```
****************************************************************************
*
* 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. FPWM mode of operation.
*   3. Output Voltage Setting
*   4. Current Sense and Positive Overcurrent Protection(OCP)
*   5. Pre bias and bootstrap is modelled.
*
* B. Features have 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 start-up behaviour.
*      Keep MODE = 1 and appropriate IC on Inductor and capacitor to observe for faster Steady state.
*   2. Model is tested for corner conditions.
****************************************************************************
```