

Table 1

type			RegWEn	ImmSel	BrUn	ASel	Bsel	ALUSel	MemWEm	WBSeI	PCSeI				
I	0	addi	1	0	X	0	1	0	0	1	0				
	1	andi						7							
	2	ori						6							
	3	xori						4							
I*	4	slli		1			1								
I*	5	srli		5											
I*	6	srai		13											
I	7	slti		2											
R	8	add	1	X	X	0	0	0	0	1	0				
	9	sub						12							
	10	and						7							
	11	or						6							
	12	xor						4							
	13	sll						1							
	14	srl						5							
	15	sra						13							
	16	slt						2							
	17	mul						8							
	18	mulh						9							
	19	mulhu						11							
B	20	beq	0	010	0	1	1	0	0	1	depends				
	21	bge			0										
	22	bgeu			1										
	23	blt			0										
	24	bltu			1										
	25	bne			0										
I	26	lb	1	000	X	0	1	0000	0	1					
	27	lh													
	28	lw													
S	29	sb	0	001					1	0	1	0000	1	0	
	30	sh													
	31	sw													
J	32	jal	1	100		1	1	0000					0	10	
I	33	jalr		000		0	1	0000							
U	34	auipc		011		1	1	0000						1	1
	35	lui				1	1	1111							