

**R-type:**

opcode[15:13] | rd[12:10] | rs1[9:7] | rs2[6:4] | func[3:0]

**I-type:**

opcode[15:13] | rd[12:10] | rs[9:7] | imm[6:0]

**Load/Store:**

Opcode[15:13] | rd/rs[12:10] | addr[9:6] | reserved[5:0]

**Jump:**

Opcode[15:13] | imm[12:5] | reserved[4:0]

**Branch\_Equal\_Zero/BNEQZ**

Opcode[15:13] | rs[12:10] | addr[9:2] | reserved[1:0]

Code	Name
000	R-type
001	I-type
010	Load
011	Store
100	Jump
101	BEZ
110	BNEZ
111	NOP