

指令	Adder		PC	IM.Address s	Registers				ALU		DM		Sign- ext	NAdd		Jcp	
	A	B			Reg 1	Reg 2	Wreg	WData	A	B	Addres s	WData		A	B	A	B
add u	P C	4	Adder	PC	Rs	Rt	Rd	ALU	RData1	RData2							
subu	P C	4	Adder	PC	Rs	Rt	Rd	ALU	RData1	RData2							
ori	P C	4	Adder	PC	Rs		Rt	ALU	RData1	Sign-ext			Imm1 6				
lw	P C	4	Adder	PC	Rs		Rt	DM	RData1	Sign-ext	ALU		Imm1 6				
sw	P C	4	Adder	PC	Rs	Rt			RData1	Sign-ext	ALU	RData 2	Imm1 6				
lui	P C	4	Adder	PC			Rt	Sign-ext					Imm1 6				
beq	P C	4	NAdd	PC	Rs	Rt			RData1	RData2			Imm1 6	Adde r	Shift 1		
And	P C	4	Adder	PC	Rs	Rt	Rd	ALU	RData1	RData2							
j			Jcb	PC												PC[31:28]	Shift 2
jal	P C	4	Jcb	PC			\$ra	Adder								PC[31:28]	Shift 2
jalr	P C	4	RData1	PC	Rs		Rd	Adder									
jr			RData1	PC	Rs												
sll	P C	4	Adder	PC		Rt	Rd	ALU	RData2	PC[10:6]							
srl	P C	4	Adder	PC		Rt	Rd	ALU	RData2	PC[10:6]							
slt	P C	4	Adder	PC	Rs	Rt	Rd	ALU	RData1	RData2							
bgez	P C	4	NAdd	PC	Rs	Rt			RData1	RData2			Imm1 6	Adde r	Shift 1		
blez	P C	4	NAdd	PC	Rs	Rt			RData1	RData2			Imm1 6	Adde r	Shift 1		
合并	P C	4	Adder/ NAdd/ RData1/ Jcp	PC	Rs	Rt	Rt/ Rd/ \$ra	ALU/ DM/ Sign-ext/ Adder	RData1 / RData2	RData2/ PC[10:6]/ Sign-ext	ALU	RData 2	Imm1 6	Adde r	Shift 1	PC[31:28]	Shift 2