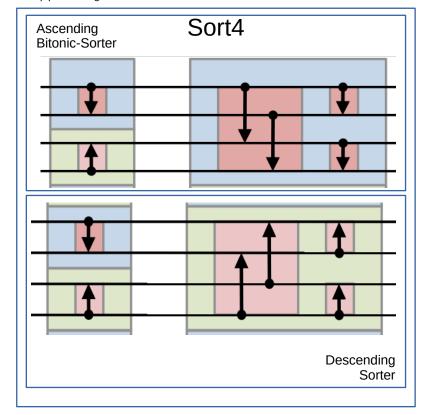
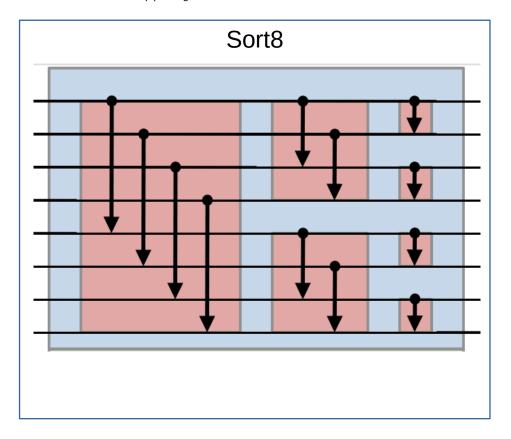


Bitonic sorting of Unsorted[3:0] in ascending order. 3 comparators in sequence. 1 pipeline stage.



- Bitonic sorting of Sort[i] and Sort[i+1].
 4 entries sorted over 2 pipe stages from Sort4 are combined and 8 entries are sorted.



Reference:

https://upload.wikimedia.org/wikipedia/commons/b/bd/BitonicSort1.svg