

System States:

	MODULES	EXECUTION MODE	MEMORY MODE
1	Latch	Active	Inactive
2	Program Counter	Active	Reset/Initial value
3	UART Memory Interface	Inactive	Active
4	Receiver	Inactive	Active
5	Ascii to Binary converter	Inactive	Active
6	Decoder/Demux	Active	Inactive
7	Delay Counter	Active	Inactive
8	Servo Interface	Active	Inactive
9	Decode	Active	Inactive
10	Instruction Memory	Read	Write