

a[4:1]  
b[4:1]  
remainder[4:1]  
stage1[8:1]  
sel  
T0  
T1  
T2  
T3  
stage2[4:1]  
stage3[3:1]  
stage4[2:1]  
sum0[4:1]  
sum1[4:1]  
GND

