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*
* Model Usage Notes:
*
* A. Features have been modelled
*     1.  Output Voltage Setting
*     2.  Internal Fixed Soft-Start and External Adjustable Soft-start
*     3.  External REFIN for Output Voltage Tracking
*     4.  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. Out-Of-Bounds(OOB) Operation
*     12. Output Voltage Discharge
*     13. UVLO Protection
*     14. BOOT functionality
*     15. Remote Sense
*
*
* B. Features have not been modelled
*     1. Operating Quiescent Current
*     2. Shutdown Current
*     3. Temperature dependent characteristic
*     4. Ground Pins have been tied to 0V internally and hence model does
*        not support Inverting topologies.
*
*
* C. Application Notes
*     1. Parameter STEADY_STATE is used for simulating the model either
*        in Start up (STEADY_STATE=0) or in Steady State(STEADY_STATE=1).
*     2. Please do not provide external reference signal at SS/REFIN when
*        using parameter STEADY_STATE=1. This may lead to false SS/REFIN
*        detection.
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