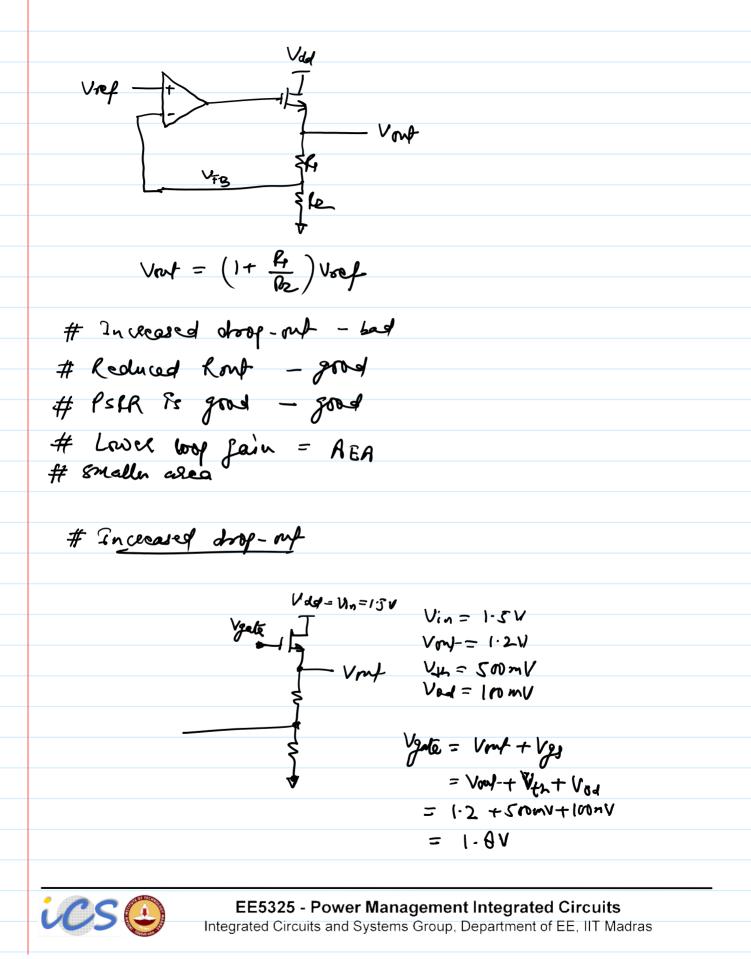
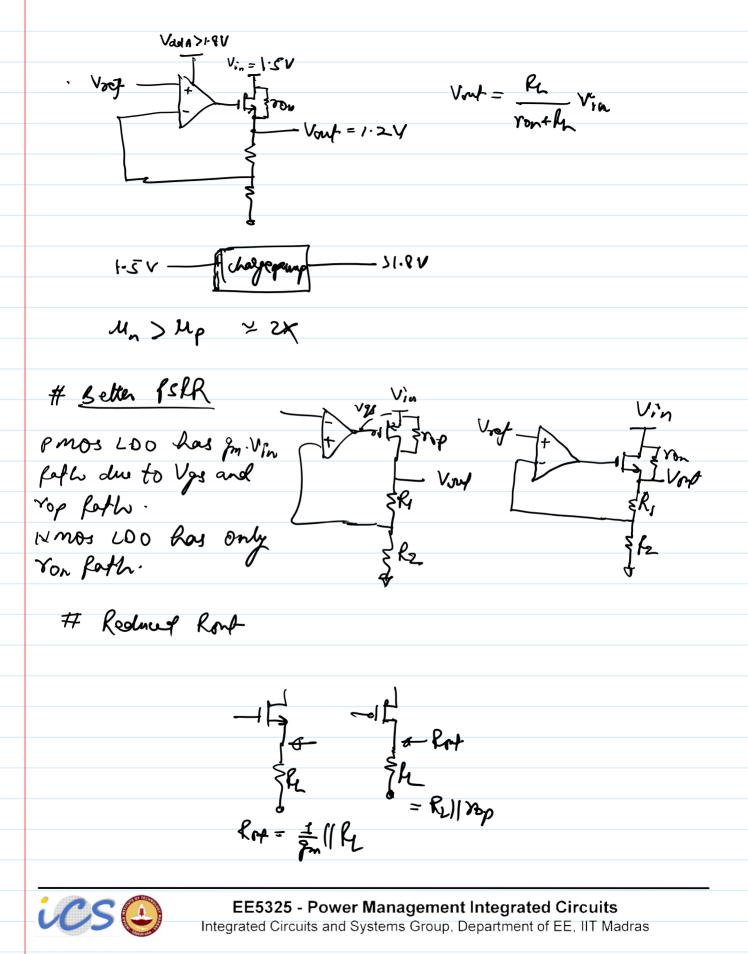
## PMOS vs NMOS LDOs



## PMOS vs NMOS LDOs



## LDO with Flipped Source Follower

pmos soulce follower I =) output cullert is limited the to ising. prod for cullent sint not source. Vont Vag=Vin 9202 Vnf Flipped souther Fallower Good for sourcing Re tr Similar chalacteristics as fmos Loo neith much lower Rout Rm x Juzaro EE5325 - Power Management Integrated Circuits Integrated Circuits and Systems Group, Department of EE, IIT Madras

Current Limit and Short Circuit Protection

current limit # Protection from high cullent # short circuit protections VI Iver = 100mA Vor = 1.24 Sh. short circuit protection Turn OFF PM DS (-)Vau Vouf Vorf Vrelso < 90%. Vont = 1.0V EE5325 - Power Management Integrated Circuits Integrated Circuits and Systems Group, Department of EE, IIT Madras

## Current Limit and Short Circuit Protection

