```
****************************************************************************
*
* Model Usage Notes:
*
* A. Features have been modelled
*   1.  Fixed Output Voltage (5V)
*   2.  Internal Fixed Soft-Start
*   3.  Hiccup and Recovery
*   4.  Fixed Frequency and Operation Mode Selection
*   5.  Low-side FET Zero-Crossing
*   6.  Current Sense and Positive Overcurrent Protection(OCP)
*   7.  Low-side FET Negative Current Limit
*   8.  Power Good
*   9.  Over Voltage Protection(OVP)
*   10. Under Voltage Protection(UVP)
*   11. Lower Side MOSFET Maximum Current Limit
*   12. UVLO Protection
*   13. BOOT functionality
*
* B. Features have not been modelled
*   1. Operating Quiescent Current
*   2. Shutdown Current
*   3. Temperature dependent characteristics
*
* 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.
*
****************************************************************************
```