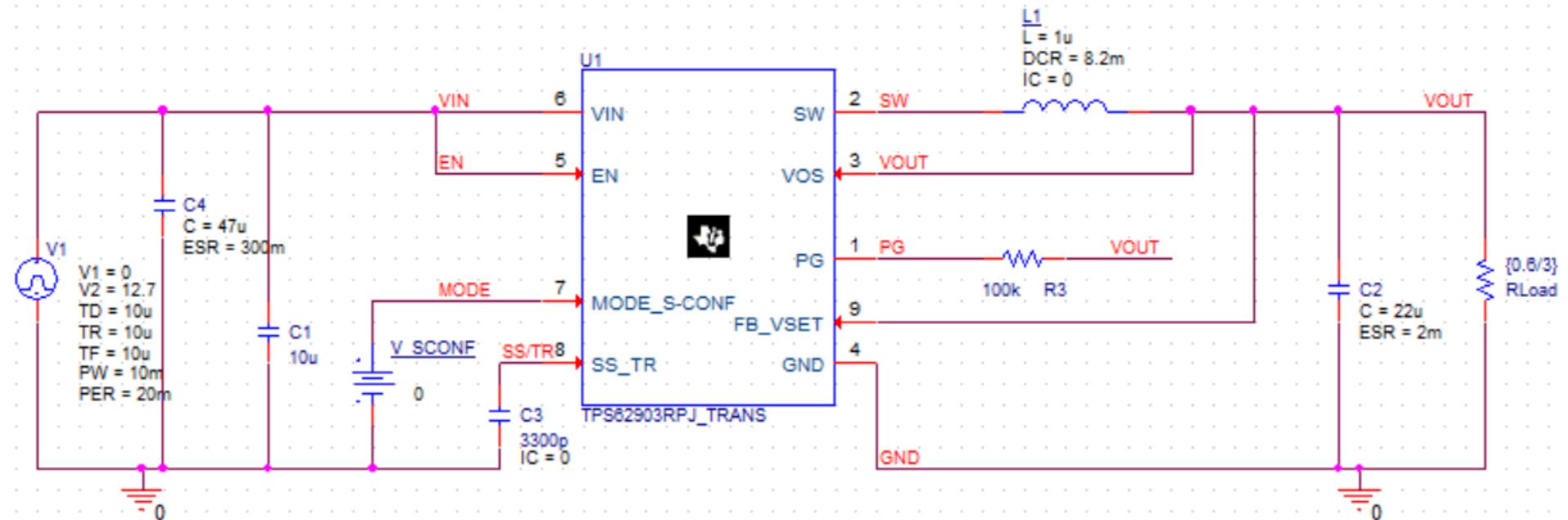
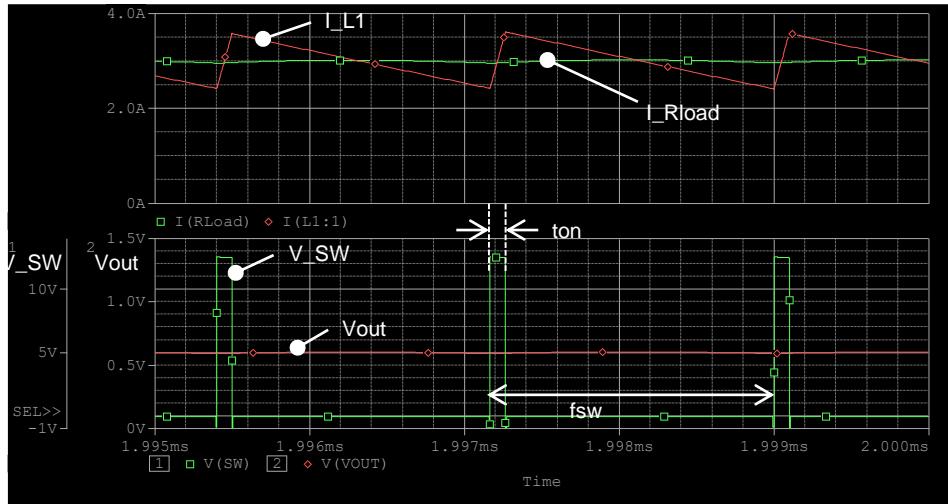


Test circuit



#	LEVEL OR RESISTOR VALUE [Ω] ⁽¹⁾	FB/VSET-PIN	F_{sw} (MHz)	OUTPUT DISCHARGE	MODE (AUTO OR FORCED PWM)	DYNAMIC MODE CHANGE
Setting Options by Level						
1	GND	external FB	2.5	yes	Auto PFM/PWM with AEE	active
2	HIGH ($>V_{IH_MODE}$)	external FB	2.5	yes	Forced PWM	

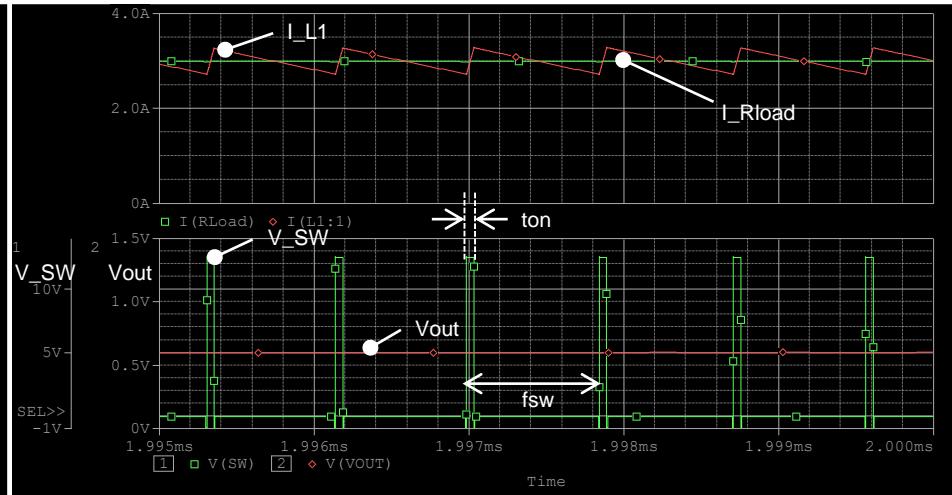
Simulation result AEE vs. Forced PWM



Auto PFM/PWM with AEE ($S_CONF=GND$, $f_{sw}=2.5\text{MHz}$)

$t_{on}=100.6\text{ns}$

$f_{sw}=540\text{kHz}$ ($T_s=1.85\mu\text{s}$)



Forced PWM ($S_CONF=VIN$, $f_{sw}=2.5\text{MHz}$)

$t_{on}=50.0\text{ns}$

$f_{sw}=1.17\text{MHz}$ ($T_s=855\text{ns}$)