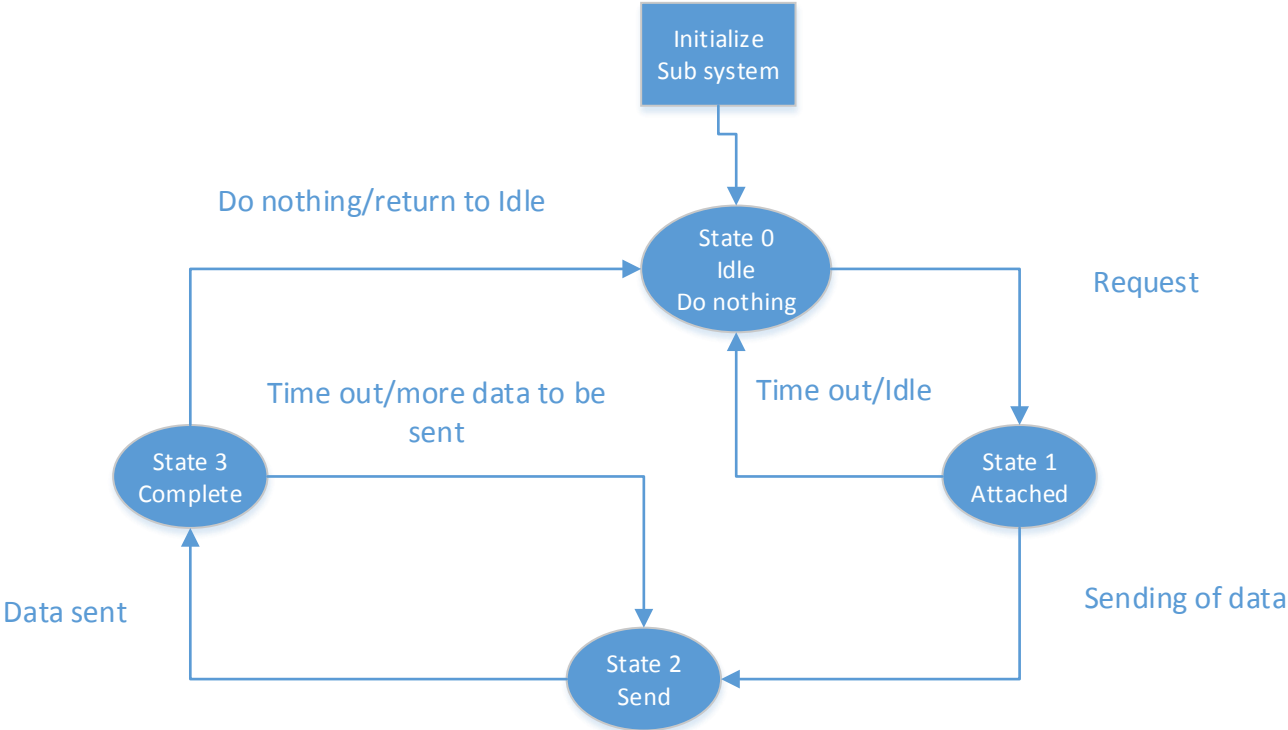


SPI State Diagram



Function	Action	Trigger
<code>spi_data.index=0</code> <code>spi_data.len=0</code> <code>spi_data.state=Idle</code> <code>int spi_run_state</code>	Initialize the SPI	Start of program
<code>case Attached</code>	Run case, sets state of SPI	After initialization
<code>case Send:</code>	Checks for timer delay and delays the SPI	Attached case
<code>case Complete:</code>	If index is 0 go to case Complete, if <code>len</code> is 0 go to case complete	Send Case
<code>ISR(ADC_vect)</code>	Do nothing	Complete case, Send case
	Analog to digital conversion interrupt service routine	The overflow interrupt from main function