

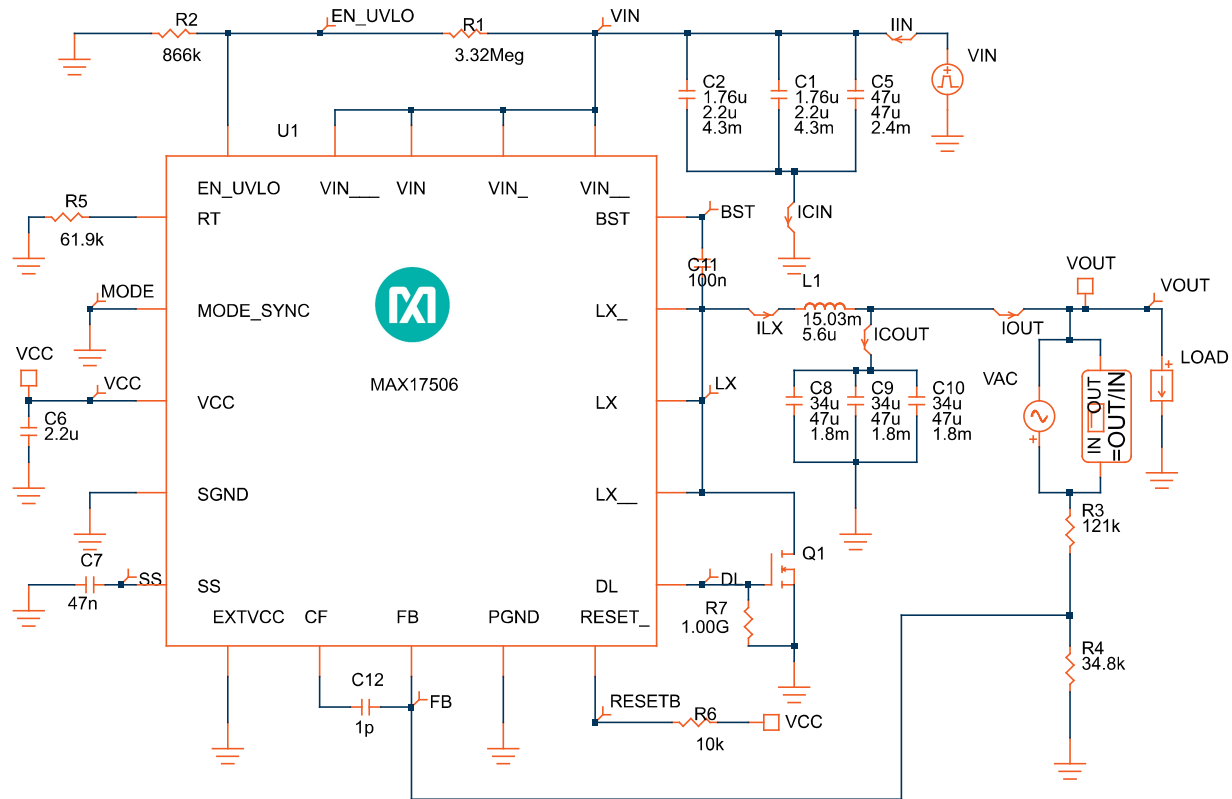
MAXREFDES1054 MAX17506

EE-Sim® OASIS Schematic Documentation

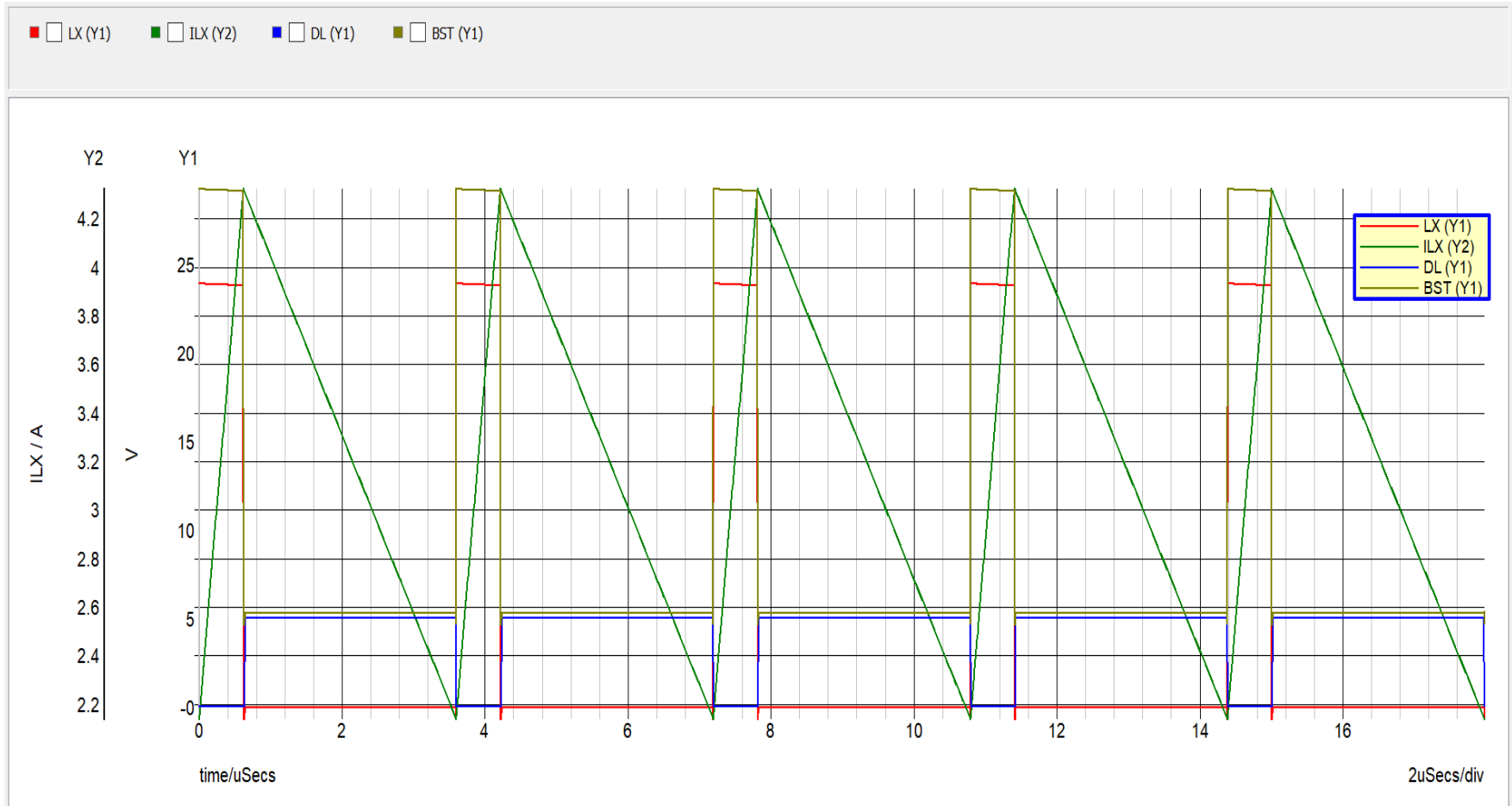
Design Requirements and Configuration

Primary Specifications	Values	Comments
Part Number:	MAX17506	
Schematic Name:	MAXREFDES1054	
Mode:	PWM,PFM,DCM	
Default Simulation:	POP & AC Loop & Load Step	Startup schematic included
Design Requirements:		
Vin(Max):	55 V	
Vin(Nom):	24 V	
Vin(Min):	10 V	
Switching Frequency:	300 KHz	
Vout:	4 V	
Iout:	5 A	
Other Key Specs		

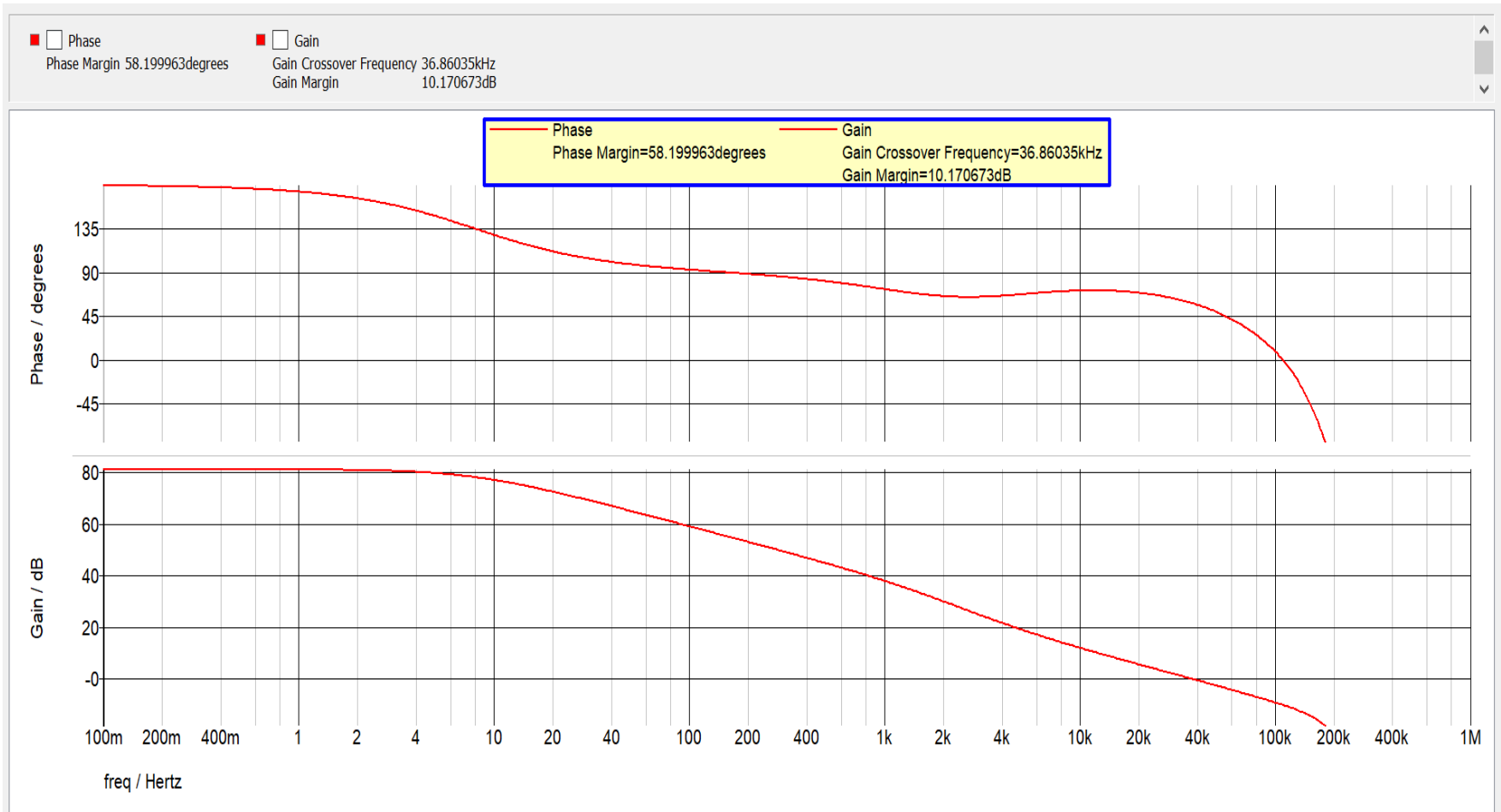
Schematic



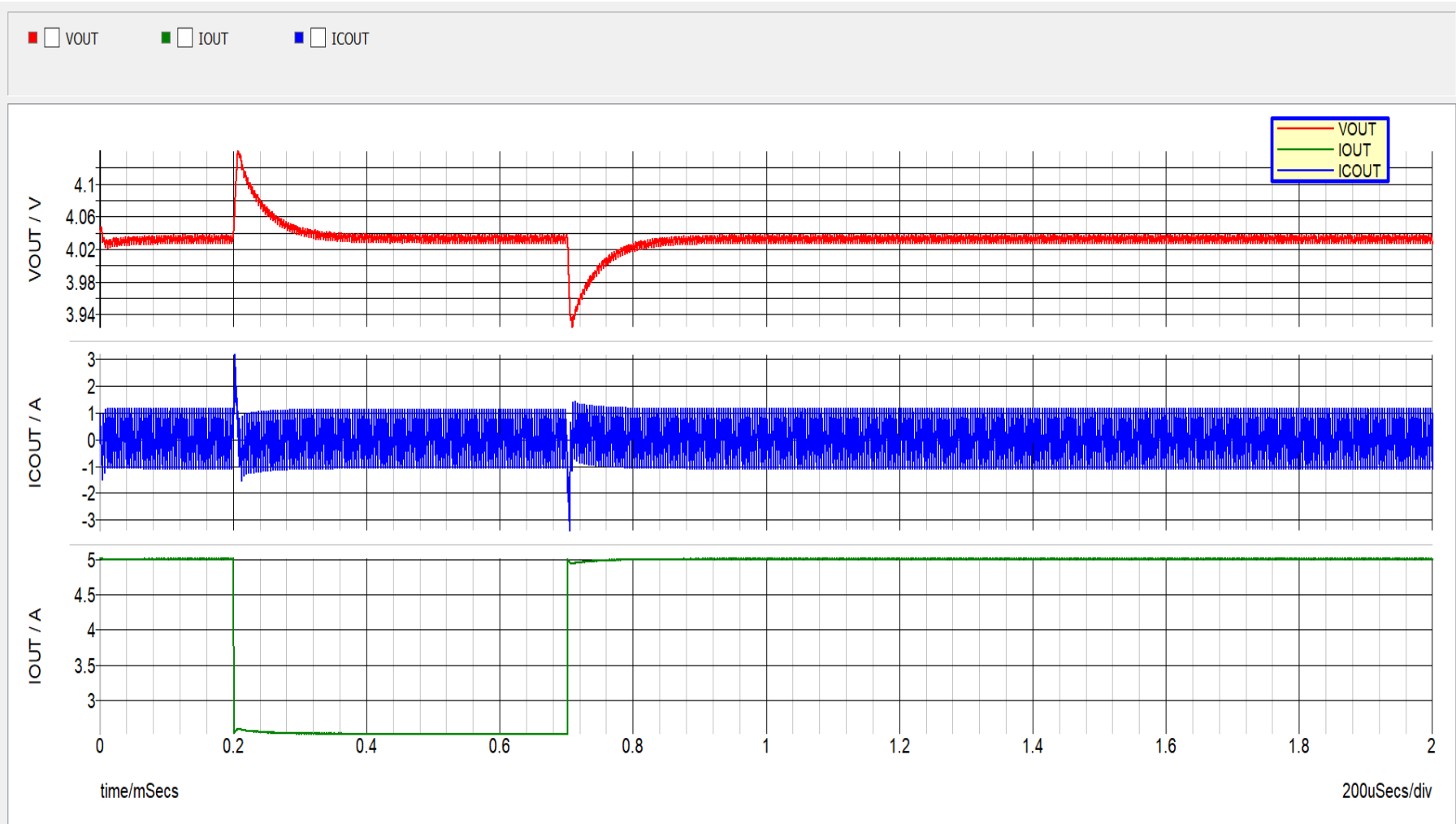
Switching Waveforms



Bode Plot



Load Step Transient Response



Startup

