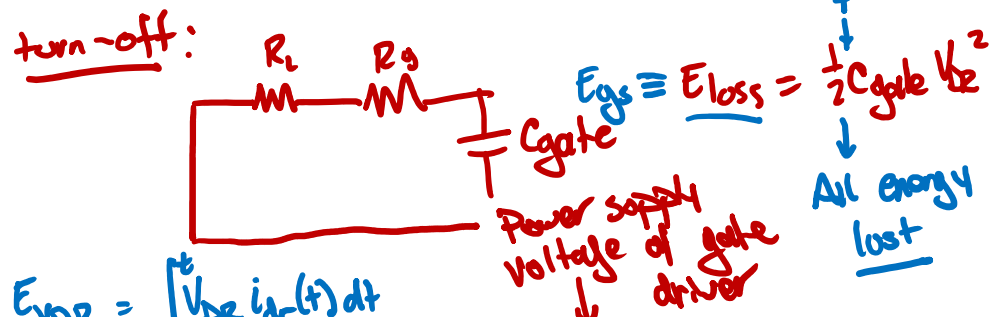
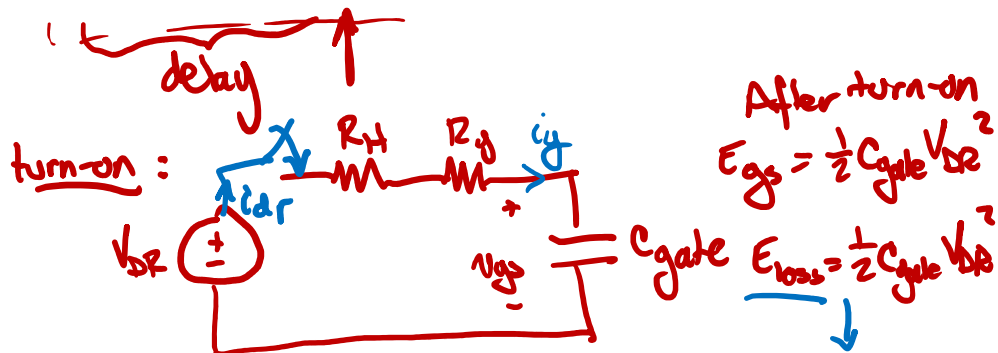
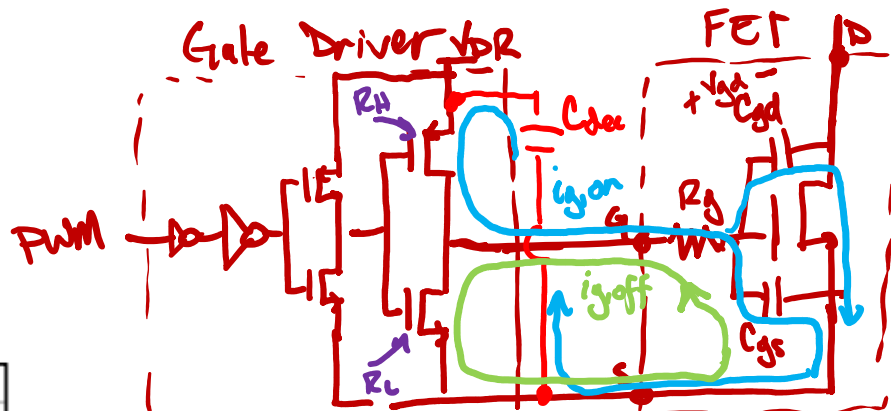
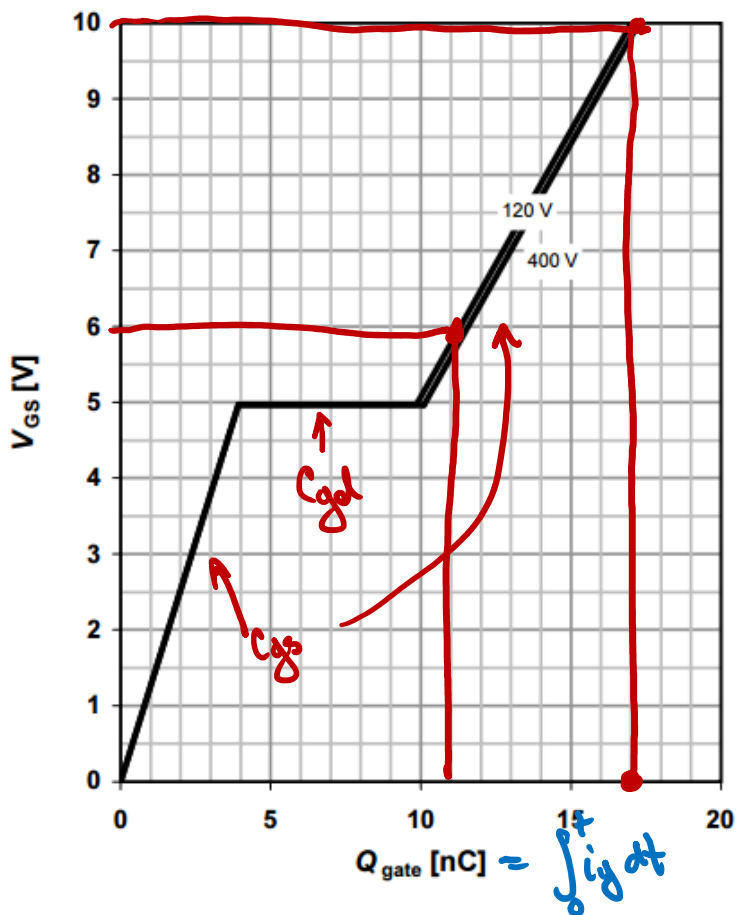


# Gate Charge

## 9 Typ. gate charge

$V_{GS} = f(Q_{gate}); I_D = 5.2 \text{ A pulsed}$

parameter:  $V_{DD}$



$$E_{VDR} = \int_0^t V_{DS} i_{gR}(t) dt$$

$$= V_{DS} \int_{turn-on} i_g dt$$

$$P_g = V_{DS} Q_g f_s$$