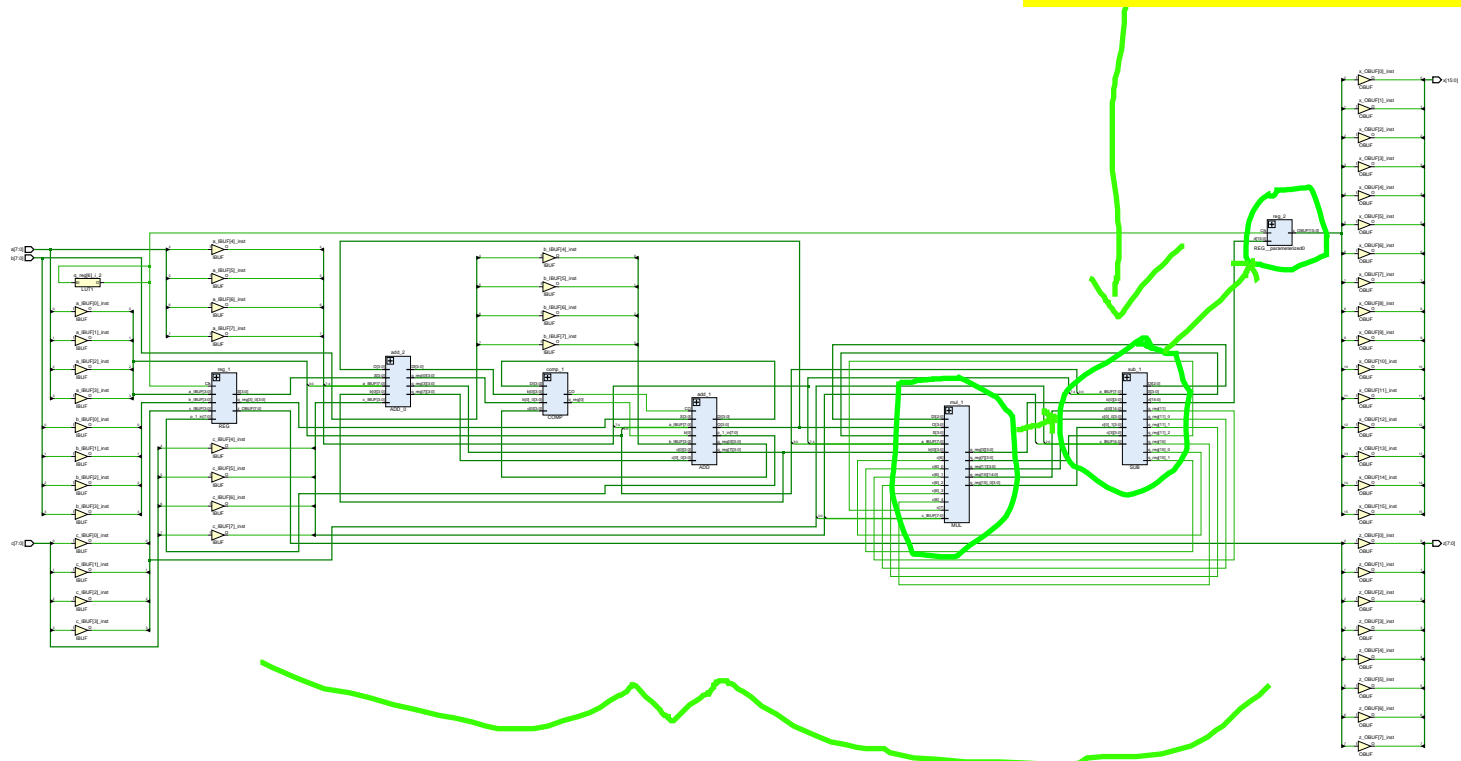


The estimated critical path is shown by



The actual critical path can be seen by the entire circuit implementation below where we have