

# LMR38025F-Q1 PSPICE Transient Model Features and Limitations

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* Model Usage Notes:
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* 1. The following features have been modeled
*   a.Startup
*   b.Adjustable Output Voltage
*   c.Enable
*   d.Switching Frequency(RT)
*   e.Power-Good Flag Output
*   f.Minimum ON-Time, Minimum OFF-Time and Frequency Foldback
*   g.Bootstrap Voltage
*   h.Over Current and Short Circuit Protection
*   i.Soft Start
*   j.Device Functional Modes(FPWM FIXED DEVICE)
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* 2. Features haven't been modelled
*   a. Thermal Shutdown
*   b. Steady state
*   c. Sync
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* 3. Ground Pins have been tied to 0V internally and hence model does not support Inverting topologies.
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