

For the step counter,it will provides three operations. for Sop=1, the Sc = Sc+1. Sop=0,Sc=Sc, for other value (2.3), the Sc will reset.
the step counter will counts from 0 to n-1. In our case, n is 8, so after Sop got 01, we can find Sc count for 7 period and get value 1

