

Operations				128	64	32	16	8	4	2	1	
Immediate	imm			0	0							
Calculate	calc			0	1							
Copy	cpy			1	0							
Condition	cond			1	1							
Register 0 in	r0					0	0	0				
Register 1 in	r1i					0	0	1				
Register 2 in	r2i					0	1	0				
Register 3 in	r3i					0	1	1				
Register 4 in	r4i					1	0	0				
Register 5 in	r5i					1	0	1				
Input	in					1	1	0				
Unused						1	1	1				
Register 0 out	r0o								0	0	0	
Register 1 out	r1o								0	0	1	
Register 2 out	r2o								0	1	0	
Register 3 out	r3o								0	1	1	
Register 4 out	r4o								1	0	0	
Register 5 out	r5o								1	0	1	
Output	out								1	1	0	
Unused									1	1	1	
Or	or								0	0	0	
Nand	nand								0	0	1	
Nor	nor								0	1	0	
And	and								0	1	1	
Add	add								1	0	0	
Sub	sub								1	0	1	
Unused									1	1	0	
Unused									1	1	1	
Never	never								0	0	0	
Equal to 0	jeq								0	0	1	
Less than 0	jlt								0	1	0	
Less than or Equal to 0	jle								0	1	1	
Always	jmp								1	0	0	
Not Equal to 0	jne								1	0	1	
Greater than or Equal to 0	jge								1	1	0	
Greater than 0	jgt								1	1	1	
Instruction Layouts												
Copy		128	64	32	16	8	4	2	1			



