



BOOST CONVERTER SMALL SIGNAL SIMULATION EXAMPLE FOR THE NCV887103

Duty_Ratio, CTRL, VFB are NCV8871 internal nodes for feedback loop analysis. This is a lossy small-signal model adapted from Chris Basso's published PWMCM_L lossy PWM switch model. DIO introduces losses from the boost diode. MOSFET rDS(on) and current sense resistor (Rsense) losses are included.

Title		
Web Model Implementation Example of NCV887103 as a Boost Converter		
Size A	Document Number <Doc>	Rev <Rev>
Date:	Thursday, August 28, 2014	Sheet 1 of 1