



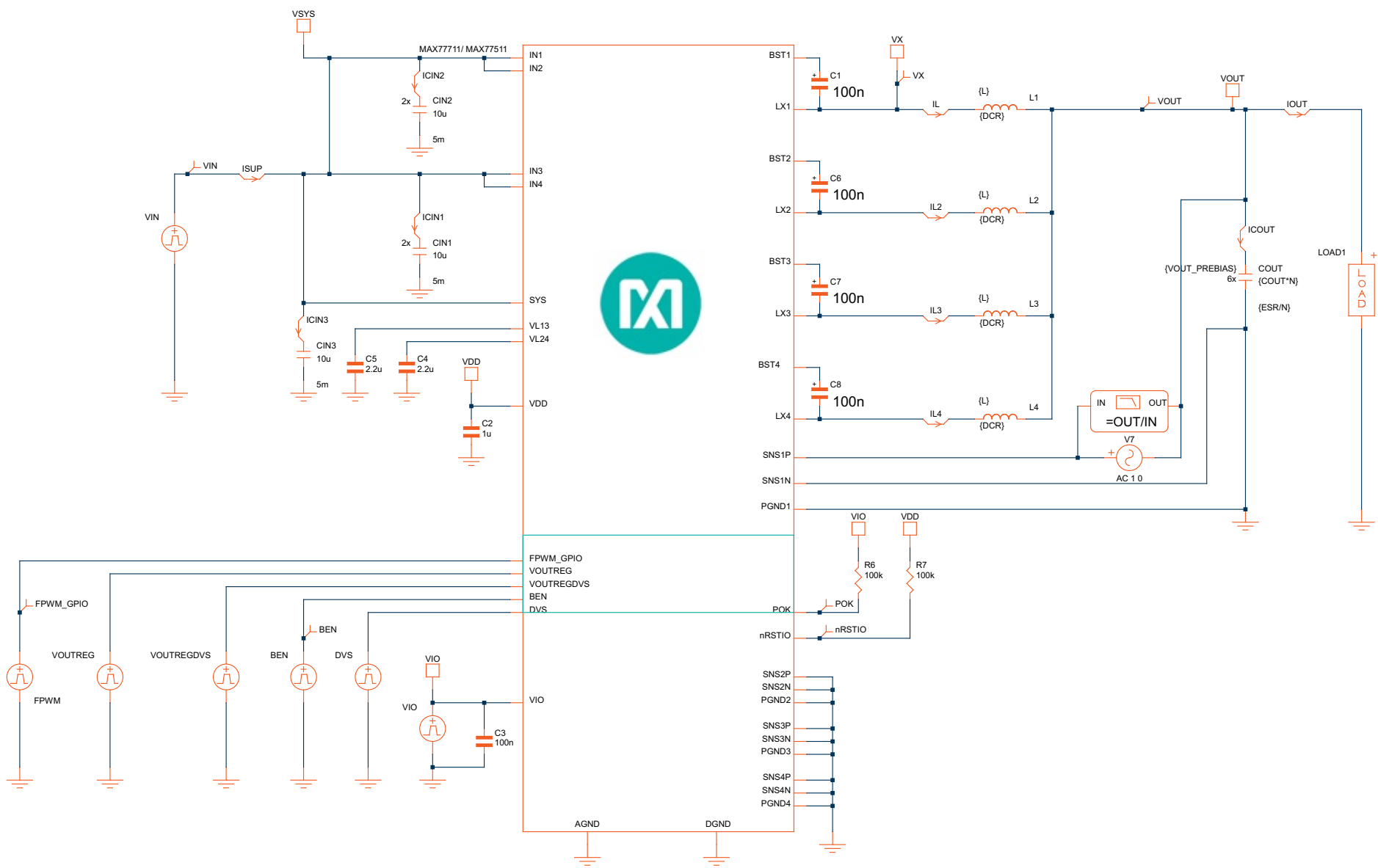
MAX77511

EE-Sim OASIS Schematic Documentation

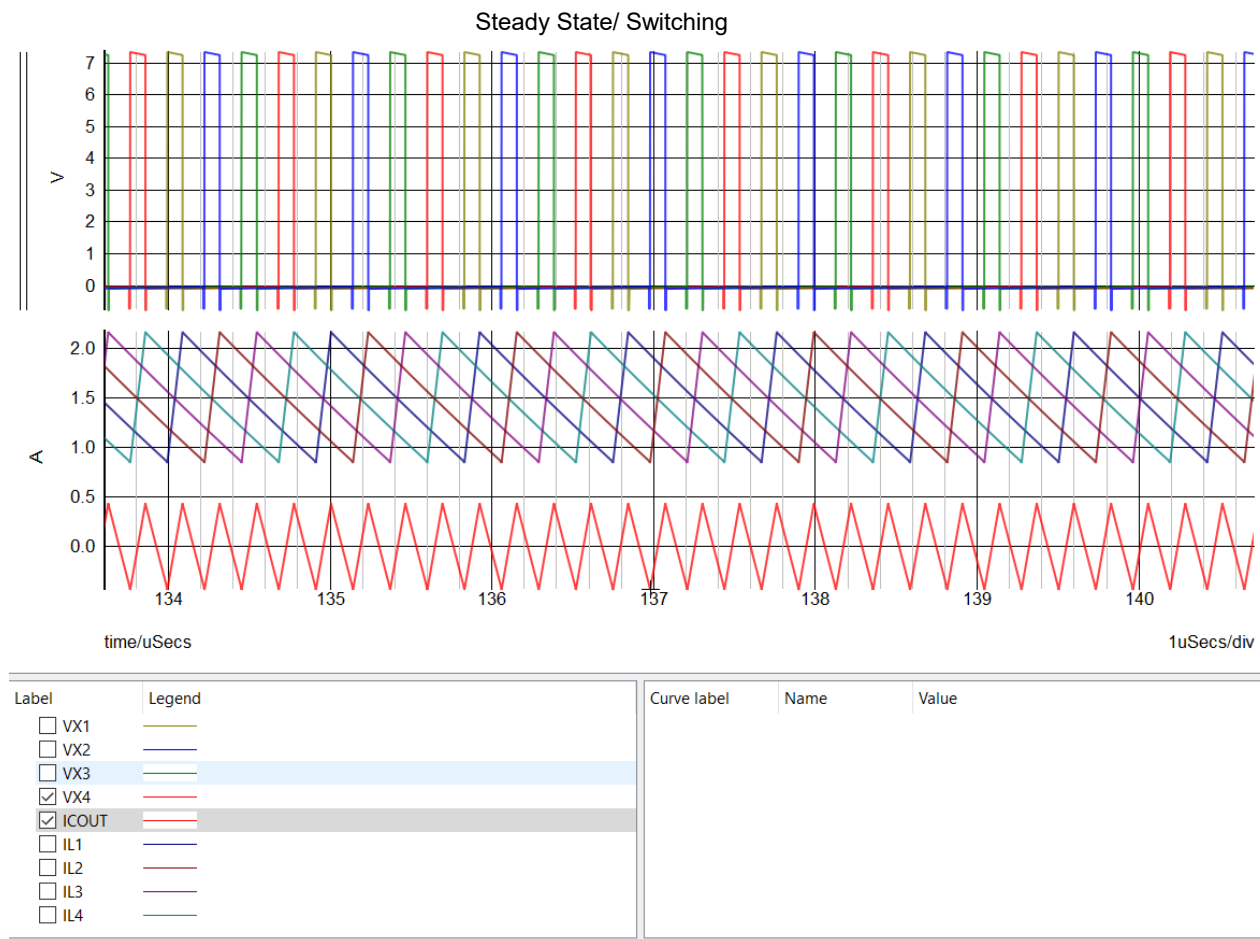
MAX77511: 4-Ph Design Requirements

EE-Sim OASIS Schematic Documentation		Comments:
Part Number:	MAX77511	
Schematic Name:	MAX77511 4PH	
Mode:	PWM	
Default Simulation:	Load Step	
Vin(Min):	2.3V	
Vin(Max):	10V	
Vout:	0.65V	
Iout:	6A	
GUI: Buck Converter Tab		
Number of Phases	4 Phase	
DVS Output Voltage	1.0V	
Buck Mode Control	2	
Active Discharge	1	
Peak Current Limit	4.5	
Falling Slew Rate Enable	0	
Soft Start/Soft Stop Slew Rate	10	
DVS Up Slew Rate	20	
DVS Down Slew Rate	40	
GUI: Factory Options Tab		
Transient Performance Option	0	
Sofstart ILIM Override	0	
Assisted Active Discharge	0	

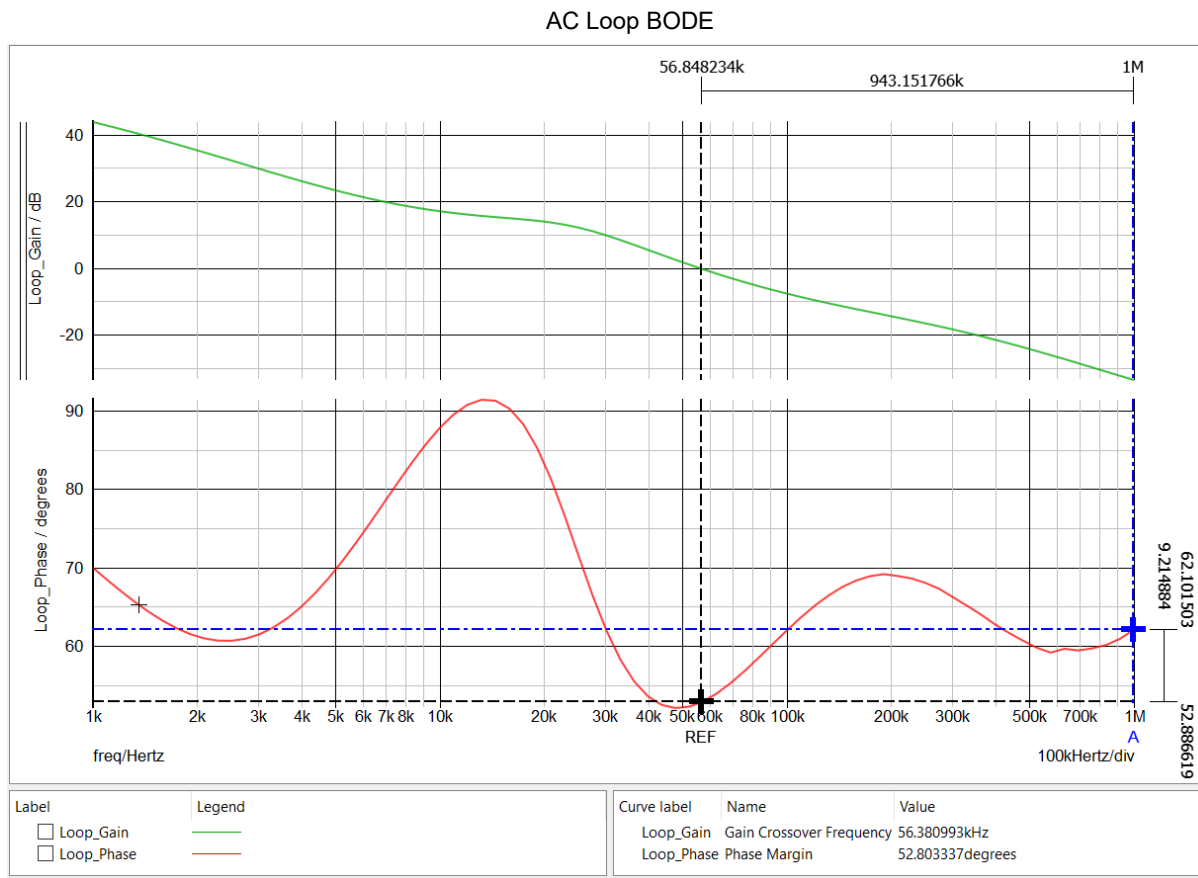
Schematic



MAX77511: 4-Ph Switching Waveforms



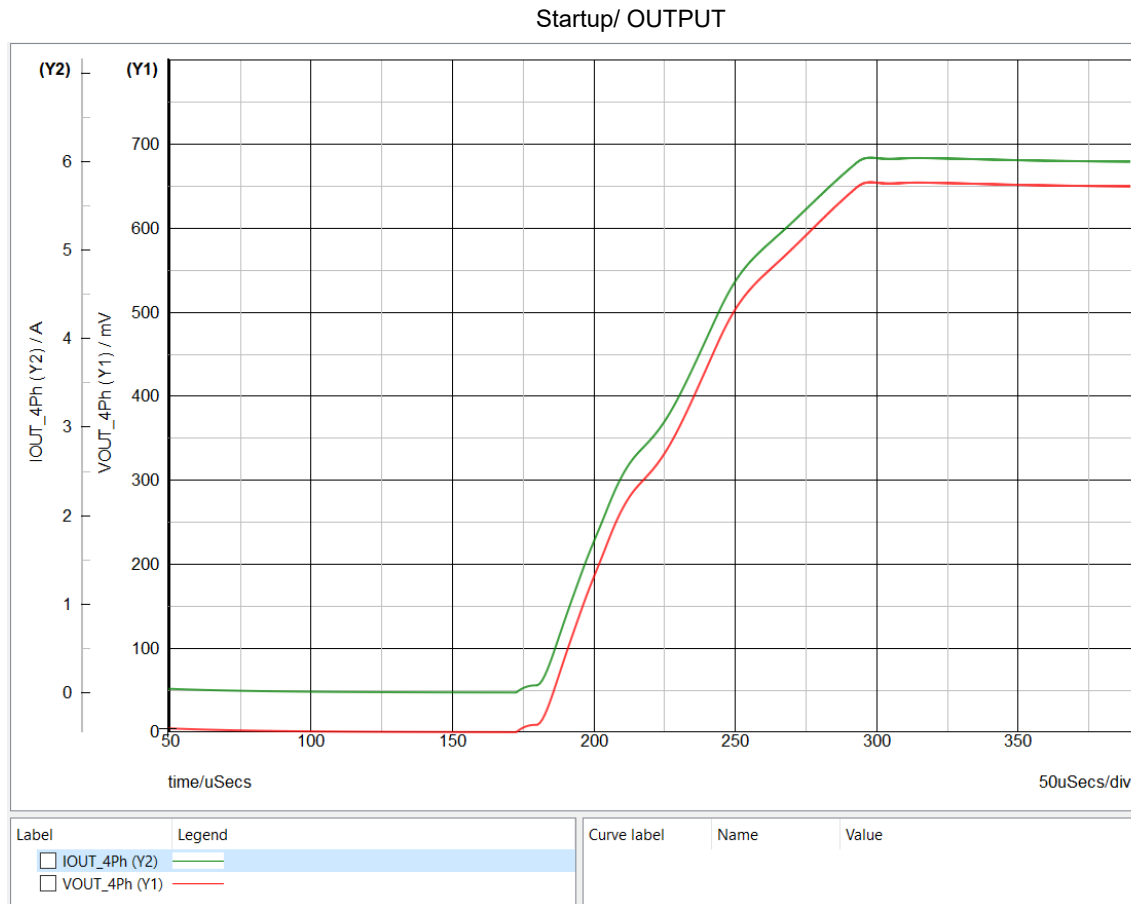
MAX77511: 4-Ph Bode Plot



MAX77511: 4-Ph Load Step Transient Response



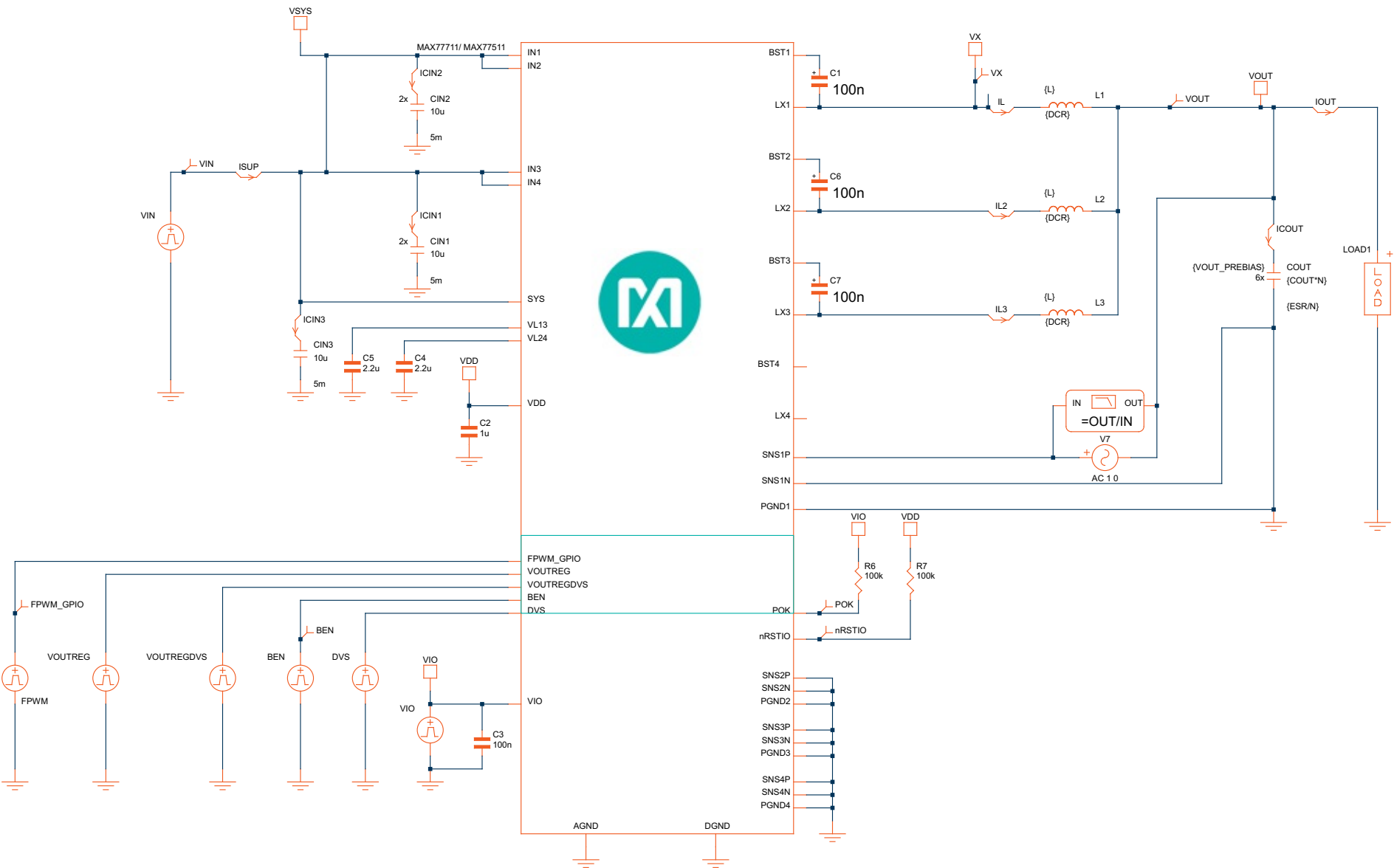
MAX77511: 4-Ph Startup



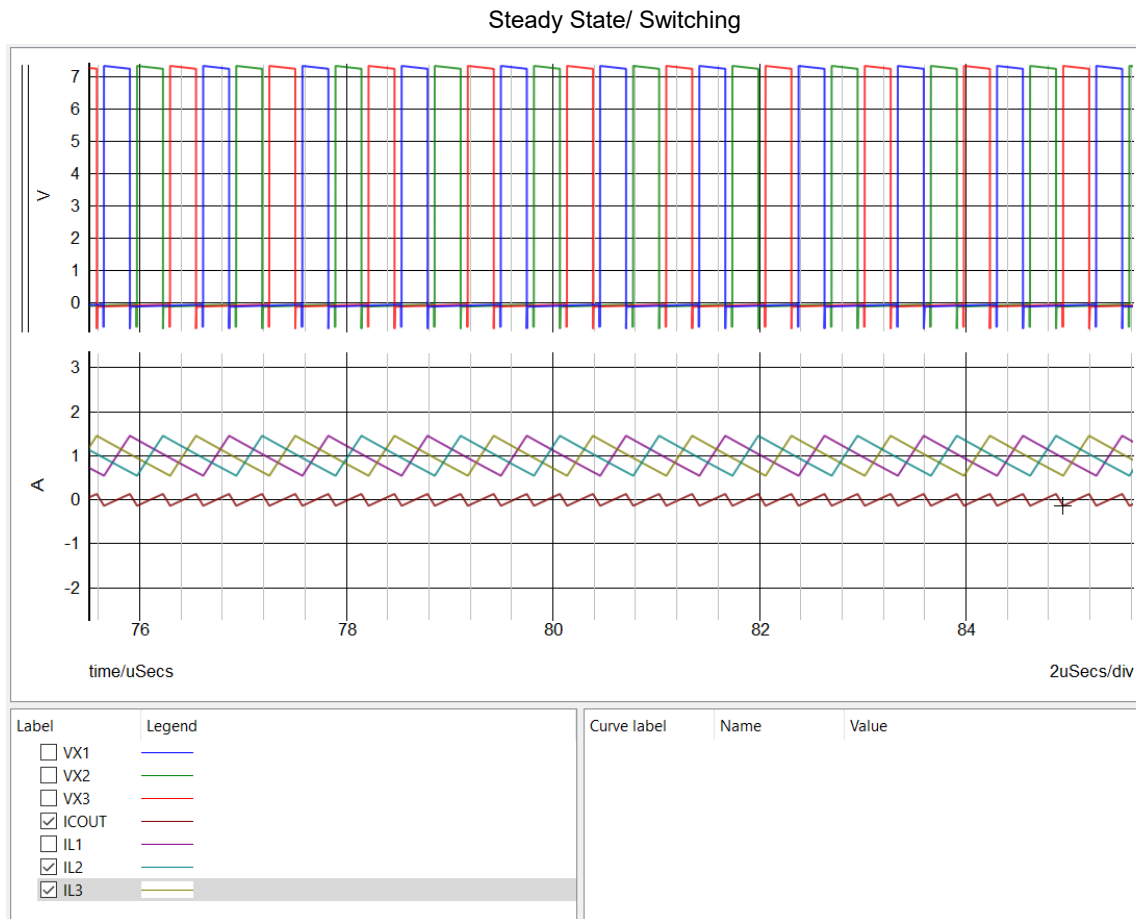
MAX77511: 3-Ph Design Requirements

EE-Sim OASIS Schematic Documentation		Comments:
Part Number:	MAX77511	
Schematic Name:	MAX77511 3PH	
Mode:	PWM	
Default Simulation:	Load Step	
Vin(Min):	2.3V	
Vin(Max):	10V	
Vout:	1.8V	
Iout:	4.5A	
GUI: Buck Converter Tab		
Number of Phases	3 Phase	
DVS Output Voltage	3.3V	
Buck Mode Control	2	
Active Discharge	1	
Peak Current Limit	4.5	
Falling Slew Rate Enable	0	
Soft Start/Soft Stop Slew Rate	10	
DVS Up Slew Rate	20	
DVS Down Slew Rate	40	
GUI: Factory Options Tab		
Transient Performance Option	0	
Sofstart ILIM Override	0	
Assisted Active Discharge	0	

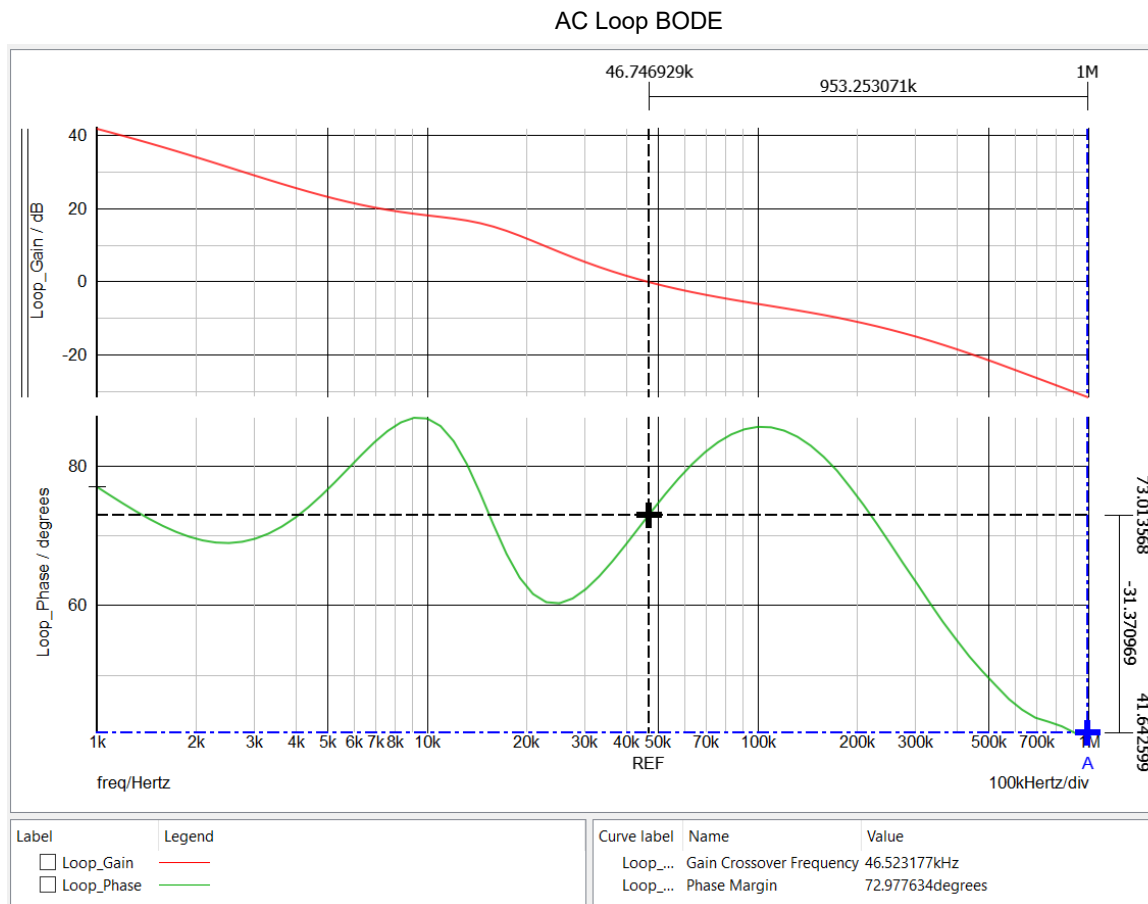
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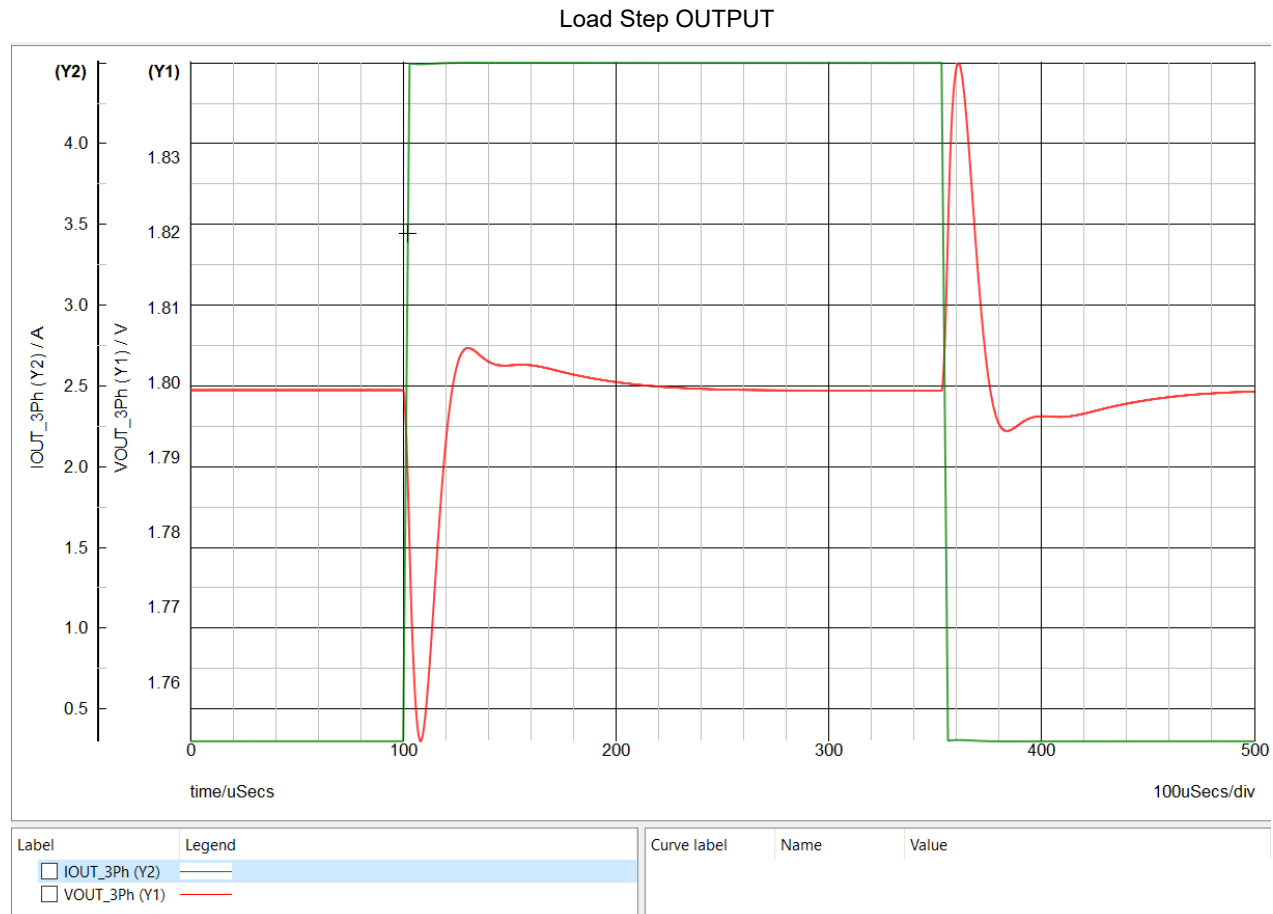
MAX77511: 3-Ph Switching Waveforms



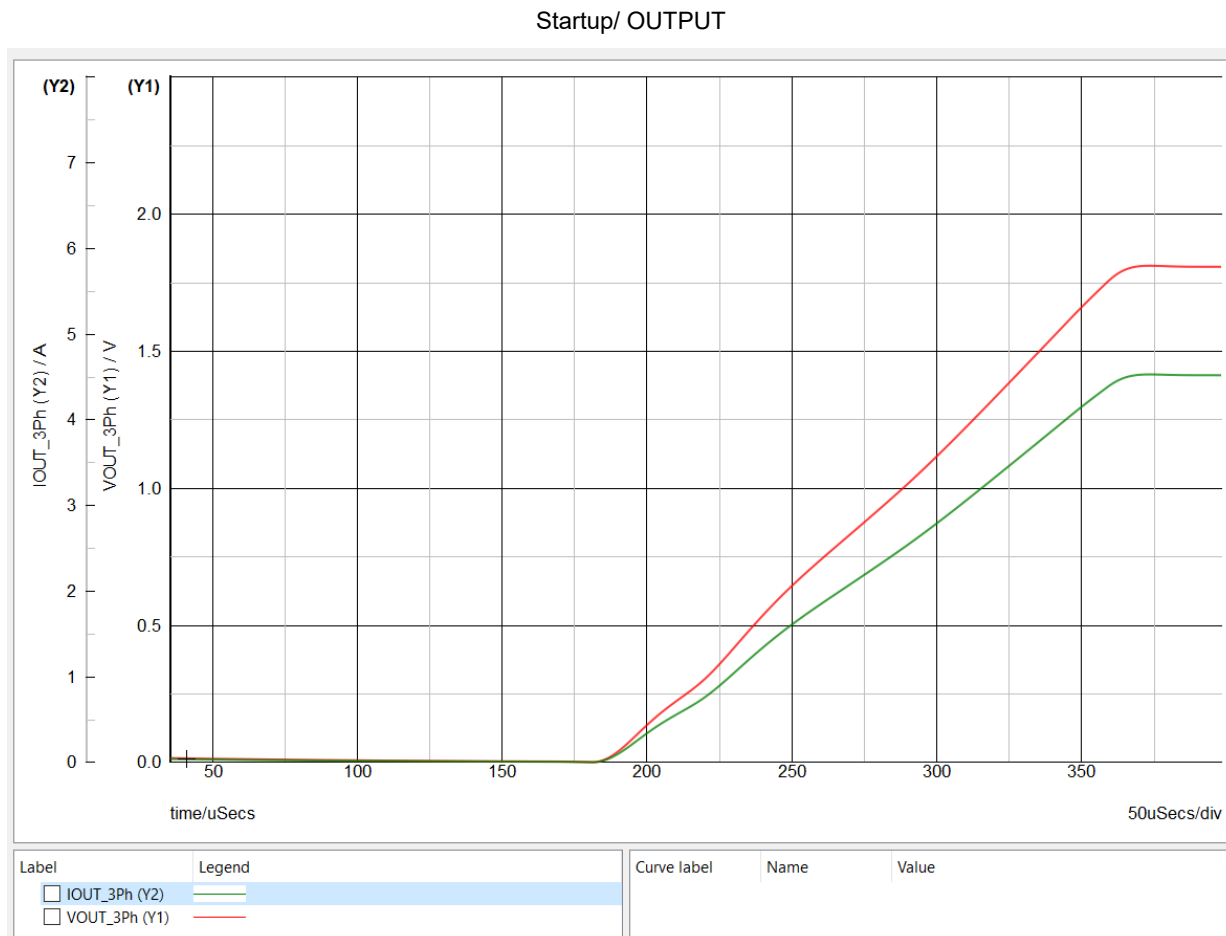
MAX77511: 3-Ph Bode Plot



MAX77511: 3-Ph Load Step Transient Response



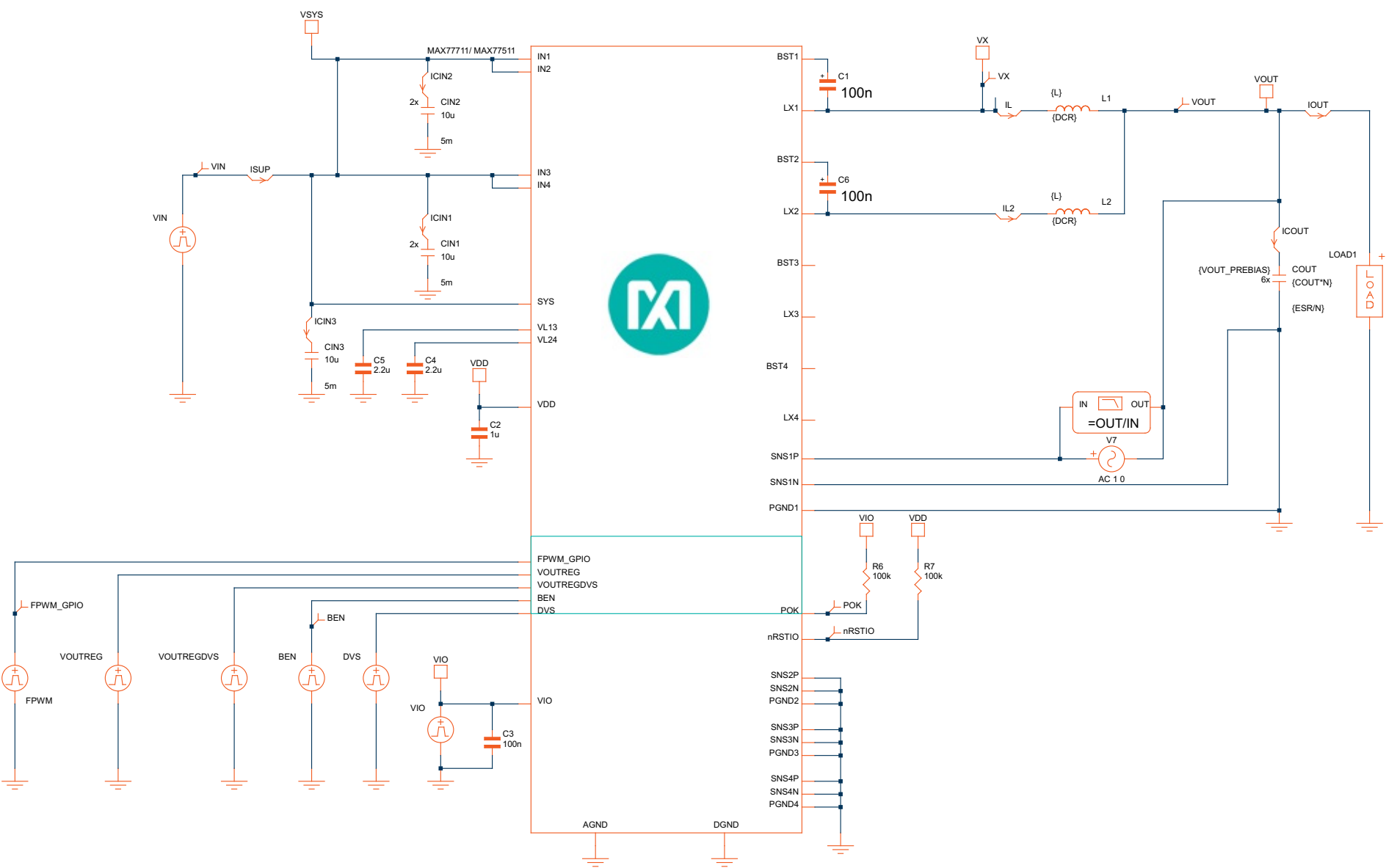
MAX77511: 3-Ph Startup



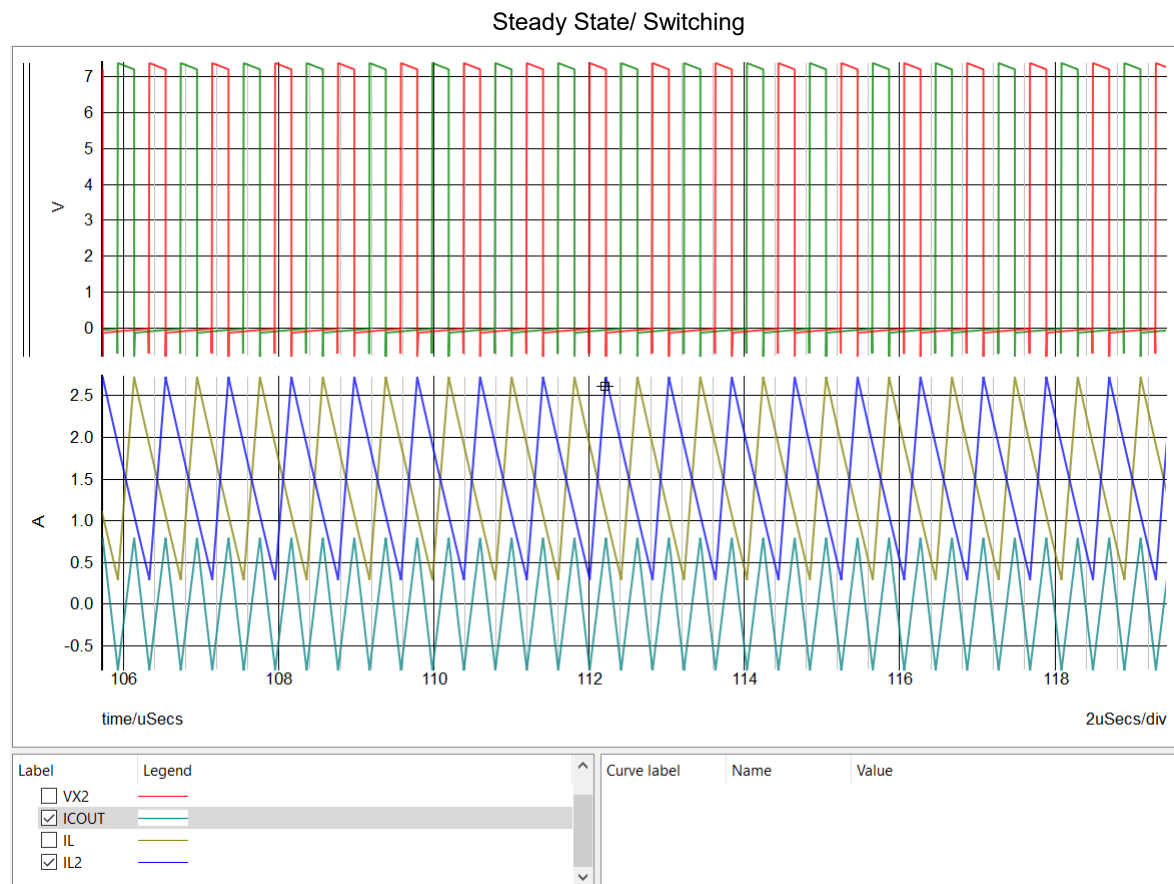
MAX77511: 2-Ph Design Requirements

EE-Sim OASIS Schematic Documentation		Comments:
Part Number:	MAX77511	
Schematic Name:	MAX77511 2PH	
Mode:	PWM	
Default Simulation:	Load Step	
Vin(Min):	2.3V	
Vin(Max):	10V	
Vout:	1.8V	
Iout:	3A	
GUI: Buck Converter Tab		
Number of Phases	2 Phase	
DVS Output Voltage	3.3V	
Buck Mode Control	2	
Active Discharge	1	
Peak Current Limit	4.5	
Falling Slew Rate Enable	0	
Soft Start/Soft Stop Slew Rate	10	
DVS Up Slew Rate	20	
DVS Down Slew Rate	40	
GUI: Factory Options Tab		
Transient Performance Option	0	
Sofstart ILIM Override	0	
Assisted Active Discharge	0	

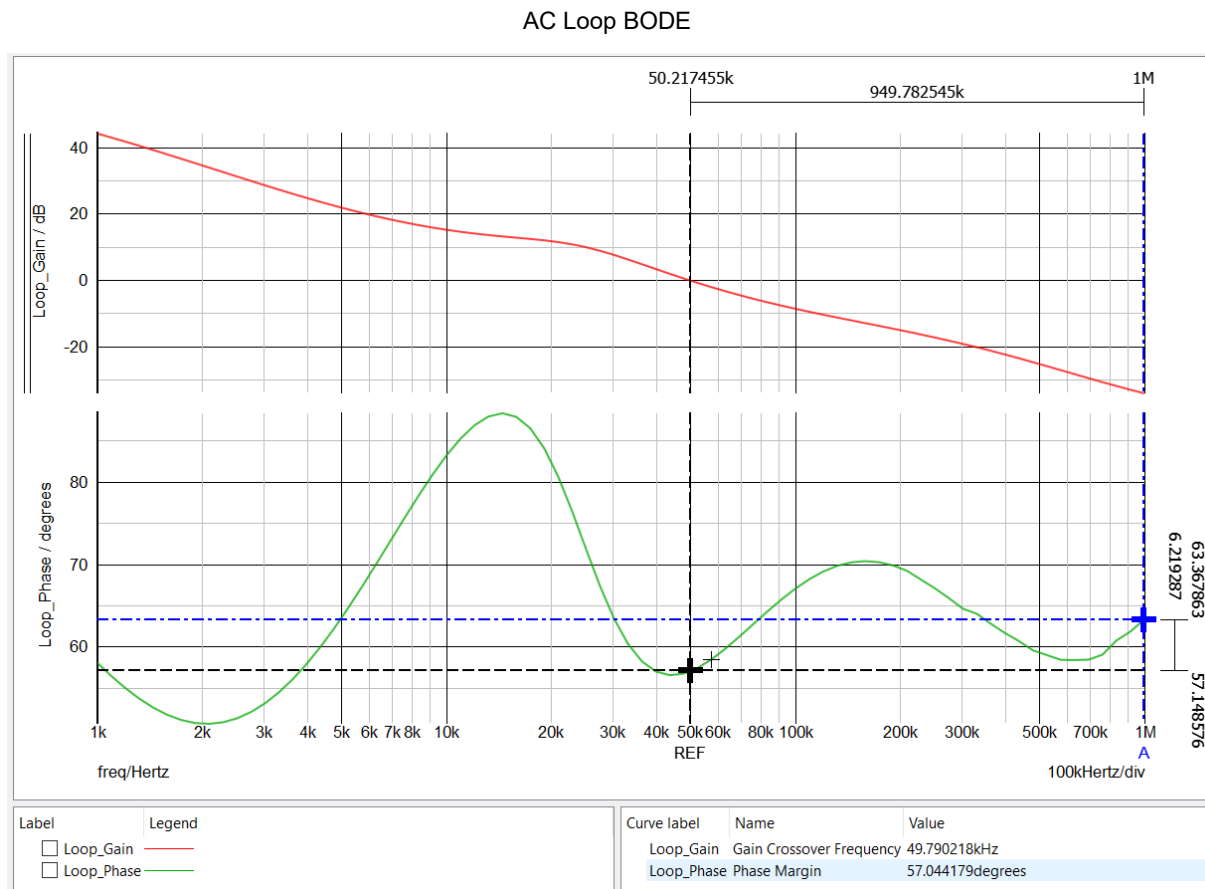
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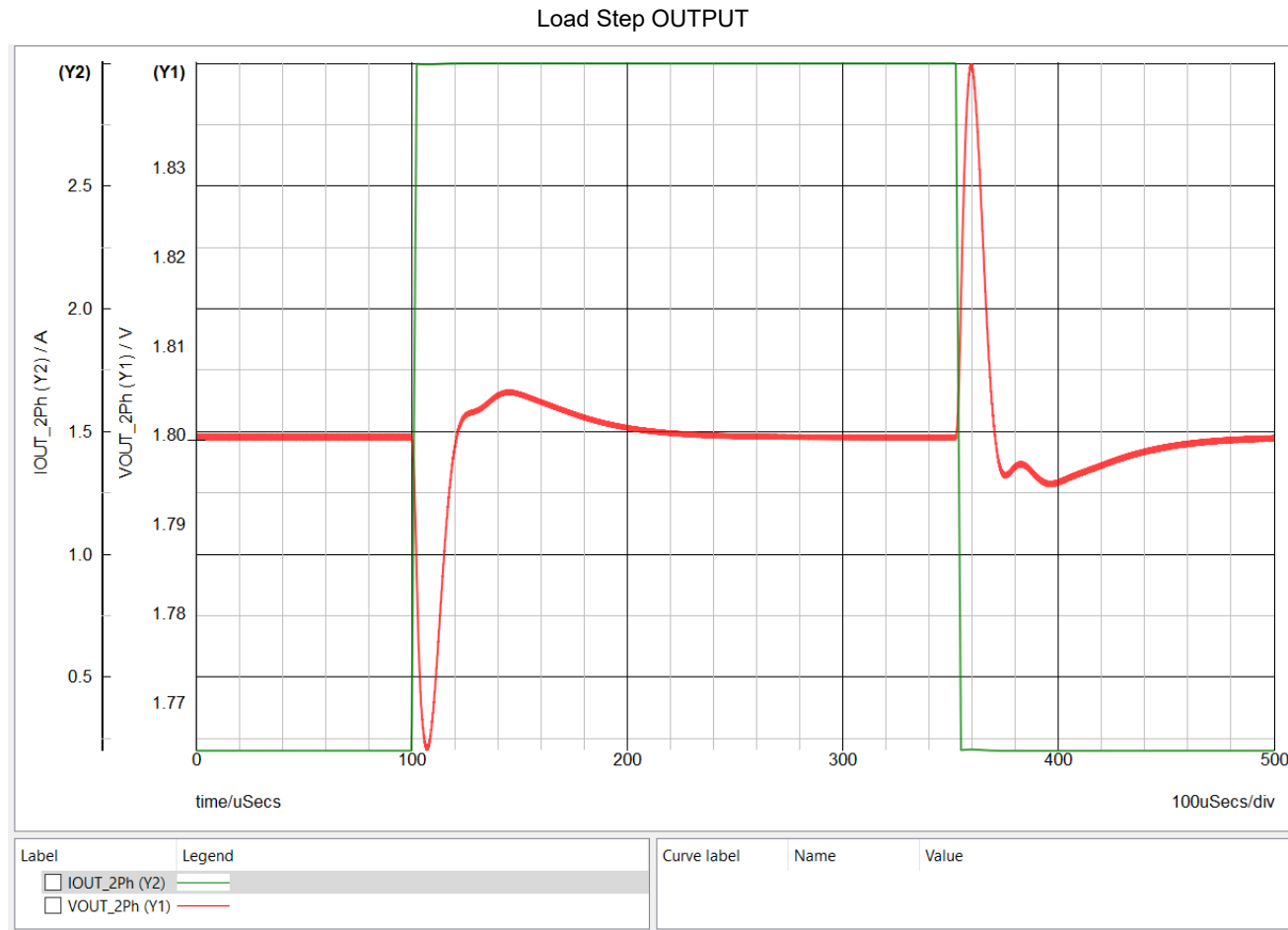
MAX77511: 2-Ph Switching Waveforms



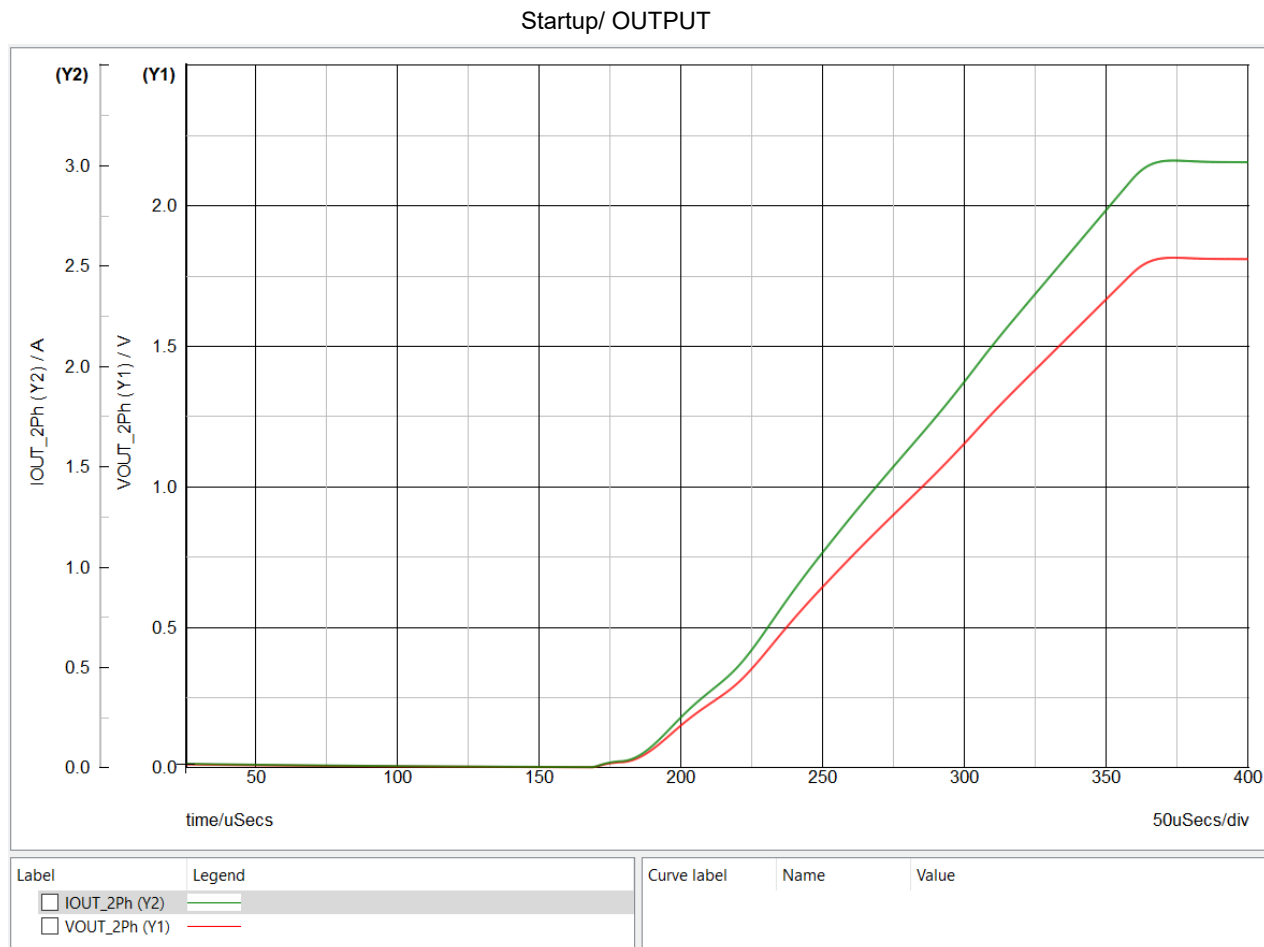
MAX77511: 2-Ph Bode Plot



MAX77511: 2-Ph Load Step Transient Response



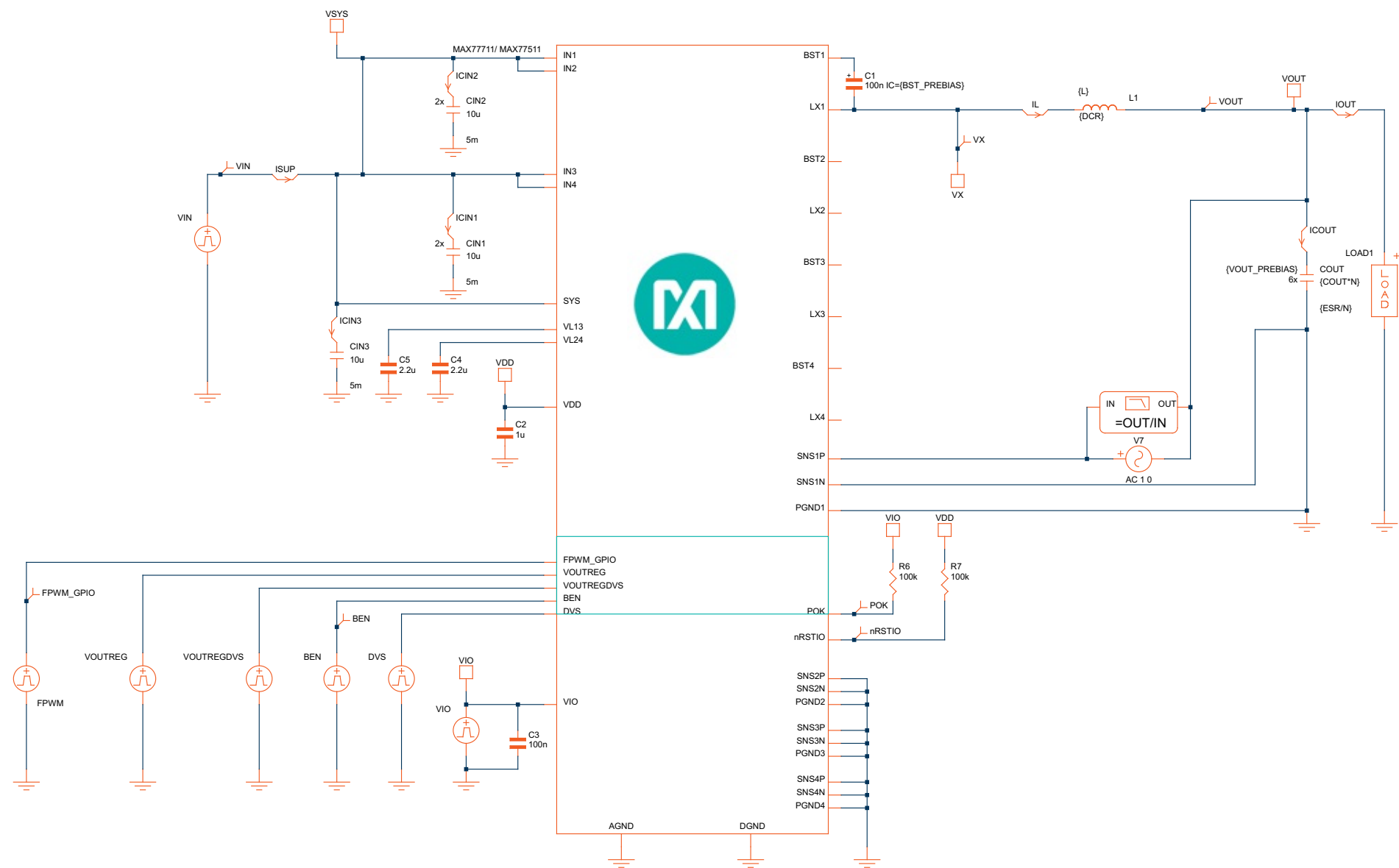
MAX77511: 2-Ph Startup



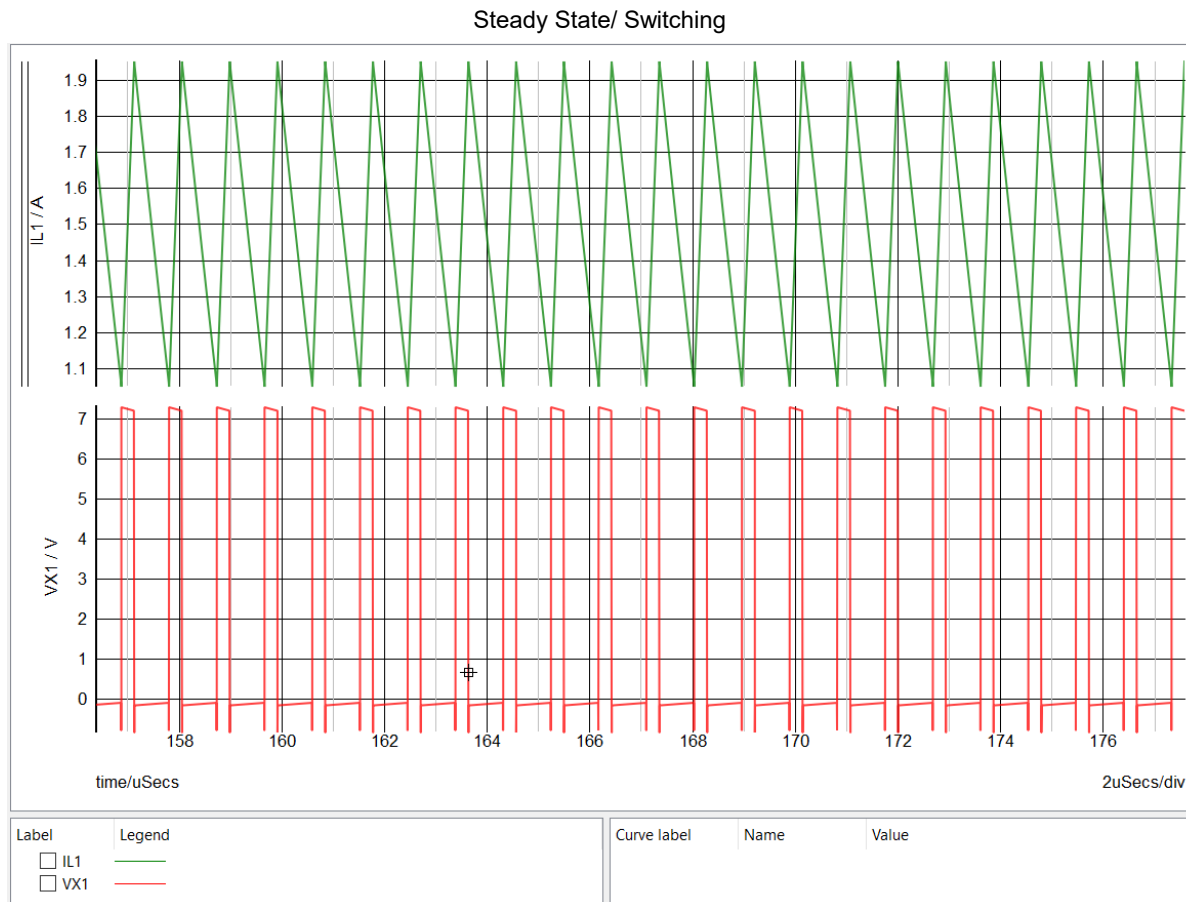
MAX77511: 1-Ph Design Requirements

EE-Sim OASIS Schematic Documentation		Comments:
Part Number:	MAX77511	
Schematic Name:	MAX77511 1PH	
Mode:	PWM	
Default Simulation:	Load Step	
Vin(Min):	2.3V	
Vin(Max):	10V	
Vout:	1.8V	
Iout:	1.5A	
GUI: Buck Converter Tab		
Number of Phases	1 Phase	
DVS Output Voltage	3.3V	
Buck Mode Control	2	
Active Discharge	1	
Peak Current Limit	4.5	
Falling Slew Rate Enable	0	
Soft Start/Soft Stop Slew Rate	10	
DVS Up Slew Rate	20	
DVS Down Slew Rate	40	
GUI: Factory Options Tab		
Transient Performance Option	0	
Sofstart ILIM Override	0	
Assisted Active Discharge	0	

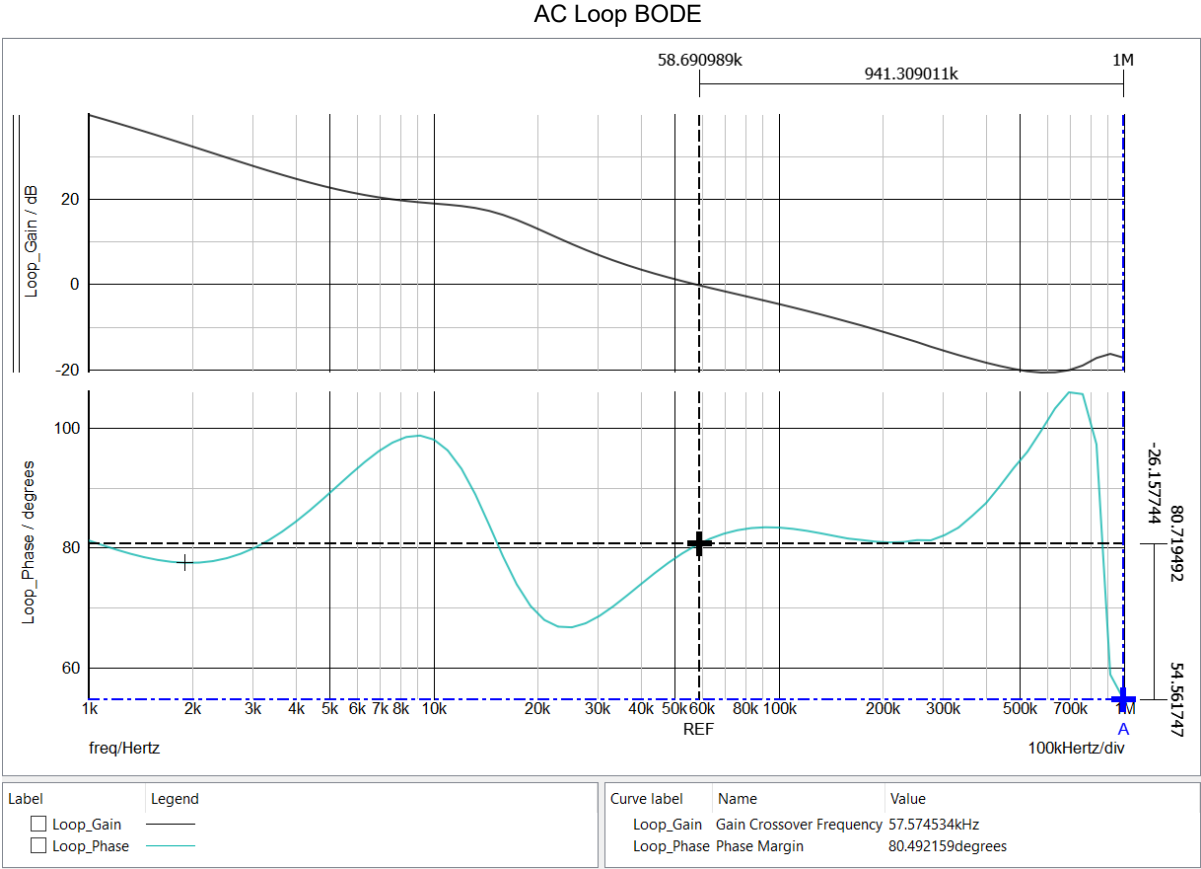
Schematic



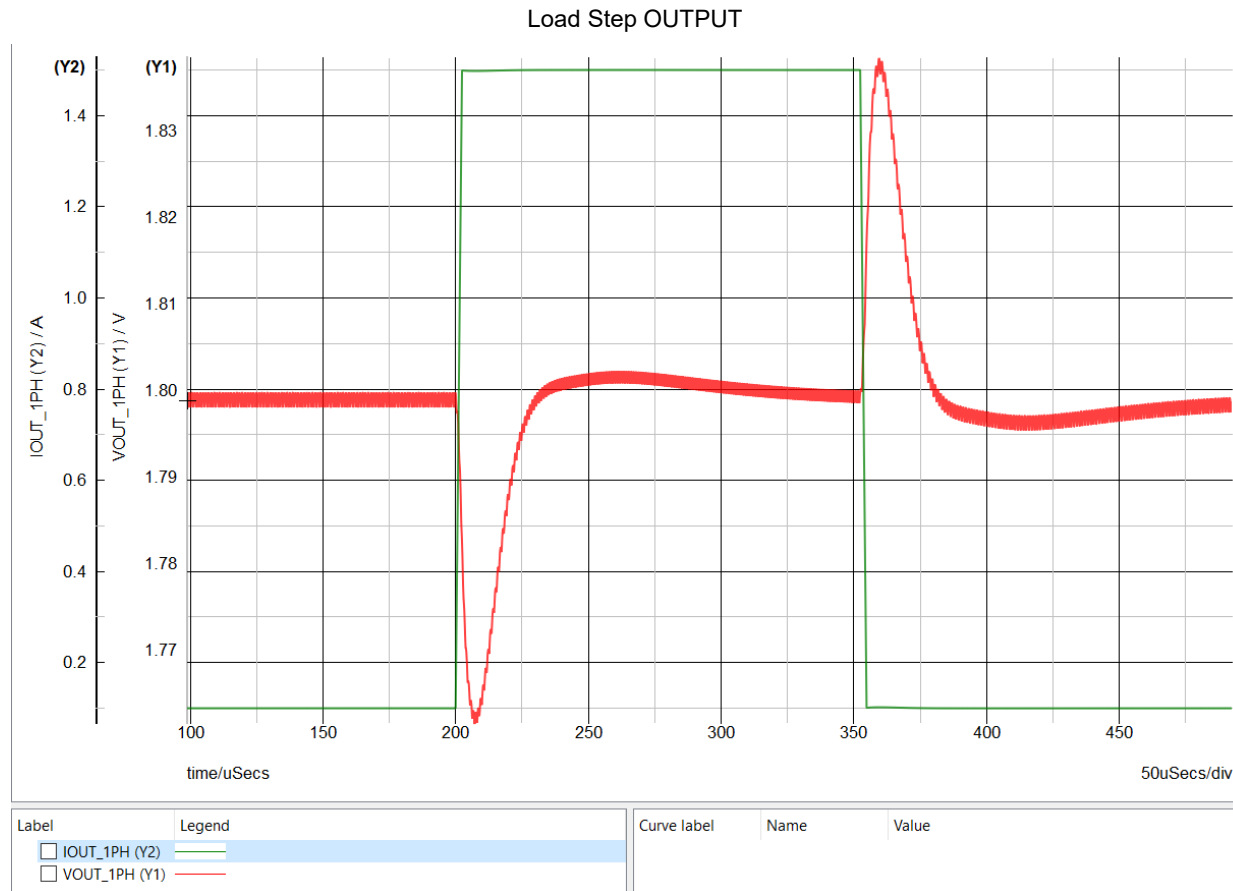
MAX77511: 1-Ph Switching Waveforms



MAX77511: 1-Ph Bode Plot



MAX77511: 1-Ph Load Step Transient Response



MAX77511: 1-Ph Startup

