Semnale de control MIPS32

Semnale de Branch opționale: ? e {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

000000 000000	1	Χ			Br_ne	Jump	Write	Memto Reg	Reg Write	ALUOp[1:0]	function Instr[5-0]	ALUCtrl[2:0]
		^	0	0	0	0	0	0	1	10	100000	000(+)
	1	Χ	0	0	0	0	0	0	1	10	100010	100(-)
000000	1	Χ	0	0	0	0	0	0	1	10	000000	011(<<)
000000	1	Х	0	0	0	0	0	0	1	10	000010	101(>>)
000000	1	Χ	0	0	0	0	0	0	1	10	100100	001(&)
000000	1	Х	0	0	0	0	0	0	1	10	100101	010()
000000	1	Χ	0	0	0	0	0	0	1	10	000011	110(>>a)
000000	1	Х	0	0	0	0	0	0	1	10	100110	111(<mark>^</mark>)
001000	0	1	1	0	0	0	0	0	1	00(+)	XXXXXX	000(+)
100011	0	1	1	0	0	0	0	1	1	00(+)	XXXXXX	000(+)
101011	Χ	1	1	0	0	0	1	Х	0	00(+)	XXXXXX	000(+)
000100	Χ	1	0	1	0	0	0	Х	0	01(-)	XXXXXX	100(-)
001101	0	0	1	0	0	0	0	0	1	11()	XXXXXX	010()
000101	Χ	1	0	0	1	0	0	Х	0	01(-)	XXXXXX	100(-)
000010	Х	Х	Χ	0	0	1	0	Х	0	XX	XXXXXX	XX
	000000 000000 000000 000000 001000 100011 101011 000100 001101 000101	000000 1 000000 1 000000 1 000000 1 001000 0 100011 0 101011 X 001101 0 000101 X	000000 1 X 000000 1 X 000000 1 X 000000 1 X 001000 0 1 100011 0 1 101011 X 1 001000 X 1 001101 0 0 000101 X 1	000000 1 X 0 000000 1 X 0 000000 1 X 0 000000 1 X 0 001000 1 X 0 001001 0 1 1 101011 X 1 1 001000 X 1 0 001101 0 0 1 000101 X 1 0 000101 X 1 0	000000 1 X 0 0 001000 0 1 1 0 100011 0 1 1 0 101011 X 1 1 0 000100 X 1 0 1 001101 0 0 1 0 000101 X 1 0 0	000000 1 X 0 0 0 001000 0 1 1 0 0 100011 0 1 1 0 0 101011 X 1 1 0 0 000100 X 1 0 1 0 001101 0 0 1 0 0 000101 X 1 0 0 1	000000 1 X 0 0 0 0 001000 0 1 1 0 0 0 100011 0 1 1 0 0 0 101011 X 1 1 0 0 0 000100 X 1 0 1 0 0 001101 0 0 1 0 0 0 000101 X 1 0 0 1 0	000000 1 X 0 0 0 0 0 001000 0 1 1 0 0 0 0 100011 0 1 1 0 0 0 0 101011 X 1 1 0 0 0 0 001101 0 0 1 0 0 0 0 000101 X 1 0 0 0 0 0	000000 1 X 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td>000000 1 X 0 0 0 0 0 0 1 000000 1 X 0 0 0 0 0 0 1 000000 1 X 0 0 0 0 0 0 1 000000 1 X 0 0 0 0 0 0 1 001000 0 1 1 0 0 0 0 0 1 100011 0 1 1 0 0 0 0 1 1 1000100 X 1 1 0 0 0 0 1 1 1000100 X 1 0 0 0 0 X 0 000100 X 1 0 0 0 0 X 0 000101 X 1 0 0 0 0</td> <td>000000 1 X 0 0 0 0 0 1 10 000000 1 X 0 0 0 0 0 1 10 000000 1 X 0 0 0 0 0 1 10 000000 1 X 0 0 0 0 0 1 10 000000 1 X 0 0 0 0 0 1 10 001000 0 1 1 0 0 0 0 1 1 00(+) 10011 X 1 1 0 0 0 0 1 1 00(+) 100101 X 1 0 1 0 0 0 0 1 11() 001101 0 0 1 0 0 0 0 0 0 0 0 0<td>000000 1 X 0 0 0 0 0 1 10 000010 000000 1 X 0 0 0 0 0 1 10 100100 000000 1 X 0 0 0 0 0 1 10 100101 000000 1 X 0 0 0 0 0 1 10 000011 001000 1 X 0 0 0 0 0 1 10 100110 001000 0 1 1 0 0 0 0 1 100(+) XXXXXXX 10011 0 1 1 0 0 0 0 1 1 00(+) XXXXXXX 10011 X 1 0 0 0 0 1 1 00(+) XXXXXXX 001010 X 1 0</td></td>	000000 1 X 0 0 0 0 0 0 1 000000 1 X 0 0 0 0 0 0 1 000000 1 X 0 0 0 0 0 0 1 000000 1 X 0 0 0 0 0 0 1 001000 0 1 1 0 0 0 0 0 1 100011 0 1 1 0 0 0 0 1 1 1000100 X 1 1 0 0 0 0 1 1 1000100 X 1 0 0 0 0 X 0 000100 X 1 0 0 0 0 X 0 000101 X 1 0 0 0 0	000000 1 X 0 0 0 0 0 1 10 000000 1 X 0 0 0 0 0 1 10 000000 1 X 0 0 0 0 0 1 10 000000 1 X 0 0 0 0 0 1 10 000000 1 X 0 0 0 0 0 1 10 001000 0 1 1 0 0 0 0 1 1 00(+) 10011 X 1 1 0 0 0 0 1 1 00(+) 100101 X 1 0 1 0 0 0 0 1 11() 001101 0 0 1 0 0 0 0 0 0 0 0 0 <td>000000 1 X 0 0 0 0 0 1 10 000010 000000 1 X 0 0 0 0 0 1 10 100100 000000 1 X 0 0 0 0 0 1 10 100101 000000 1 X 0 0 0 0 0 1 10 000011 001000 1 X 0 0 0 0 0 1 10 100110 001000 0 1 1 0 0 0 0 1 100(+) XXXXXXX 10011 0 1 1 0 0 0 0 1 1 00(+) XXXXXXX 10011 X 1 0 0 0 0 1 1 00(+) XXXXXXX 001010 X 1 0</td>	000000 1 X 0 0 0 0 0 1 10 000010 000000 1 X 0 0 0 0 0 1 10 100100 000000 1 X 0 0 0 0 0 1 10 100101 000000 1 X 0 0 0 0 0 1 10 000011 001000 1 X 0 0 0 0 0 1 10 100110 001000 0 1 1 0 0 0 0 1 100(+) XXXXXXX 10011 0 1 1 0 0 0 0 1 1 00(+) XXXXXXX 10011 X 1 0 0 0 0 1 1 00(+) XXXXXXX 001010 X 1 0

URL: https://drive.google.com/file/d/1SI7x2Gp 2m3SEkwnXuGt4ns4voYzpGBH/view?usp=sharing