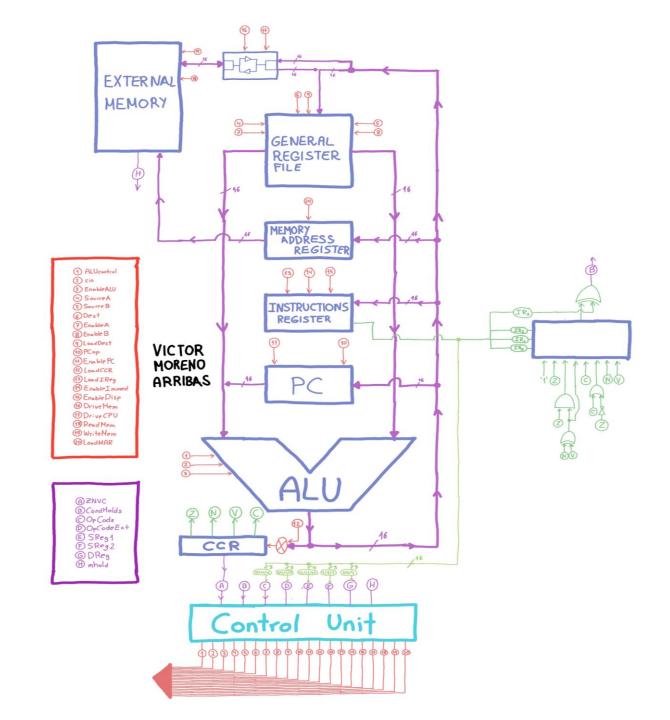


CPU signals

States diagram

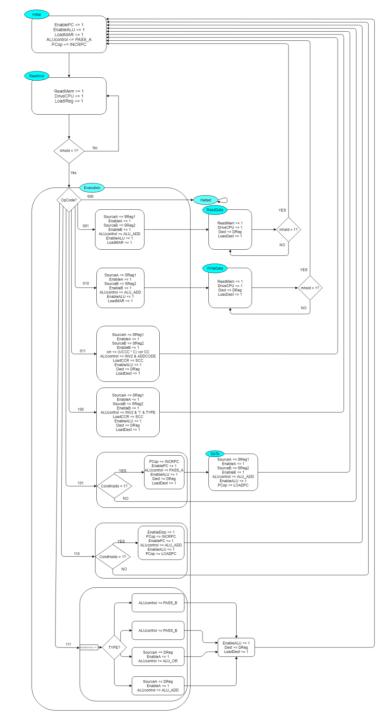
States decoder



CPU signals

States diagram

States decoder



CPU signals

States diagram

States decoder

Truth table

la	В	\mathcal{C}	States
0	0	0	Initial
0	0	1	ReadInst
0	1	0	Execution
0	1	1	ReadData
1	0	0	WriteData
1	0	1	G _o T _o
1	1	0	Halted
1	1	1	Error

Minterm Equations

Initial = A·B·C

Readlast = A·B·C

Execution = A·B·C

ReadData = A·B·C

WriteData = A·B·C

GoTo = A·B·C

Halted = A·B·C

Error = A·B·C

