

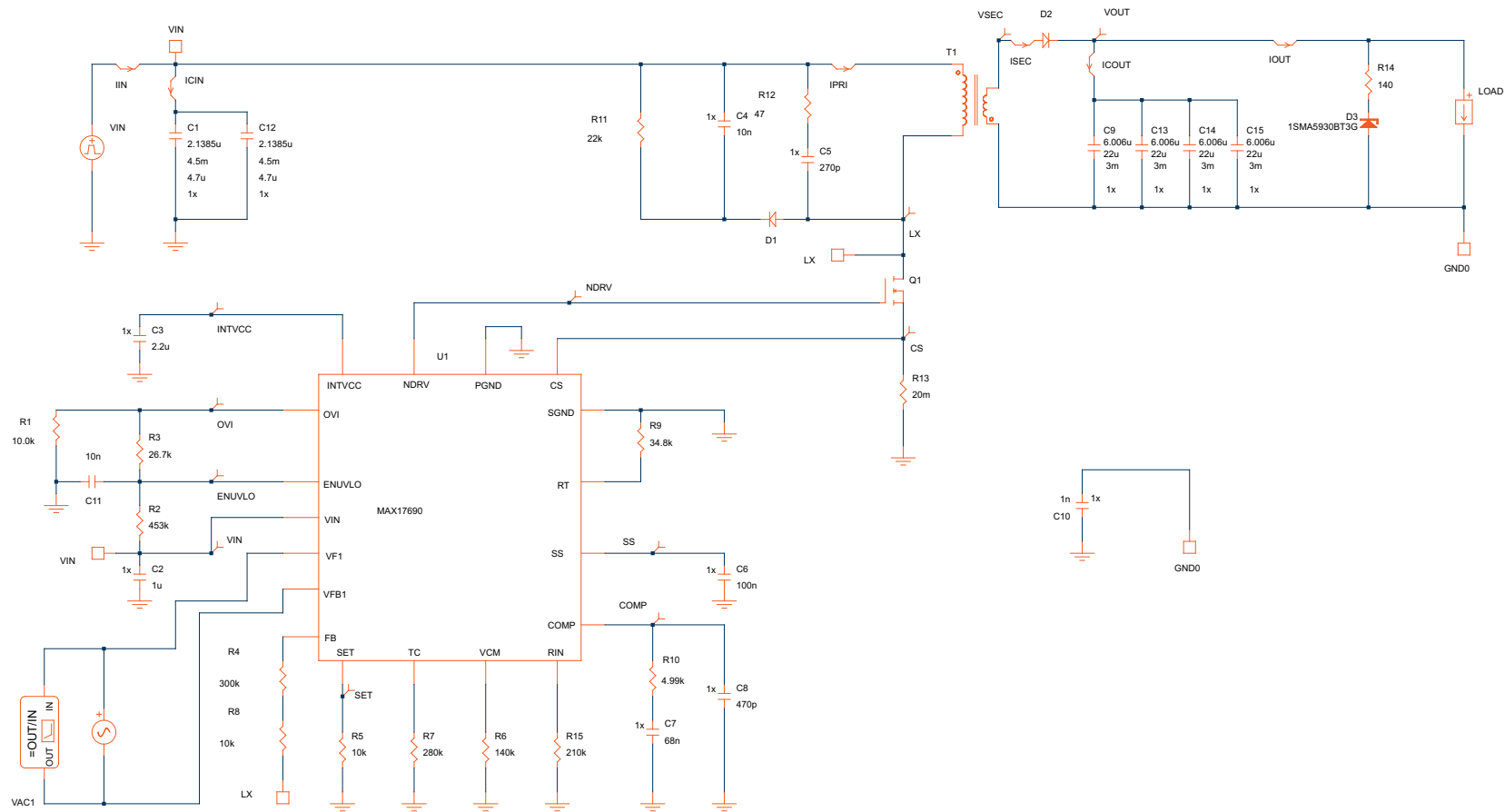
MAXREFDES1252 MAX17690

EE-Sim® OASIS Schematic Documentation

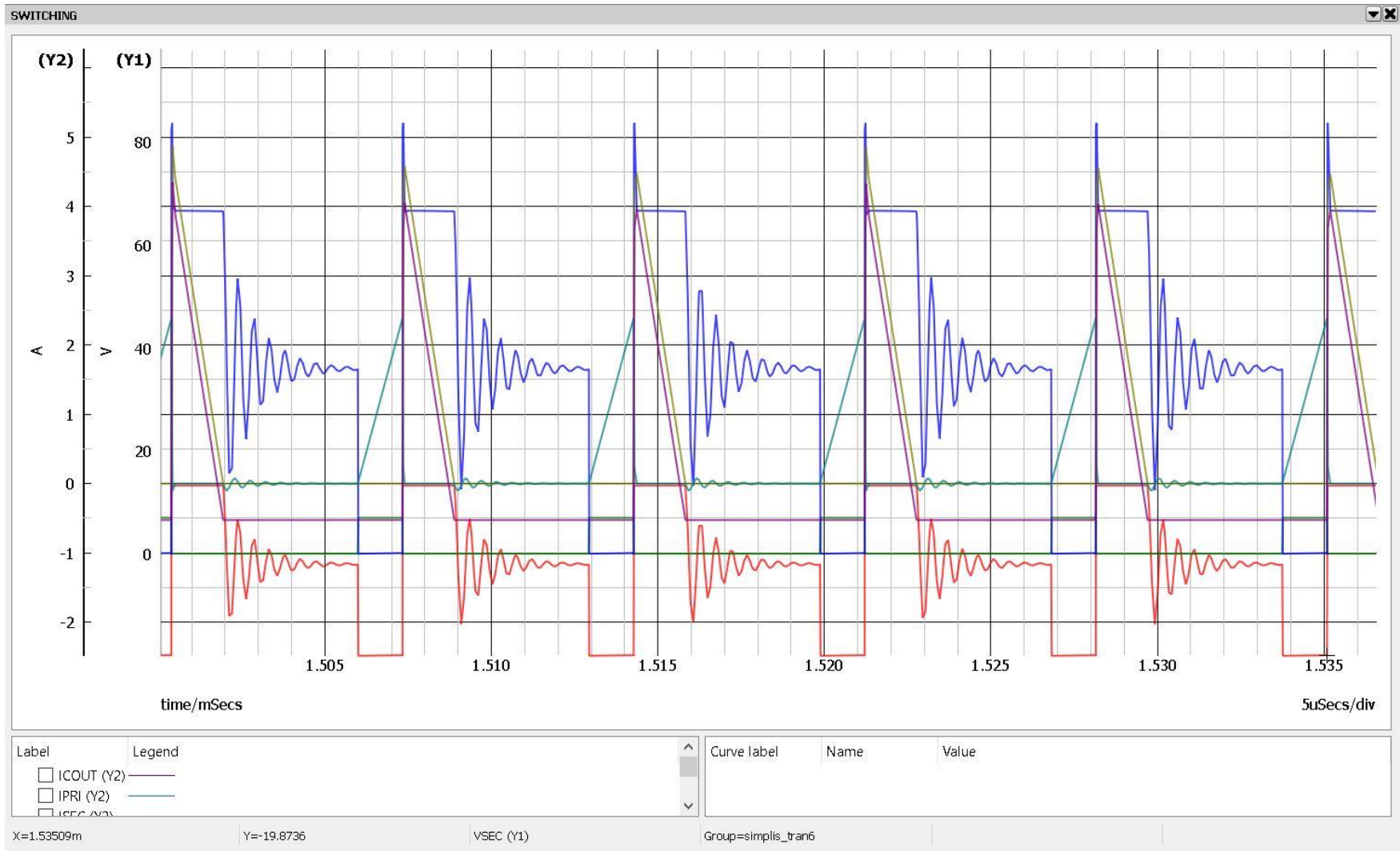
Design Requirements and Configuration

Primary Specifications	Values	Comments
Part Number:	MAX17690	
Schematic Name:	MAXREFDES1252	
Mode:	FPWM	
Default Simulation:	POP & AC Loop & Load Step	Startup schematic included
Design Requirements:		
Vin(Max):	54V	
Vin(Nom):	36V	
Vin(Min):	18V	
Switching Frequency:	115 kHz	
Vout:	14.5V	
Iout:	1.2A	
Other Key Specs		

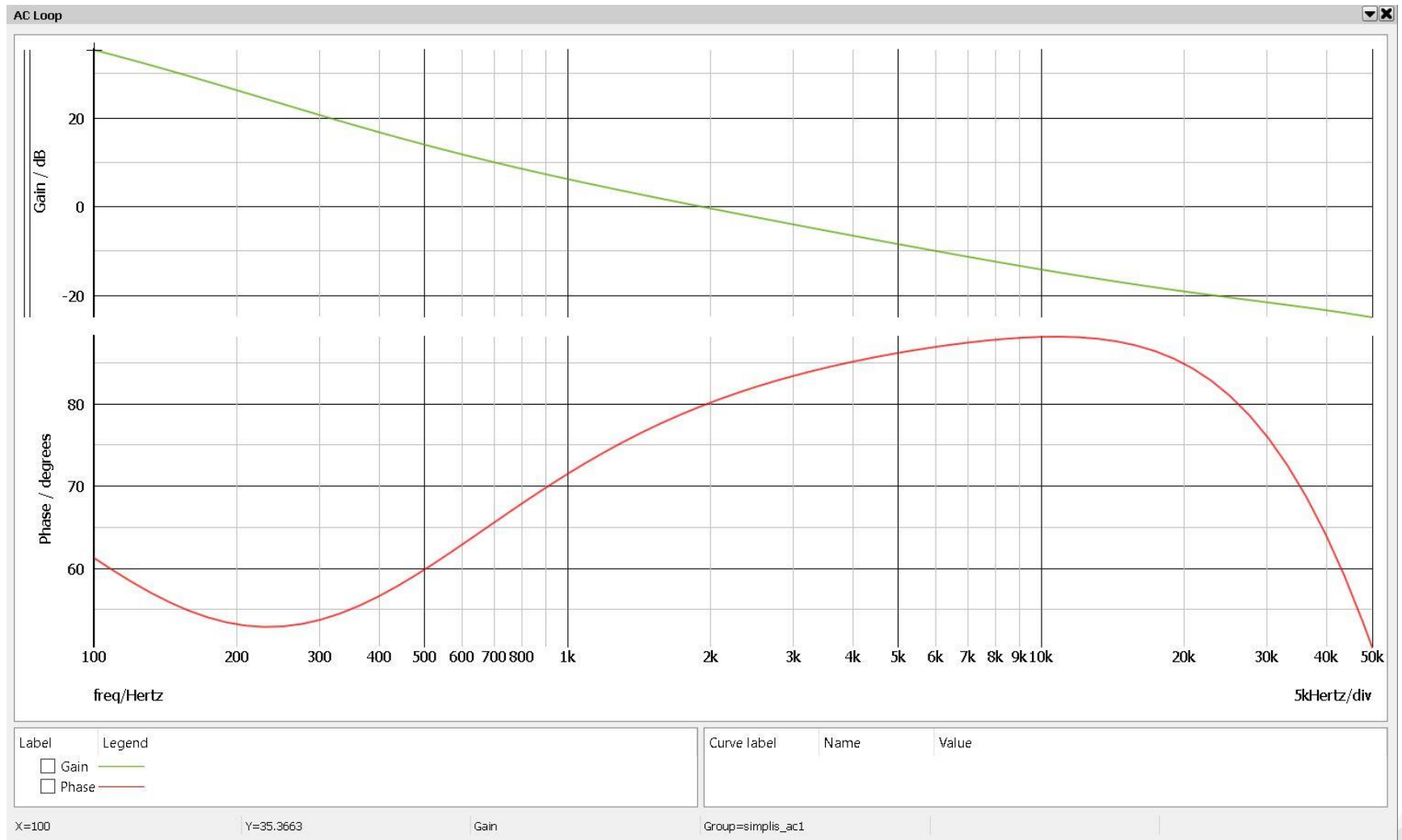
Schematic



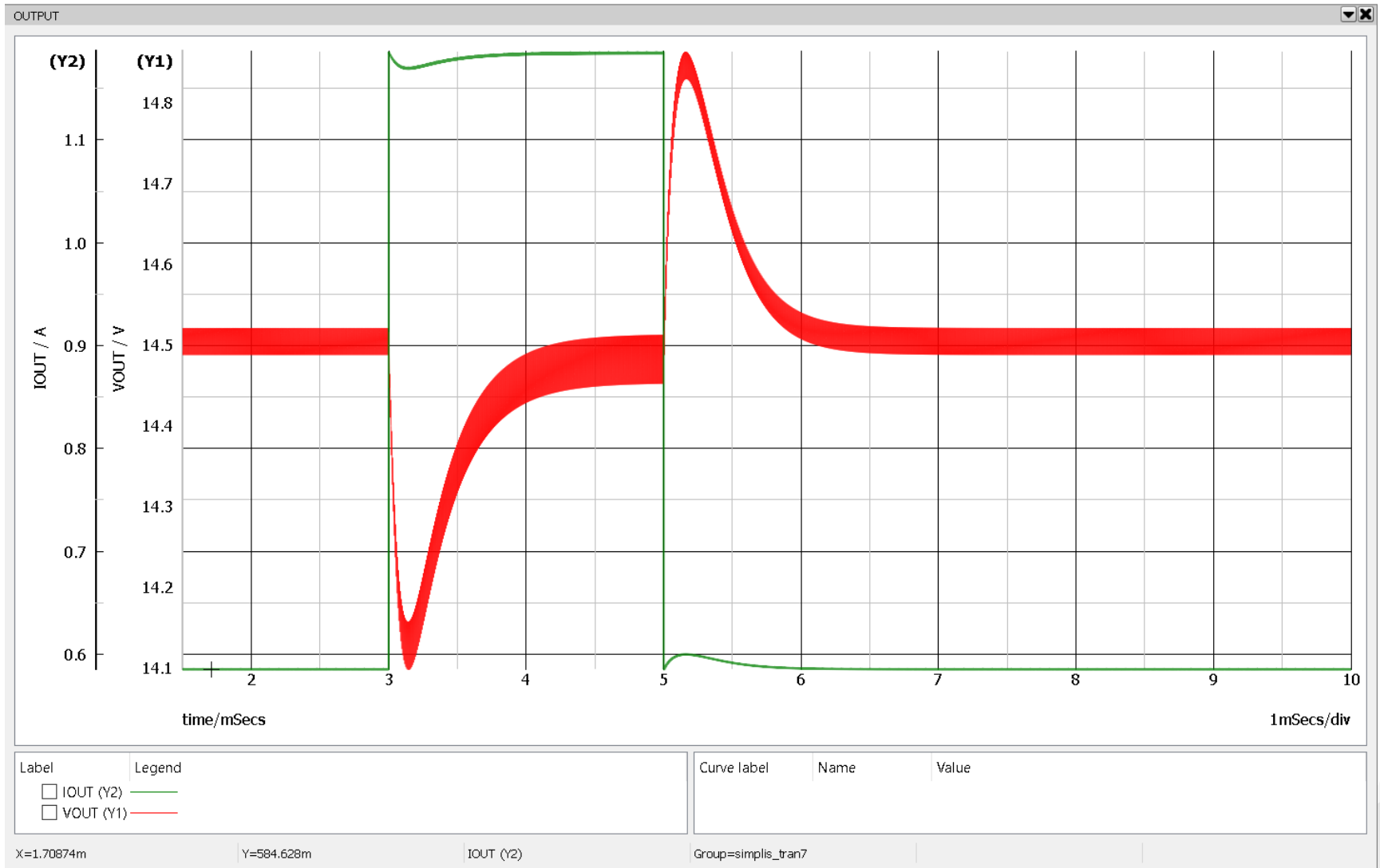
Switching Waveforms



Bode Plot



Load Step Transient Response



Startup

