

	idle	save_mulplicand	save_multplier	multKernelStep	save_product	multDone
csa_clear	1	0	0	0	0	0
multiplicand_en	0	1	0	0	0	0
notMultiplicand_en	0	0	1	0	0	0
sumMux_sel	0	0	0	1	0	0
sum_en	0	0	1	1	0	0
carry_en	0	0	0	1	0	0
leftAddMux_sel	0	0	0	0	1	0
count_en	0	0	0	1	0	0
prod_en	0	0	0	0	1	0
res_ready	0	0	0	0	0	1