

LM53602 3P3 PSPICE Transient Model Features and Limitations

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* Model Usage Notes:
* A. Features modelled
*   1. RESET_N output
*   2. Mode Selection - FPWM/Auto mode
*   3. Soft Start
*   4. Current Limit
*   5. External Frequency Synchronization
*   6. UVLO
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* B. Features not modelled
*   1. Temperature dependent characteristics.
*   2. Operating Quiescent Current.
*   3. Shutdown Current.
*   4. Ground Pins have been tied to OV internally and hence model does not support Inverting
*       topologies.
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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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