ADD rd, rs, rt

000000 rs (5) rt (5) rd (5) 00000 100000

SPECIAL

ADDI rt, rs, immediate

001000 rs (5) rt (5) immediate (16)

ADDIU rt, rs, immediate

001001 rs (5) rt (5) immediate (16)

ADDU rd, rs, rt

000000 rs (5) rt (5) rd (5) 00000 100001

SPECIAL

AND rd, rs, rt

000000 rs (5) rt (5) rd (5) 00000 100100

SPECIAL

ANDI rt, rs, immediate

001100 rs (5) rt (5) immediate (16)

DIV rs, rt

000000 rs (5) rt (5) 0000000000 011010

DIVU rs, rt

000000 rs (5) rt (5) 0000000000 011011

MUL rd, rs, rt

011100 rs (5) rt (5) rd (5) 00000 000010

SPECIAL2

MULT rs, rt

000000 rs (5) rt (5) 0000000000 011000

MULTU rs, rt

000000 rs (5) rt (5) 0000000000 011001

NOP

000000 00000 00000 00000 00000 000000

NOR rd, rs, rt

000000 rs (5) rt (5) rd (5) 00000 100111

SPECIAL

OR rd, rs, rt

000000 rs (5) rt (5) rd (5) 00000 100101

SPECIAL

ORI rt, rs, immediate

001101 rs (5) rt (5) immediate (16)

SLL rd, rt, sa

000000 00000 rt (5) rd (5) sa (5) 000000

SLT rd, rs, rt

000000 rs (5) rt (5) rd (5) 00000 101010

SPECIAL

SLTI rt, rs, immediate

001010 rs (5) rt (5) immediate (16)

SLTIU rt, rs, immediate

001011 rs (5) rt (5) immediate (16)

SLTU rd, rs, rt

000000 rs (5) rt (5) rd (5) 00000 101011

SPECIAL

SRA rd, rt, sa

000000 00000 rt (5) rd (5) sa (5) 000011

SRL rd, rt, sa

000000 0000 R0 rt (5) rd (5) sa (5) 000010

SUB rd, rs, rt

000000 rs (5) rt (5) rd (5) 00000 100010

SPECIAL

SUBU rd, rs, rt

000000 rs (5) rt (5) rd (5) 00000 100011

SPECIAL

SYSCALL

000000 code (20) 001100

XOR rd, rs, rt

000000 rs (5) rt (5) rd (5) 00000 100110

SPECIAL

XORI rt, rs, immediate

001110 rs(5) rt (5) immediate (16)