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\* Model Usage Notes:

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\* A. Features have been modelled

\* 1. Fixed Output Voltage (3.3V)

\* 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.

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