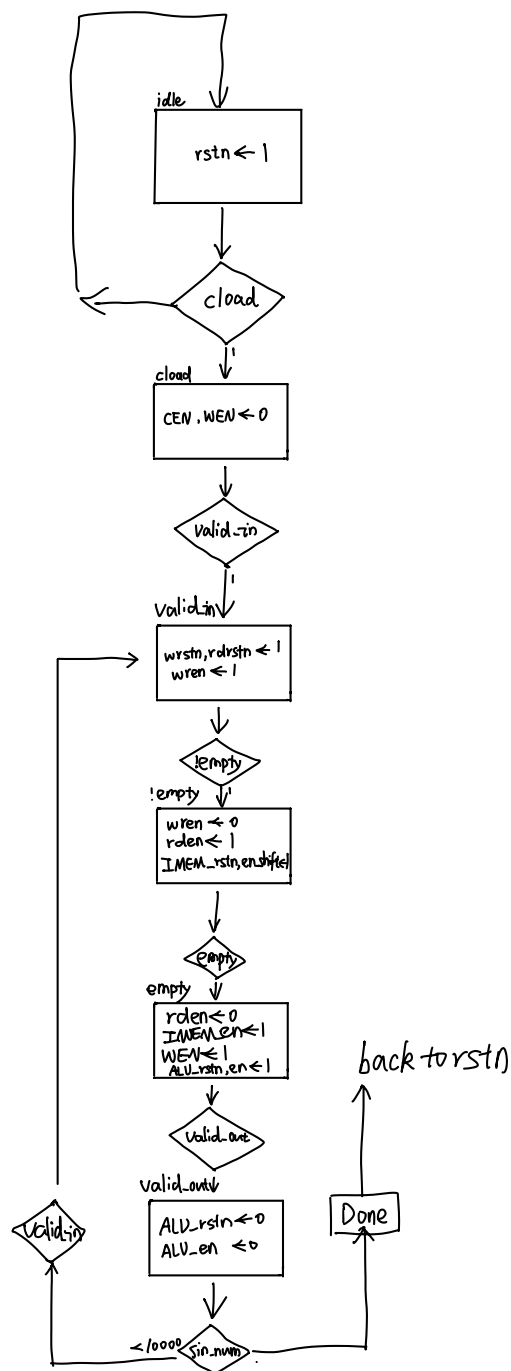
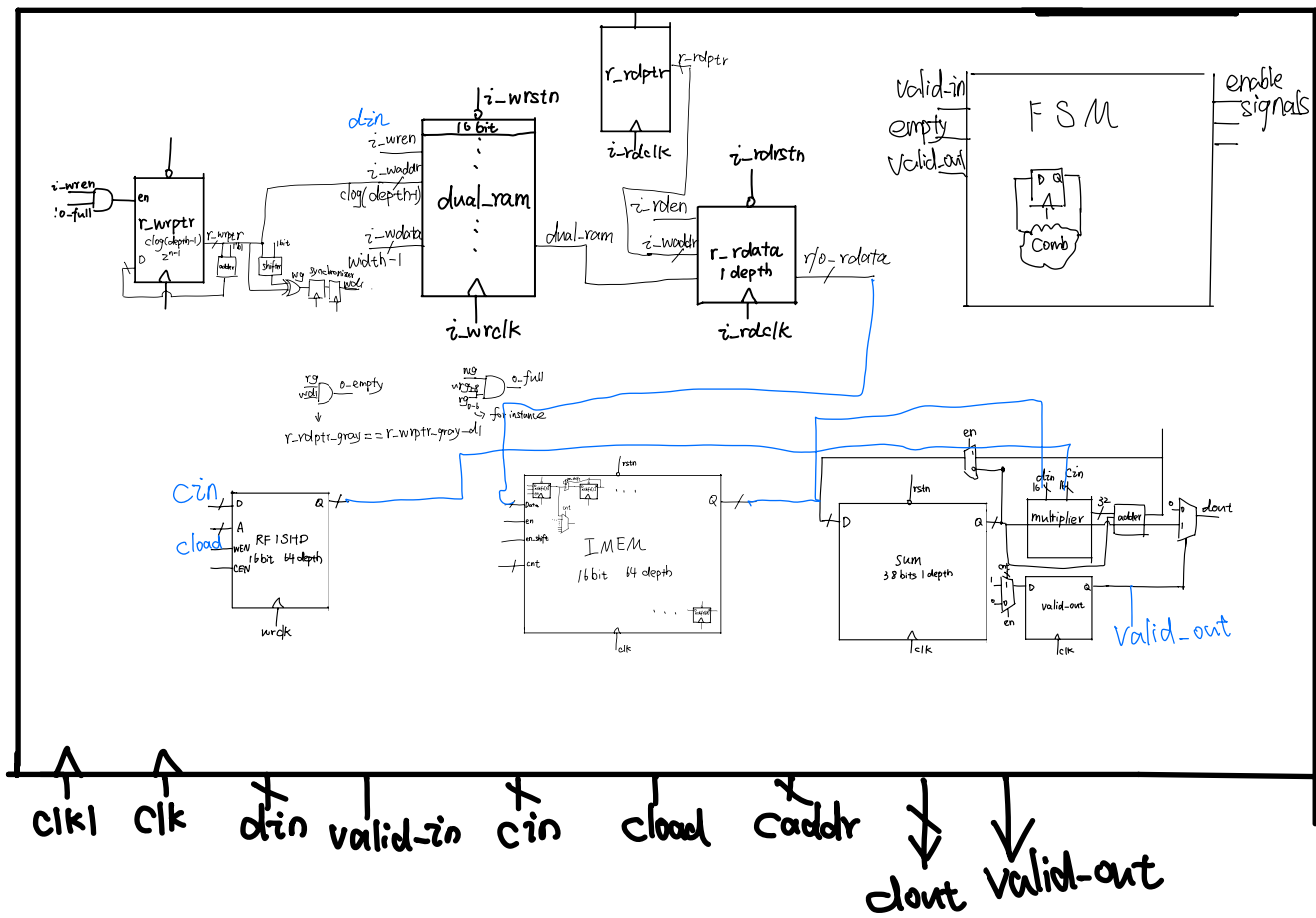
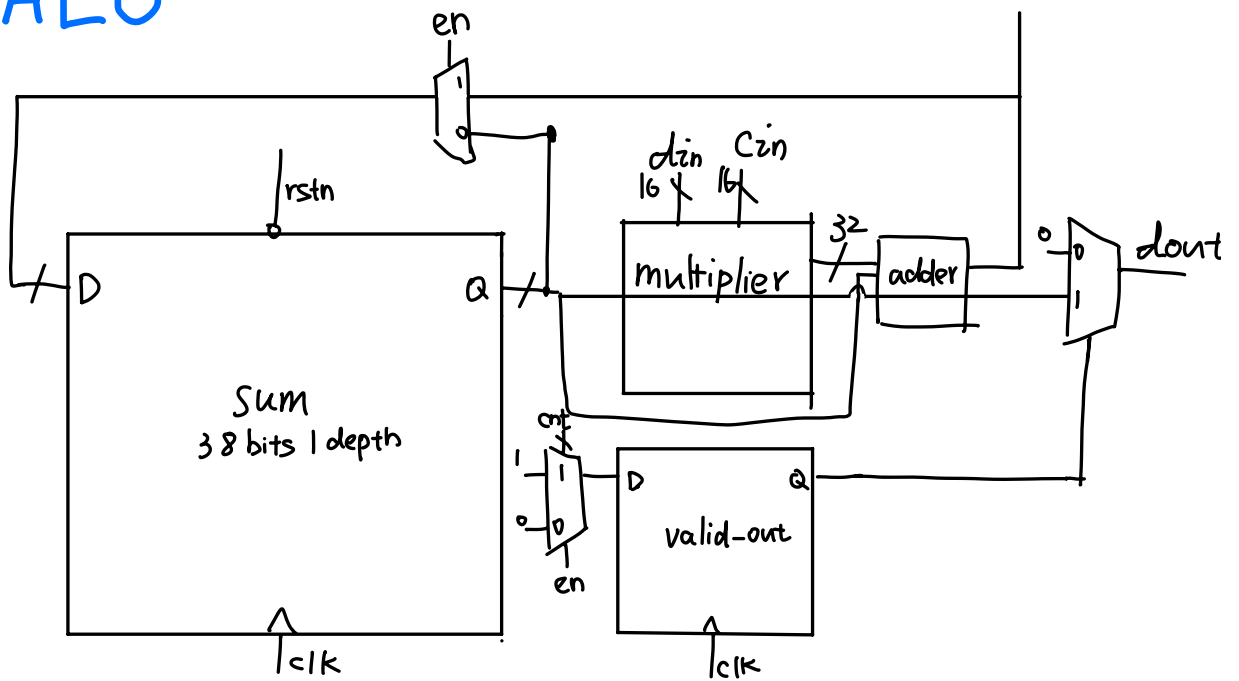


S0: idle S1: cload S2: valid-in S3: !empty S4: empty
 S5: valid-out default: S0

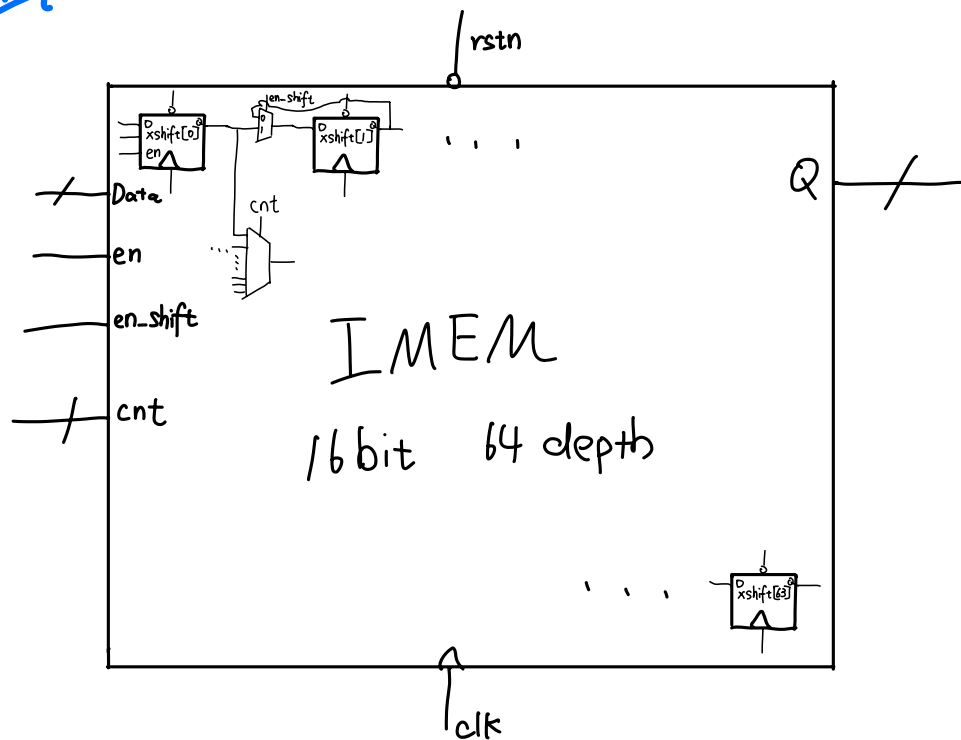




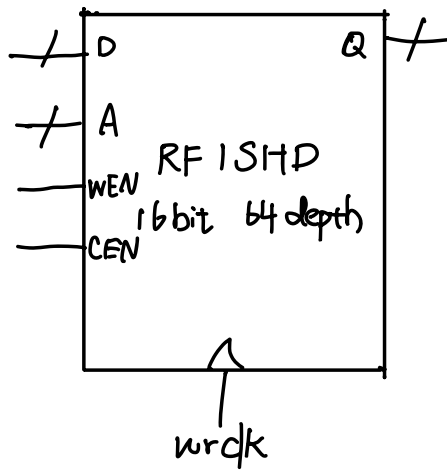
ALU



IMEM



SRAM



D for data input

A for address

CEN	WEN	Operation
0	0	write
0	1	read
1	~	

FIFO

