

Code	Meaning	Dependency	Dependent codes
ADDIU	Add immediate unsigned (no overflow)	Independent	
ADDU	Add unsigned (no overflow)	Dependency 1	ADDIU
AND	Bitwise and	Dependency 1	ADDIU
ANDI	Bitwise and immediate	Dependency 1	ADDIU
BEQ	Branch on equal	Dependency 2	SLL, ADDIU, ADDU
BGEZ	Branch on greater than or equal to zero	Dependency 2	ADDU, ADDIU
BGEZAL	Branch on non-negative ( $\geq 0$ ) and link	Dependency 2	ADDU, ADDIU
BGTZ	Branch on greater than zero	Dependency 2	ADDU, ADDIU
BLEZ	Branch on less than or equal to zero	Dependency 2	ADDU, ADDIU
BLTZ	Branch on less than zero	Dependency 2	ADDU, ADDIU
BLTZAL	Branch on less than zero and link	Dependency 2	ADDU, ADDIU
BNE	Branch on not equal	Dependency 1	ADDIU
DIV	Divide	Dependency 2	MFLO, MFHI, ADDIU
DVIU	Divide unsigned	Dependency 2	MFLO, MFHI, ADDIU
J	Jump	Dependency 1	ADDIU
JALR	Jump and link register	Dependency 1	ADDIU
JAL	Jump and link	Dependency 1	ADDIU
JR	Jump register	Dependency 2	SLL, ADDIU
LB	Load byte	Dependency 1	ADDIU
LBU	Load byte unsigned	Dependency 1	ADDIU
LH	Load half-word	Dependency 1	ADDIU
LHU	Load half-word unsigned	Dependency 1	ADDIU
LUI	Load upper immediate	Independent	
LW	Load word	Independent	
LWL	Load word left	Independent	
LWR	Load word right	Independent	
MTHI	Move to HI	Dependency 2	MFHI, ADDIU
MTLO	Move to LO	Dependency 2	MFLO, ADDIU
MULT	Multiply	Dependency 2	MFHI, MFLO, ADDIU
MULTU	Multiply unsigned	Dependency 2	MFHI, MFLO, ADDIU
OR	Bitwise or	Dependency 1	ADDIU
ORI	Bitwise or immediate	Dependency 1	ADDIU
SB	Store byte	Dependency 2	LW, ADDIU

SH	Store half-word	Dependency 1	ADDIU
SLL	Shift left logical	Dependency 1	ADDIU
SLLV	Shift left logical variable	Dependency 1	ADDIU
SLT	Set on less than (signed)	Dependency 1	ADDIU
SLTI	Set on less than immediate (signed)	Independent	
SLTIU	Set on less than immediate unsigned	Independent	
SLTU	Set on less than unsigned	Dependency 1	ADDIU
SRA	Shift right arithmetic	Dependency 1	ADDIU
SRAV	Shift right arithmetic	Dependency 1	ADDIU
SRL	Shift right logical	Dependency 1	ADDIU
SRLV	Shift right logical variable	Dependency 1	ADDIU
SUBU	Subtract unsigned	Dependency 1	ADDIU
SW	Store word	Dependency 1	ADDIU
XOR	Bitwise exclusive or	Dependency 1	ADDIU
XORI	Bitwise exclusive or immediate	Dependency 1	ADDIU
FHI	Move from HI	Dependency 2	SLL, MULT, ADDIU
FLO	Move from LO	Dependency 2	SLL, MULT, ADDIU