

* Model Usage Notes:

* A. Features have been modelled

- * 1. Output Voltage Setting
- * 2. Force PWM mode
- * 3. Input undervoltage lockout
- * 4. Enable function
- * 5. Positive Overcurrent Protection(OCP)
- * 6. Low-side FET Negative Current Limit
- * 7. On time extension

* B. Features have not been modelled

- * 1. Operating Quiescent Current
- * 2. Shutdown Current
- * 3. Temperature dependent characteristics
- * 4. Ground Pins have been tied to 0V internally and hence model does not support Inverting topologies.
- * 5. Under voltage protection
- * 6. Over voltage protection

* C. Application Notes

* <Describe all the parameters with its possible values that would be accessible to customer. Also add specific notes, if any>

- * 1. The parameter STEADY_STATE has been used to reach the steady state faster.
- * Keep STEADY_STATE = 0 to observe startup behaviour.
- * Keep STEADY_STATE = 1 and appropriate IC on Inductor and capacitor to observe for faster Steady state.
- * 2. To run the POP/AC analysis, you must run complete Startup Transient simulation and then run the AC analysis.
- * Also you must choose "Use snapshot from previous transient analysis" in POP Advanced options.
