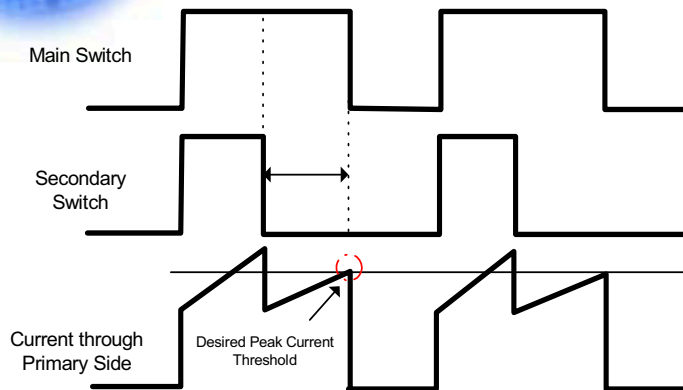
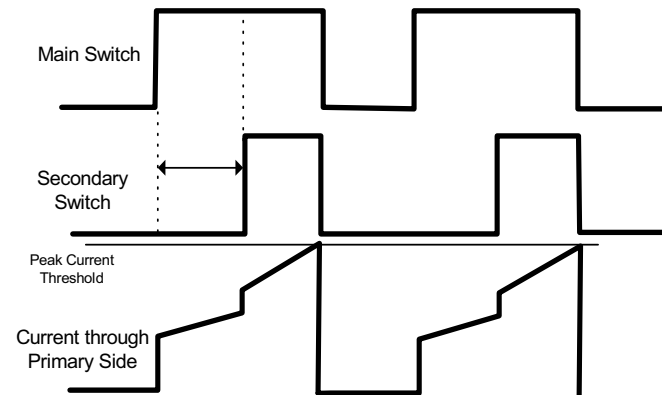




Trailing Edge vs Leading Edge Modulation



Trailing Edge Modulation



Leading Edge Modulation

- In order for peak current mode control to be stable the current running through the primary must be monotonic.
- Trailing edge modulation cannot be used with peak current mode control since the peak primary current occurs before the main switch is turned off causing instability.
- Leading Edge modulation is required for the secondary switch in order for peak current mode control to be used in the main regulation loop.