Data path example for BZI pc=pc+3

Control signals	Dem ux	Reg Write	ALU-1 st-Src	ALUop	ALU control	Mem Read	Mem Write	Mem2R eg	PC-Input -Mux-Src	PC-Mux-Src
OPTR r0	1	0	-	00001	-	-	-	-	-	1
BZI 3	0	0	1	10001	r0-0	0	0	0	0	0 if r0-0 ==0, 1 if !=

// IF r0==0, pc=pc+3; ELSE pc=pc+1