

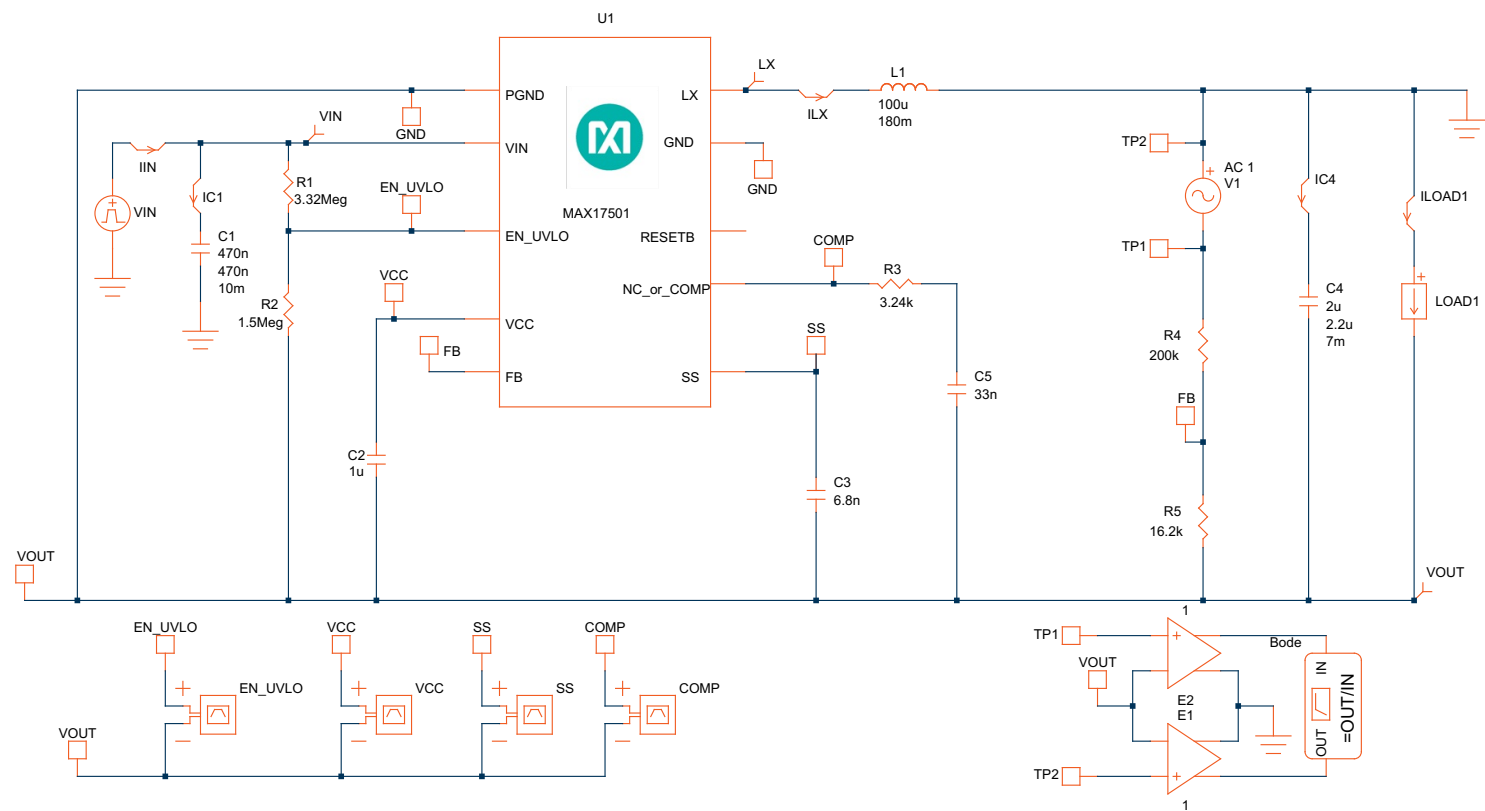
MAXREFDES1180 MAX17501

EE-Sim® OASIS Schematic Documentation

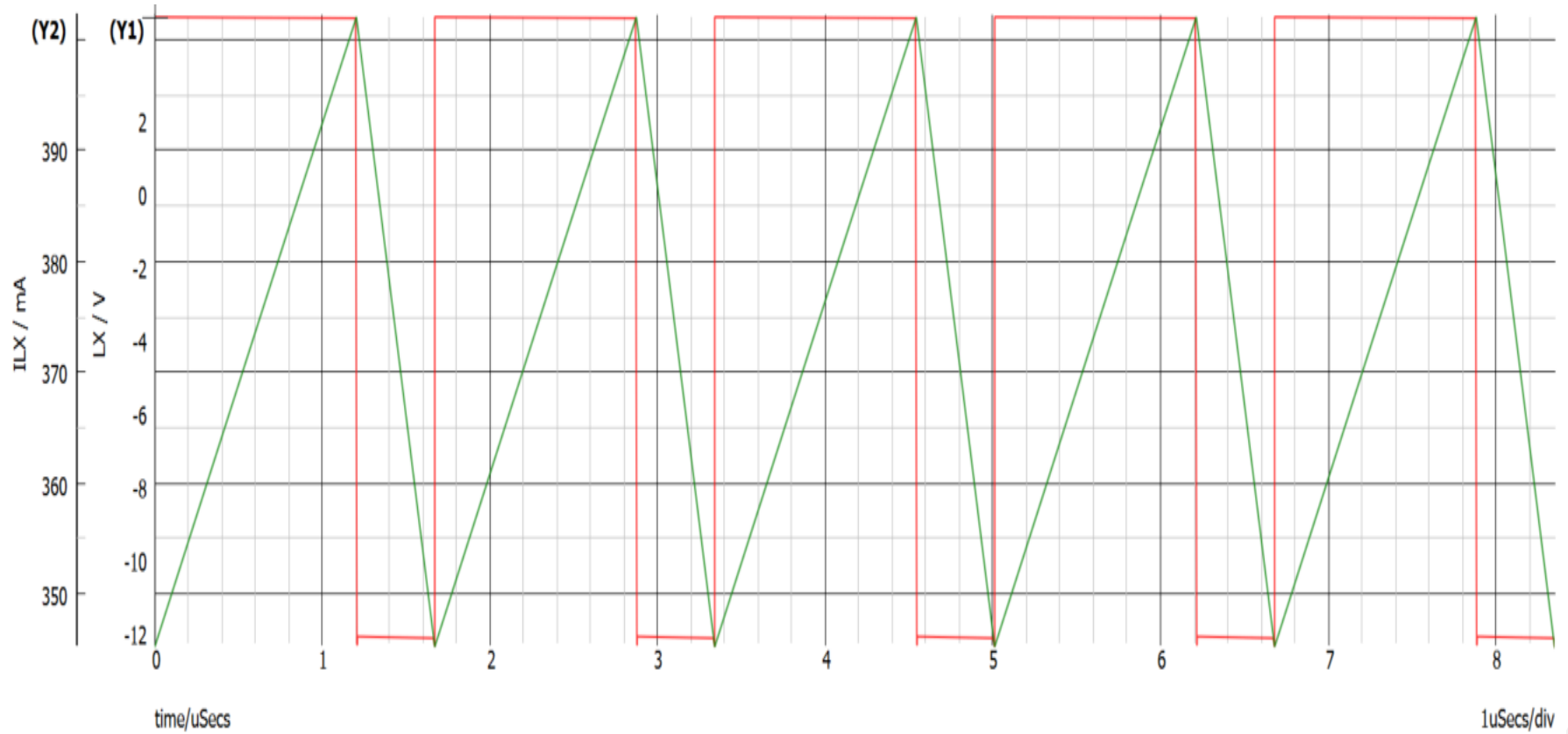
Design Requirements and Configuration

[illegible]

Schematic



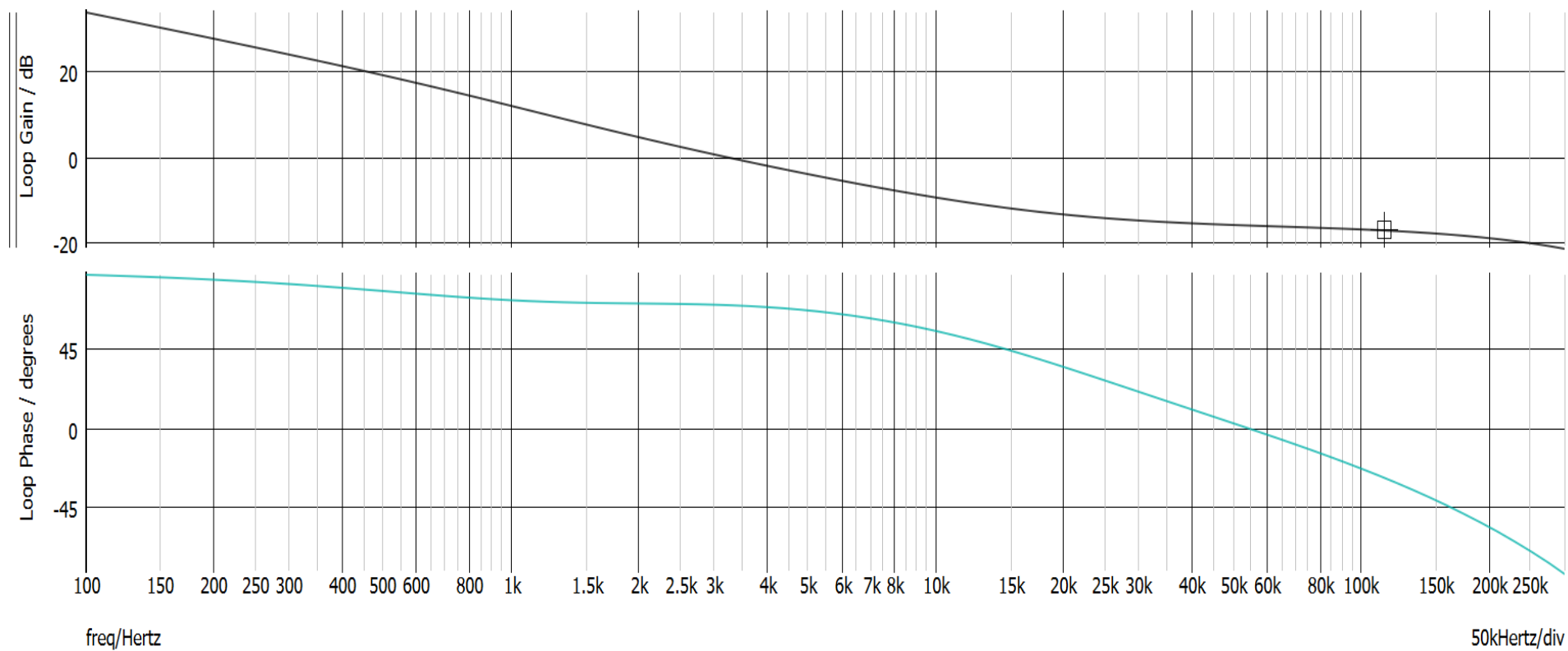
Switching Waveforms



abel

| Legend | |
|-----------------------------------|---|
| <input type="checkbox"/> ILX (Y2) | — |
| <input type="checkbox"/> LX (Y1) | — |

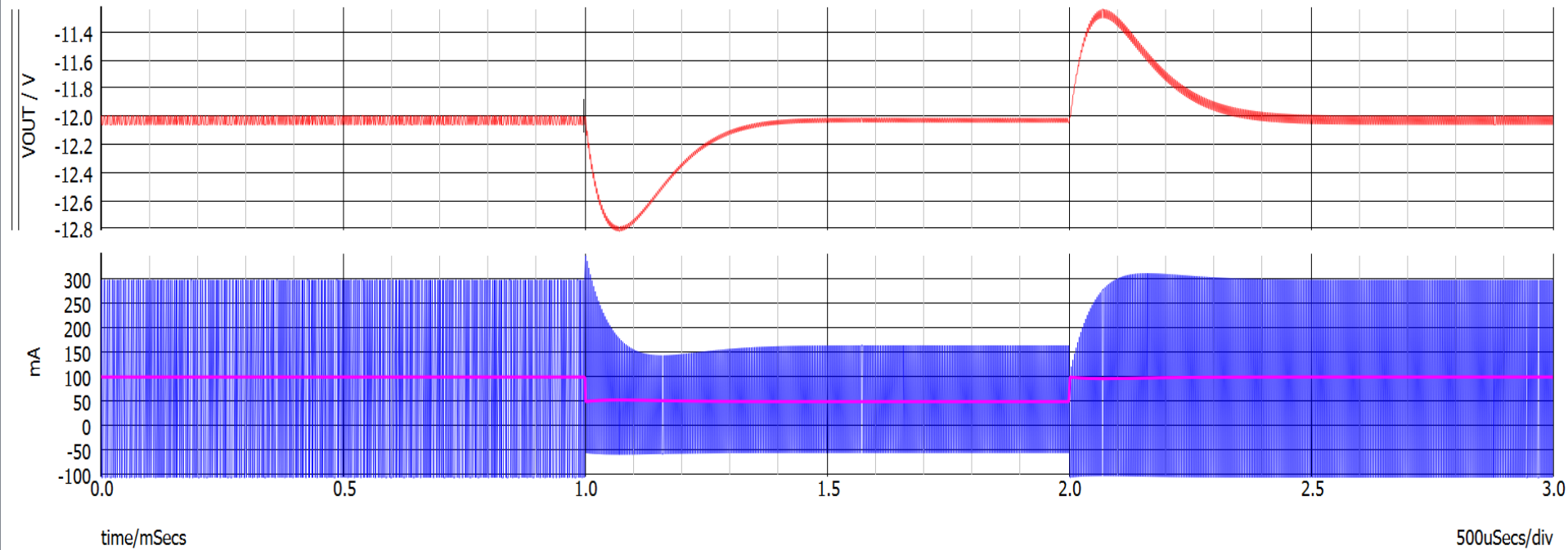
Bode Plot



| Label | Legend |
|-------------------------------------|--------|
| <input type="checkbox"/> Loop Gain | — |
| <input type="checkbox"/> Loop Phase | — |

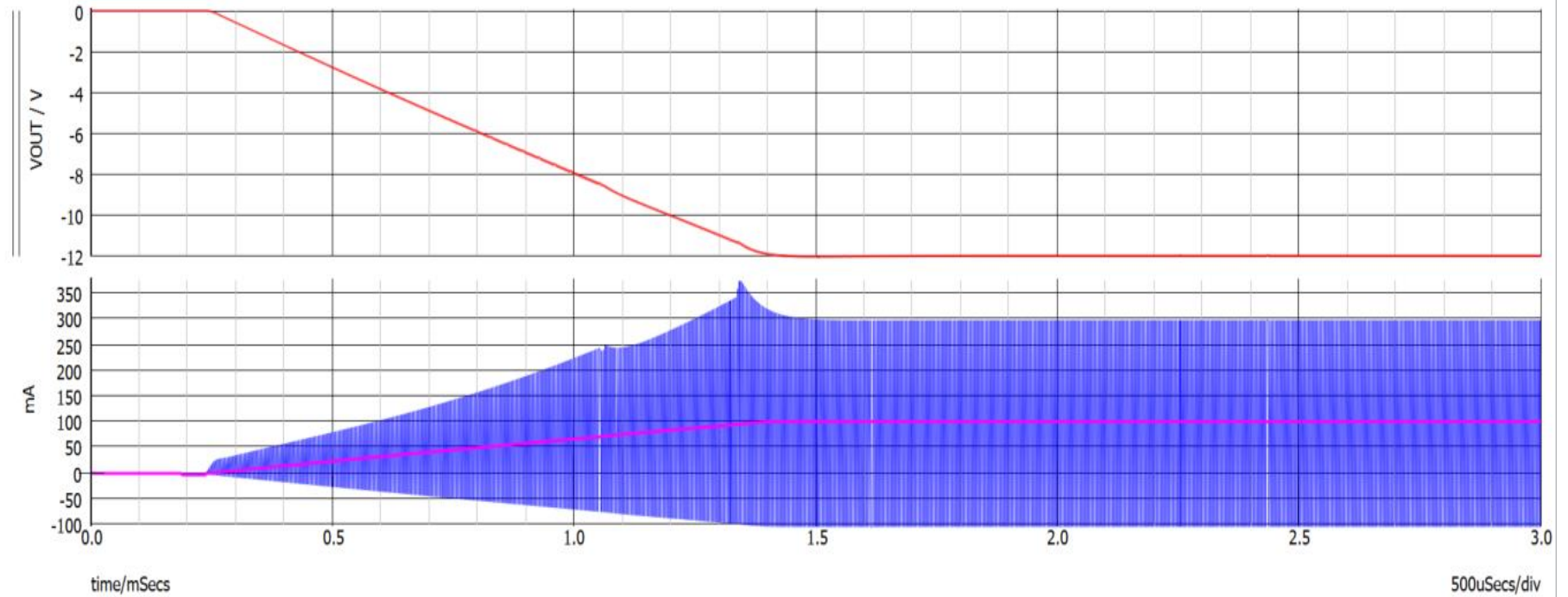
| Curve label | Name | Value |
|-------------|--------------------------|------------------|
| Loop Gain | Gain Crossover Frequency | 3.2893447kHz |
| Loop Phase | Phase Margin | 70.515864degrees |

Load Step Transient Response



| Label | Legend | Curve label | Name | Value |
|--|--------|-------------|------|-------|
| <input checked="" type="checkbox"/> VOUT | | | | |
| <input checked="" type="checkbox"/> IC4 | | | | |
| <input checked="" type="checkbox"/> ILOAD1 | | | | |

Startup



| Label | Legend |
|---------------------------------|--------|
| <input type="checkbox"/> VOUT | |
| <input type="checkbox"/> IC4 | |
| <input type="checkbox"/> ILOAD1 | |