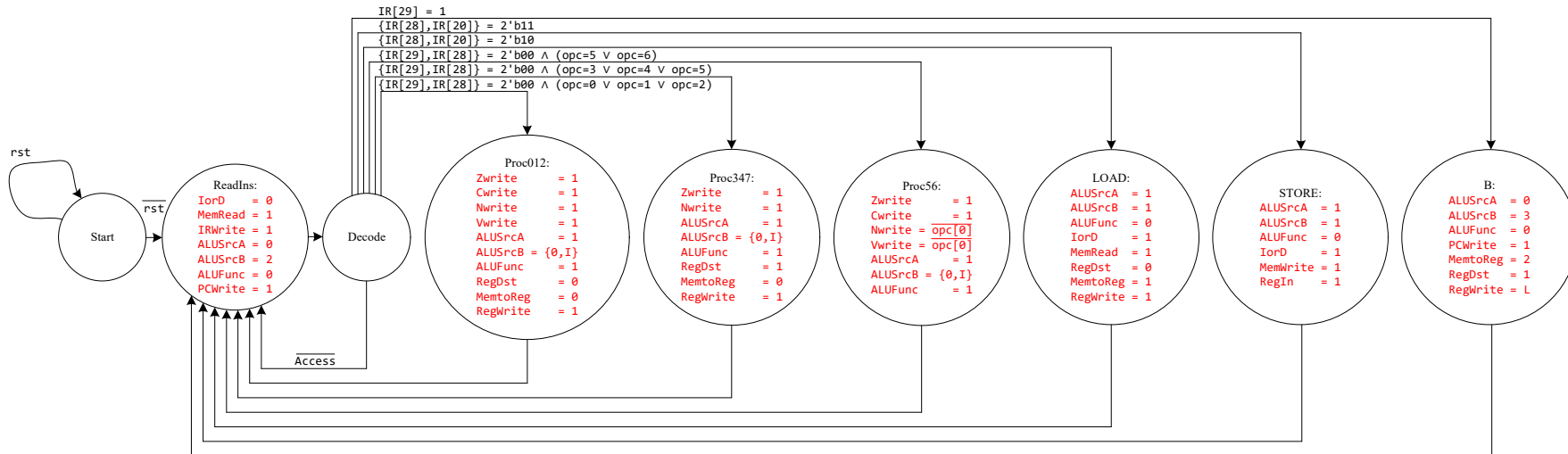


Controller

*Red texts: Control Signal
*Green Texts: Wires in DataPath (Code)



Datpath

ALU

ALUFunc	Func
000	A+B
001	A-B
010	A-B
011	A AND B
100	-B
111	B

