Signal	Cycle 1	Cycle 2	Cycle 3	Cycle 4	Cycle 5	Cycle 6	Cycle 7
Clock							
IF/ID.PCInc		PC + 4	PC + 8				
IF/ID.Instruction		8C2A0014	00435822				
ID/EX.PCInc			PC + 4	PC + 8			
ID/EX.Read1			$1	$2			
ID/EX.Read2			$10	$3			
ID/EX.SignEx			00000014	00005822			
ID/EX.Write			10	11			
EX/MEM.Target				Branch1	Branch2		
EX/MEM.Zero				?	?		
EX/MEM.ALUOut				$1+00000014	$2 - $3		
EX/MEM.Read2				$10	$3		
EX/MEM.Write				10	11		
MEM/WB.Read					MEM[A1]	MEM[A2]	
MEM/WB.ALUOut					$1+00000014	$2 - $3	
MEM/WB.Write					10	11	
$10						Result	
$11							$2 - $3

Branch1 = PC+4+00000050   Branch2 = PC+8+00016088

A1 = $1 + 00000014   A2 = $2 - $3

Result = MEM[$1 + 00000014]