

**Model Usage Notes:****A. Features have been modelled**

1. Switching Characteristics and variation with VIN
2. Valley current and Negative current limit
3. FCCM Mode
4. Hiccup operation
5. under voltage protection
6. Output voltage programmability.
7. Inverting buck boost Configuration

**B. Features have not been modelled**

1. Operating Quiescent Current
2. Shutdown Current
3. Temperature dependent characteristics

**C. Application Notes**

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