TPS628502-Q1 PSPICE Transient Model Features and Limitations

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* Model Usage Notes:
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* A. Features have been modelled
*    1. Frequency foldback during soft-start
*    2. Fold-Back overcurrent protection
*    3. PGOOD functionality
*    4. MODE Pin functionality for FPWM
*    5. Sync functionality
*    6. Different COMP Settings functionality
*    7. Min On Time
*    8. UVLO functionality
*    9. Frequency selection functionality
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* B. Features have not been modelled
*    1. Operating Quiescent Current
*    2. Shutdown Current
*    3. Temperature dependent characteristics
*    4. Spread Spectrum clocking functionality is not modeled.
*    5. Current through Pins EN,MODE_SYNC,COMP_FSET,FB are not modelled.
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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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