微电子专业基础实验作业

PB21511897 李霄奕

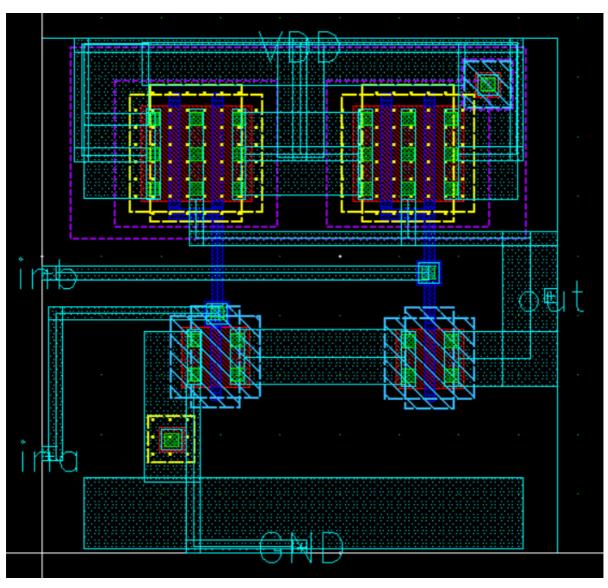
模拟部分

实验4

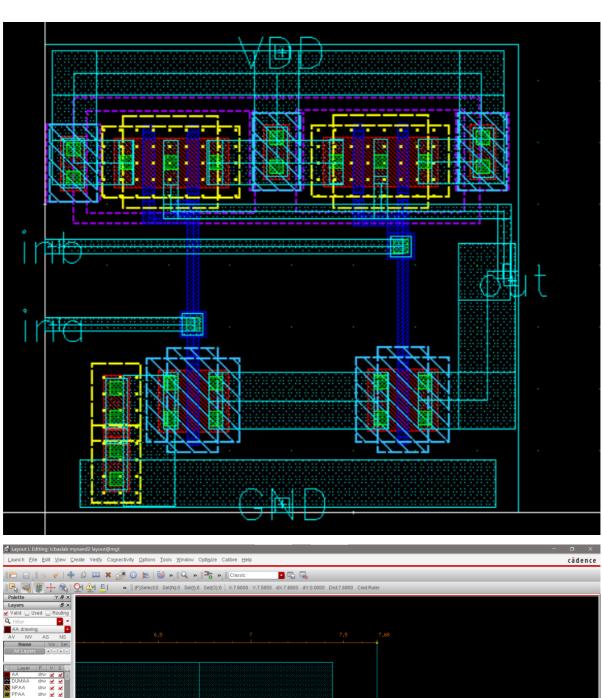
1

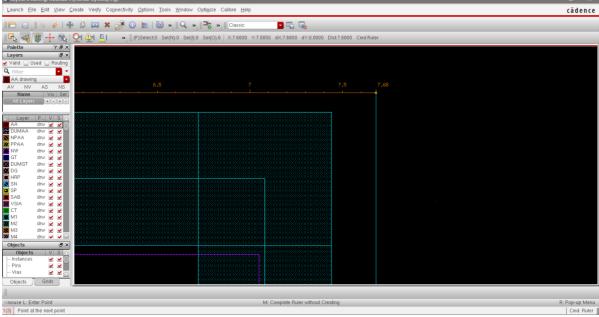
给出初始和最终版图设计的截屏; 电路版图面积是多少?

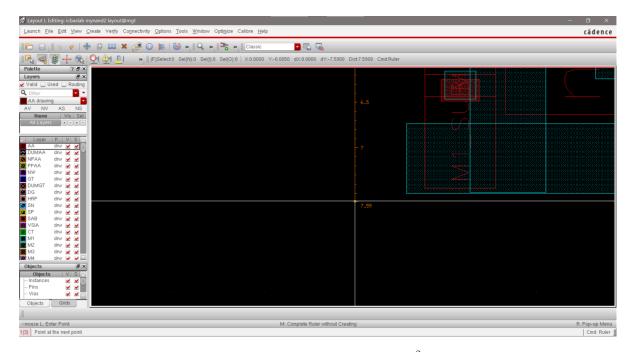
初始设计



最终设计



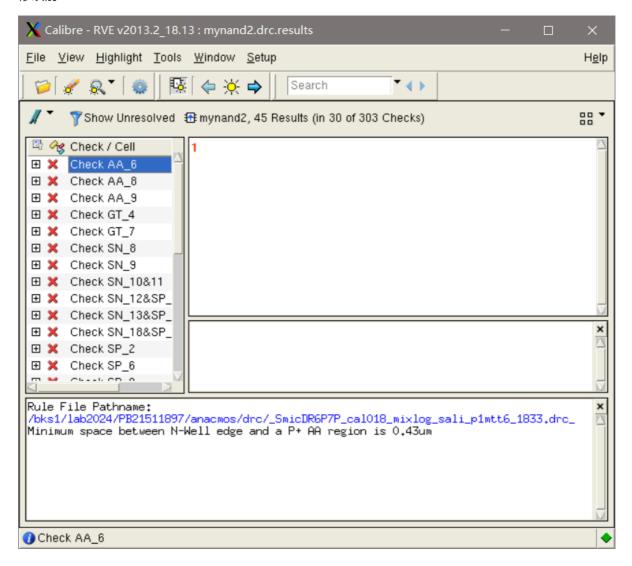




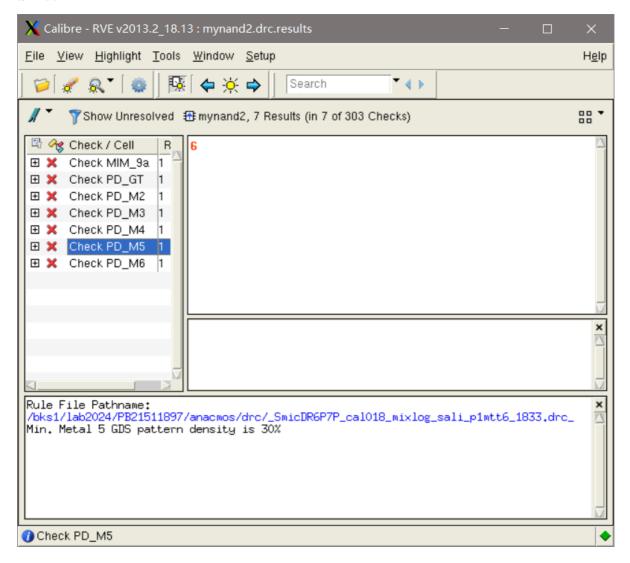
 $7.68 \mu m imes 7.59 \mu m = 58.29 \mu m^2$

2

将第一次 DRC后的 Calibre RVE 窗口和修改违例后(可以有违例未消除) 的 Calibre RVE 截屏修改前:



修改后:



3

给出 LVS 物理验证报告结果的截屏

