## Loss Estimation

$$V_0 = 0.8 \text{ V}, \quad V_{in} = 1.8 \text{ V}$$

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$$V_0 = 0.9 \text{ V}, \quad V_{in} = 0.9 \text{ V}$$

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$$\Rightarrow$$
 Plass =  $\left(\frac{1}{4} - 1\right)$  Port

$$C = 100 \text{ b}$$

$$2x^{0.7\times1}\frac{x + ns}{100ns} \approx 7mwx2 = 14mw$$



## EE5325 - Power Management Integrated Circuits

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$$0.0V \rightarrow V_0$$

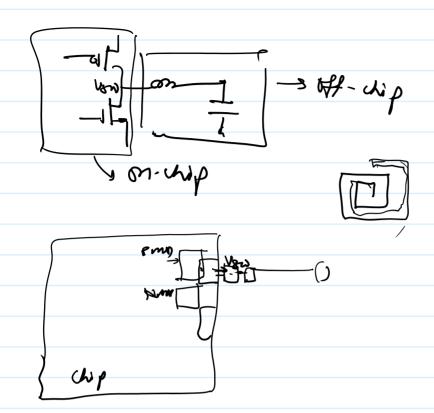
$$0.6 \rightarrow V_{sef}$$

$$\beta = \frac{\sqrt{60}}{\sqrt{60}} = \frac{6.6}{\sqrt{60}} = 6.75$$

$$\beta = \frac{0.6}{1.5} = 0.4$$



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