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\* Model Usage Notes:

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\* A. Features have been modelled

- \* 1. Output Voltage Setting
- \* 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

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\* B. Features have not been modelled

- \* 1. Operating Quiescent Current
- \* 2. Shutdown Current
- \* 3. Temperature dependent characteristics

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\* 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. The parameter IOUT has been used to select the desired value of load current to be shown during steady state.
  - \* Default value of IOUT=6 for getting 6A as the load current during steady state.

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