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*
* Model Usage Notes:
*
* A. The following features have been modeled
*    1.  Output Voltage Setting
*    2.  Internal Fixed Soft-Start
*    3.  RT Frequency Selection
*    4.  Current Sense and Positive Overcurrent Protection(OCP)
*    5.  Low-side FET Negative Current Limit
*    6.  Power Good
*    7.  Over Voltage Protection(OVP)
*    8.  Under Voltage Protection(UVP)
*    9.  FCCM Operation
*    10. Output Voltage Discharge
*    11. UVLO Protection
*    12. 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.
*    2. Ground Pins have been tied to 0V internally and hence model does not support Inverting
*       topologies.
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