



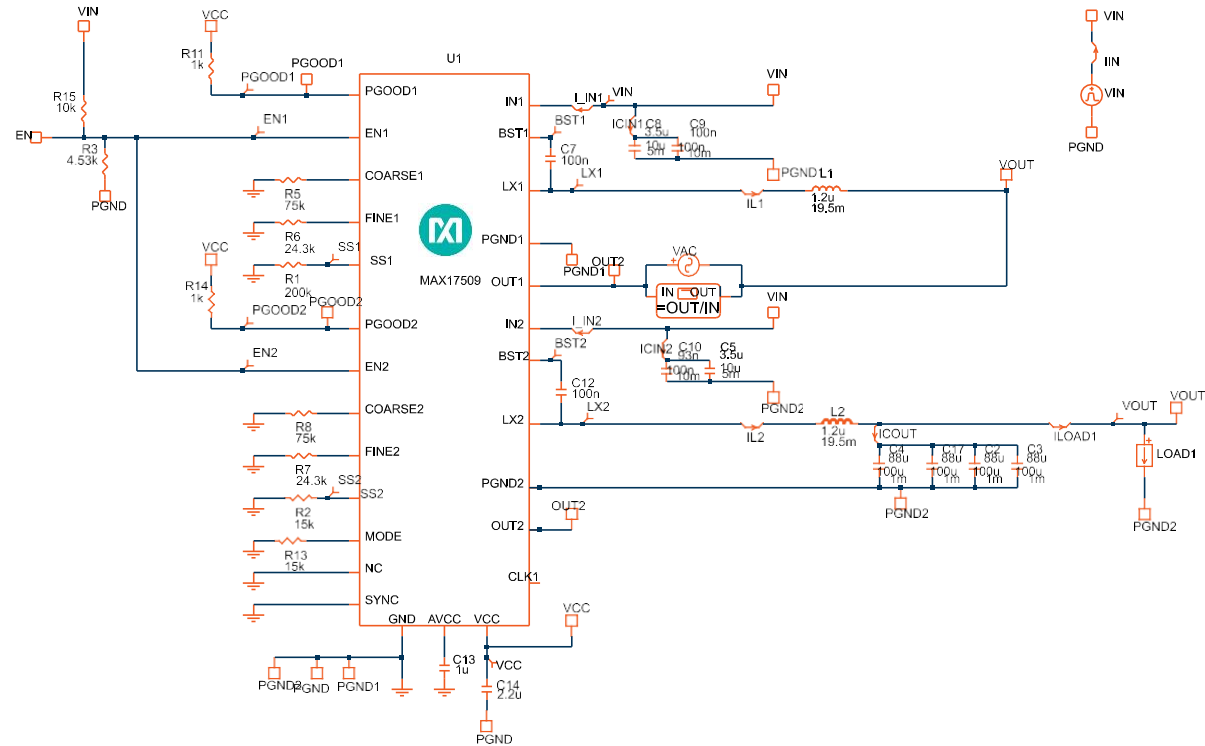
MAXREFDES1016 MAX17509

EE-Sim® OASIS Schematic Documentation

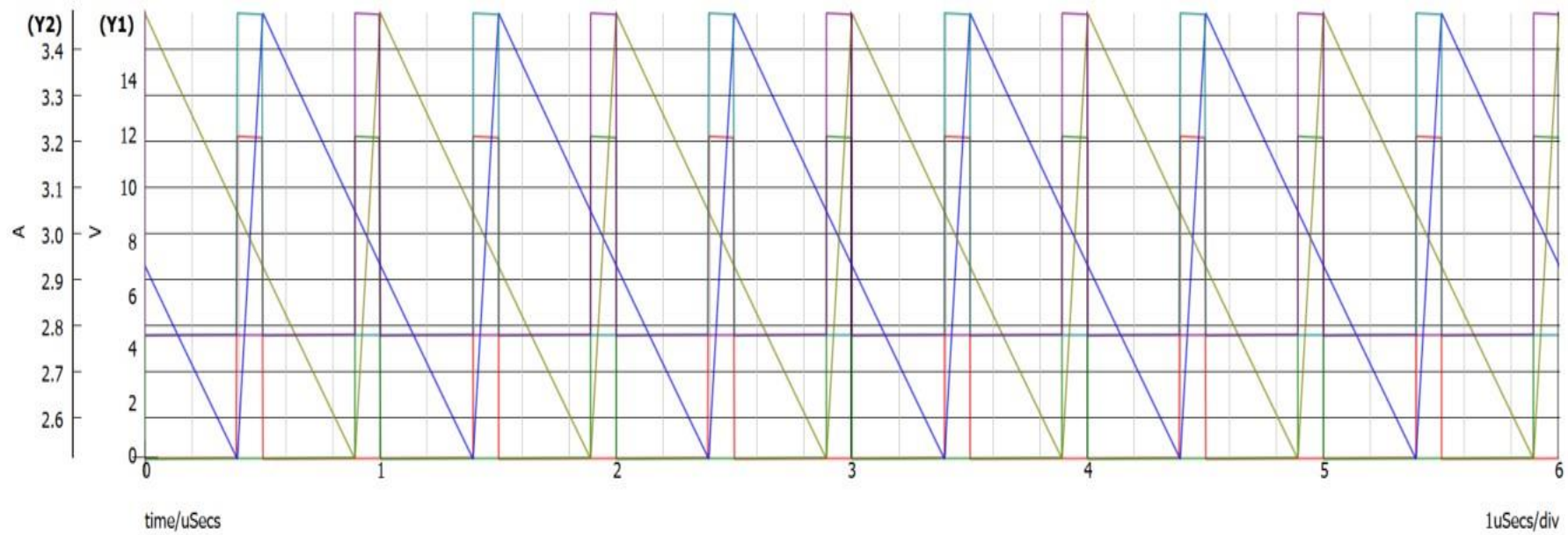
Design Requirements and Configuration

[illegible]

Schematic

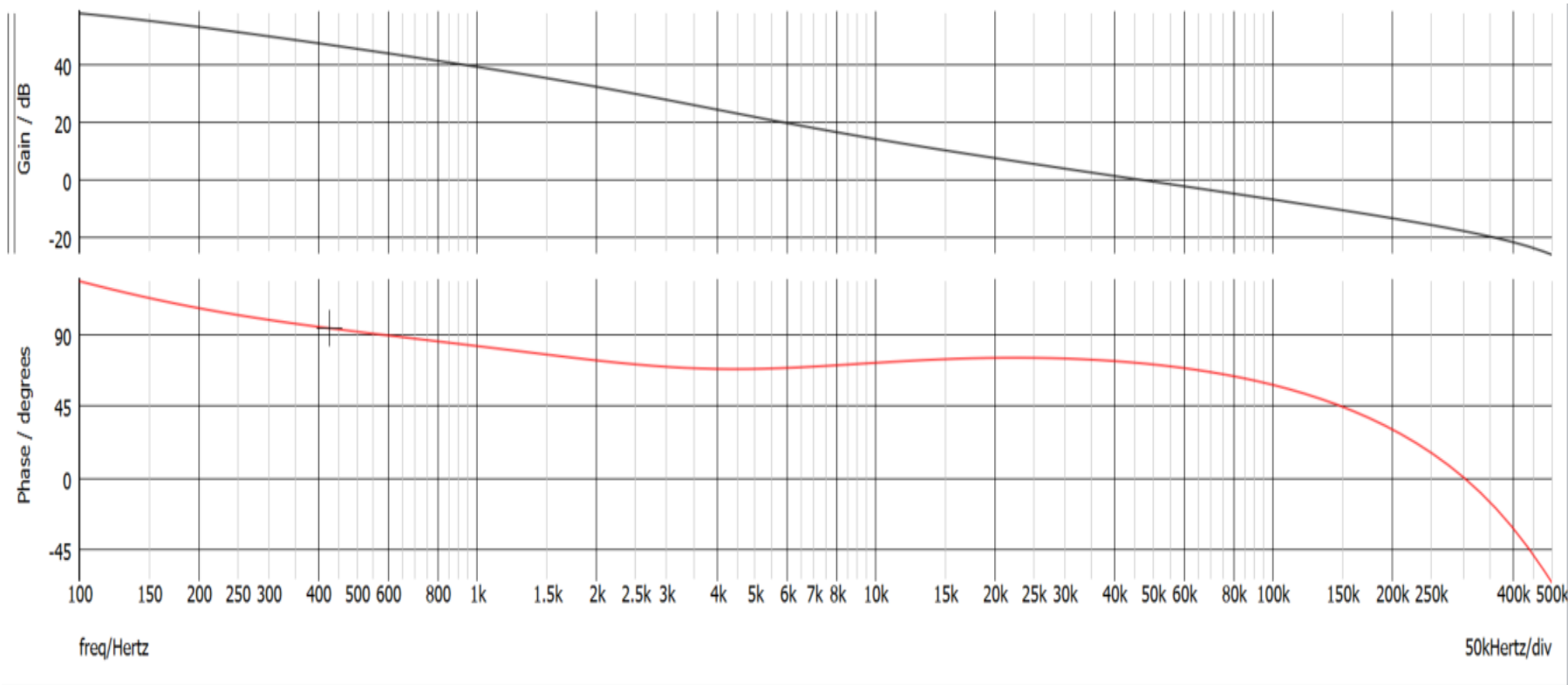


Switching Waveforms



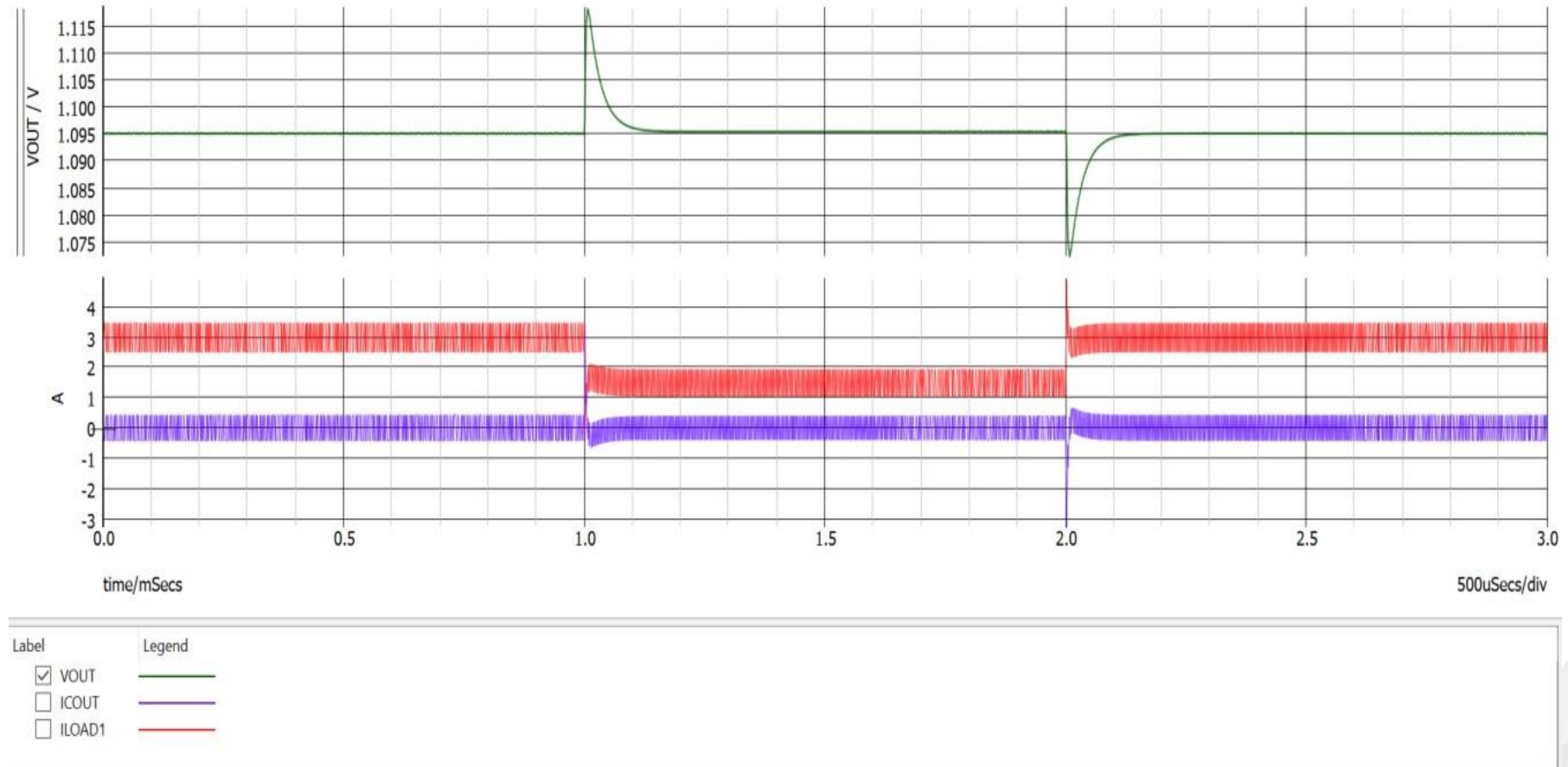
Label	Legend
<input type="checkbox"/> BST1 (Y1)	
<input type="checkbox"/> BST2 (Y1)	
<input type="checkbox"/> IL1 (Y2)	
<input type="checkbox"/> IL2 (Y2)	
<input type="checkbox"/> LX1 (Y1)	
<input type="checkbox"/> LX2 (Y1)	

Bode Plot

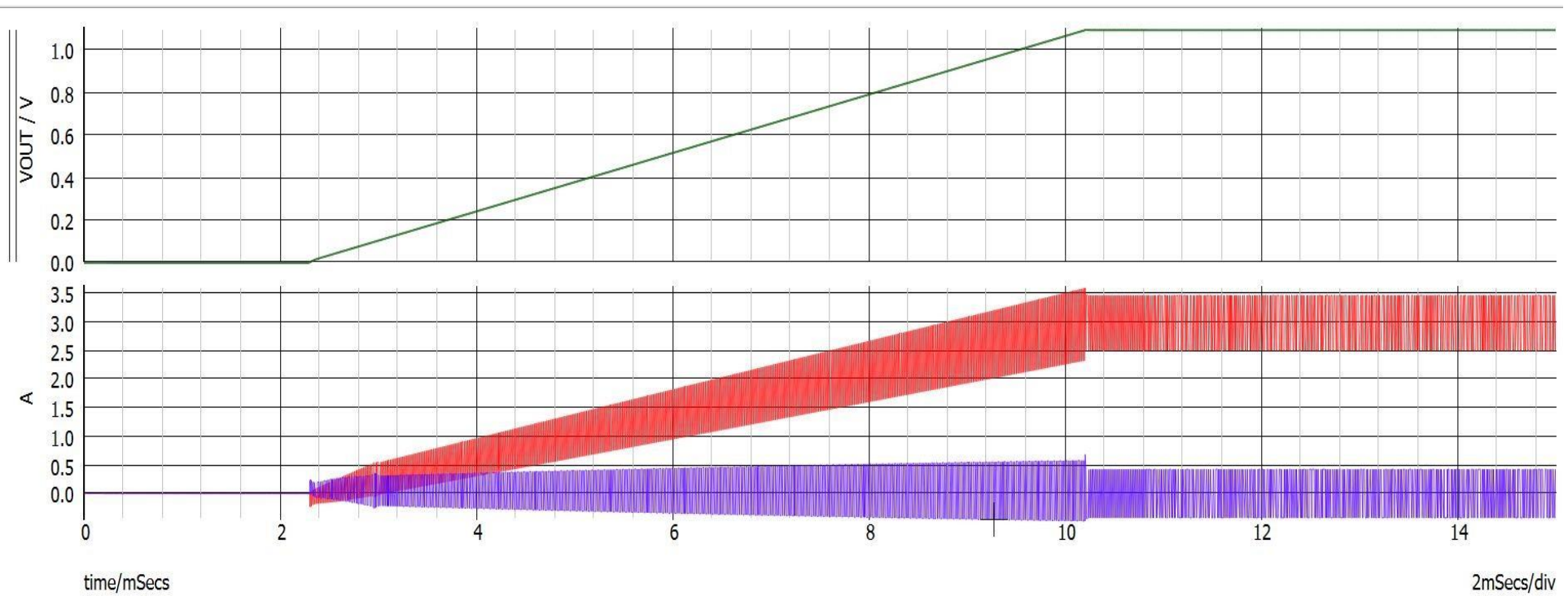


Label	Legend	Curve label	Name	Value
<input type="checkbox"/> Gain	—	Gain	Gain Crossover Frequency	49.113823kHz
<input type="checkbox"/> Phase	—	Phase	Phase Margin	72.153587degrees

Load Step Transient Response



Startup



Label	Legend
<input type="checkbox"/> VOUT	
<input type="checkbox"/> ICOUT	
<input type="checkbox"/> ILOAD1	