



Controller

	en-Pc	jump	we-reg	op[2:0]	en-ram	we-ram	WrtSrc	RdSrc	ALUSrc	PcSrc	
R-type	1	0	1	below	0	0	0	1	0	Ø	
I-type	1	0	1	0	0	0	0	1	1	Ø	
Load	1	0	1	Ø	1	0	1	Ø	Ø	Ø	
Store	1	0	0	0	1	1	Ø	0	2	Ø	
Jump	1	1	0	Ø	0	Ø	Ø	Ø	Ø	1	
BEZ	1	Z	0	0	0	Ø	Ø	0	2	0	
BNEZ	1	\overline{Z}	0	0	0	Ø	Ø	0	2	0	

R-type

func	operation
0	ADD
1	SUB
2	AND
3	OR
4	XOR