Semnale de control MIPS32

Semnale de Branch opționale: ? ε {gez, ne, gtz}, se va înlocui ? cu o valoare din paranteză, dacă e cazul Tipuri de operații care se pun în paranteză la ALUOp si ALUCtrl:

(+), (-), (&), (|), (^), (<</), (<</v), (>>/), (>>a), (<)

Semnificații: & - AND, | - OR, ^ - XOR, I - logic, a - aritmetic, v - cu variabilă

Instruc țiune	Opcode Instr[31-26]	Reg Dst	ExtOp	ALUSrc	Branch	OnGre aterTh	Branch OnGre aterTh anOrEq ualToZ ero	Jump	Mem Write	Memto Reg	Reg Write	ALUOp[5:0]	function Instr[5-0]	ALUCtrl[5:0]
add	000000	1	0	0	0	0	0	0	0	0	1	000000	100000	100000
sub	000000	1	0	0	0	0	0	0	0	0	1	000000	100010	100010
sll	000000	1	0	0	0	0	0	0	0	0	1	000000	000000	000000
srl	000000	1	0	0	0	0	0	0	0	0	1	000000	000010	000010
and	000000	1	0	0	0	0	0	0	0	0	1	000000	100100	100100
or	000000	1	0	0	0	0	0	0	0	0	1	000000	100101	100101
xor	000000	1	0	0	0	0	0	0	0	0	1	000000	100110	100110
sra	000000	1	0	0	0	0	0	0	0	0	1	000000	000011	000011
addi	001000	0	1	1	0	0	0	0	0	0	1	100000		100000
lw	100011	0	1	1	0	0	0	0	0	1	1	100000		100000
SW	101011	0	1	1	0	0	0	0	1	0	0	100000		100000
beq	000100	0	1	0	1	0	0	0	0	0	0	100010		100010
bgtz	000111	0	1	0	0	1	0	0	0	0	0	100010		100010
bgez	000001	0	1	0	0	0	1	0	0	0	0	100010		100010
j	000010	0	0	0	0	0	0	1	0	0	0	000000		000000