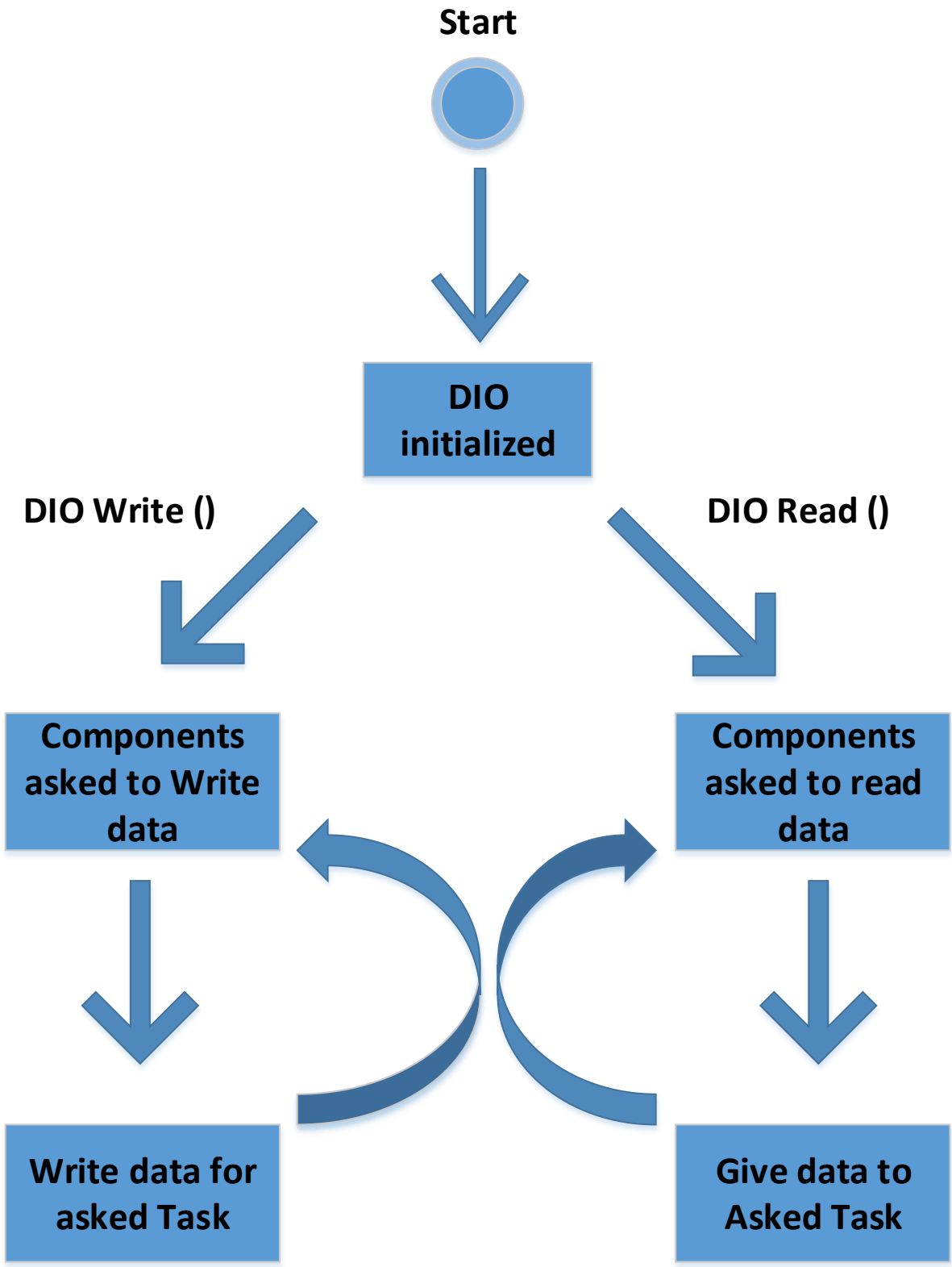
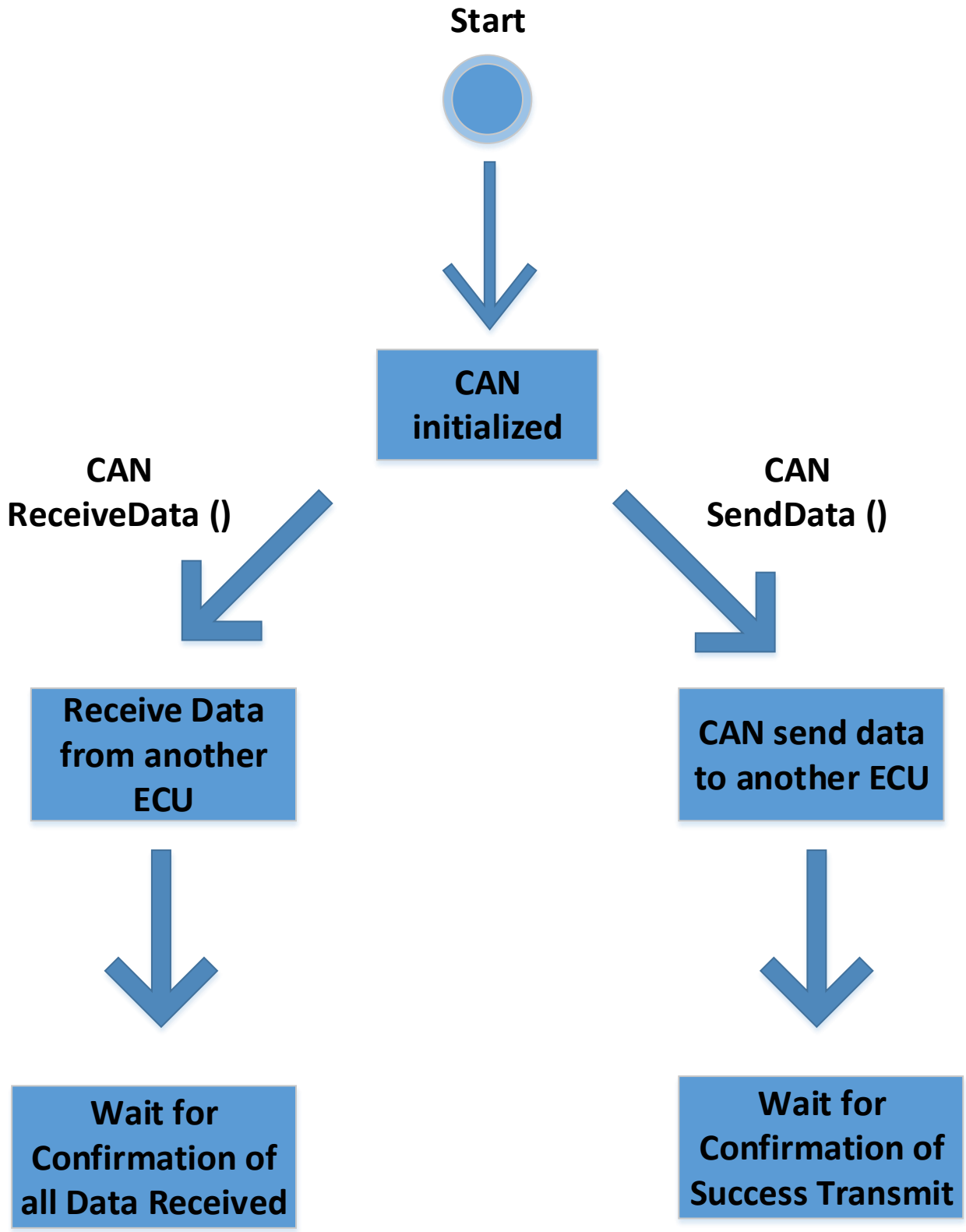
ECU1 Components
State Diagram

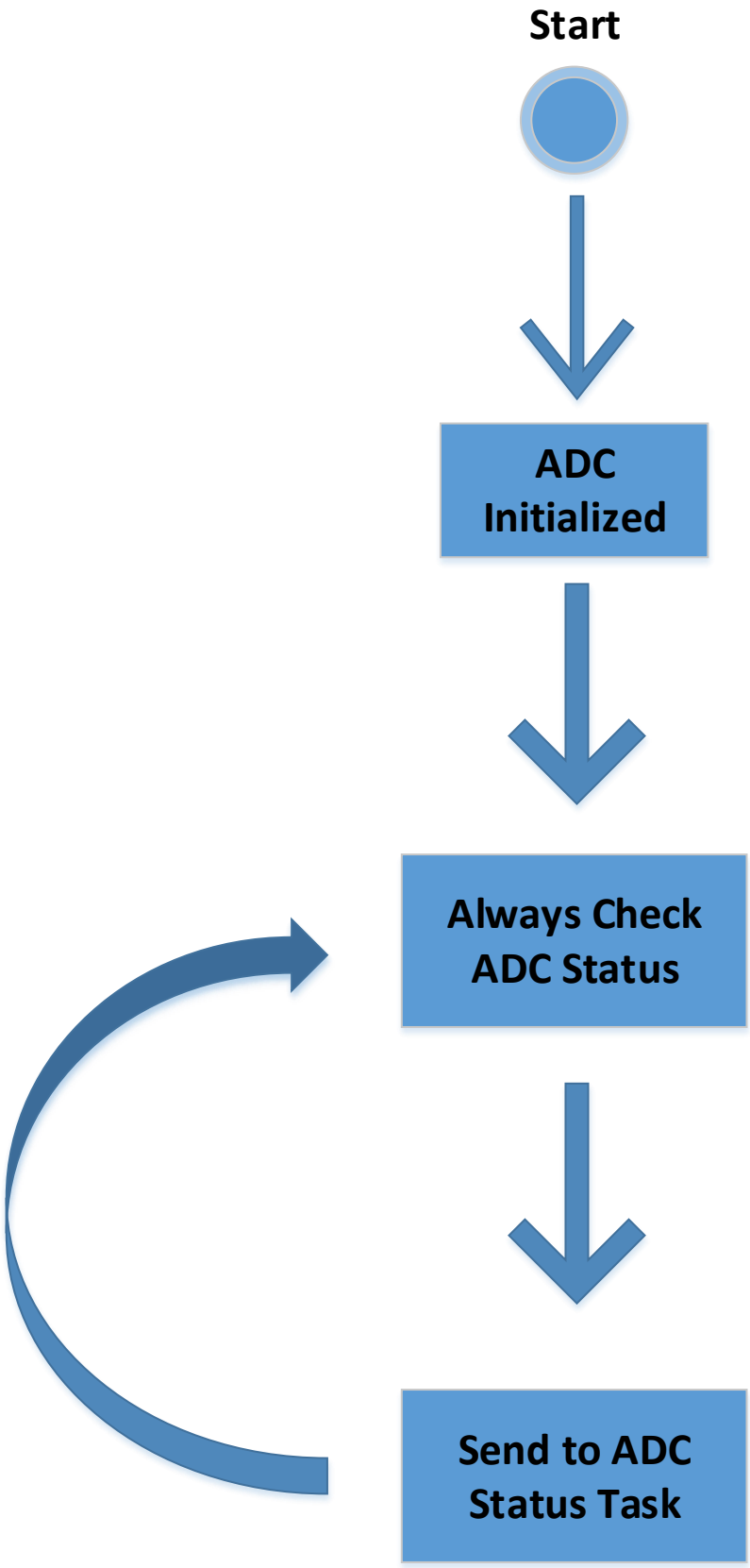
1 – DIO:



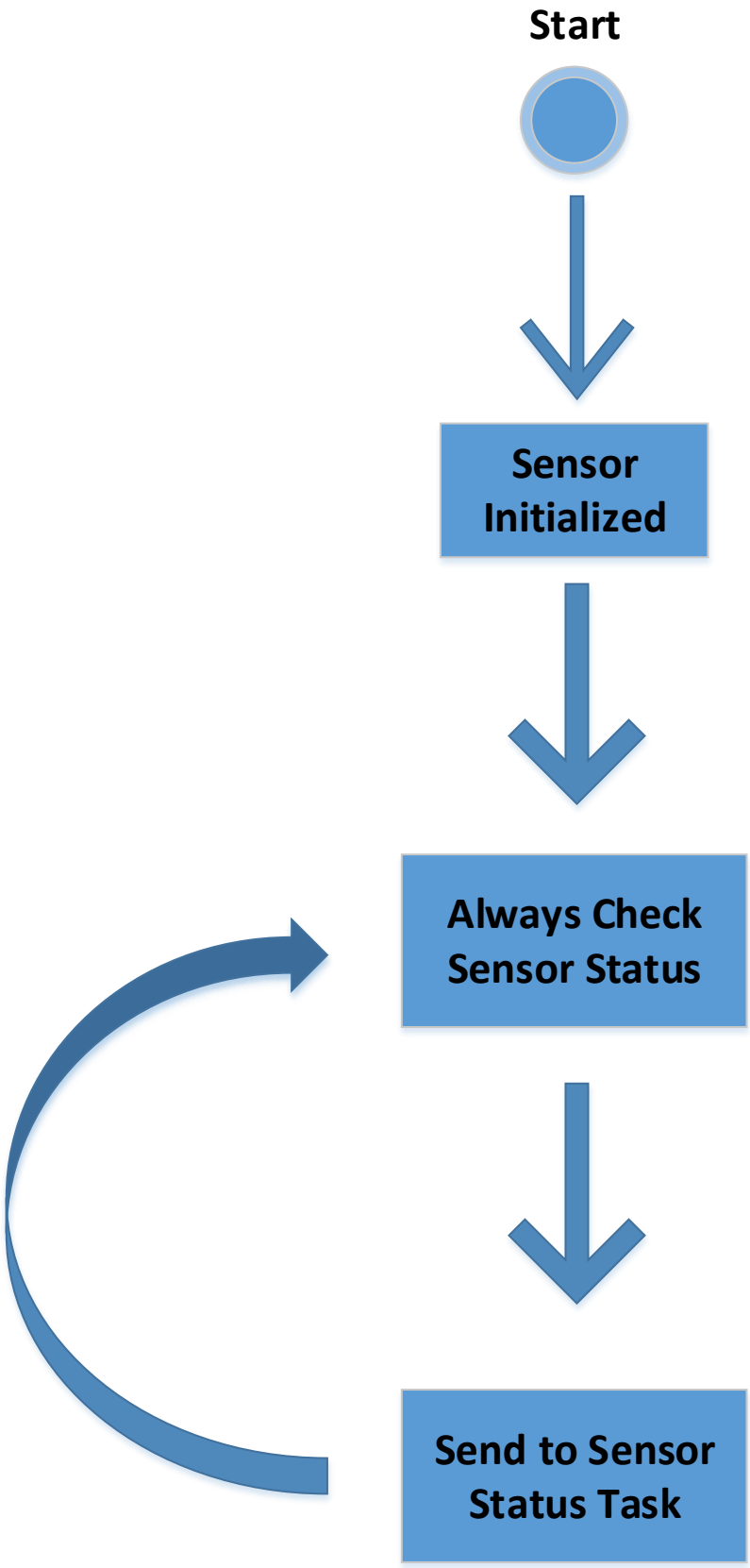
2– CAN:


Start
CAN initialized
CAN ReceiveData ()
CAN SendData ()
Receive Data from another ECU
CAN send data to another ECU
Wait for Confirmation of all Data Received
Wait for Confirmation of Success Transmit

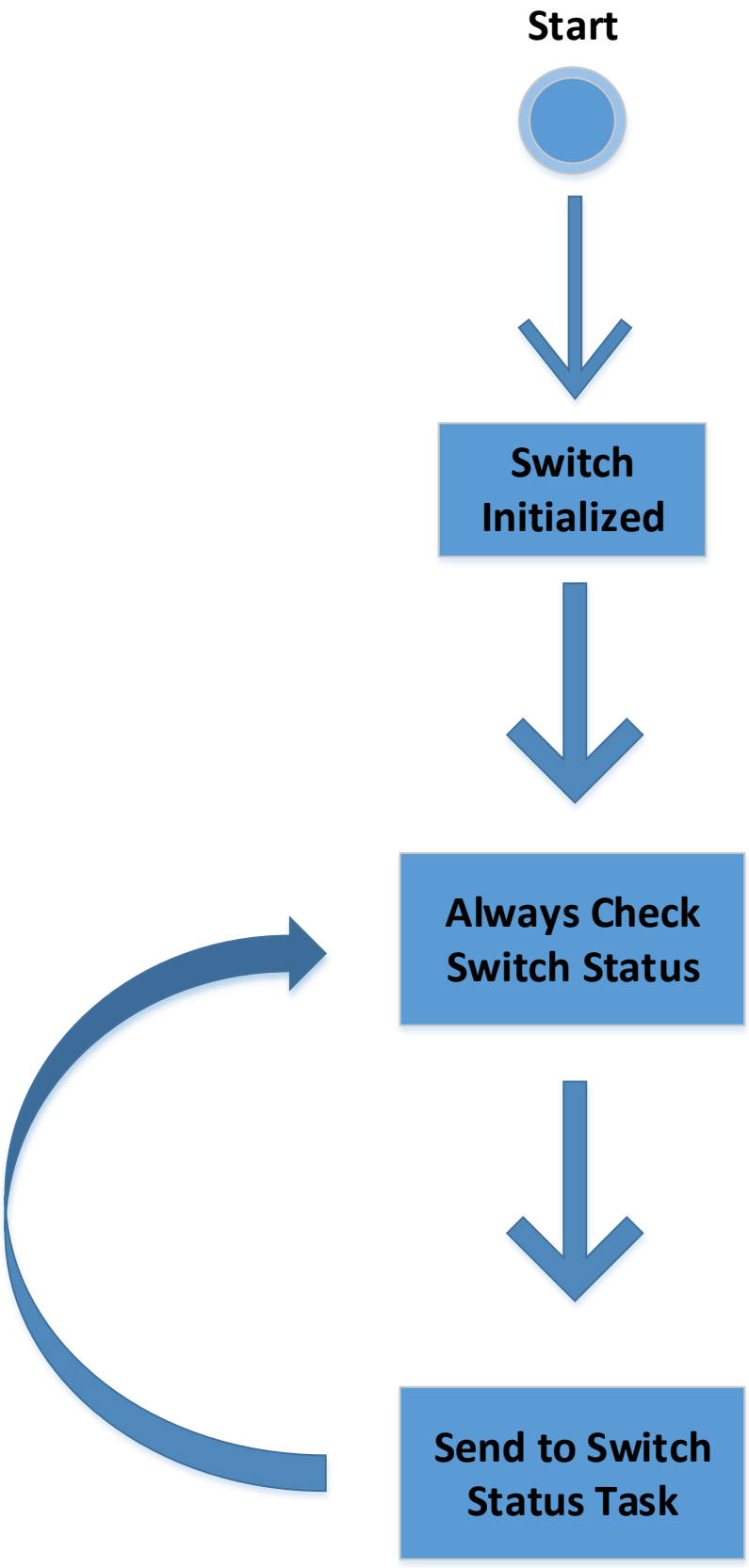
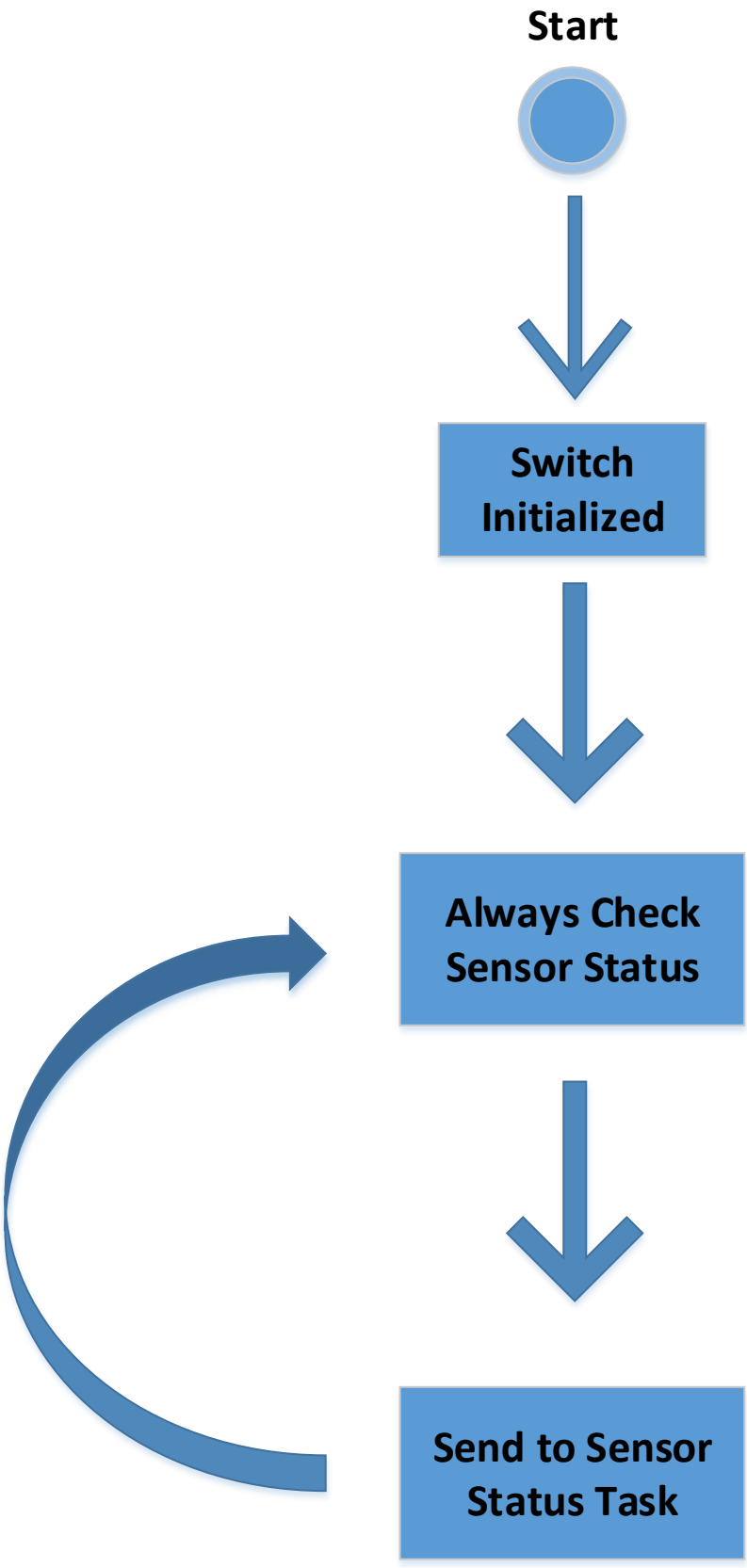
3 – ADC


Start
ADC Initialized
Always Check ADC Status
Send to ADC Status Task

4 – Speed Sensor



5 – Light Switch



6 – Door Sensor