

Inst.	Code	Format	Inst.	Code	Format
add	00000	add rd, rs1, (rs2/imm)	lsl	01010	lsl rd, rs1, (rs2/imm)
sub	00001	sub rd, rs1, (rs2/imm)	lsr	01011	lsr rd, rs1, (rs2/imm)
mul	00010	mul rd, rs1, (rs2/imm)	asr	01100	asr rd, rs1, (rs2/imm)
div	00011	div rd, rs1, (rs2/imm)	nop	01101	nop
mod	00100	mod rd, rs1, (rs2/imm)	ld	01110	ld rd, imm[rs1]
cmp	00101	cmp rs1, (rs2/imm)	st	01111	st rd, imm[rs1]
and	00110	and rd, rs1, (rs2/imm)	beq	10000	beq offset
or	00111	or rd, rs1, (rs2/imm)	bgt	10001	bgt offset
not	01000	not rd, (rs2/imm)	b	10010	b offset
mov	01001	mov rd, (rs2/imm)	call	10011	call offset
			ret	10100	ret