

t	ALU reservation station								
	global			Operand 1			Operand 2		
	op	tag	full	tag	valid	data	tag	valid	data
0									
1									
2									
3									
4									
5									
6									

t	Register File								
	R1			R2			R3		
	op	Tag	full	tag	valid	data	tag	valid	data
0									
1									
2									
3									
4									
5									
6									

t	Reorder Buffer								
	global		Entry0			Entry1			
	ROB.head	ROB.tail	valid	data	dest	valid	data	dest	
0									
1									
2									
3									
4									
5									
6									

t	Common Data Bus				
	Requesting unit	Acknowledged unit	tag	valid	Data
0					
1					
2					
3					
4					
5					
6					