

Figura 1 - Datapath single-cycle

ALUOp <sub>1:0</sub>	Funct <sub>5:0</sub>	ALUControl <sub>2:0</sub>
00	XXXXXX	010 (Add)
01	XXXXXX	110 (Subtract)
10	100000 (add)	010 (Add)
10	100010 (sub)	110 (Subtract)
10	100100 (and)	000 (And)
10	100101 (or)	001 (Or)
10	101010 (slt)	111 (Slit)

Tabela II - Descodificador da ALU

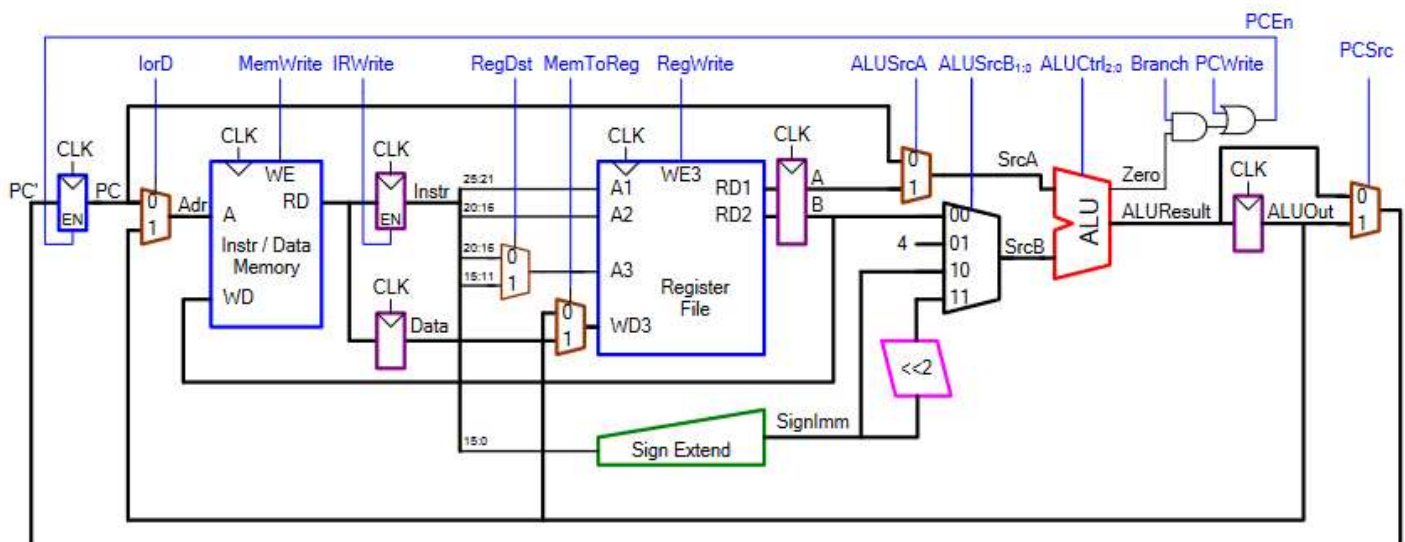


Figura 2 - Datapath multicyle