```
****************************************************************************
*
* Model Usage Notes:
* A. Features have been modelled
*    1. Hiccup mode is modelled with the hiccup reset time of 1ms(actual is 135ms ,this was done to reduce simulation time)
*    2. Auto mode of operation at light loads.
*    3. Output Voltage Setting
*    4. Current Sense and Positive Overcurrent Protection(OCP)
*    5. Prebias and bootstrap is modelled.
*
* B. Features hamve not been modelled
*    1. Operating Quiescent Current
*    2. Shutdown Current
*    3. Temperature dependent characteristics
*    4. Inverting Buck Boost topology is not validated
*
* C. Application Notes
*    1. The parameter MODE has been used to reach the steady state faster.
*       Keep MODE = 0 to observe startup behaviour.
*       Keep MODE = 1 and appropriate IC on Inductor and capacitor to observe for faster Steady state.
*    2. The model is tested for corner conditions.
*
****************************************************************************
```