```
*******************************************************************************
*
* Model Usage Notes:
* A. Features have been modelled
*
*    1.  Output Voltage Setting
*    2.  External Adjustable Soft-start
*    3.  Negative over current threshold
*    4.  Overcurrent Protection(OCP) along with Hiccup
*    5.  32 cycles of consecutive negative OCL results to device operating in PSM
*    6.  Over Voltage Protection(OVP)
*    7.  Under Voltage Protection(UVP)
*    8.  Output voltage discharge
*    9.  BOOT functionality
*    10. Vin UVLO Protection
*
* B. Features have not been modelled
*
*    1. Operating Quiescent Current
*    2. Shutdown Current
*    3. Temperature dependent characteristics
*    4. Large Duty cycle operation
*
* C. Application Notes
*
*    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.
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```