

2025 Digital IC Design Homework 1

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Functional Simulation Result							
Stage 1	Pass	Stage 2	Pass	Stage 3	Pass	Stage 4	Pass
Stage 1							
----- Stage1: Comparator2 Pass ! -----							
Stage 2							
----- Stage2: MedianFinder_3num Pass ! -----							
Stage 3							
----- Stage3: MedianFinder_5num Pass ! -----							
Stage 4							
----- Stage4: MedianFinder_7num Pass ! -----							



Description of your design
<p>我的思路非常簡單，既然一定要用到 Comparators，我就先用六個 Comparators 來把最大的值篩掉，然後再用五個 Comparators 把剩下的六個值篩掉最小的值，接者只剩下中間五個值。最後用 MedianFinder_5num 把中間五個值的中位數找出來。</p>