

	C0	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13
ld [r1] → r3	F	Di	I	RR	X	M1	M2	W	C					
mult r3*r2 → r4	F	Di				I	RR	X	X1	X2	W	C		
add r2+r5 → r4		F	Di	I	RR	X	W					C		
or r4^r6 → r7		F	Di		I	RR	X	W					C	
sub r7-3 → r8			F	Di		I	RR	X	W				C	
ld [r9] → r7			F	Di	I	RR	X	M1	M2	W				C
Ready Table														
p1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
p2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	F	F	F
p3	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	F	F
p4	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	F	F
p5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
p6	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
p7	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
p8	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
p9	YES	YES	YES	YES	YES	YES	YES	YES	F	F	F	F	F	F
p10	NO	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
p11	NO	NO	NO	NO	NO	NO	NO	YES	YES	YES	YES	F	F	F
p12	F	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
p13	F	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	F
p14	F	F	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES
p15	F	F	NO	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES

C1	Instruction	src1	R	src2	R	dst	Bday		Map Table			ROB		
	ld	p8	Y	N	Y	p10	0		r1	p8		ld	p9	
	mult	p10	N	p7	Y	p11	0		r2	p7		mult	p2	
									r3	p10				
									r4	p11				
									r5	p5				
									r6	p1				
									r7	p4				
									r8	p3				
									r9	p6				

C2	Instruction	src1	R	src2	R	dst	Bday		Map Table			ROB		
									r1	p8		ld	p9	
	mult	p10	N	p7	Y	p11	0		r2	p7		mult	p2	
	add	p7	Y	p5	Y	p12	1		r3	p10		add	p11	
	or	p12	N	p1	Y	p13	1		r4	p12		or	p4	
									r5	p5				
									r6	p1				
									r7	p13				
									r8	p3				
									r9	p6				

C3	Instruction	src1	R	src2	R	dst	Bday		Map Table			ROB		
									r1	p8		ld	p9	

	mult	p10	N	p7	Y	p11	0		r2	p7		mult	p2	
									r3	p10		add	p11	
	or	p12	Y	p1	Y	p13	1		r4	p11		or	p4	
	sub	p13	N	N	Y	p14	2		r5	p5		sub	p3	
	ld	p6	Y	N	Y	p15	2		r6	p1		ld	p13	
									r7	p15				
									r8	p14				
									r9	p6				

C4	Instruction	src1	R	src2	R	dst	Bday					ROB		
												ld	p9	
	mult	p10	Y	p7	Y	p11	0					mult	p2	
												add	p11	
												or	p4	
	sub	p13	Y	N	Y	p14	2					sub	p3	
												ld	p13	

C5	Instruction	src1	R	src2	R	dst	Bday							
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C6												ROB		
												ld	p9	
												mult	p2	
												add	p11	DONE
												or	p4	
												sub	p3	
												ld	p13	

C7												ROB		
												ld	p9	DONE
												mult	p2	
												add	p11	DONE
												or	p4	DONE
												sub	p3	
												ld	p13	

C8												ROB		
												mult	p2	
												add	p11	DONE
												or	p4	DONE
												sub	p3	DONE
												ld	p13	

C9												ROB		
												mult	p2	
												add	p11	DONE
												or	p4	DONE
												sub	p3	DONE
												ld	p15	DONE

