

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

1. Min Ton and Min Toff
2. Current Limit
3. Internal fixed Soft Start Time
4. Enable functionality
5. Under Voltage Protection
6. Over Voltage Protection
7. VIN UVLO and EN UVLO
8. Power Good and It's UV thresholds depends on STRICT bit

**B. Features have not been modelled**

1. Operating Quiescent Current
2. Shutdown Current
3. Temperature dependent characteristics
4. Ground Pins have been tied to 0V internally and hence model does not support Inverting topologies.

**C. Application Notes**

1. To observe startup behaviour select SS parameter to 0  
To observe steady state behaviour select SS parameter to 1
2. Parameter STRICT refers to STRICT bit (1 bit) of CONFIG1 register.
3. Parameter DCDC3\_VOUT sets output voltage.