LM25183-Q1 PSPICE Model Features and Limitations

Model Usage Notes:

A. Features have been modelled
1. Dual output
2. Internal Fixed Soft-Start and External Adjustable Soft-start
3. Enable ON & OFF
4. Current limit

B. Features have not been modelled
1. Operating Current, Shutdown Current and Temperature dependent characteristics are not modelled.
2. BIAS feature is not modelled.
3. Hiccup feature is modelled but not validated.

C. Application Notes
1. The parameter SS has been used to reach the steady state faster.
   Keep SS = 0 to observe start up behaviour. Keep SS = 1 and appropriate IC on Inductor and capacitor to observe for faster Steady state.