

Control Unit

	PCSel	RegWrite	ALUSrc1	ALUSrc2	ALUOp	BJSIGN	SizeAndSign	MemWrite	MemRead	WBsel
R-Format										
ADD	0	1	0	0	0	0	0	0	0	0
Subtract	0	1	0	0	1	0	0	0	0	0
AND	0	1	0	0	2	0	0	0	0	0
OR	0	1	0	0	3	0	0	0	0	0
XOR	0	1	0	0	4	0	0	0	0	0
SLL	0	1	0	0	5	0	0	0	0	0
SLT	0	1	0	0	6	0	0	0	0	0
SLT (U)	0	1	0	0	7	0	0	0	0	0
SRL	0	1	0	0	8	0	0	0	0	0
SRA	0	1	0	0	9	0	0	0	0	0
ADD Word	0	1	0	0	10	0	0	0	0	0
Subtract Word	0	1	0	0	11	0	0	0	0	0
SLL Word	0	1	0	0	12	0	0	0	0	0
SRL Word	0	1	0	0	13	0	0	0	0	0
SRA Word	0	1	0	0	14	0	0	0	0	0
I-Format										
ADDI	0	1	0	1	0	0	0	0	0	0
ANDI	0	1	0	1	2	0	0	0	0	0
ORI	0	1	0	1	3	0	0	0	0	0
XORI	0	1	0	1	4	0	0	0	0	0
SLLI	0	1	0	1	5	0	0	0	0	0
SLTI	0	1	0	1	6	0	0	0	0	0
SLTI (U)	0	1	0	1	7	0	0	0	0	0
SRLI	0	1	0	1	8	0	0	0	0	0
SRAI	0	1	0	1	9	0	0	0	0	0