

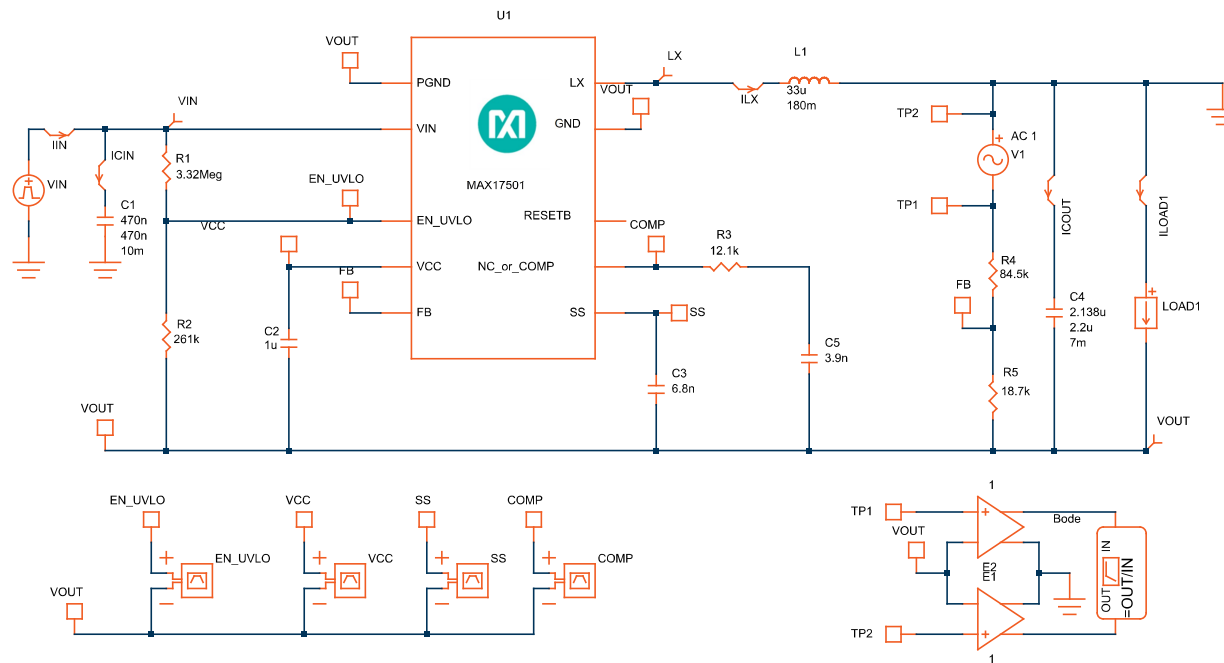
MAXREFDES1181 MAX17501

EE-Sim® OASIS Schematic Documentation

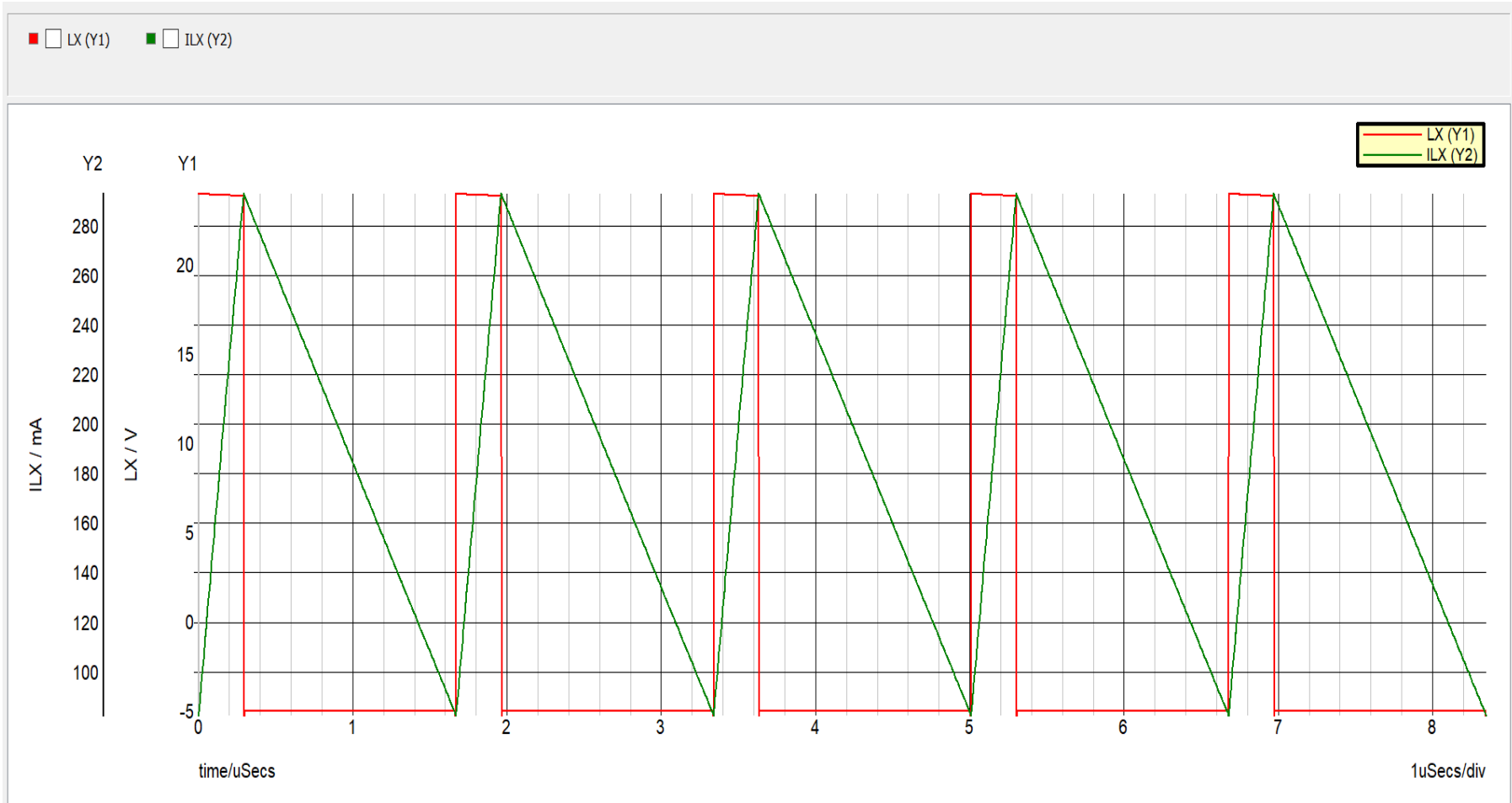
Design Requirements and Configuration

Primary Specifications	Values	Comments
Part Number:	MAX17501	
Schematic Name:	MAXREFDES1181	
Mode:	FPWM	
Default Simulation:	POP, AC Loop & Load Step	Startup schematic included
Design Requirements:		
Vin(Max):	30 V	
Vin(Nom):	24 V	
Vin(Min):	18 V	
Switching Frequency:	600 KHz	
Vout:	-5 V	
Iout:	150 mA	
Other Key Specs		

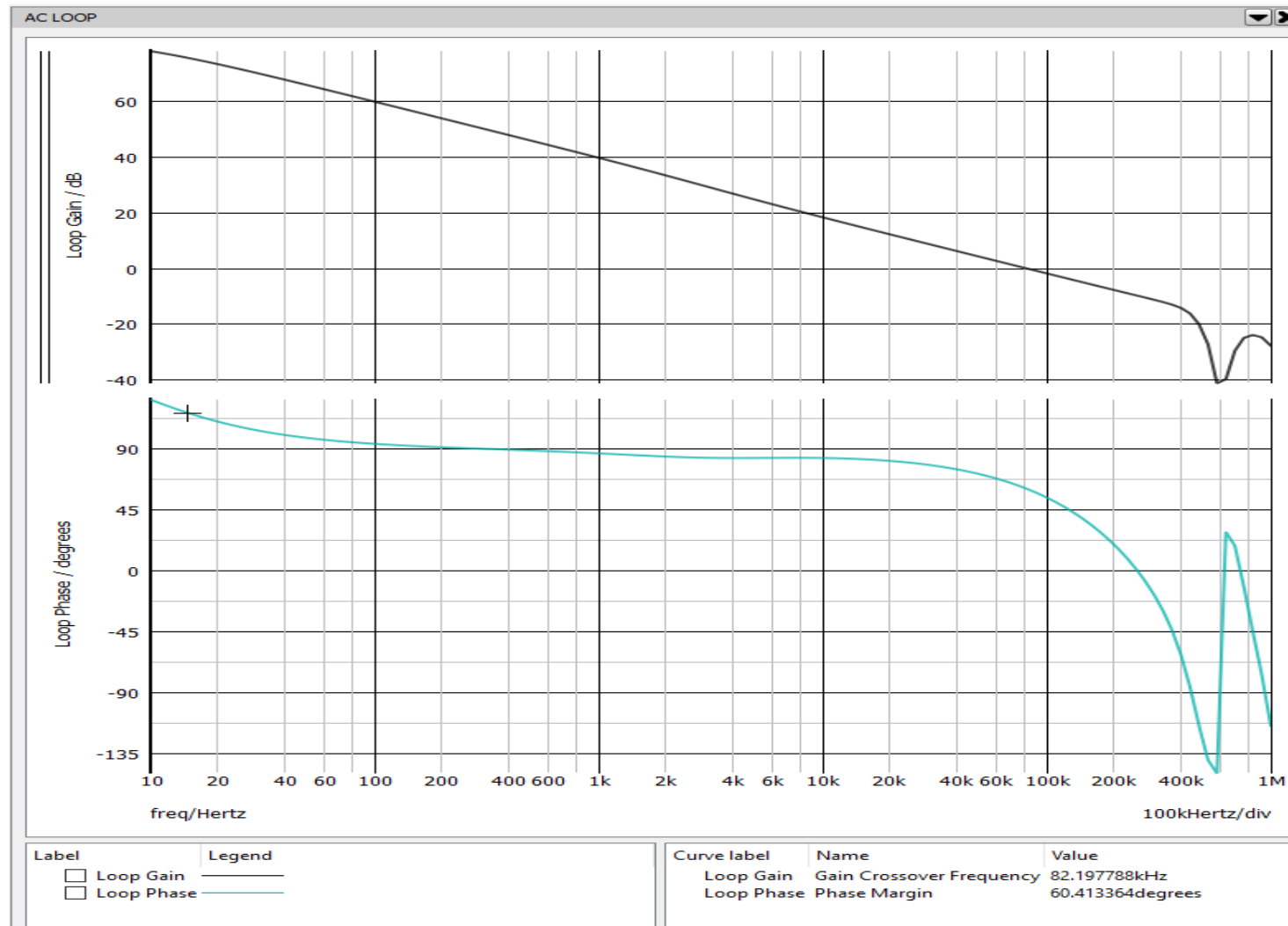
Schematic



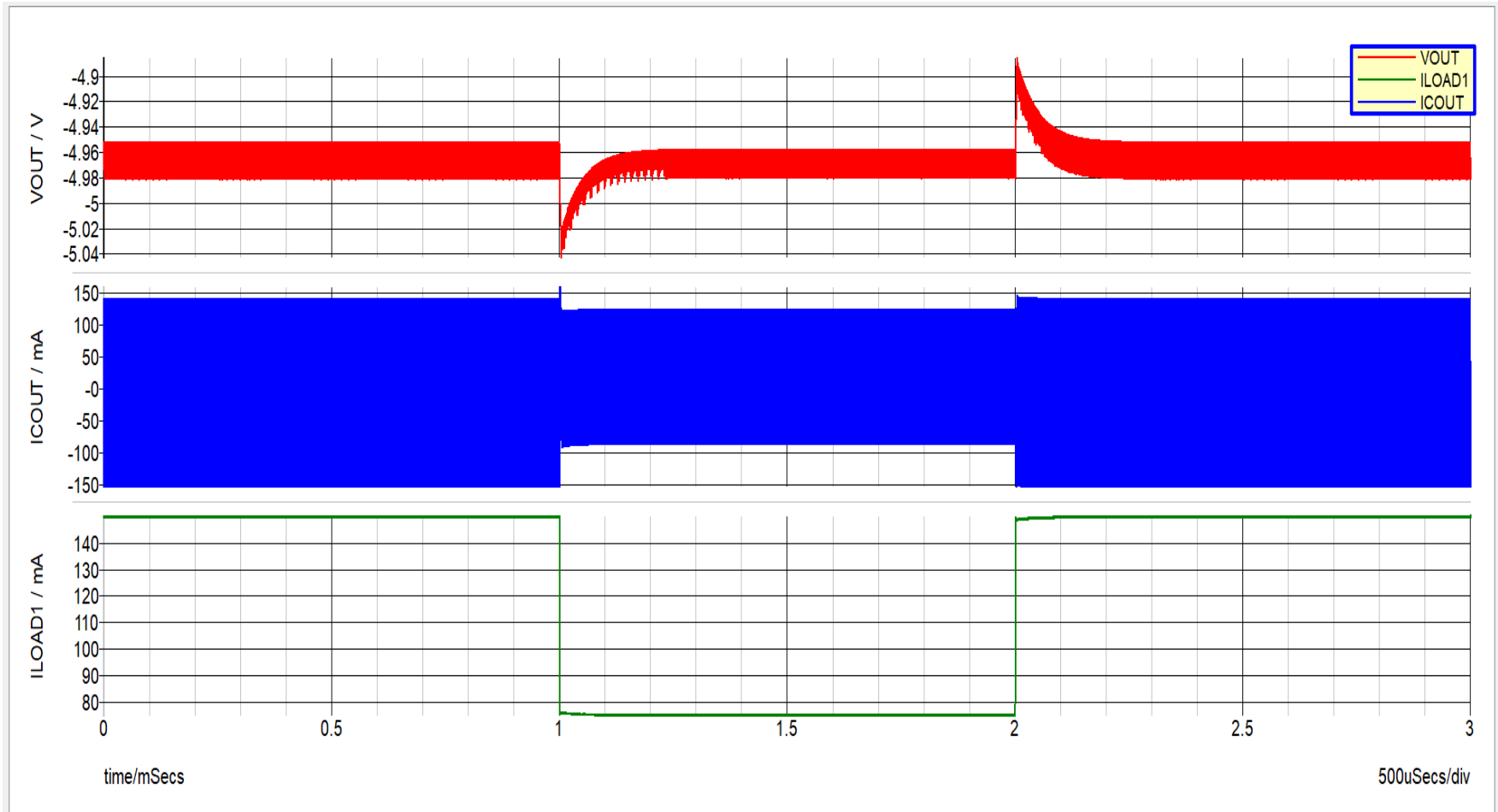
Switching Waveforms



AC Loop



Load Step Transient Response



Startup

