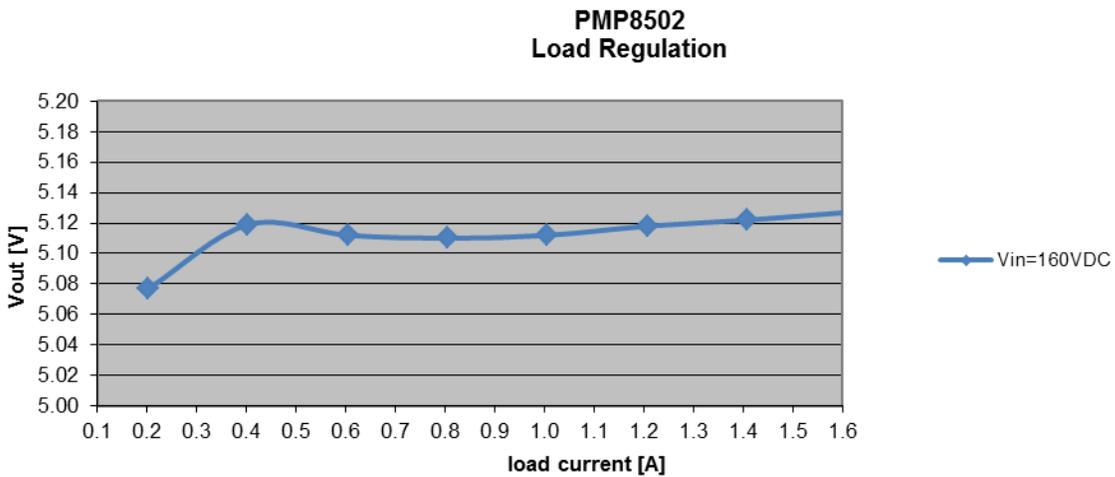
Timebase -1.99 μ s
 500 ns/div
 12.5 kS 2.5 GS/s

Trigger **C1DC**
 Stop 199 V
 Edge Positive

2 Efficiency

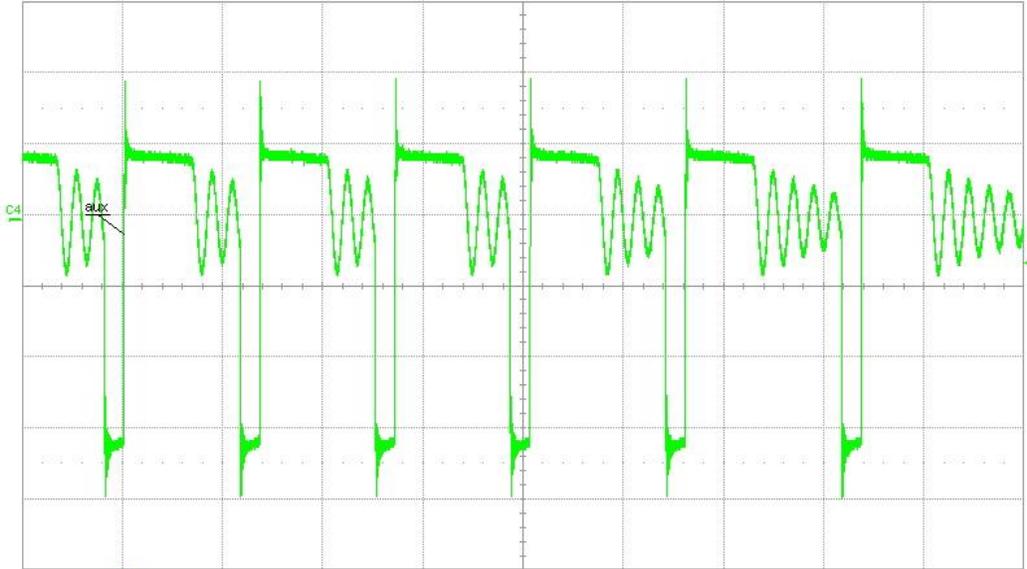


3 Load Regulation



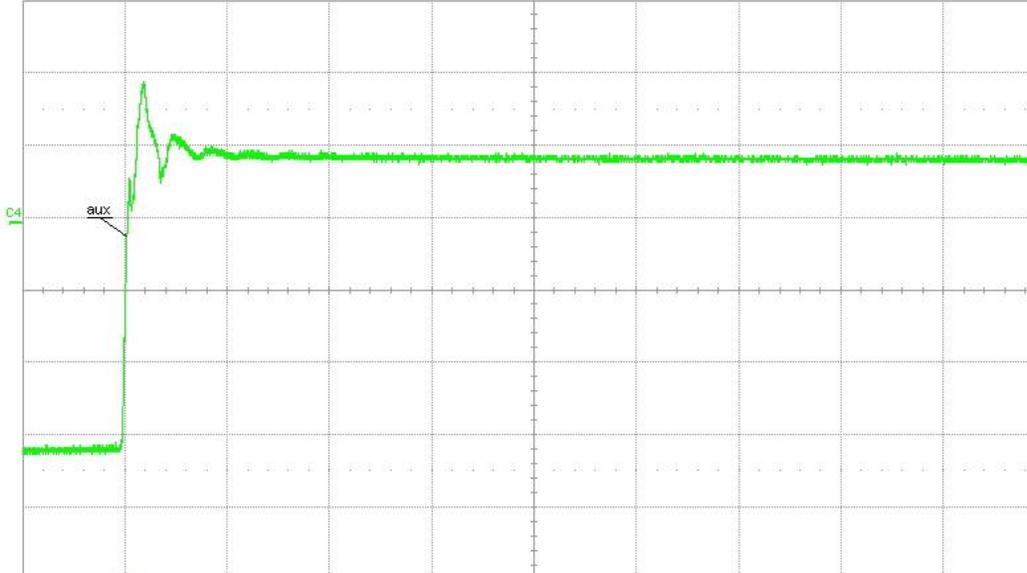
4 Aux winding

Input voltage = 325VDC
 Load current = 1.6A



Measure	P1:freq(C1)	P2:min(C4)	P3:---	P4:---	P5:---	P6:---
value	221.59 MHz	-78.6 V				
status	✔	✔				

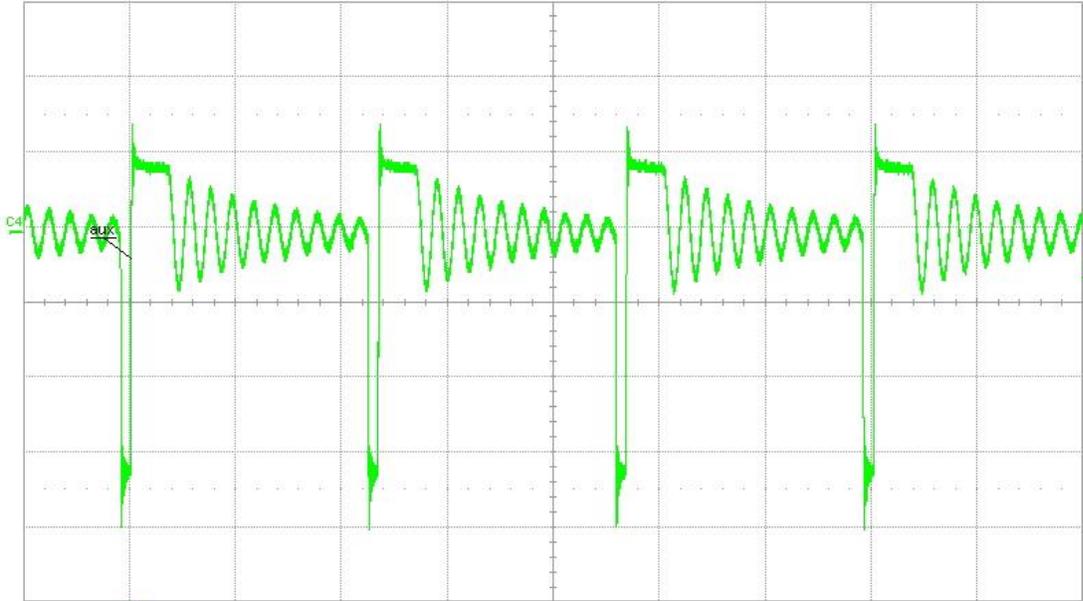
C4	DC1M	Timebase	-39.8 μs	Trigger	C4 DC
	20.0 V/div		10.0 μs/div	Stop	-12.2 V
	18.40 V ofst		250 kS	Edge	Positive



Measure	P1:freq(C1)	P2:min(C4)	P3:---	P4:---	P5:---	P6:---
value	358.98 MHz	-63.8 V				
status	✔	✔				

C4	DC1M	Timebase	-1.99 μs	Trigger	C4 DC
	20.0 V/div		500 ns/div	Stop	-12.2 V
	18.40 V ofst		12.5 kS	Edge	Positive

Input voltage = 325VDC
 Load current = 0.3A

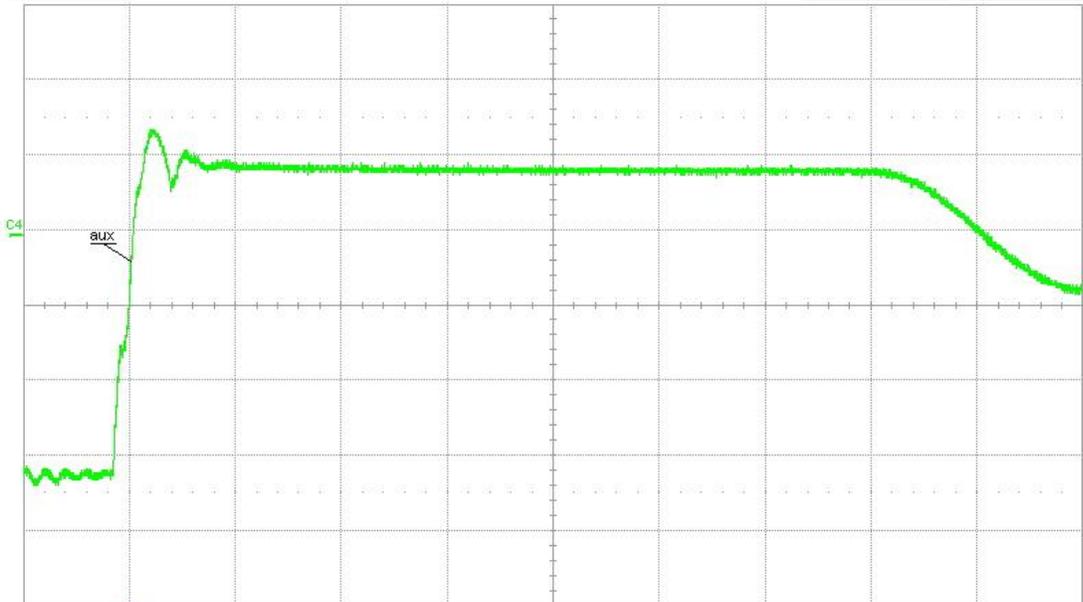


Measure	P1.freq(C1)	P2.min(C4)	P3:---	P4:---	P5:---	P6:---
value	52.85 MHz	-79.2 V				
status	⌵	✓				

C4 DC1M
 20.0 V/div
 1.8.40 V orst

Timebase -39.8 μs
 10.0 μs/div
 250 kS 2.5 GS/s

Trigger C4 DC
 Stop -12.2 V
 Edge Positive



Measure	P1.freq(C1)	P2.min(C4)	P3:---	P4:---	P5:---	P6:---
value	94.48 MHz	-66.4 V				
status	⌵	✓				

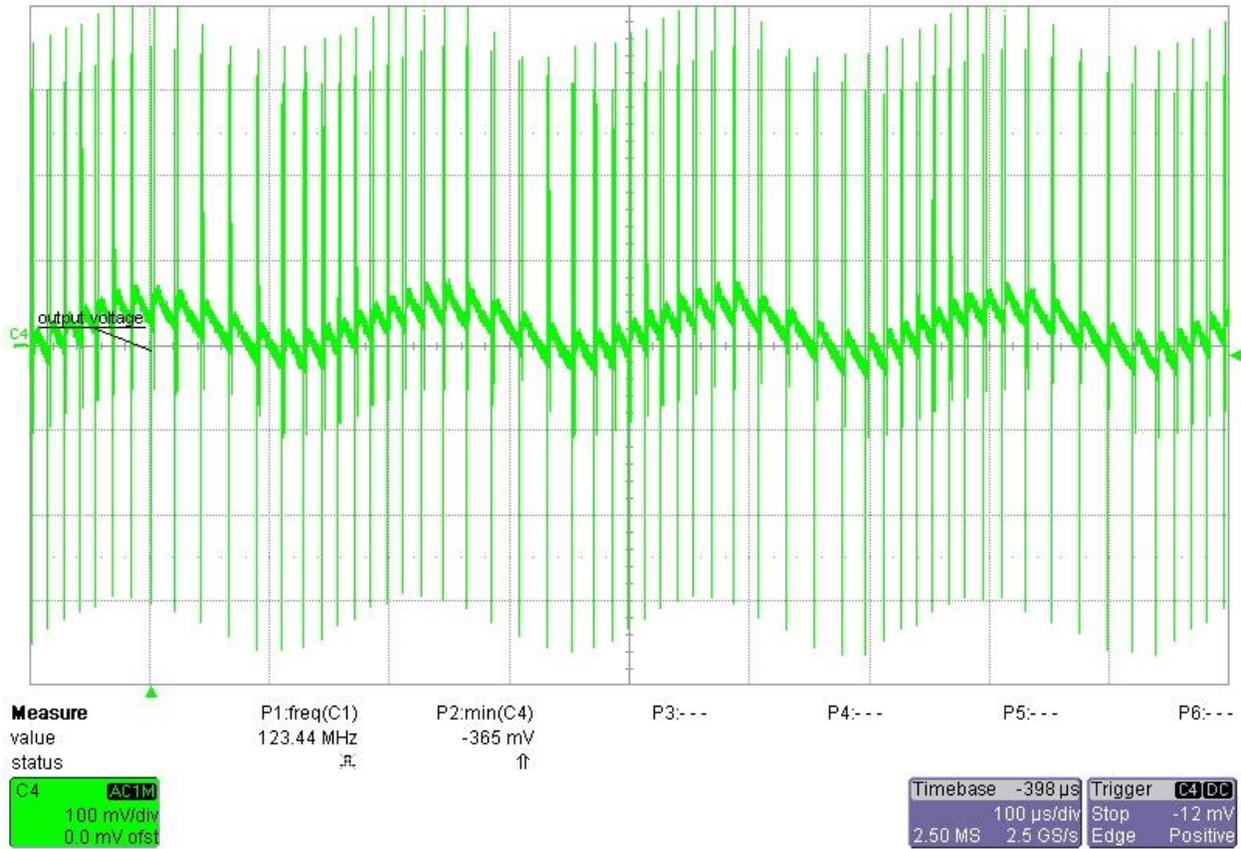
C4 DC1M
 20.0 V/div
 1.8.40 V orst

Timebase -1.99 μs
 500 ns/div
 12.5 kS 2.5 GS/s

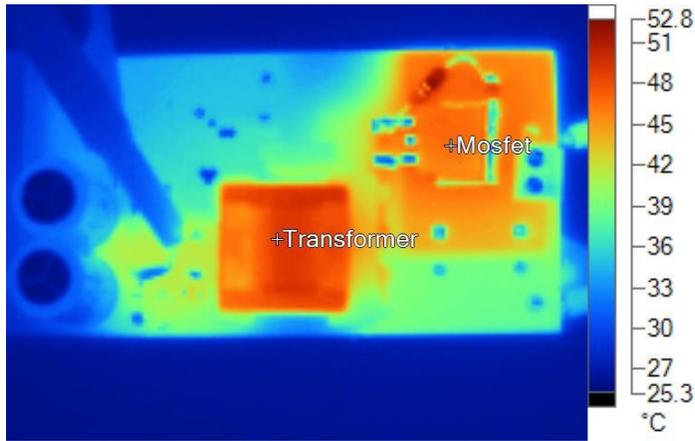
Trigger C4 DC
 Stop -12.2 V
 Edge Positive

5 Output ripple voltage

Input voltage = 325VDC
Load current = 1.6A



7 Thermal Pic



Name	Temperature	
Transformer	49.1°C	
Mosfet	46.7°C	

Thermal Pic Vin=200VDC Iload=1.6A.is2

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