TPSM53602 Output Current Waveform

[Waveform Zoom1]

1:Output Voltage=3.3V

2:Output Current

Measurement	Current	Mean	Min	Max	Range (Max-Min)	Std Dev
V avg(1)	471.089 mV	471.089 mV	471.089 mV	471.089 mV	0.0 V	0.0 V
V max(1)	542.8 mV	542.8 mV	542.8 mV	542.8 mV	0.0 V	0.0 V
V min(1)	398.8 mV	398.8 mV	398.8 mV	398.8 mV	0.0 V	0.0 V
V avg(2)	45.5042 mA	45.5042 mA	45.5042 mA	45.5042 mA	0.0 A	0.0 A
V max(2)	358.11 mA	358.11 mA	358.11 mA	358.11 mA	0.0 A	0.0 A
V min(2)	-210.09 mA	-210.09 mA	-210.09 mA	-210.09 mA	0.0 A	0.0 A

Marker	Horizontal	Vertical	ΔX	1/ΔX	ΔY	ΔY/ΔX
M1	-1.23016 µs	----------		---		---
M2	-10.3175 µs	----------	-9.08730160 µs	-110.04366 kHz		---

[Waveform Zoom2]

1:Output Voltage=3.3V

2:Output Current

Measurement	Current	Mean	Min	Max	Range (Max-Min)	Std Dev	Count
V avg(1)	3.31587 V	3.31587 V	3.31587 V	3.31587 V	0.0 V	0.0 V	1
V max(1)	3.3700 V	3.3700 V	3.3700 V	3.3700 V	0.0 V	0.0 V	1
V min(1)	3.2625 V	3.2625 V	3.2625 V	3.2625 V	0.0 V	0.0 V	1
V avg(2)	3.38349 mA	3.38349 mA	3.38349 mA	3.38349 mA	0.0 A	0.0 A	1
V max(2)	98.07 mA	98.07 mA	98.07 mA	98.07 mA	0.0 A	0.0 A	1
V min(2)	-90.71 mA	-90.71 mA	-90.71 mA	-90.71 mA	0.0 A	0.0 A	1

Marker	Horizontal	Vertical	ΔX	1/ΔX	ΔY
M1	789.167 µs	----------		---	
M2	782.659 µs	----------	-6.50793630 µs	-153.65854 kHz	

(Overview)

Keysight Infiniium : Tuesday, July 5, 2022 10:55:40 AM
Scope
File Control Setup Display Trigger Measure/Mark Math Analyze Utilities Demos Help
10:55 AM 7/5/2022
KEYSIGHT TECHNOLOGIES
Run Stop Single
1.00 GSa/s
10.0 Mpts
400 MHz
Stop'd
1.500 V
Time Meas
Vertical Meas
Measurements
2.00 V/
-2.00 V
200 mA/
200 mA
3.3V
3.3094 V
M1
M2
-2.000 V
1.00 A
800 mA
600 mA
400 mA
200 mA
0.0 A
-200 mA
-400 mA
-600 mA
Waveform Zoom1
Waveform Zoom2
-5.00 ms
-4.00 ms
-3.00 ms
-2.00 ms
-1.00 ms
0.0 s
1.00 ms
2.00 ms
3.00 ms
4.00 ms
5.00 ms
1.00 ms/
0.0 s
Results
Measurements
Measurement | Current | Mean | Min | Max | Range (Max-Min) | Std Dev | Count
V avg(1) | 1.59266 V | 1.59266 V | 1.59266 V | 1.59266 V | 0.0 V | 0.0 V | 1
V max(1) | 3.4372 V | 3.4372 V | 3.4372 V | 3.4372 V | 0.0 V | 0.0 V | 1
V min(1) | -138.3 mV | -138.3 mV | -138.3 mV | -138.3 mV | 0.0 V | 0.0 V | 1
V avg(2) | 15.3530 mA | 15.3530 mA | 15.3530 mA | 15.3530 mA | 0.0 A | 0.0 A | 1
V max(2) | 562.51 mA | 562.51 mA | 562.51 mA | 562.51 mA | 0.0 A | 0.0 A | 1
V min(2) | -225.56 mA | -225.56 mA | -225.56 mA | -225.56 mA | 0.0 A | 0.0 A | 1
Markers
Marker | Horizontal | Vertical | ΔX | 1/ΔX | ΔY
M1 | ---------- | 3.300000000 V | --- |
M2 | ---------- | 500.000000 mV | --- | -2.800000000