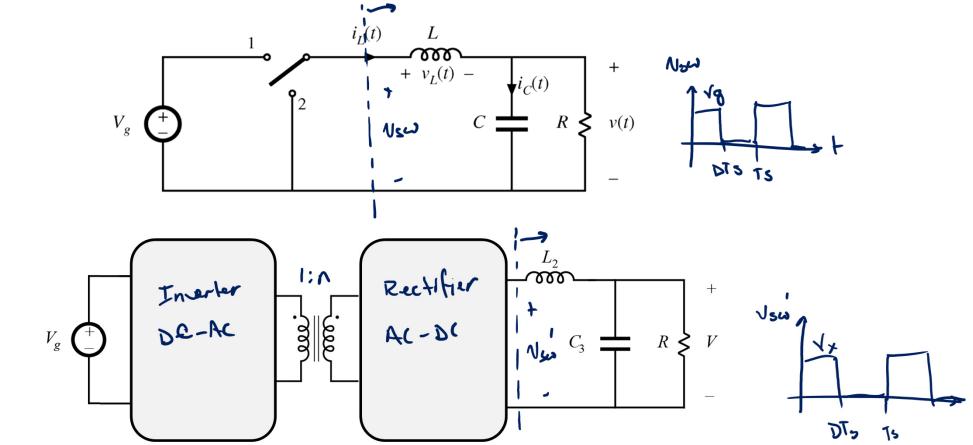
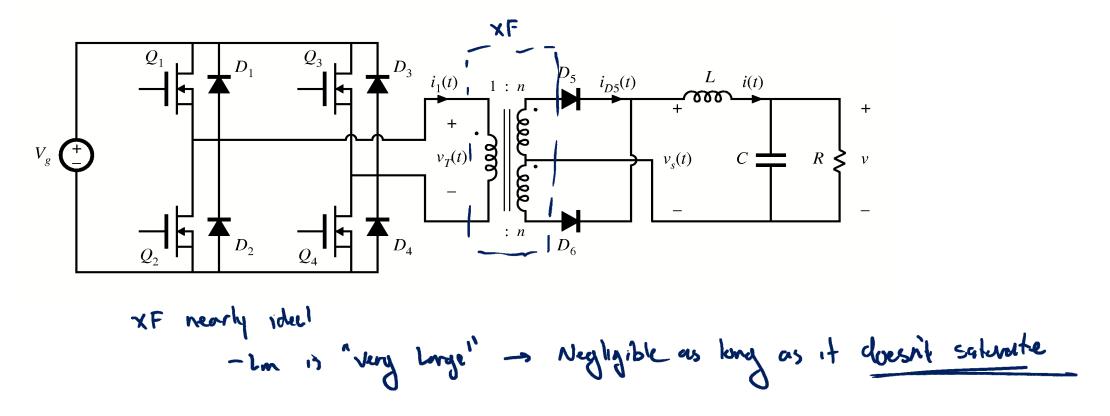
Buck-derived Isolated Converters

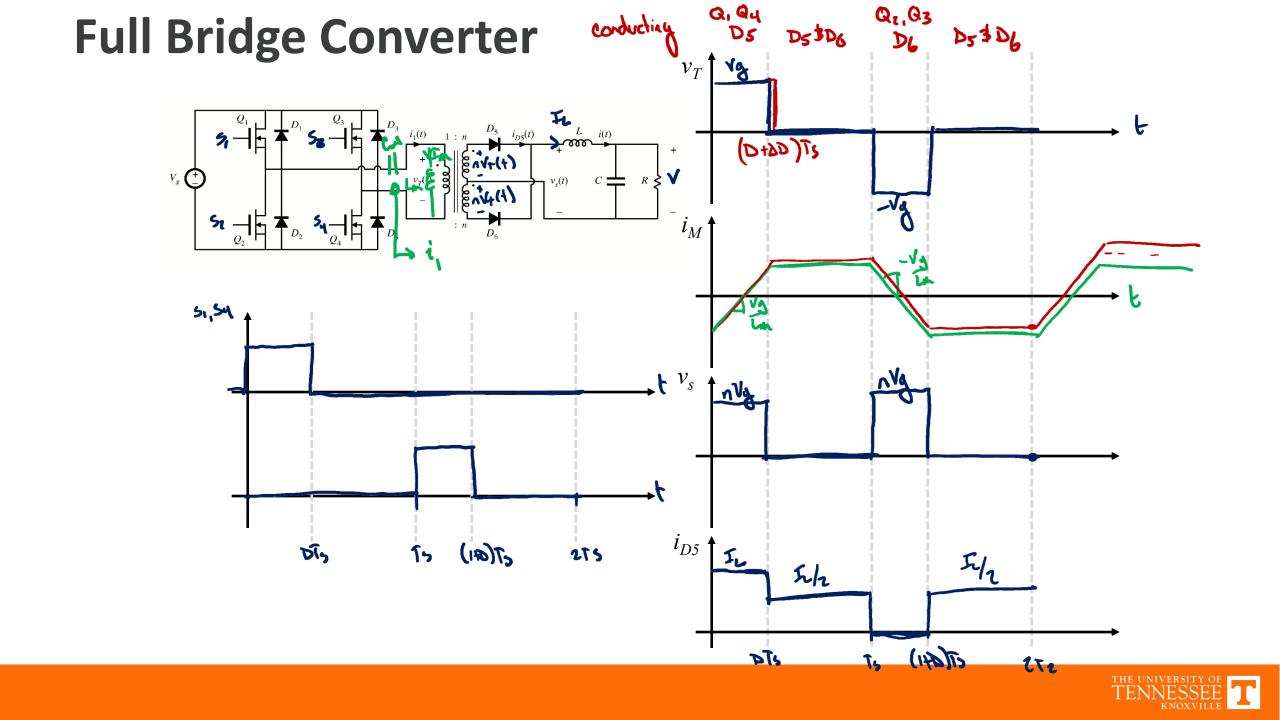


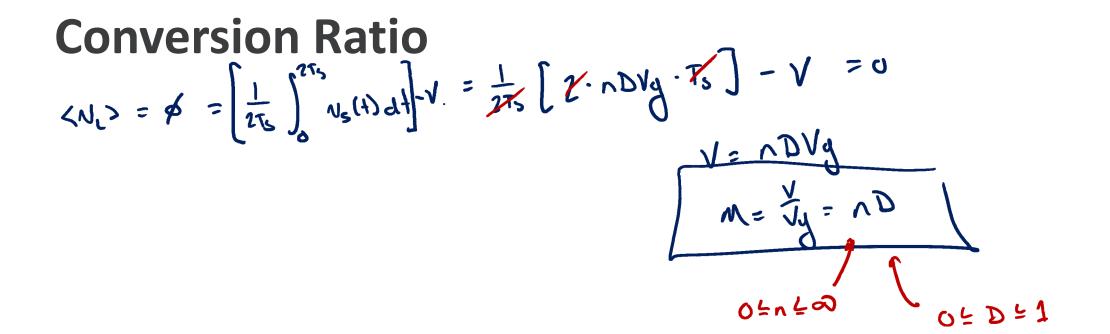


Full Bridge Converter











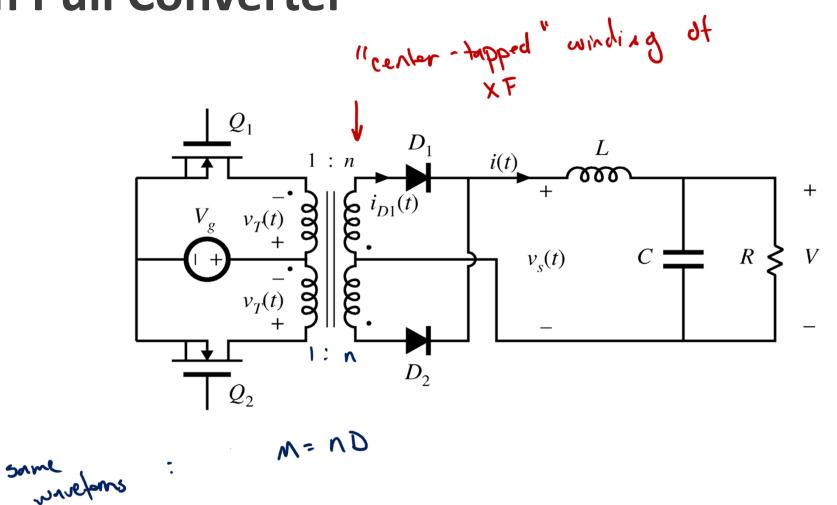
Transformer Saturation

$$\langle N_{Y} \rangle = \wp = DV_{Y} + D(-V_{Y}) = \wp$$

 $- Ideally, volt-see behance always maintained in every period
 $- Ideally, volt-see behance always maintained in every period
If there is any unbehanced varideality, we will accumulate volt-cecande tooturule
 $- Timing$ errors e.g. Dis mismatch between $O_1/O_Y = Q_e/d_s$
 $- Timing errors e.g. Dis mismatch between $O_1/O_Y = Q_e/d_s$
 $- Minur variations in bes$
 $\langle v_{Y} \rangle = \wp = D(V_Y - \frac{F_Y}{T_Y}(Rom + Romy)) + D(-V_g + \frac{F_Y}{T_Y}(Romet Roms))$
Practicely -> use either current sensing or DC black in series w/ XF$$$



Push Pull Converter





Half Bridge Isolated Buck

