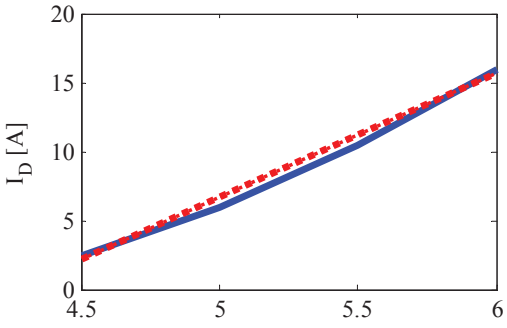
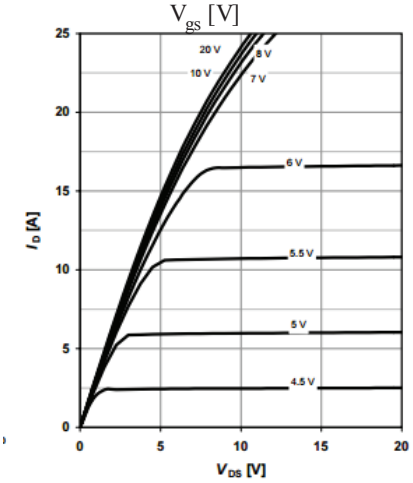
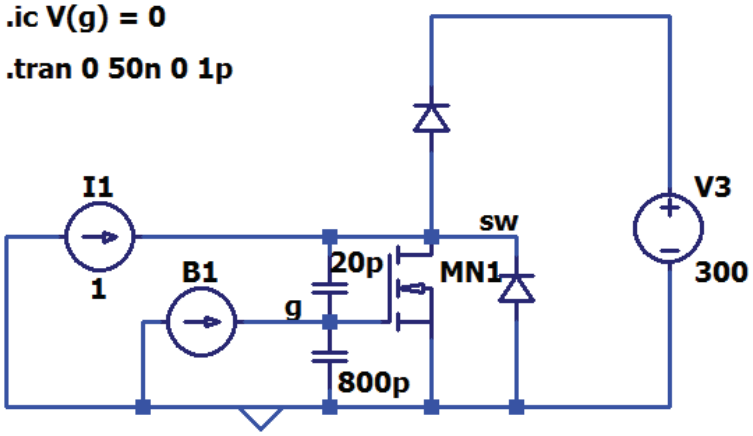
Device Transconductance

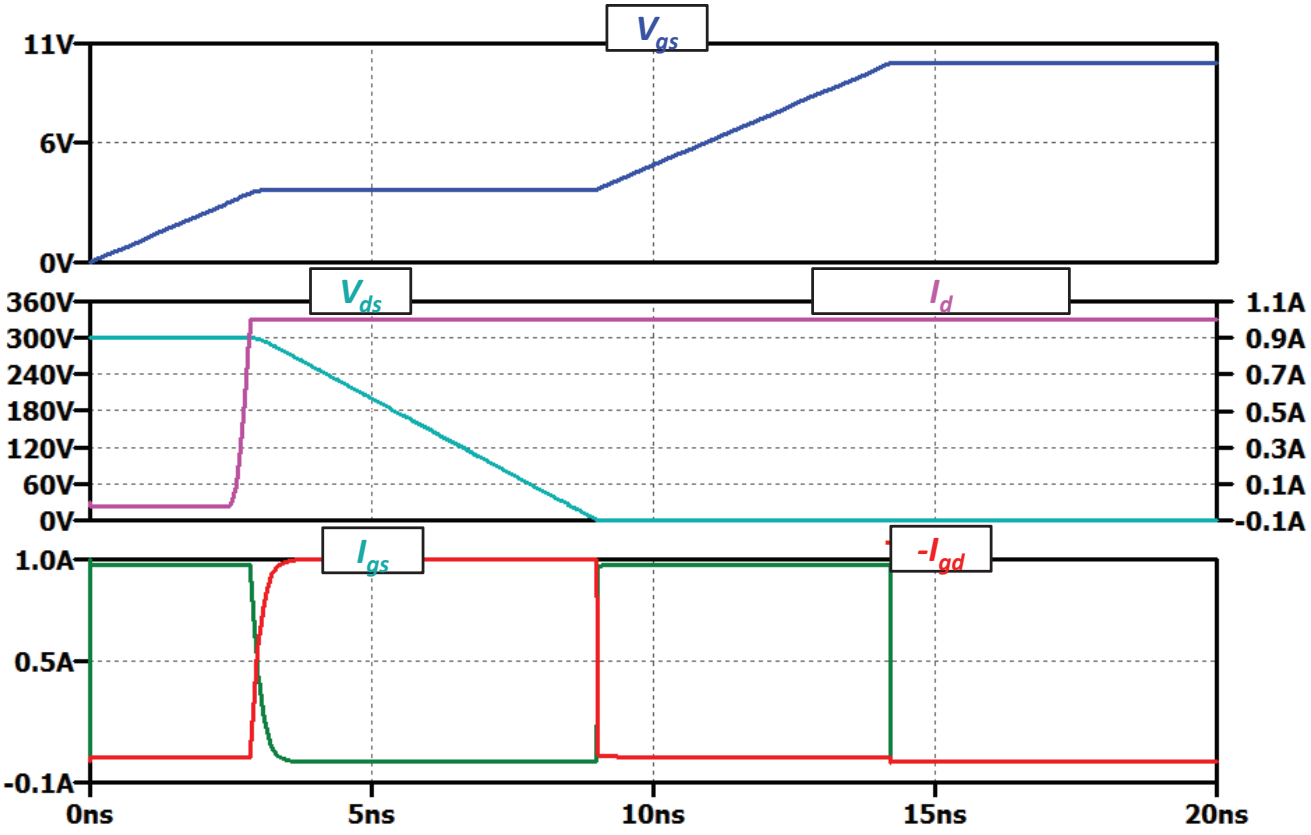




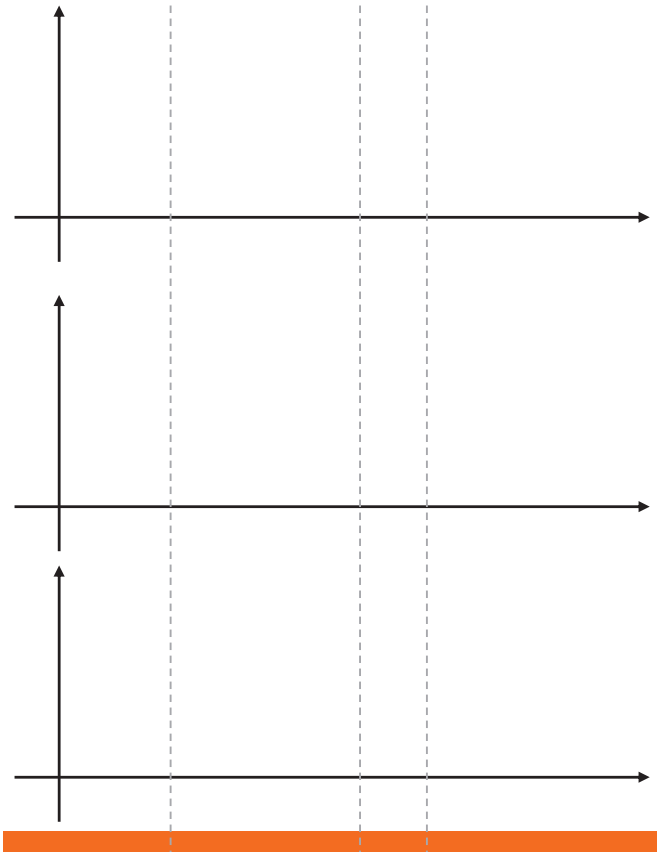
Example Simulation

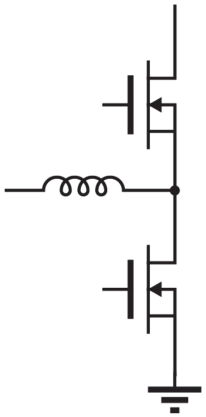


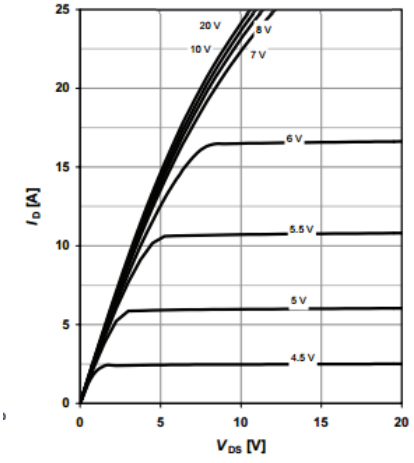
Simulation Waveforms – Turn On



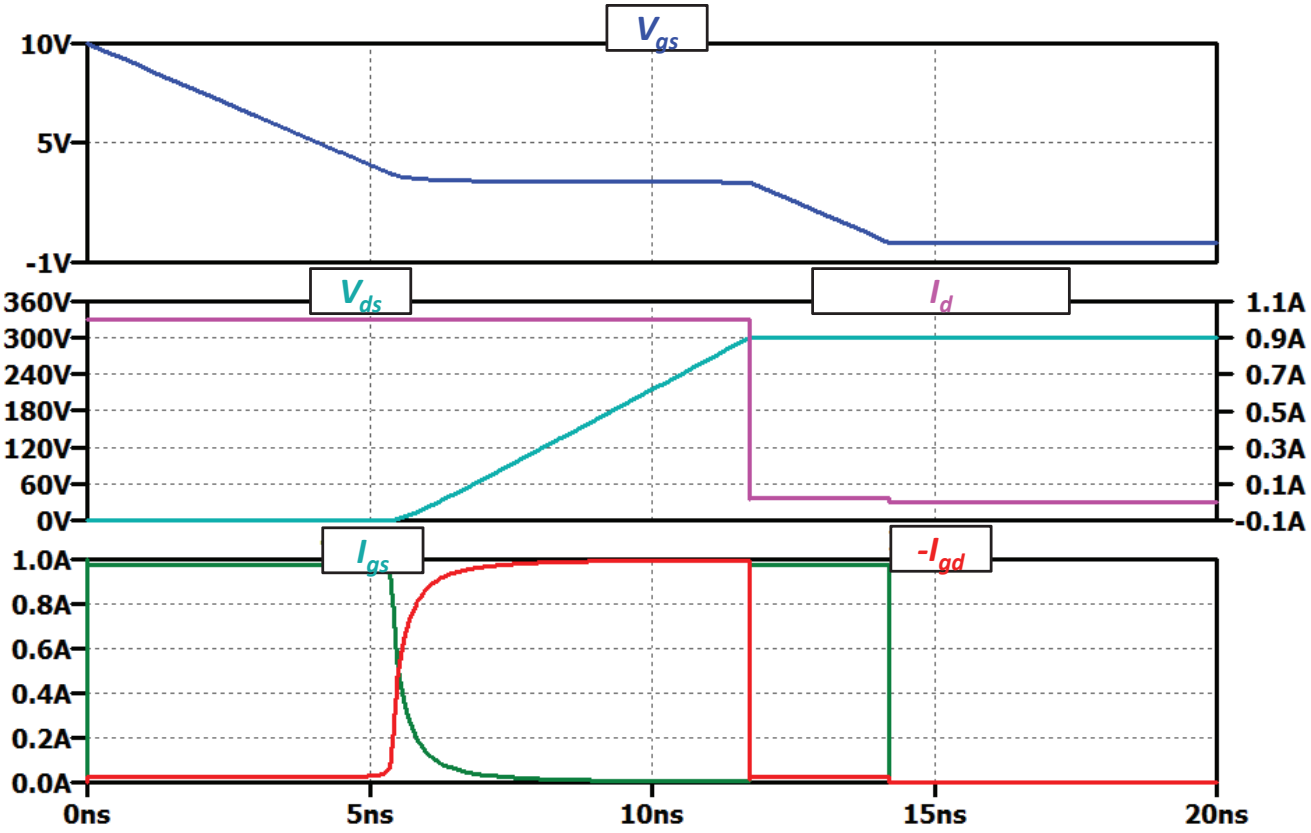
Turn-Off Transition



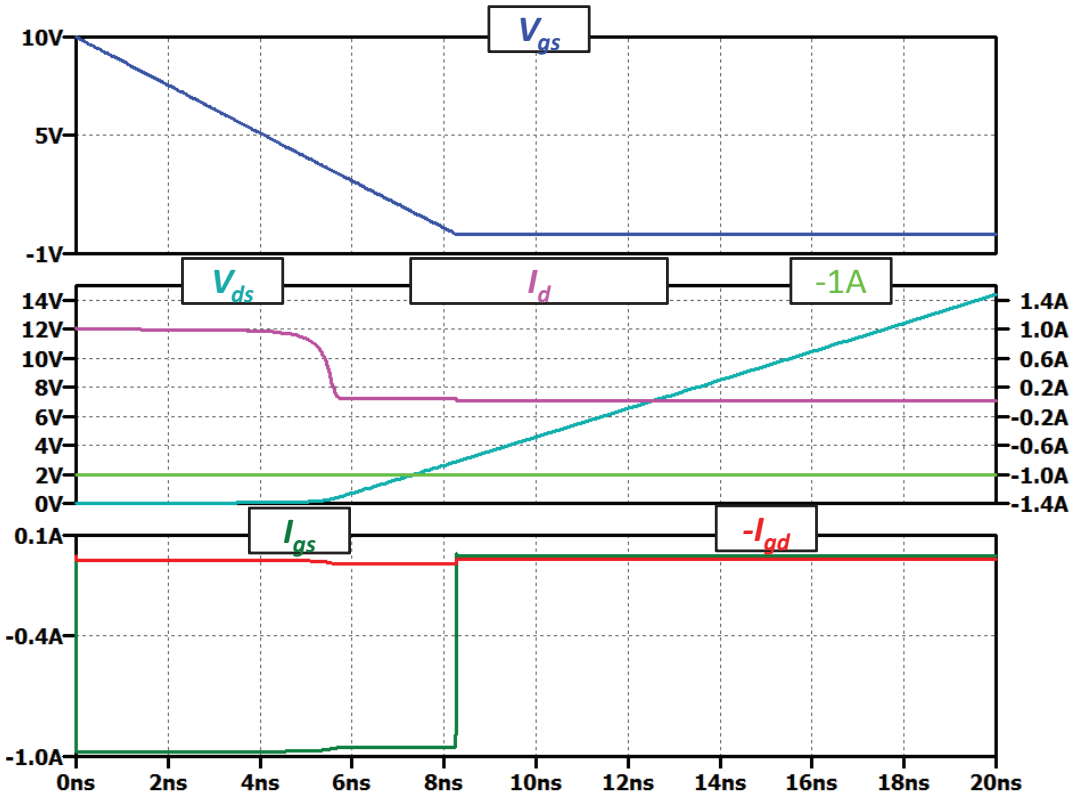




Turn-off

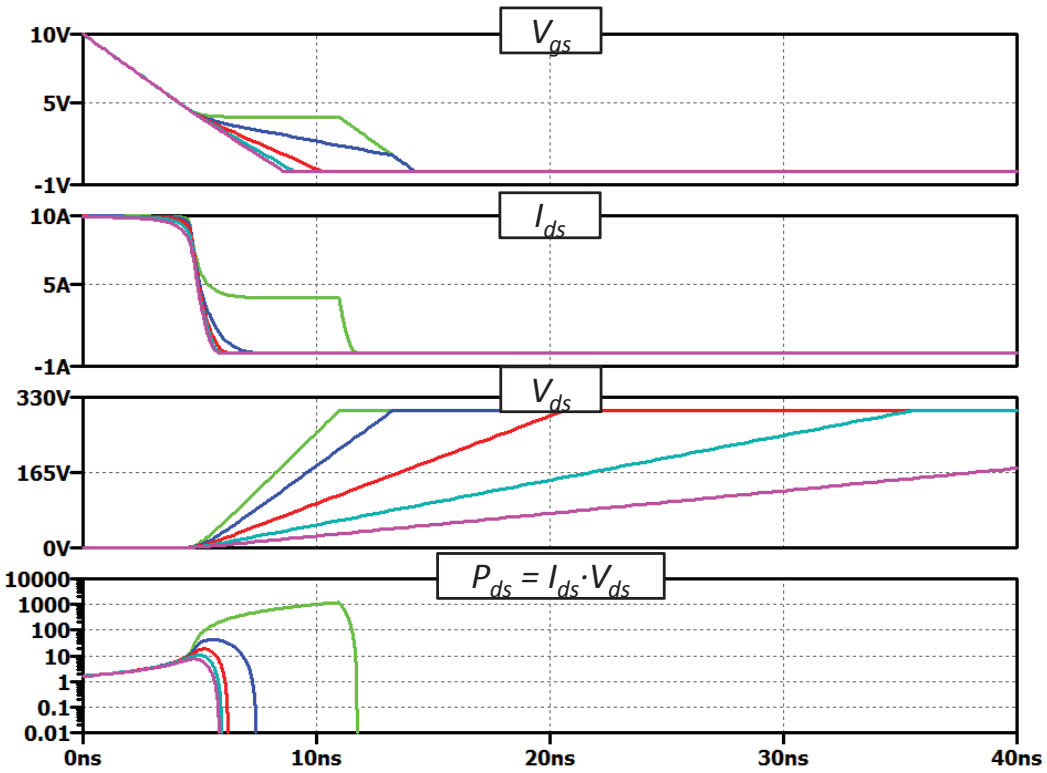


Turn-Off (Drain Dominated)



Gate- vs. Drain-Limited Switching

Simulation Results: Cds Sweep



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Limitations on Switching Speed