LP38851 control loop measurement / Schematic

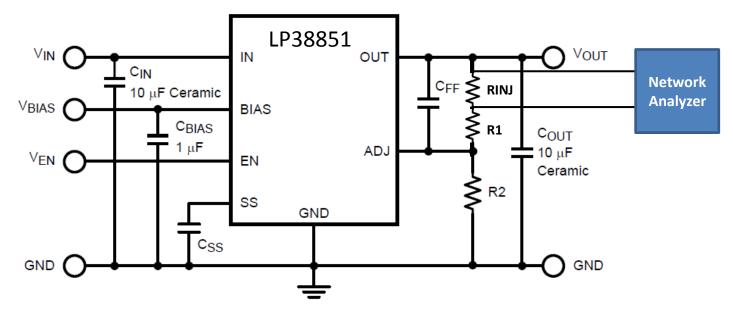


Table 1.

From LP38851 datasheet

	V _{OUT}	R1	R2	C_{FF}	F _Z
	V8.0	1.07 kΩ	1.78 kΩ	220 pF	676 kHz
	0.9V	1.50 kΩ	1.87 kΩ	180 pF	589 kHz
	1.00V	1.00 kΩ	1.00 kΩ	270 pF	589 kHz
•	1.1V	1.65 kΩ	1.37 kΩ	150 pF	643 kHz
	1.2V	1.40 kΩ	1.00 kΩ	180 pF	631 kHz

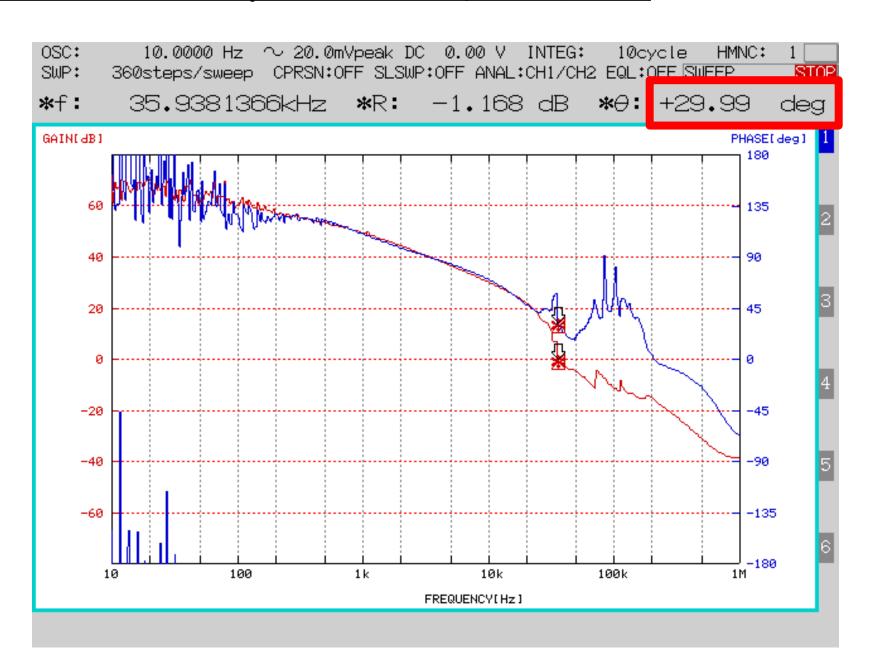
Device: LP38851 [Using LP38852MR-ADJ EVM and replaced from LP38852 to LP38851]

Cout: 1210ZC106KAT2A(AVX) [Dafault of LP38852MR-ADJ EVM]

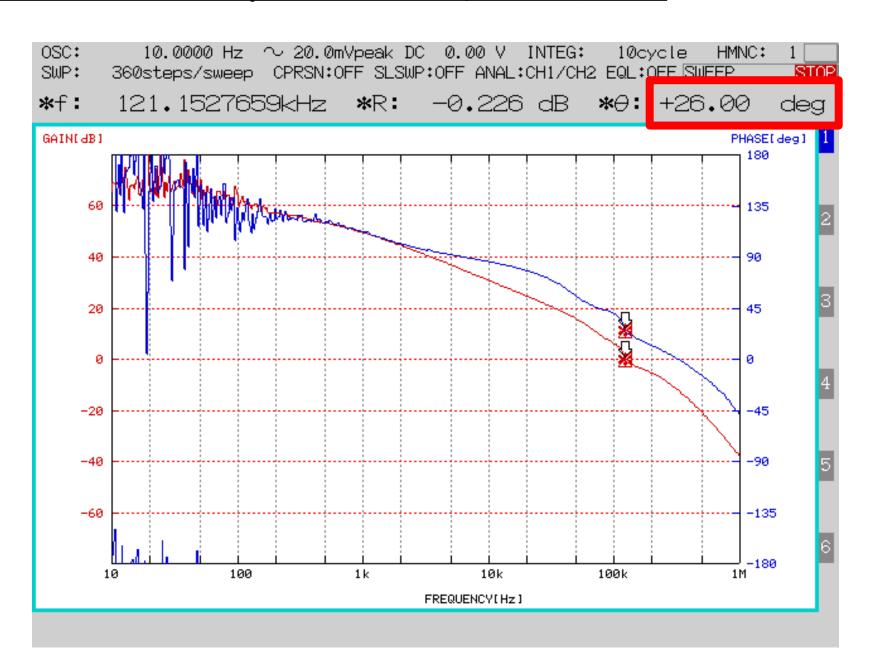
R1=R2 : 1kohm RINJ : 100ohm

Cff: 270pF

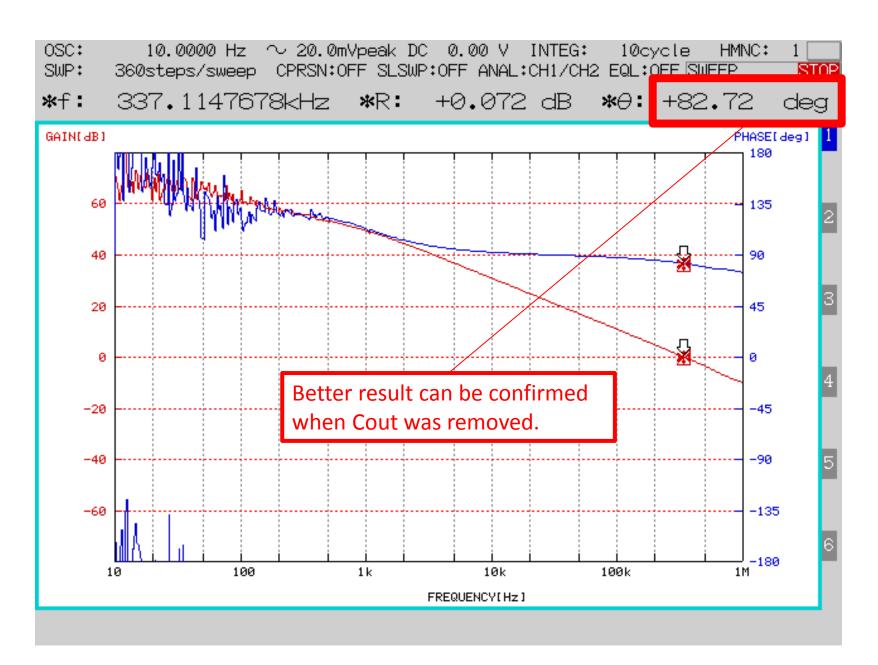
LP38851 control loop measurement / 10mA, 10uF



LP38851 control loop measurement / 100mA, 10uF



LP38851 control loop measurement / 100mA, 0uF (Cout removed)



LP38851 control loop measurement / 500mA, 10uF

