

* Model Usage Notes:

* A. Features have been modelled

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- * 1. Output Voltage Setting
- * 2. EN on/off
- * 3. Negative over current threshold
- * 4. Overcurrent Protection(OCP)
- * 5. 16 cycles of consecutive negative OCL results to device operating in PSM
- * 6. Vin UVLO Protection

* B. Features have not been modelled

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- * 1. Operating Quiescent Current
- * 2. Shutdown Current
- * 3. Temperature dependent characteristics
- * 4. Large Duty cycle operation

* C. Application Notes

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- * 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. When running with parameter STEADY_STATE=1, use an initial condition of atleast 2V on the soft start capacitor
to ensure SS_END signal triggers internally.
- * 3. Ground Pins have been tied to 0V internally and hence model does not support Inverting topologies.
