Sheet1

\PH* \PL*	PH currInt<<2 PL currInt<<2											
\decode	(int != currInt) & (dIn[7:5] != 011) & !useK & !skip ? CurrInt = int, >>> unfetch (dIn[7:5] == 011) & !skip ? >>> test (dIn[7:5] == 011) & skip ? Skip = 0, >>> fetch (dIn[6:5] != 11) & skip & (dIn[3:0] == 1111) ? >>> skip2 (dIn[6:5] != 11) & skip & ((dIn[1:0] == 11) (din[3:2] == 11)) ? >>>> skip1 (dIn[6:5] != 11) & !skip & (dIn[3:0] == 1111) ? >>>> mathZZ (dIn[6:5] != 11) & !skip & (dIn[1:0] == 11) ? >>>> mathZZ (dIn[6:5] != 11) & !skip & (dIn[3:2] == 11) ? >>>> mathZR (dIn[7:5] == 111) & (dIn[3:2] == 11) & !skip ? >>>> jump (dIn[7:1] == 1110110) & skip ? >>>> skip2 (dIn[7:2] == 111111) & skip ? Skip = 0, >>>> fetch (dIn[7:5] == 111) & skip & ((dIn[3:2] != 11) & dIn[1:0] == 11)) ? >>>> skip2 (dIn[7:5] == 111) & skip & ((dIn[3:2] != 11) & dIn[1:0] != 11)) ? >>>> skip1 (dIn[7:5] == 111) & !skip & ((dIn[3:2] != 11) & dIn[1:0] == 11)) ? >>>> mathZI (dIn[7:5] == 111) & !skip & ((dIn[3:2] != 11) & dIn[1:0] == 11)) ? >>>> mathZI (dIn[7:5] == 111) & !skip & ((dIn[3:2] != 11) & dIn[1:0] != 11)) ? >>>> mathZI (dIn[7:5] == 111) & !skip & ((dIn[3:2] != 11) & dIn[1:0] != 11)) ? >>>> mathZI											
label	rA	rB	rW	dIn	dOut	wMe	m aSel	bSel	logSel	Cin s	A7 A7	sA0 A0
fetch fetchII fetchI	PH x x	* PL* PH* x	PL* PH* No		? ? ?		0 0 0	0 B 0 B 0 B	B B B	1 1 0	0 x 0 x 0 x	0 x 0 x 0 x
unfetch	PH	* PL*	PL*	?	?		0	-2 B	В	1	0 x	0 x
skip2 skip1		* PL* * PL*			?		0 0	0 B 0 B	B B	1 1	0 x 0 x	0 x 0 x
test	K	K	K	?	?		0	0 B	^	cnd	0 x	0 x

Sheet1

wIR wFL

- 0 0 C ? >>> fetchII : fetchI
- 1 0>>>> decode
- 1 0>>>> decode
- 0 0 >>>> fetch
- 0 0>>>> skip1
- 0 0 skip = 0, >>> fetch
- 0 0 useK = IR[4], skip = cnd & !IR[4], >>>> fetch