

## LMR50410Y-Q1 PSPICE Average Model Features and Limitations

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* Model Usage Notes:
* A. Features have been modelled
*   1. Hiccup mode is modelled with the hiccup reset time of 1ms
*   2. PFM mode is modeled.
*   3. Output Voltage Setting
*   4. Current Sense and Positive Overcurrent Protection(OCP)
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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 MODE has been used to reach the steady state faster.
*       Keep MODE = 0 to observe startup behaviour.
*       Keep MODE = 1 and appropriate IC on Inductor and capacitor to observe for faster Steady state.
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