

Quiz 2 Solution

Clock Cycle

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Instruction Status				Issue	Read Operands	Execution Complete	Write Result
Instruction	j	k					
LD	F2	0+	R1	1	2	4	5
ADDD	F6	F2	F4	2	6	10	11
MULTD	F8	F6	F0	3	12	22	23
LD	F10	8+	R1	6	7	9	10
ADDD	F12	F10	F4	12	13	18	19
MULTD	F14	F12	F0	13	20	30	31
ADDD	F12	F8	F12	20	24	29	30