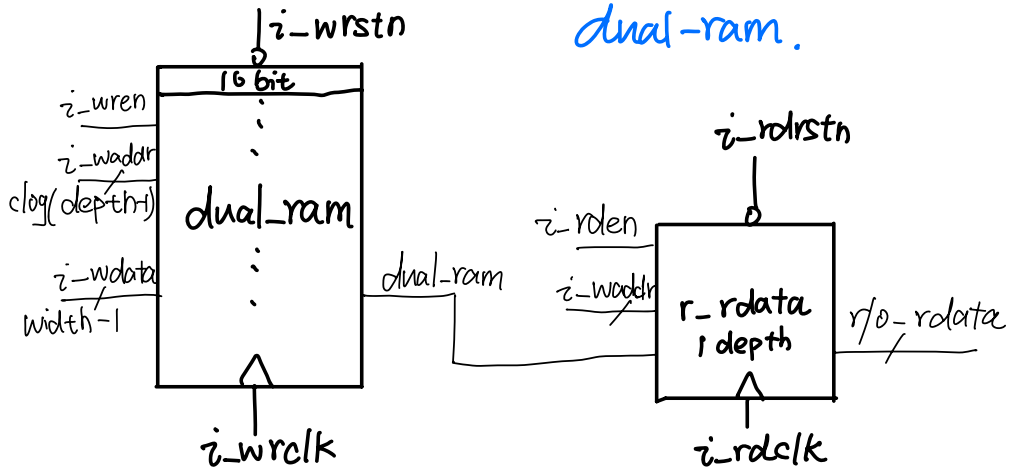
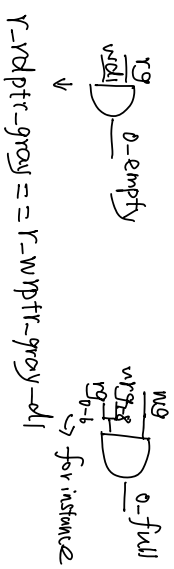
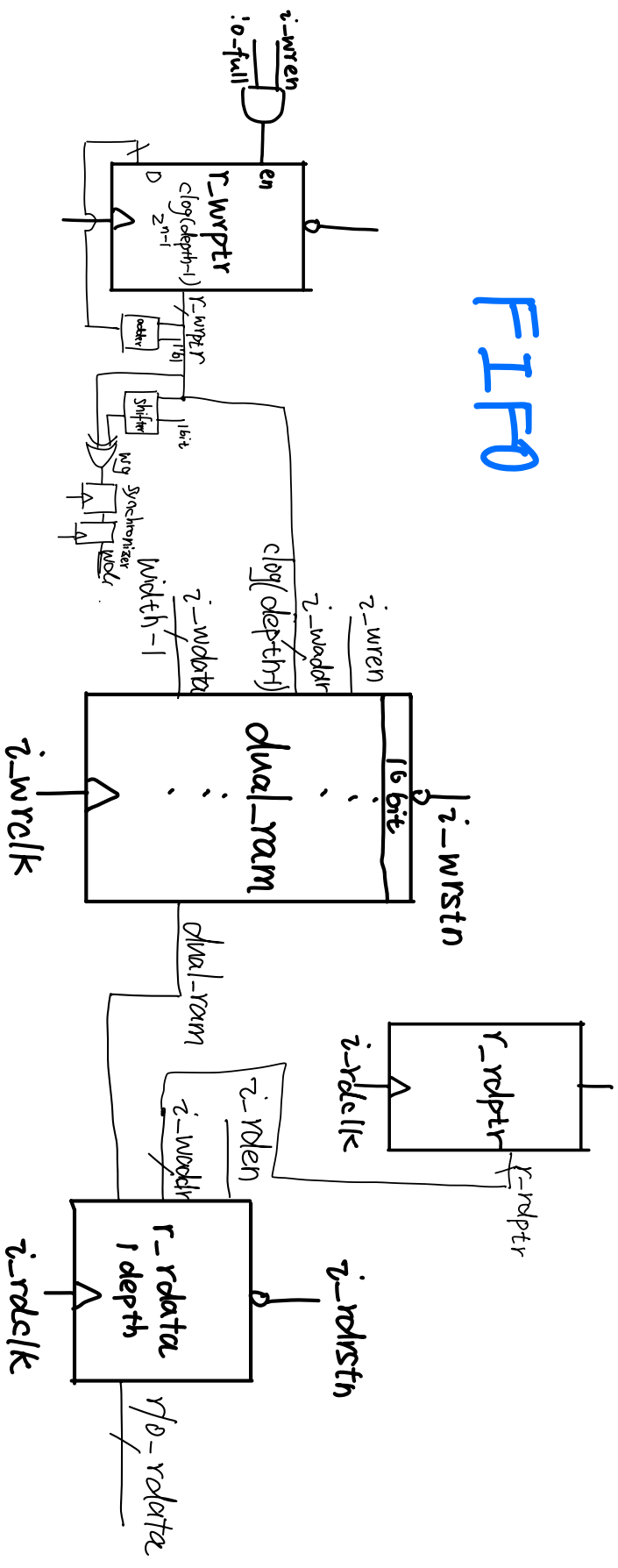


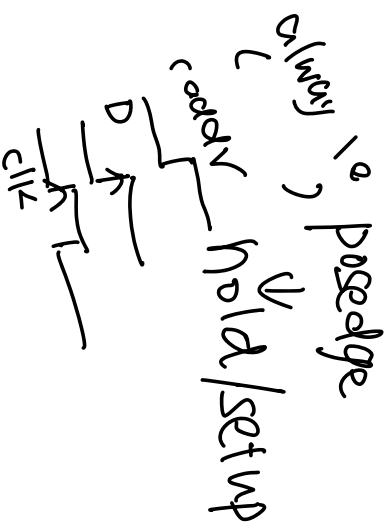
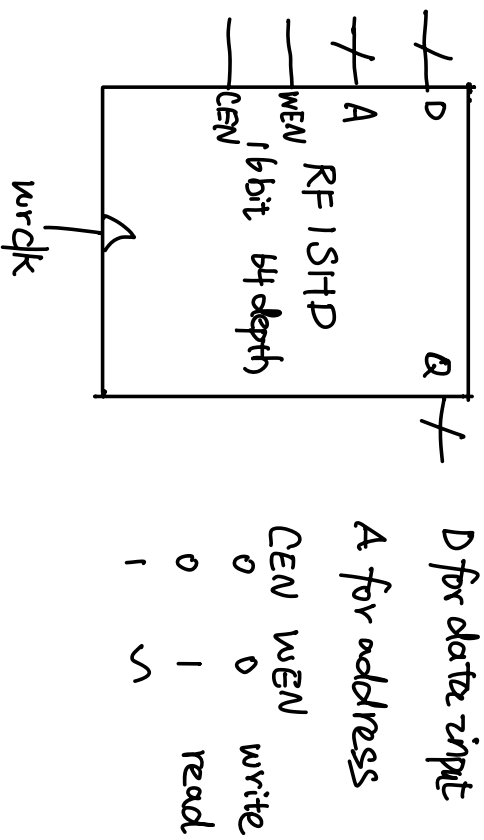
dual-ram.



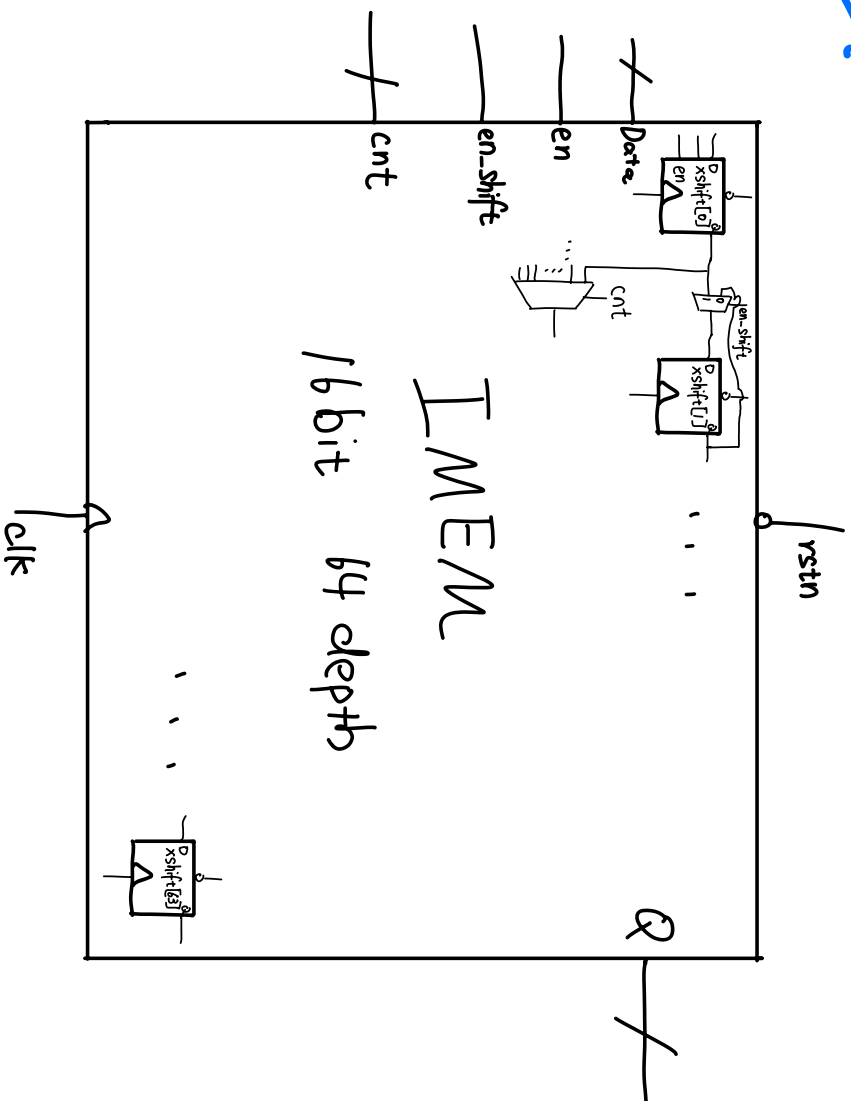
FFFO



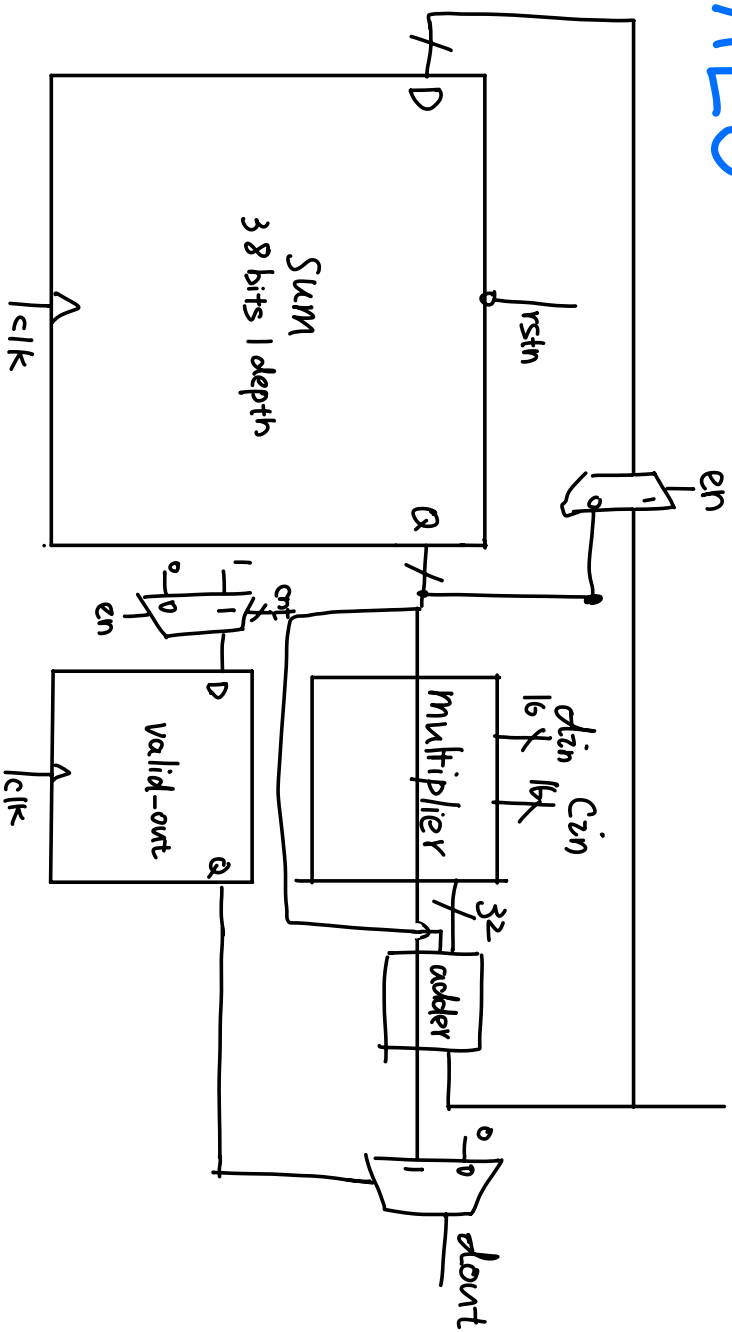
# SRAM



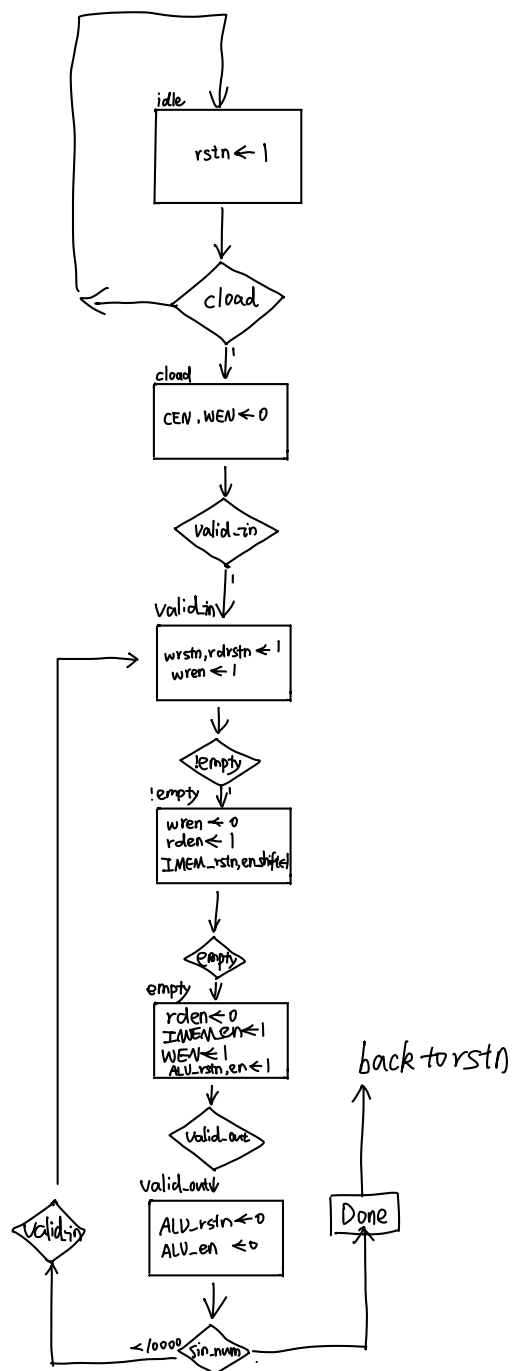
IMEM

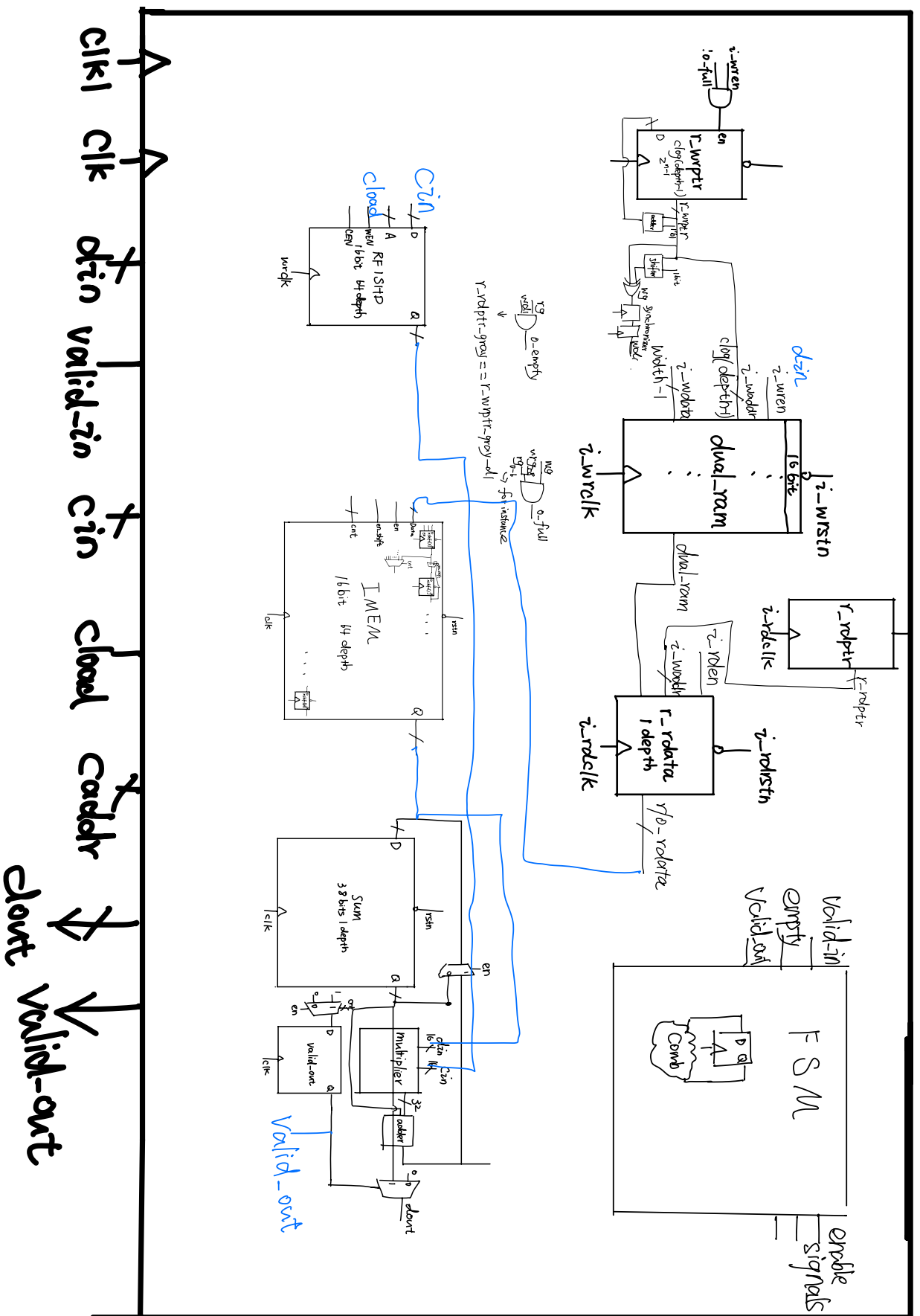


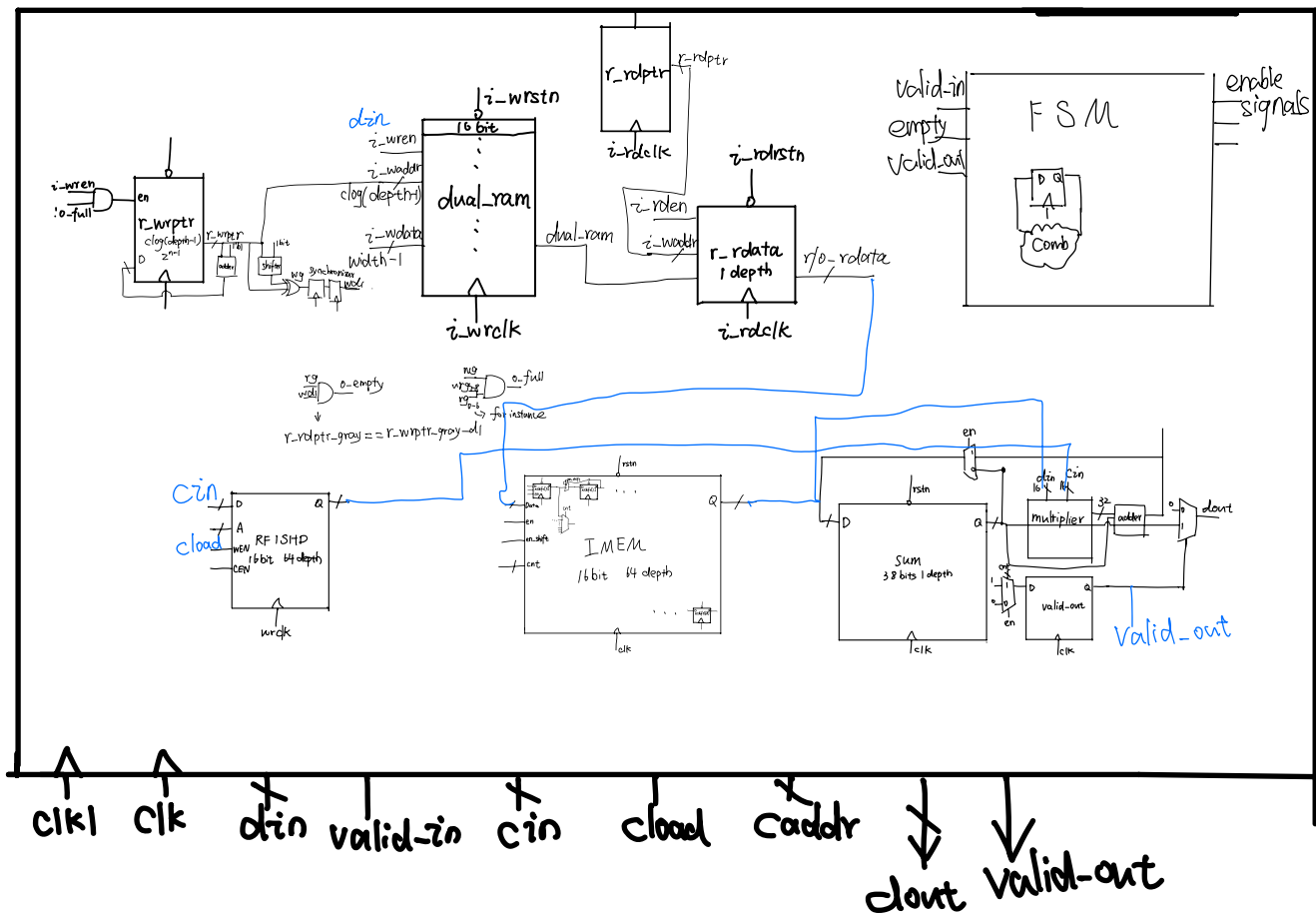
# ALU



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

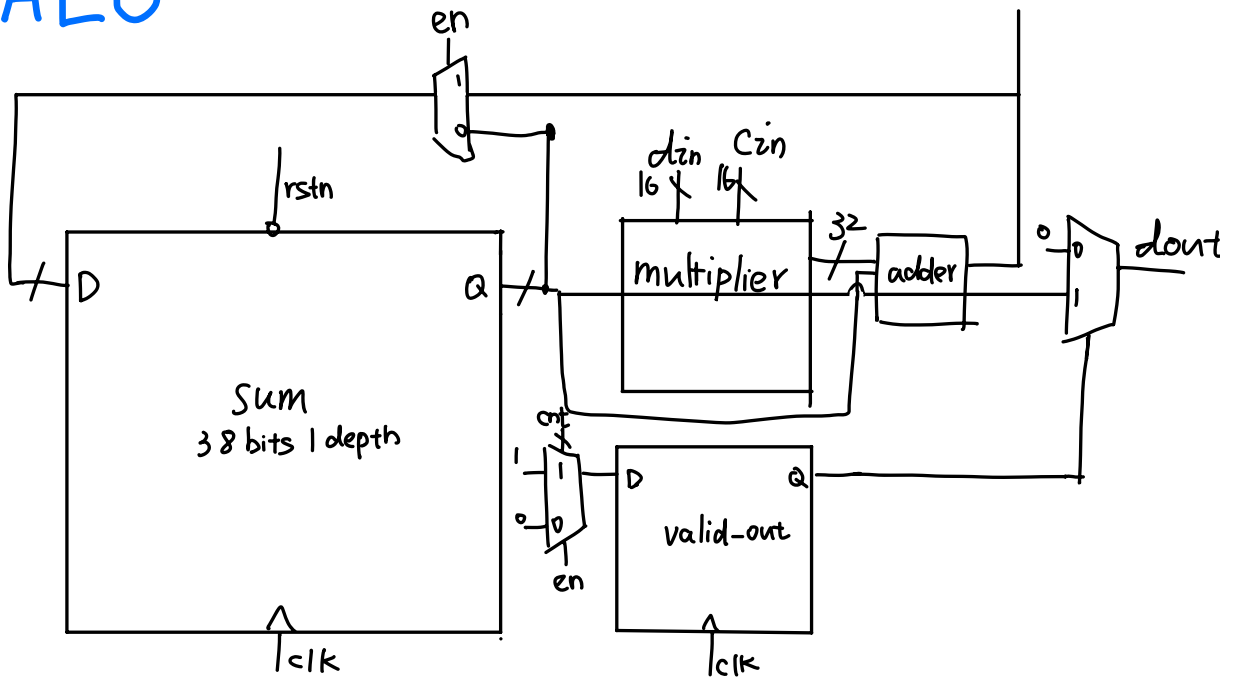




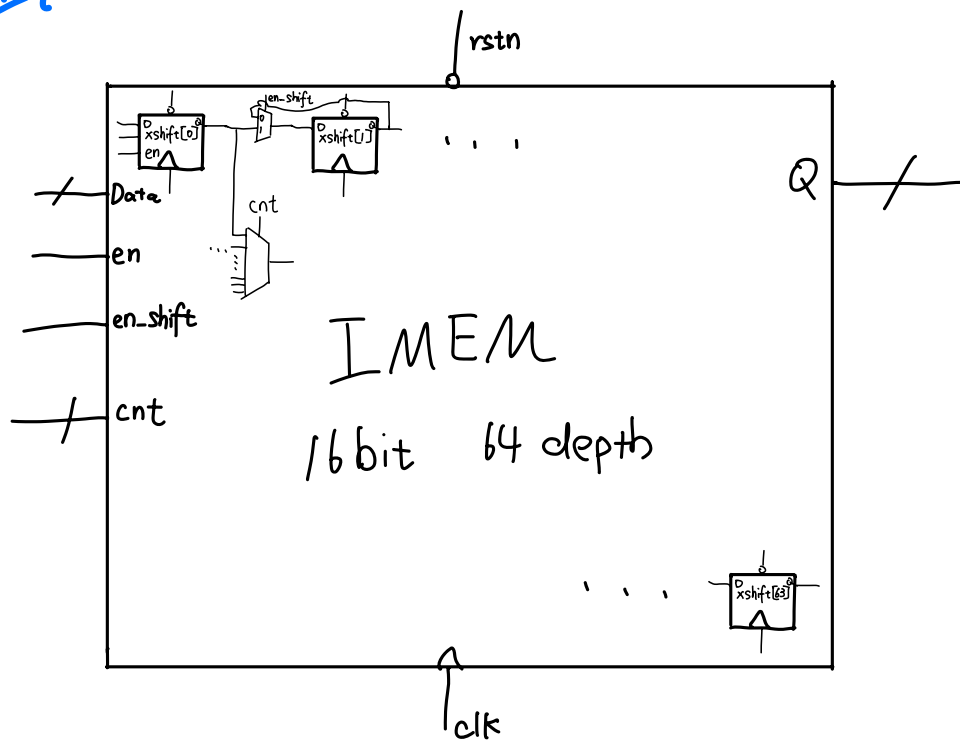




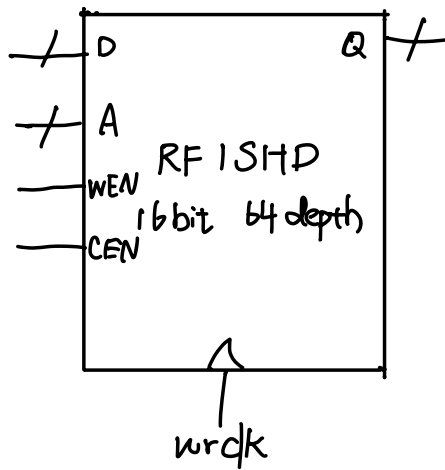
# ALU



# IMEM



# SRAM



D for data input

A for address

CEN	WEN	Operation
0	0	write
0	1	read
1	~	

# FIFO

