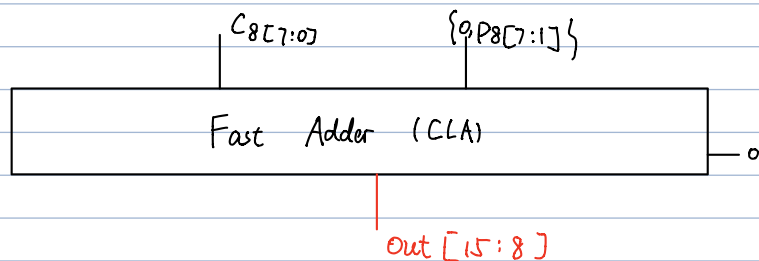
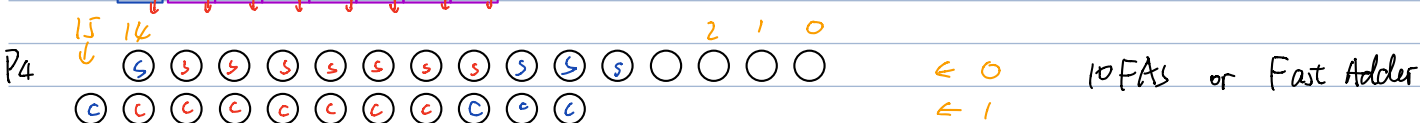
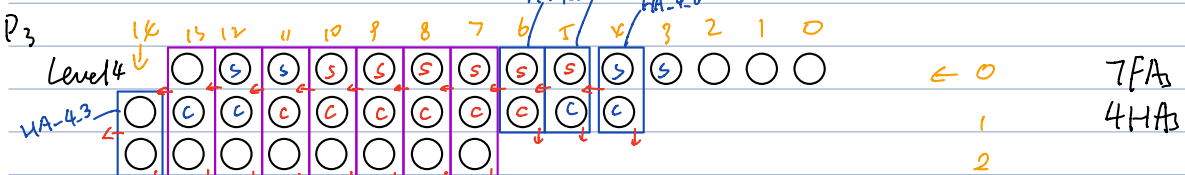
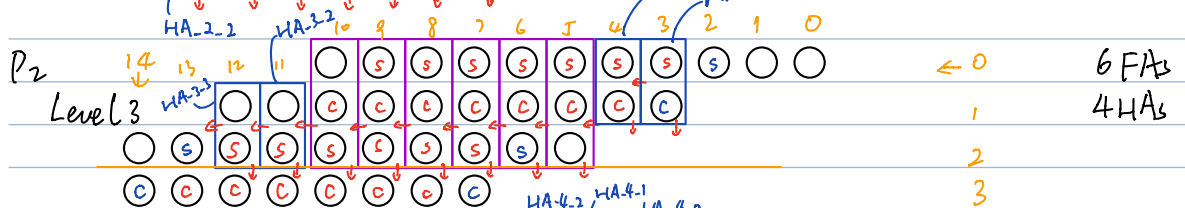
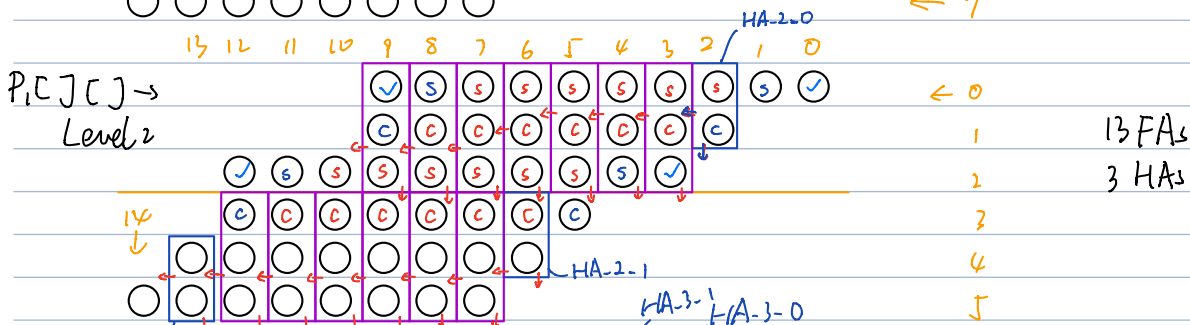
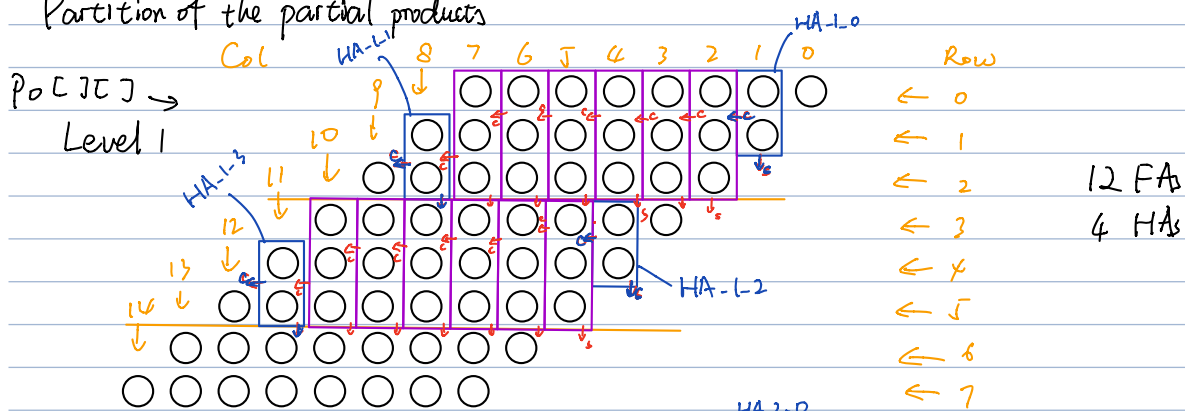


# Partition of the partial products

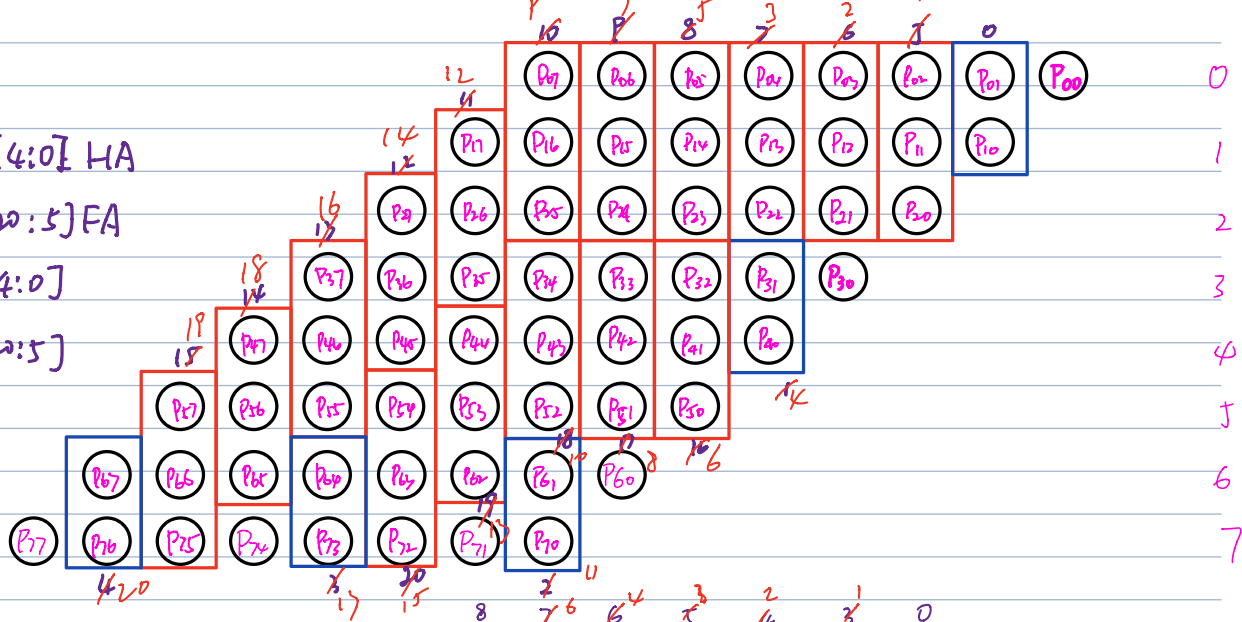


$C_0$

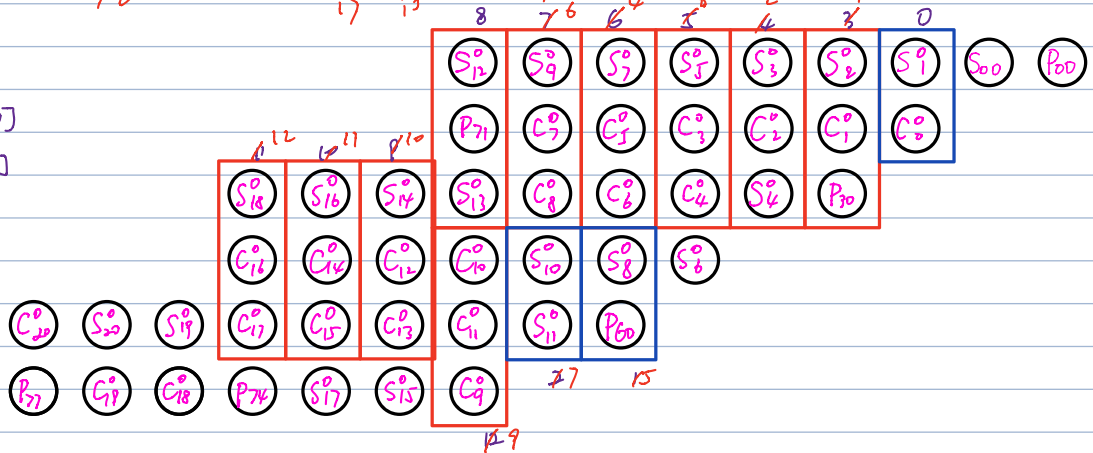
$P_0 \& C_0, G_0 \Rightarrow P_0 \& C_0 \mid G_0$

$P_1 \& P_0 \& C_0, P_1 \& G_0, G_1 \Rightarrow P_1 \& P_0 \& C_0 \mid P_1 \& G_0 \mid G_1$

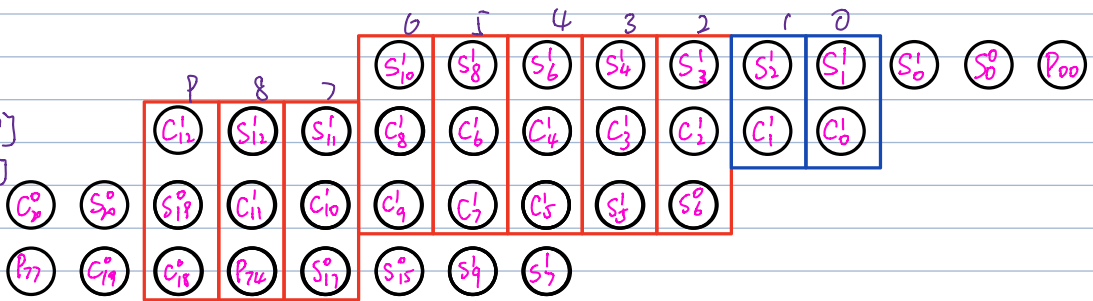
Stage 0  $S_0 [4:0]$  HA  
 $[20:5]$  FA  
 $C_0 [4:0]$   
 $[20:5]$



Stage 1  $S_1 [12:0]$   
 $C_1 [12:0]$

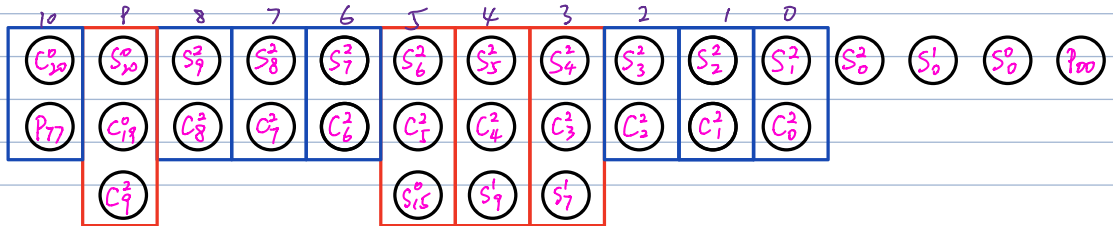


Stage 2  $S_2 [19:0]$   
 $C_2 [19:0]$

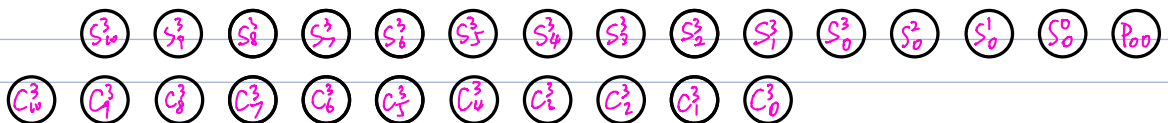


Stage 3

$S_3 [10:0]$   
 $C_3 [10:0]$



CLA  $\Rightarrow$

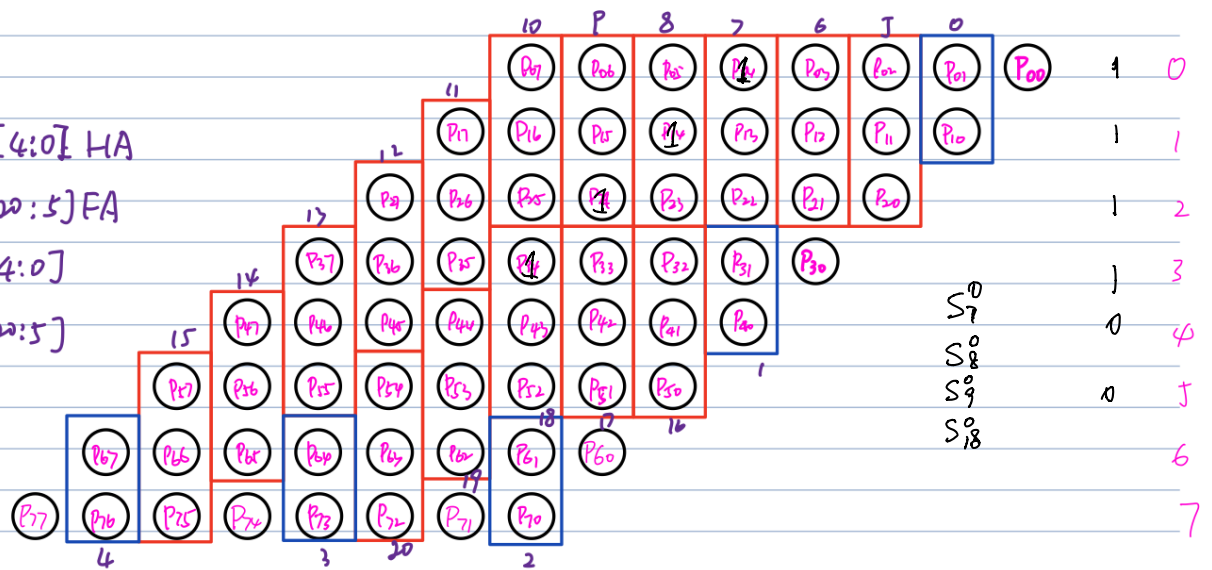


Stage 0  $S_0 [4:0] HA$

$[20:5] FA$

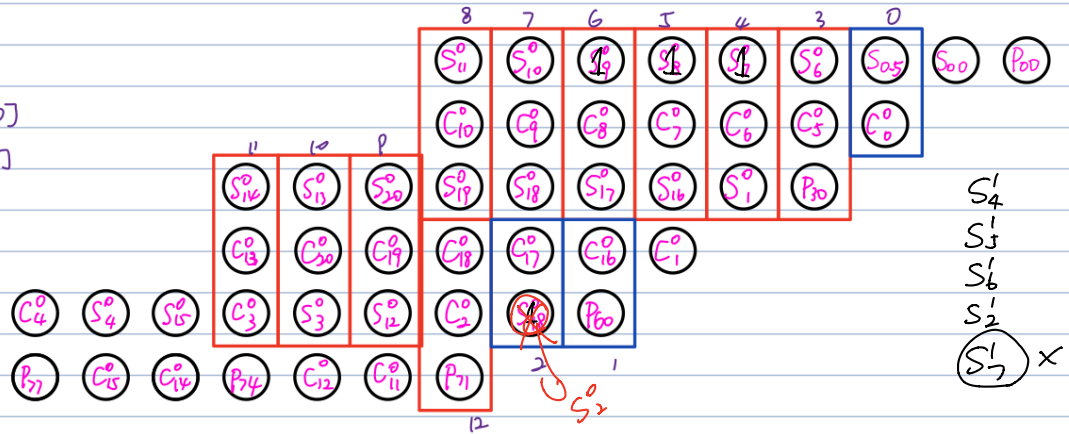
$C_0 [4:0]$

$[20:5]$



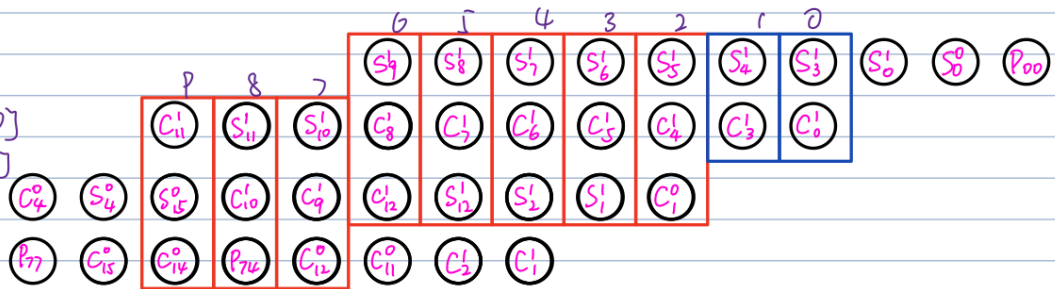
Stage 1  $S_1 [10:0]$

$C_1 [6:0]$



Stage 2  $S_2 [19:0]$

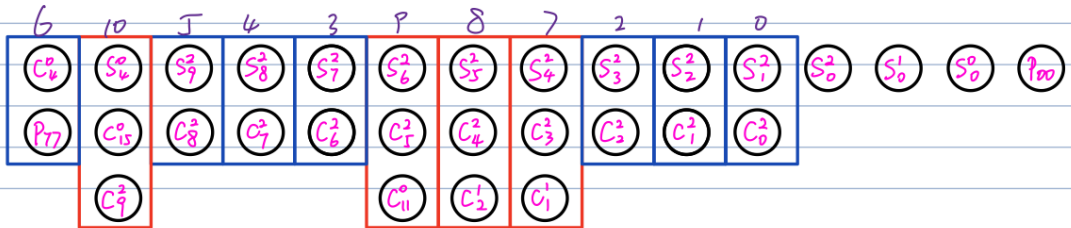
$C_2 [11:0]$



Stage 3

$S_3 [10:0]$

$C_3 [10:0]$



CLA  $\Rightarrow$

