## 2025 Digital IC Design Homework 1

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Functional Simulation Result									
Stage 1	Stage 1 Pass		Stage 2	Pass	Stage 3	Pass/Fail	Stage 4	Pass/Fail	
Stage 1									
# Stagel: Comparator2 Pass !									
Stage 2									
Stage 2									
# Stage2: MedianFinder_3num Pass !									
Stage 3									
# Stage3: MedianFinder_5num Pass !									
1									
Stage 4									
\$\frac{1}{2} = \frac{1}{2} \text{Stage4: MedianFinder_7num Pass !} = \frac{1}{2} \text{Total Pass !} = \fra									
Description of your design									
Following the logic diagram in the handout to solve MedianFinder_3num and									
MedianFinder_5num. In MedianFinder_7num, I exclude the maximum and									
minimum values first and find the median value by MedianFinder_5num.									
1 1 Migh 4 6 Mark 3 2 Migh 5 7 Migh 8 Median									
S 3 Wiln 7									