

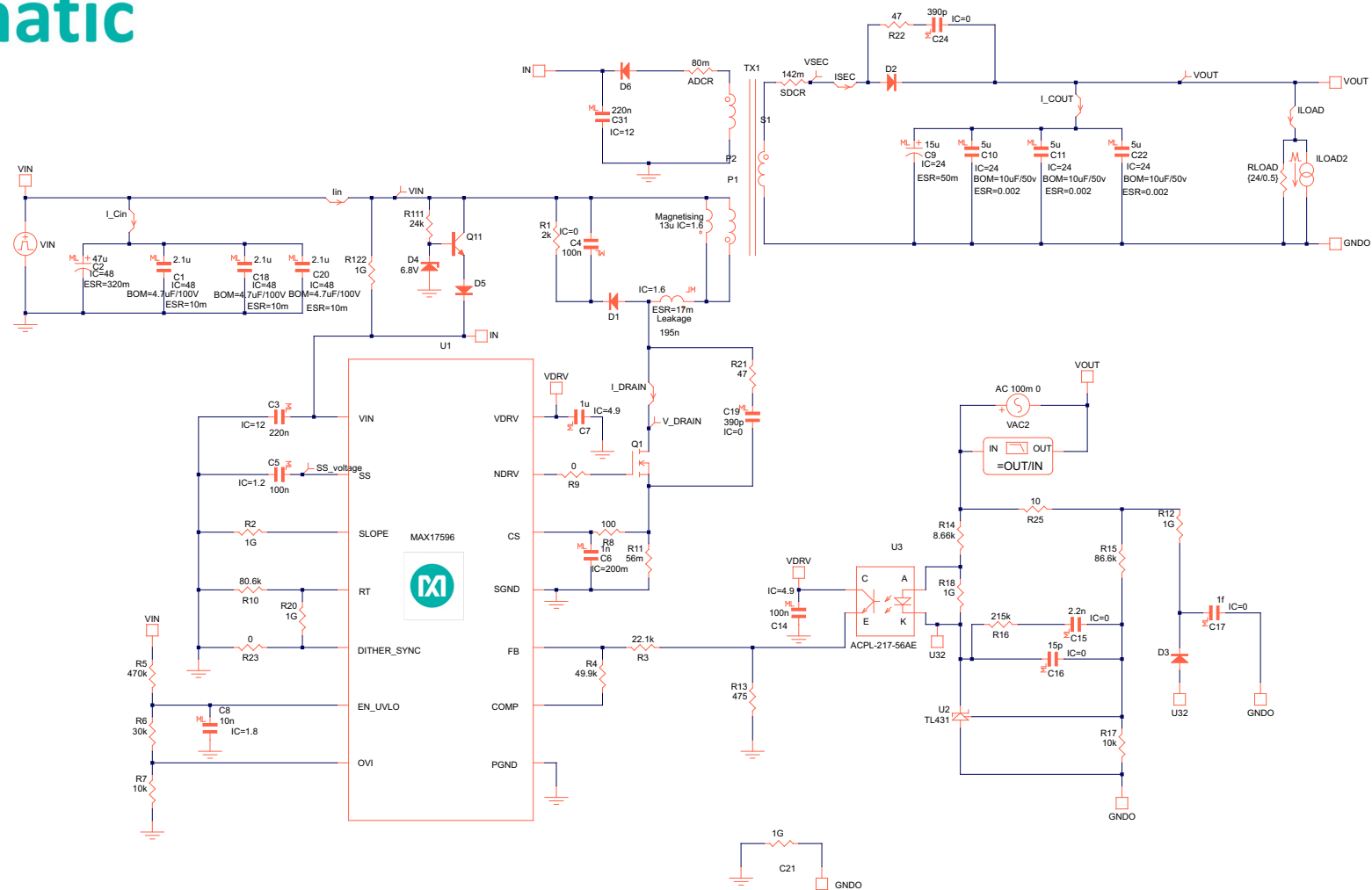
MAXREFDES1084

OASIS Schematic Documentation

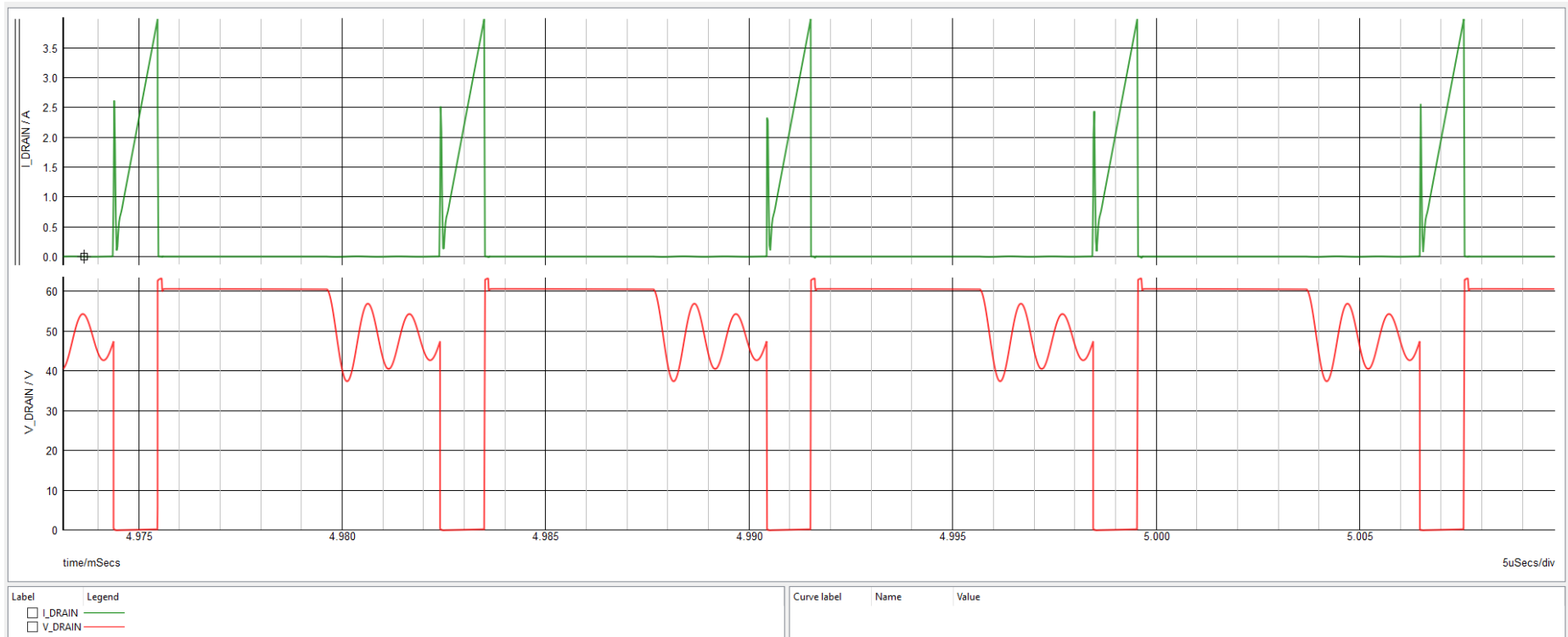
MAXREFDES1084 Design Requirements and Configuration

Primary Specifications	Values	Comments
Part Number:	MAX17596	
Schematic Name:	MAXREFDES1084	
Mode:	DC-DC Isolated DCM Flyback	
Default Simulation:	Steady-State (POP), AC Loop, Load Step	
Design Requirements:		
Vin(Max):	17V	
Vin(Nom):	24V	
Vin(Min):	60V	
Switching Frequency:	125kHz	
Vout:	24V	
Iout:	0.5A	

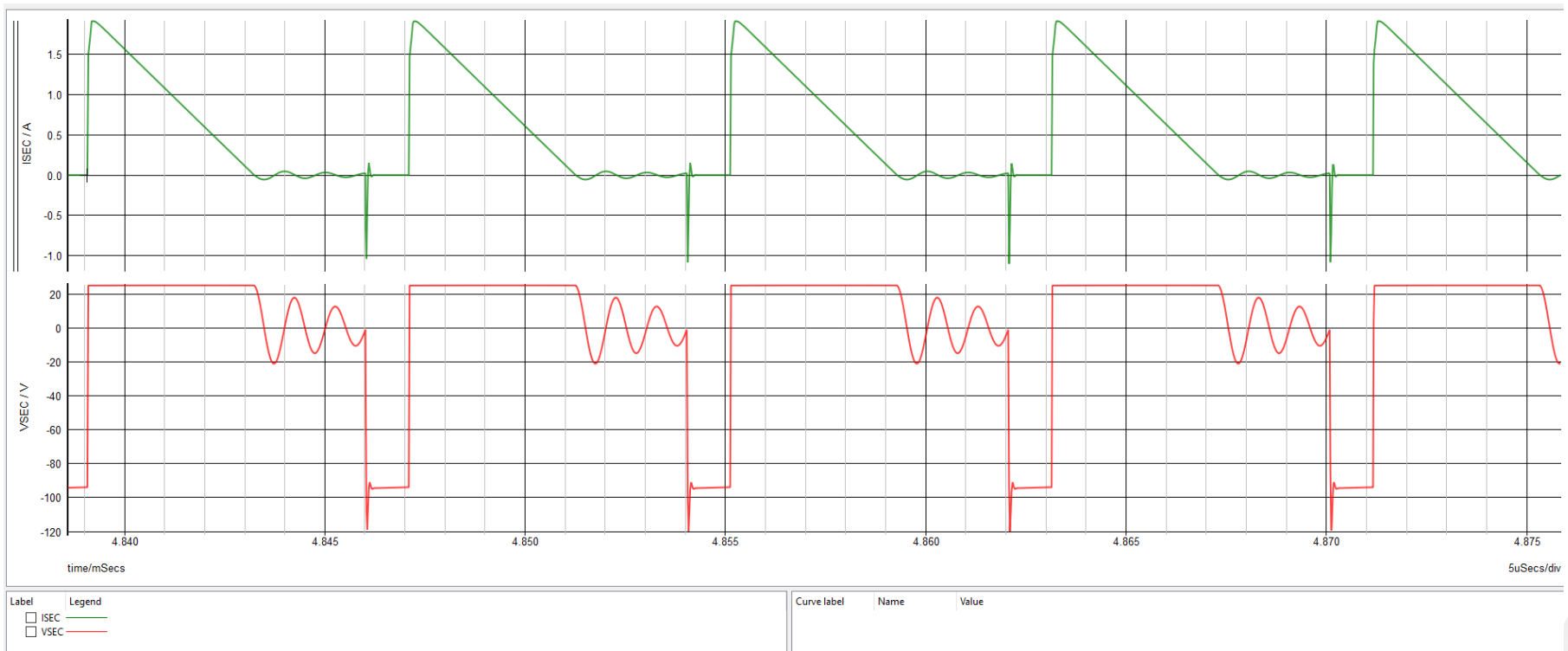
Schematic



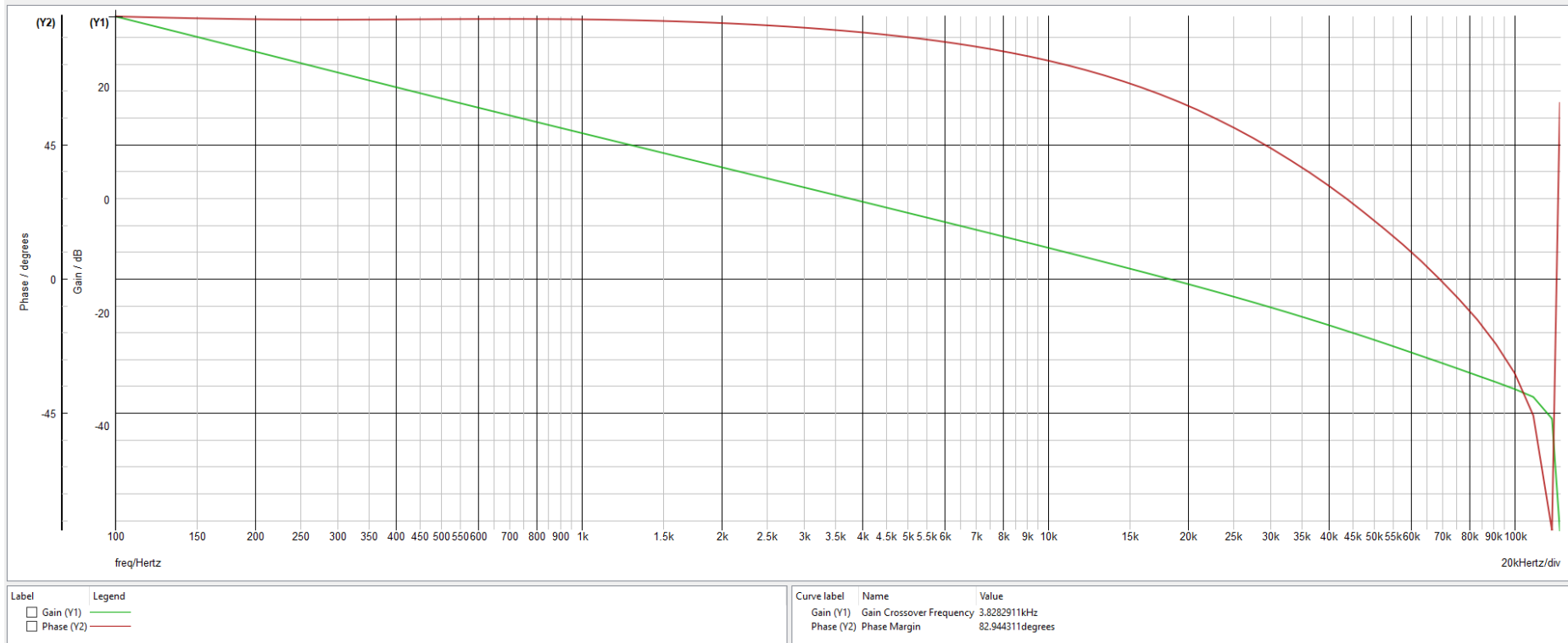
MAXREFDES1084 Primary Switching Waveforms



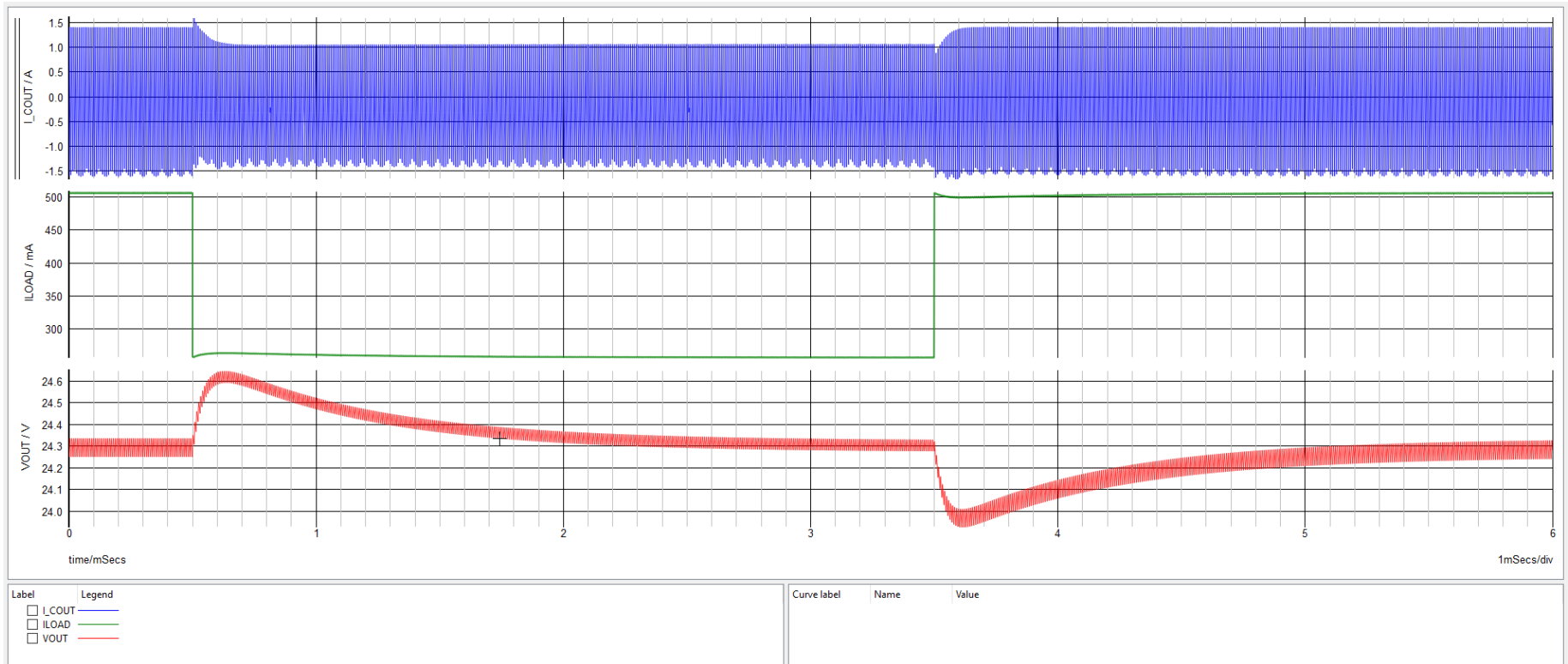
MAXREFDES1084 Secondary Switching Waveforms



MAXREFDES1084 Bode Plot



MAXREFDES1084 Load Step Transient Response



MAXREFDES1084: Startup Waveforms

