A61 Mi 
$$S_i = 5$$
,  $S_o = 9$ ,  $h_i = 9$ ,  $h_o = 9$ , rising clock edge  $S_i$ :  $S_o = 9$ ,  $h_i = 9$ ,  $h_o = 9$ , rising clock edge  $S_o$ :  $h_i = 9$ ,  $h_o = 9$ , rising clock edge

## A7 Reset Conditions

- Always reset to 0 when reset input enabled for all digits

$$M: M=S_0=h_1=h_0=9, S_1=5$$

$$S_{i}: S_{i}=5, S_{o}=h_{i}=h_{o}=9$$

$$S_{i}: S_{o} = h_{i} = h_{o} = 9$$