



## SMALL SIGNAL SIMULATION FOR THE NCV898031SEPGEVB DEMO BOARD

Duty\_Ratio, CTRL, VFB are NCV898031 internal nodes for feedback loop analysis. This is a lossy small-signal model adapted from Chris Basso's published PWMCM\_LX lossy PWM switch model. DIO introduces losses from the boost diode. MOSFET rDS(on) and current sense resistor (Rsense) losses are included.

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NCV898031 SEPIC EVALUATION BOARD (NCV898031SEPGEVB)		
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