

## LMR16006Y PSPICE Average Model Features and Limitations

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* Model Usage Notes:
* A. Features modelled
*   1. Average loop implementaion of peak current mode control.
*   2. Only Vin,SW and FB pins are modelled.
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* B. Features not modelled
*   1. Device does not support PFM cases.
*   2. Temperature dependent characteristics.
*   3. Operating Quiescent Current.
*   4. Shutdown Current.
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* C. Application Notes
*   1. Following parameter is added in the model
*      a. The parameter "L" is used to pass the inductor value in the model.
*      b. The parameter "FSW" is used to pass the switching frequency value in the model.
*   2. Ground Pins have been tied to OV internally and hence model does not support Inverting
*      topologies.
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