

mem_drive	mem_write	address_write	arg3_drive	arg3_write	arg2_drive	arg2_write	arg1_drive	arg1_write	opcode_write	add_drive	op2_write	op1_write	plus1_drive	pc_drive	pc_write	next_state	equal_out	opcode_out	state
		1			1											be2			be1
1												1				be3			be2
		1	1													be4			be3
1											1					be5			be4
																fetch1	0		be5
																be6	1		be5
							1								1	fetch1			be6