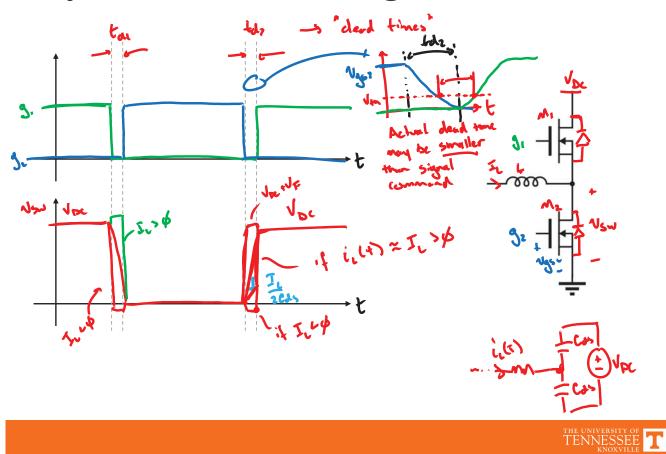
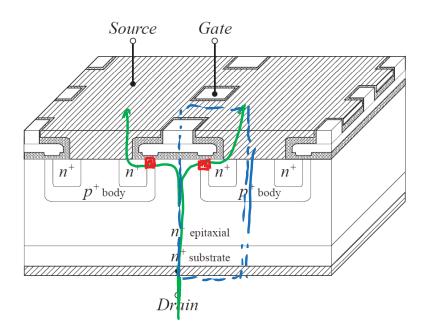
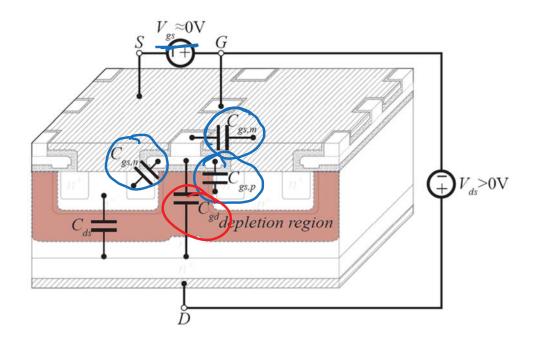
Synchronous Switching



MOSFET Cross Section

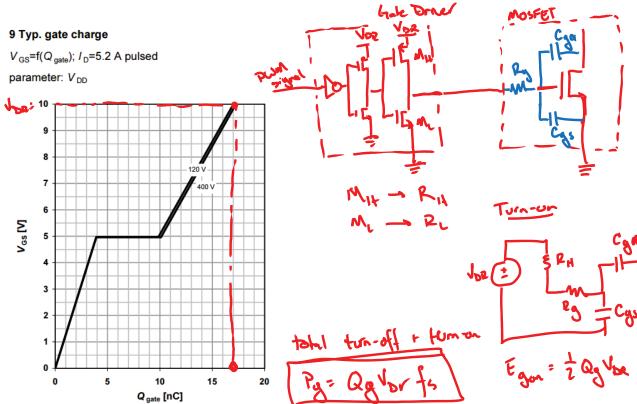


MOSFET Depletion Capacitance





Gate Charge



Overlap Time

9 Typ. gate charge

 $V_{\rm GS}$ =f($Q_{\rm gate}$); $I_{\rm D}$ =5.2 A pulsed

parameter: V_{DD}

Gate threshold voltage	V _{GS(th)}	V _{DS} =V _{GS} , I _D =0.34 mA	2.5	(J	3.5	
Gate resistance	R _G	f=1 MHz, open drain	٠	1.8	٠	Ω

