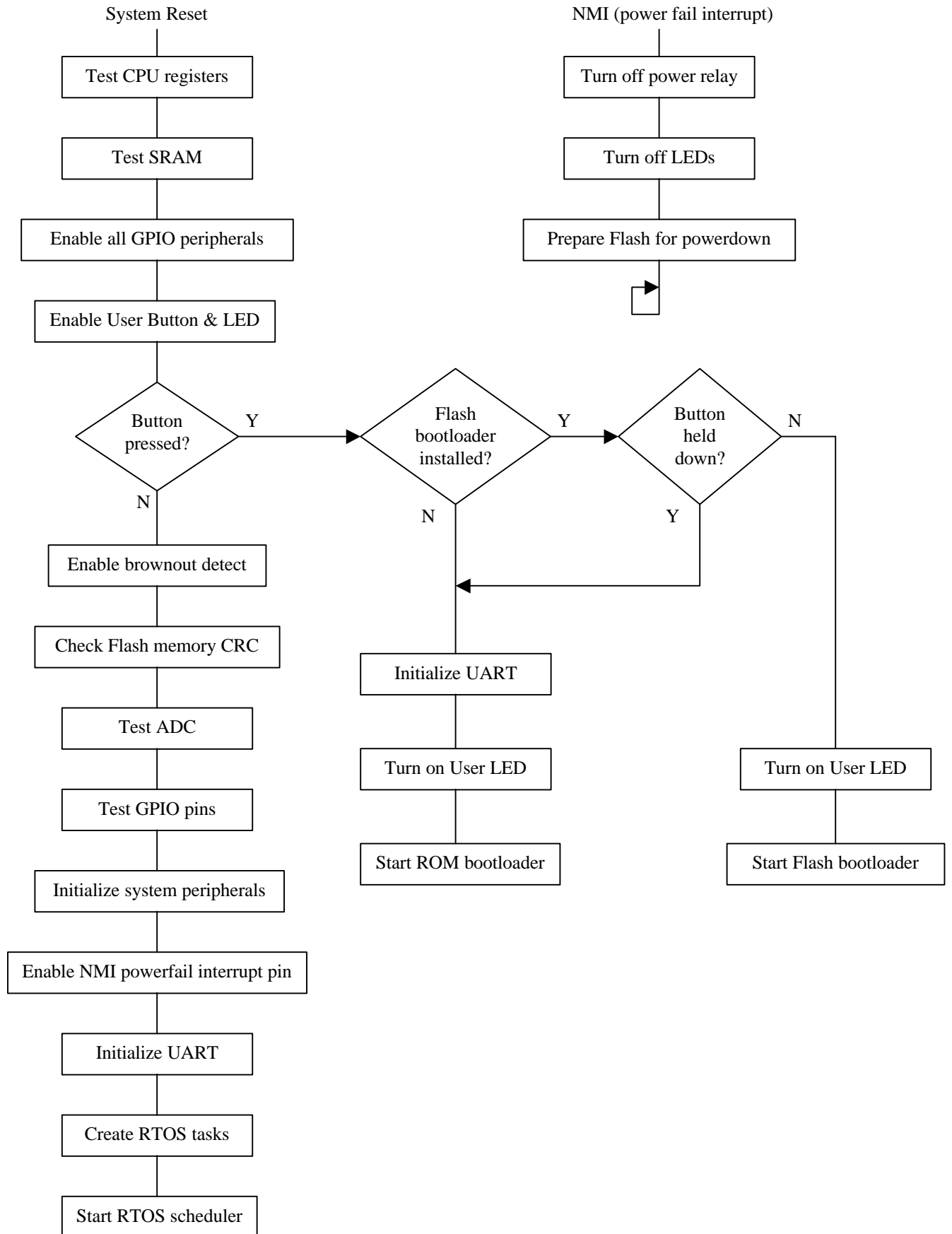
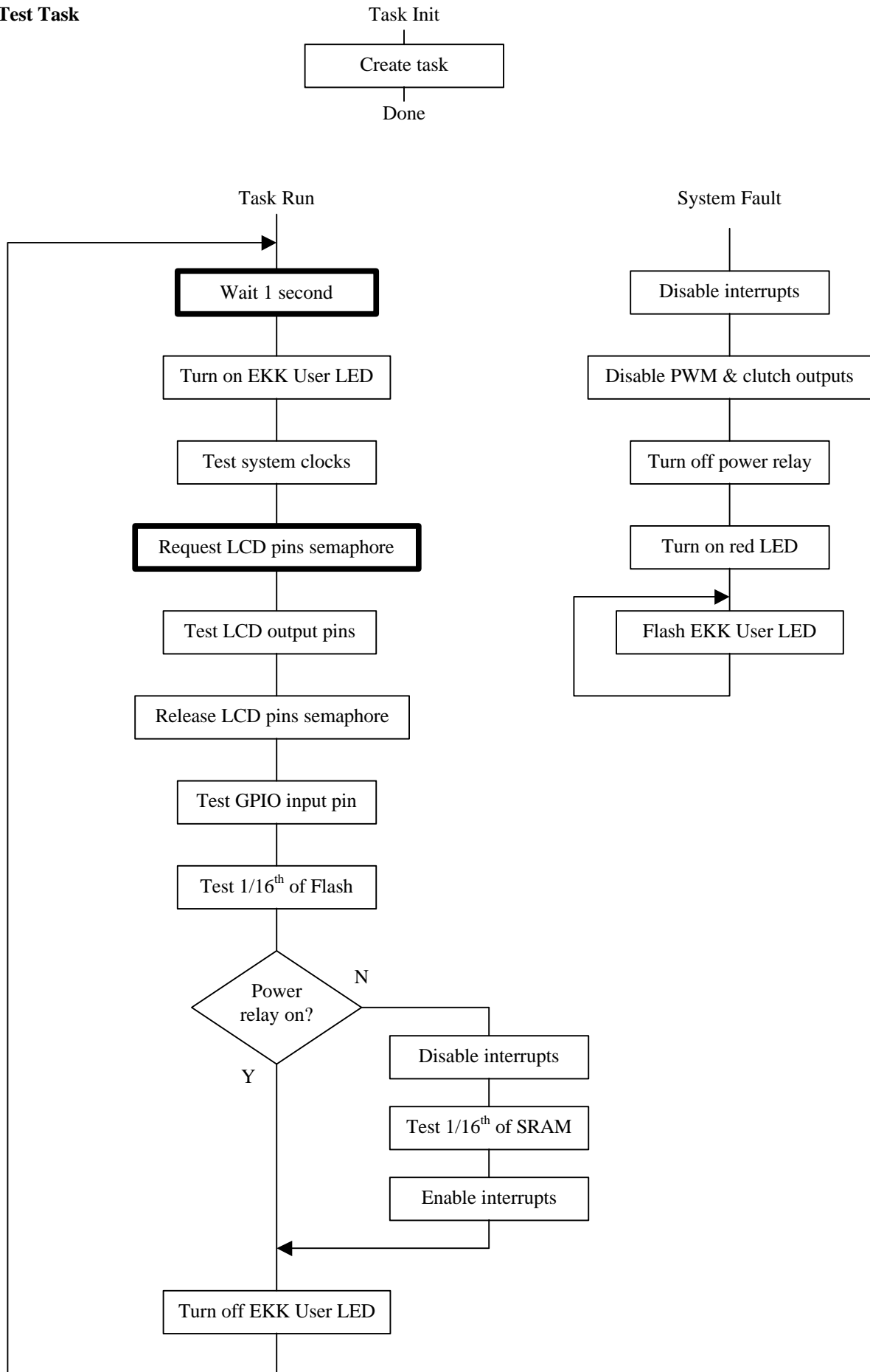


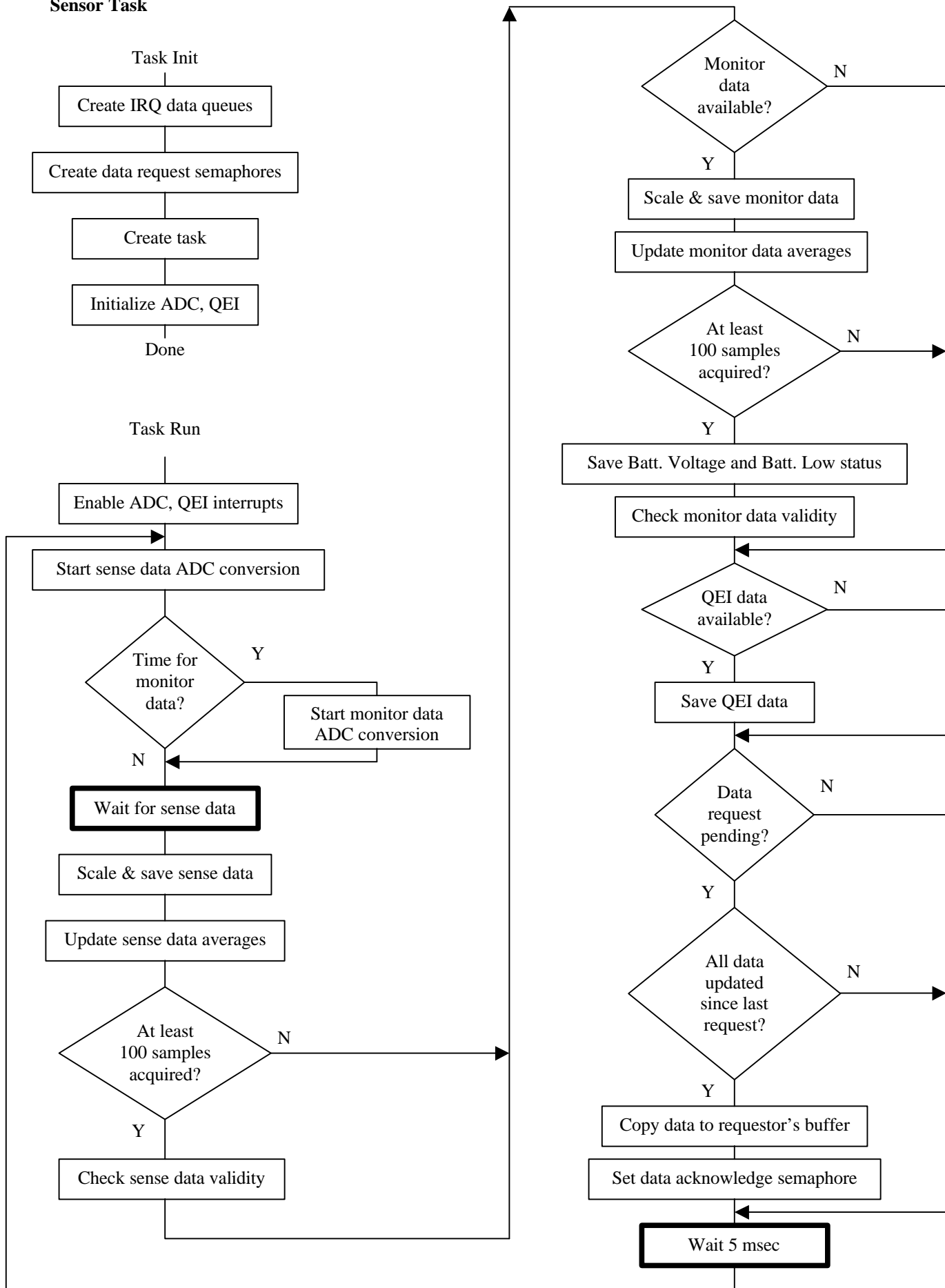
Main Routine



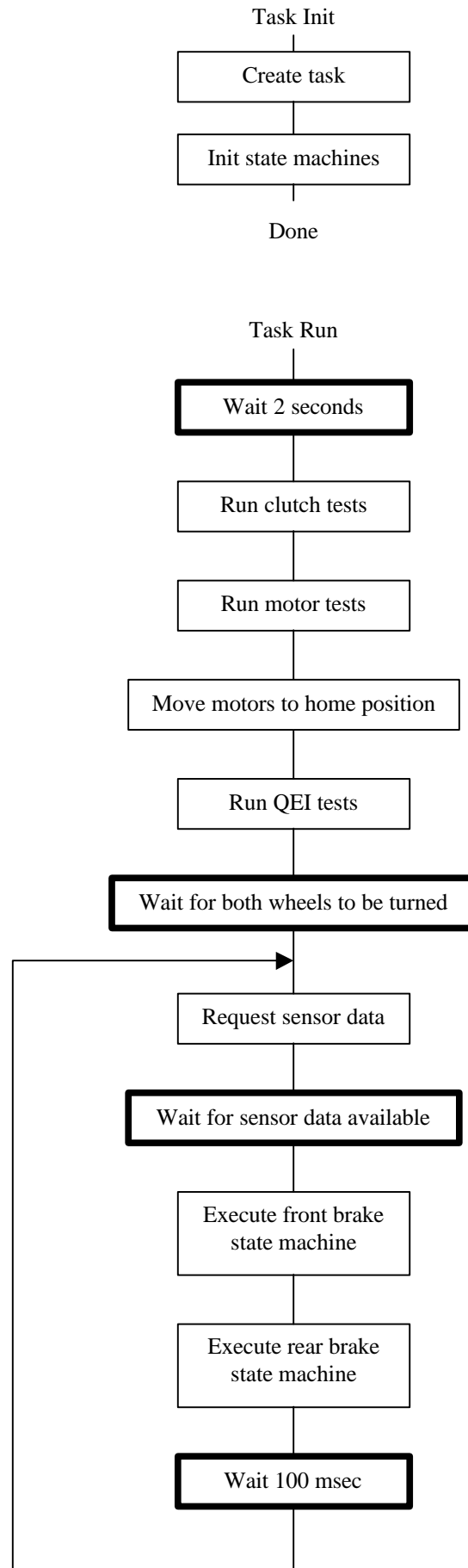
IEC60730 Test Task



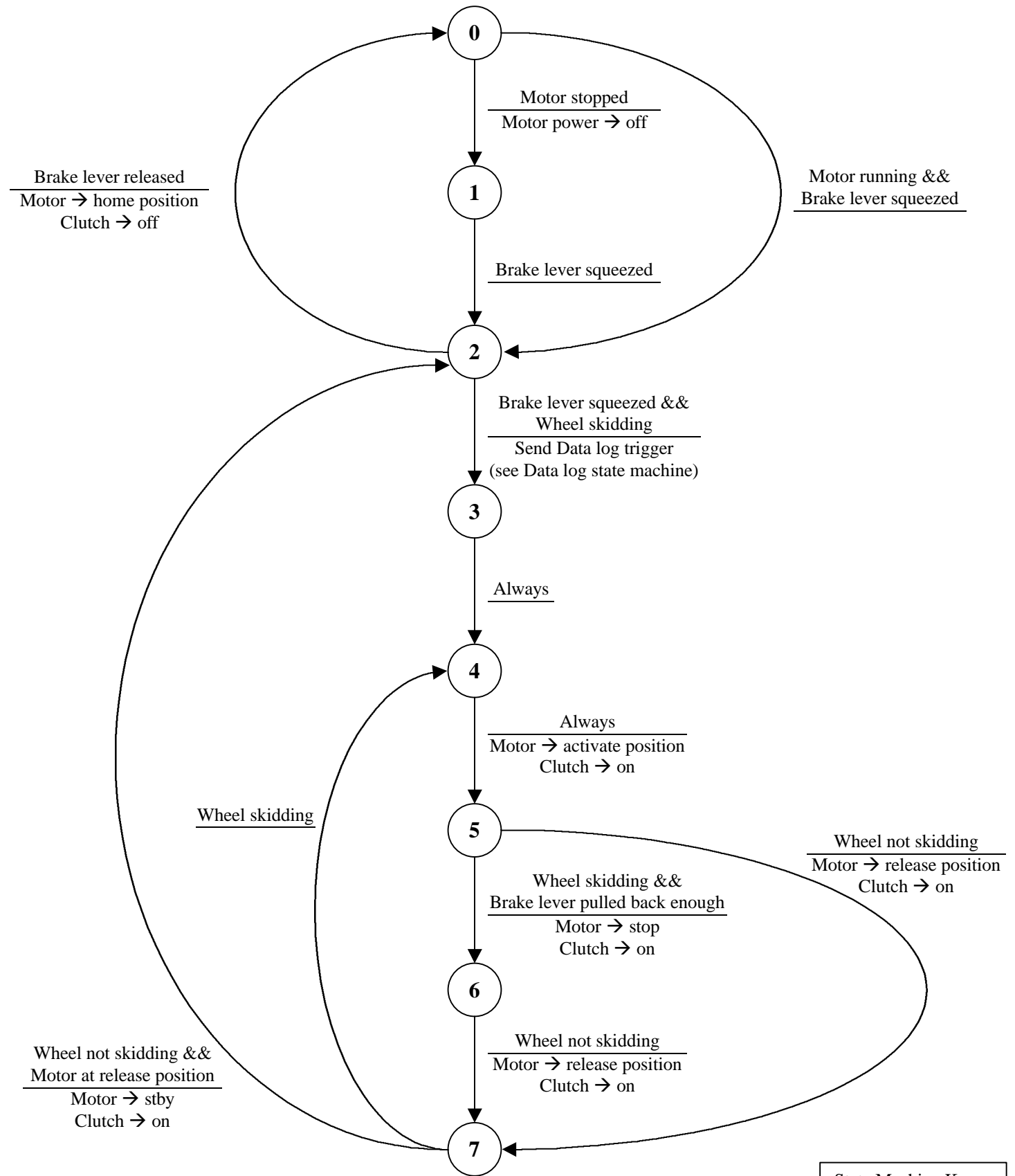
Sensor Task



Process Task



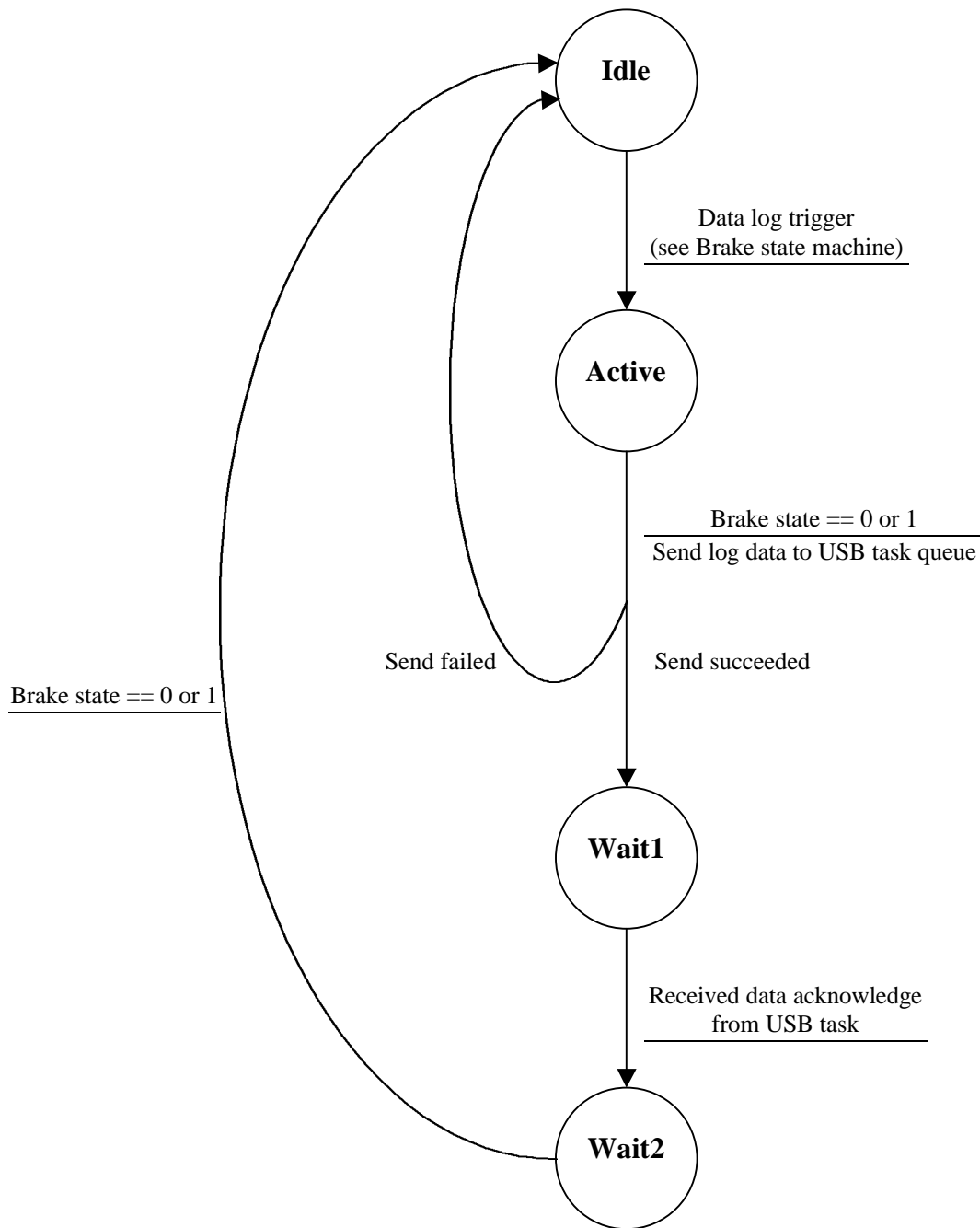
Brake State Machine



State Machine Key:

Condition	Action

Data Log State Machine

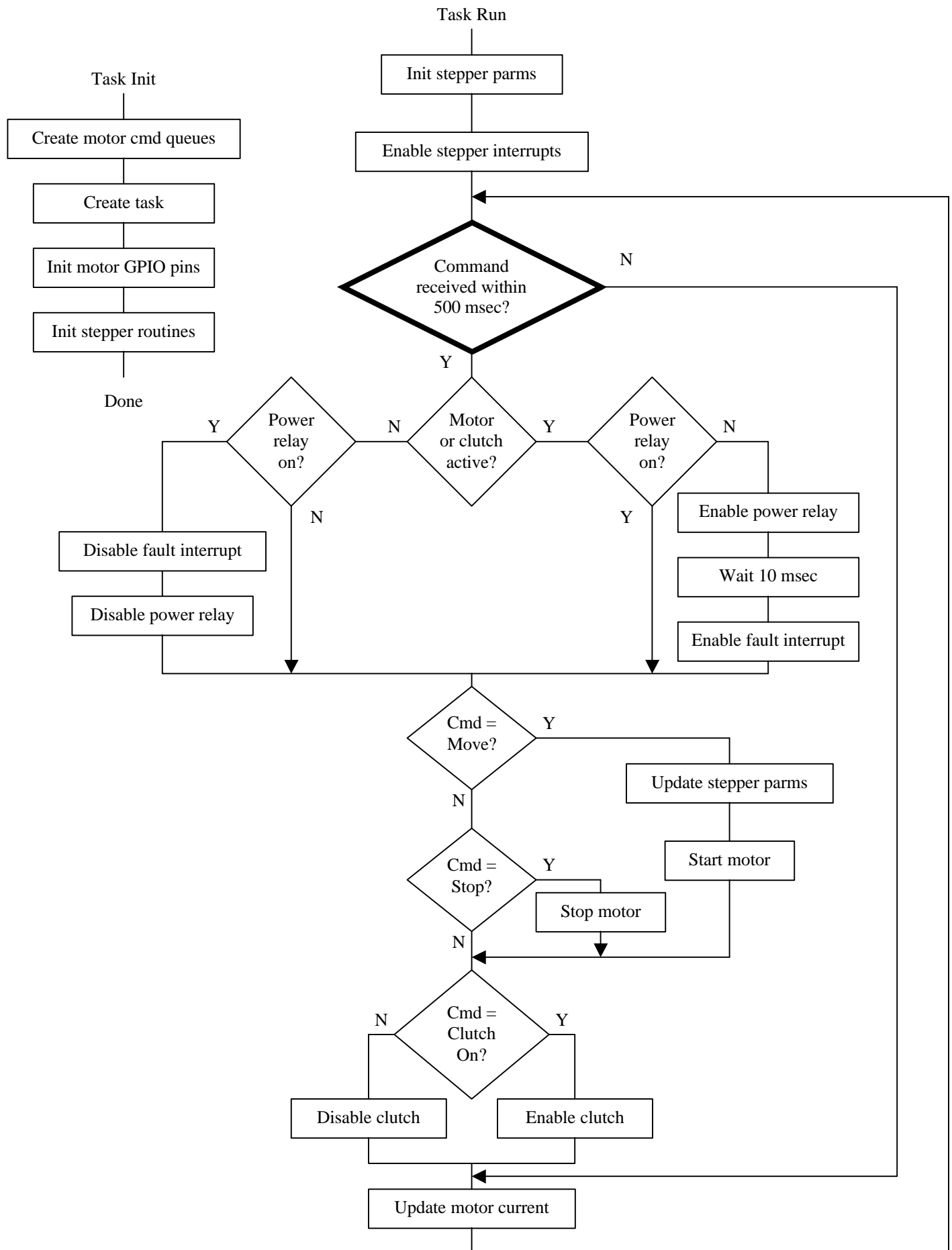


Note:

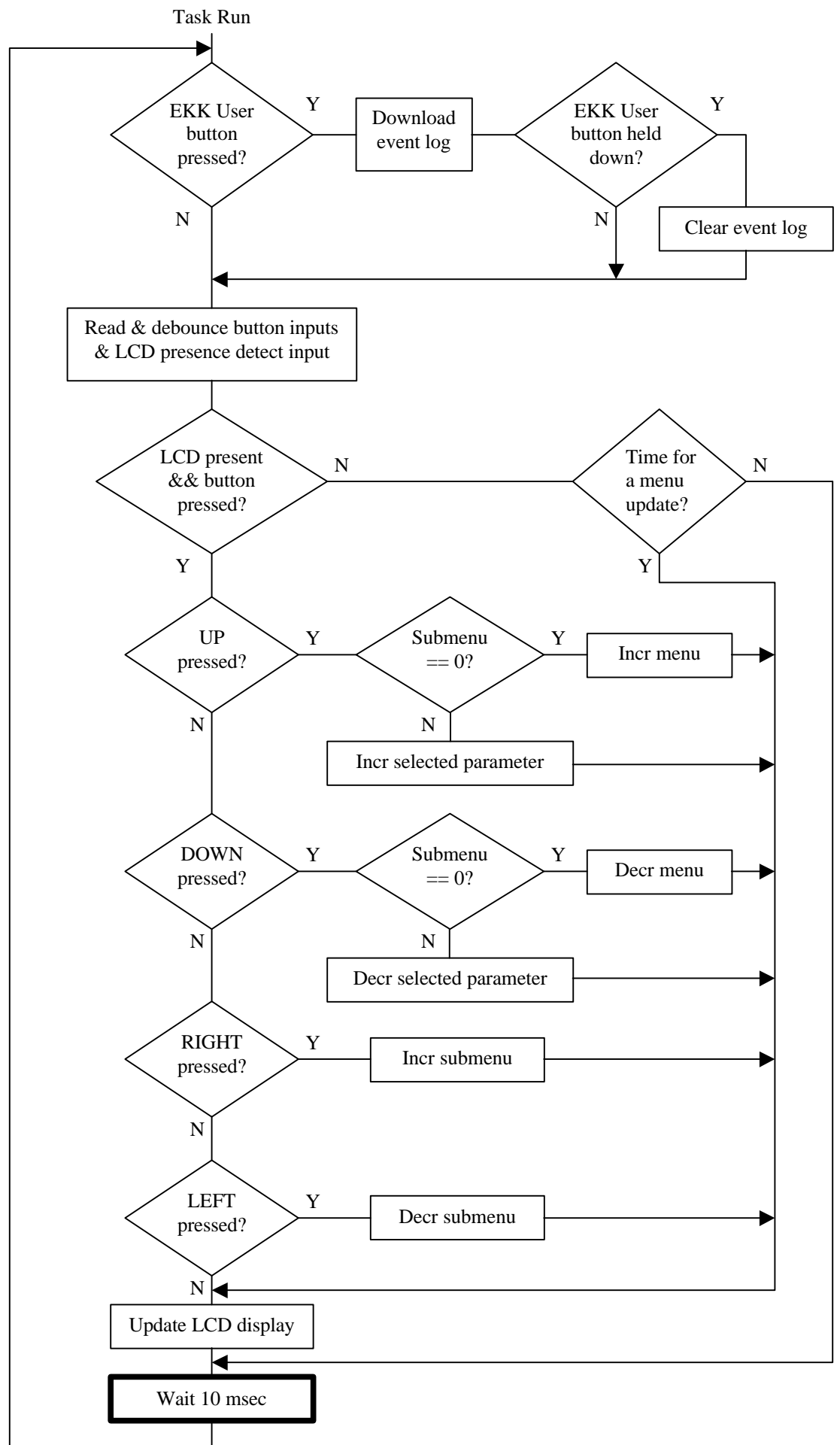
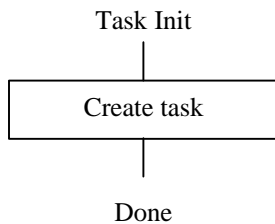
Data is written to Log buffer when in **Idle** or **Active** state and Brake state machine is in state 2 or higher.

Log buffer is cleared when in **Idle** state and Brake state machine is in state 0 or 1.

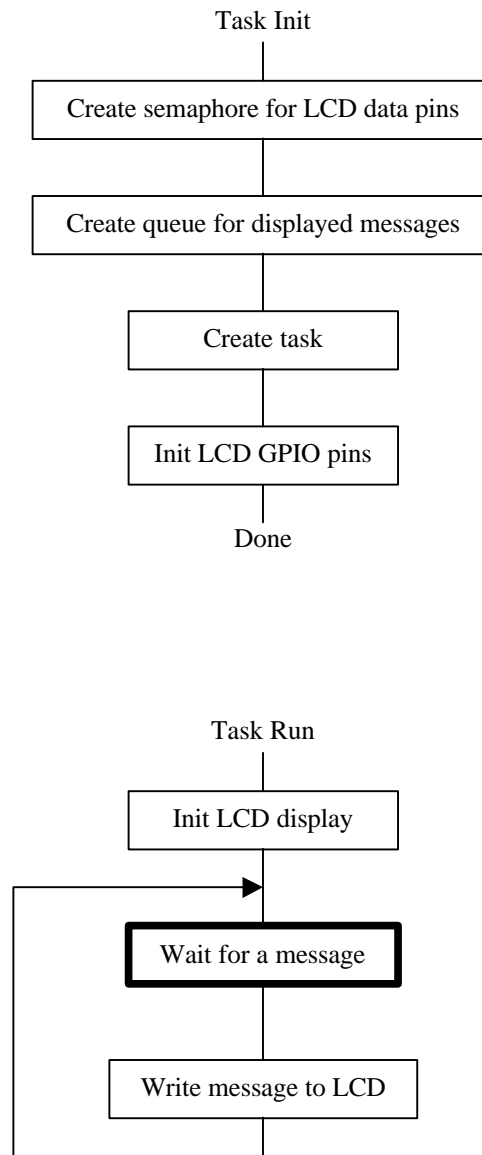
Motor Task



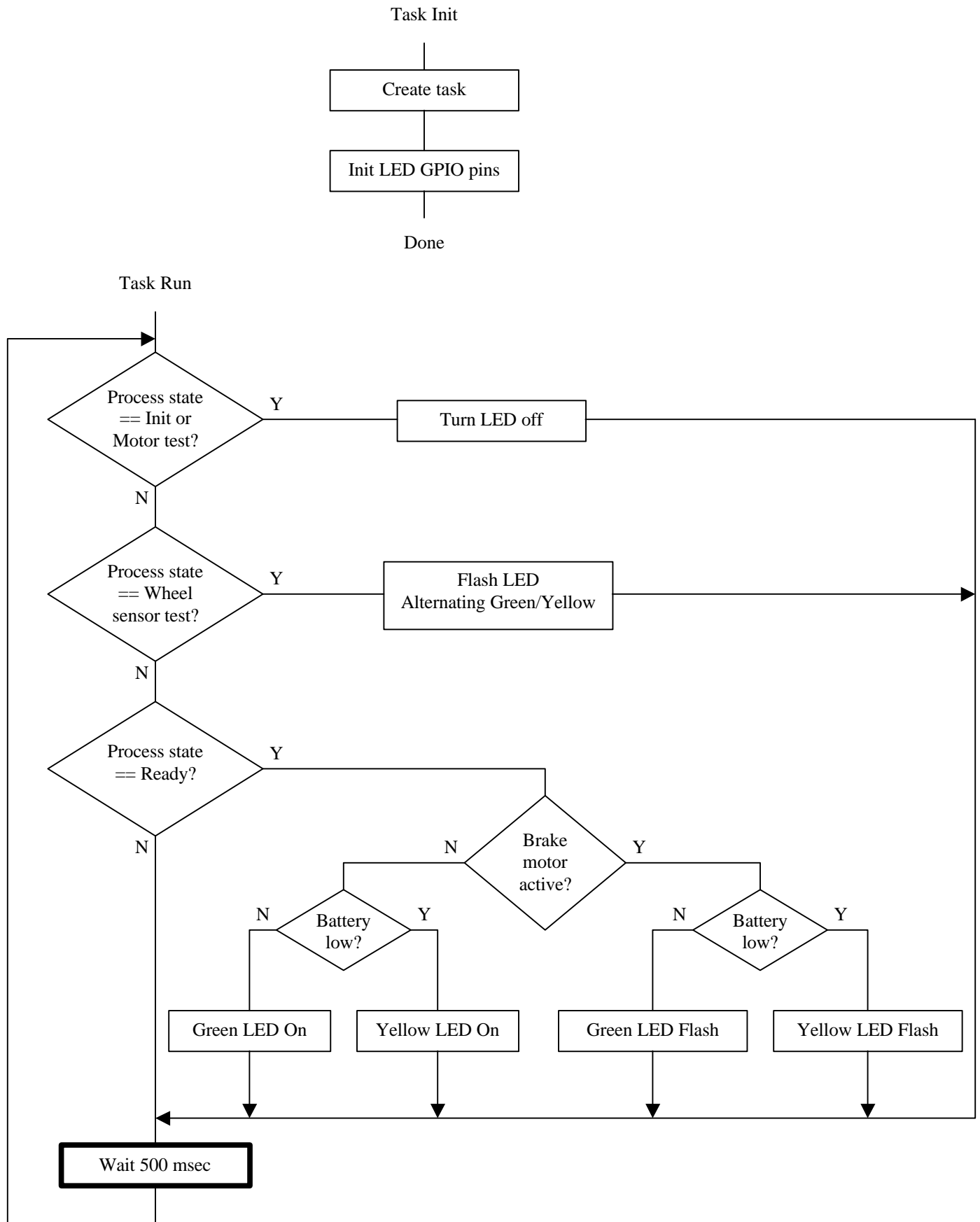
Menu Task



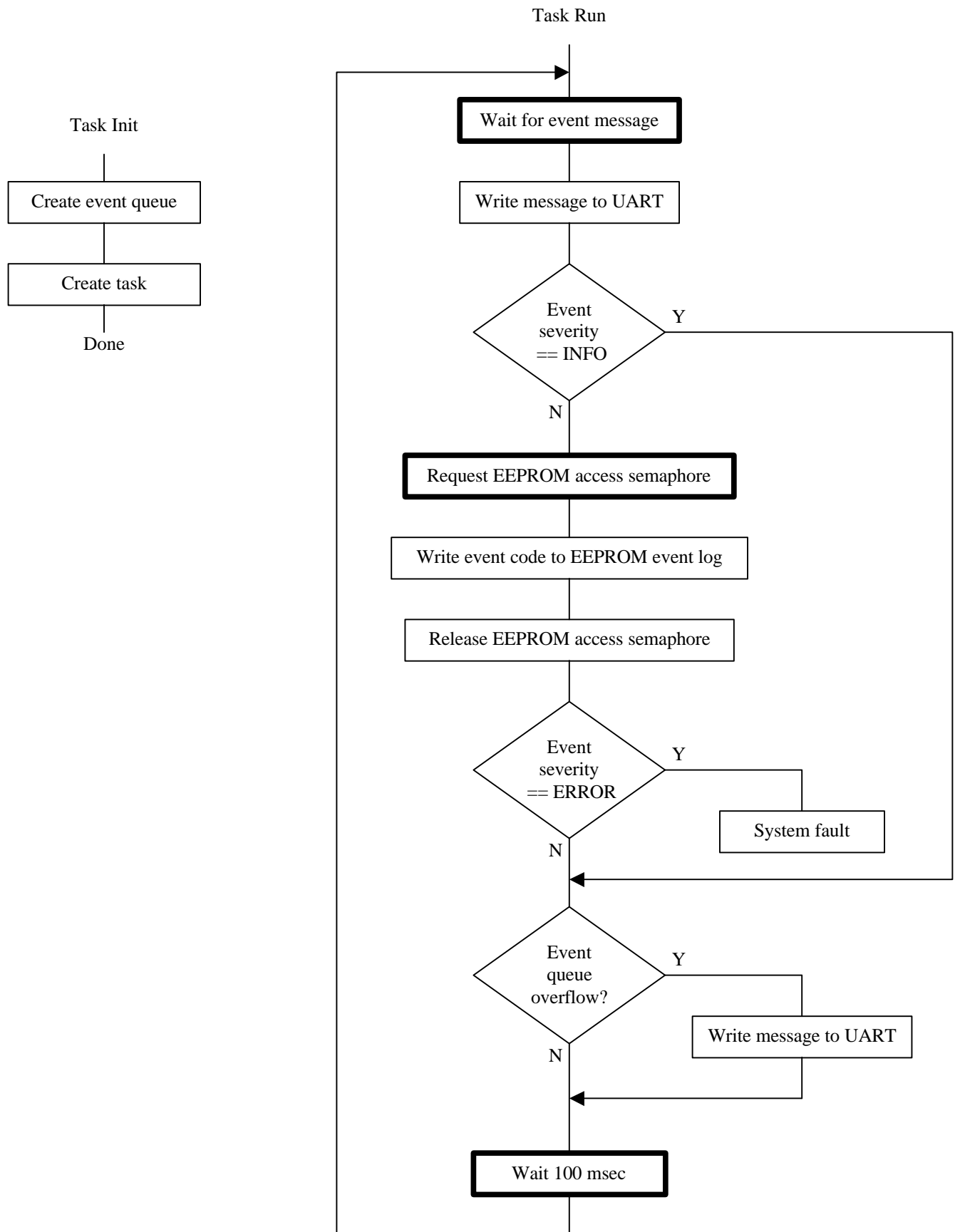
LCD Task



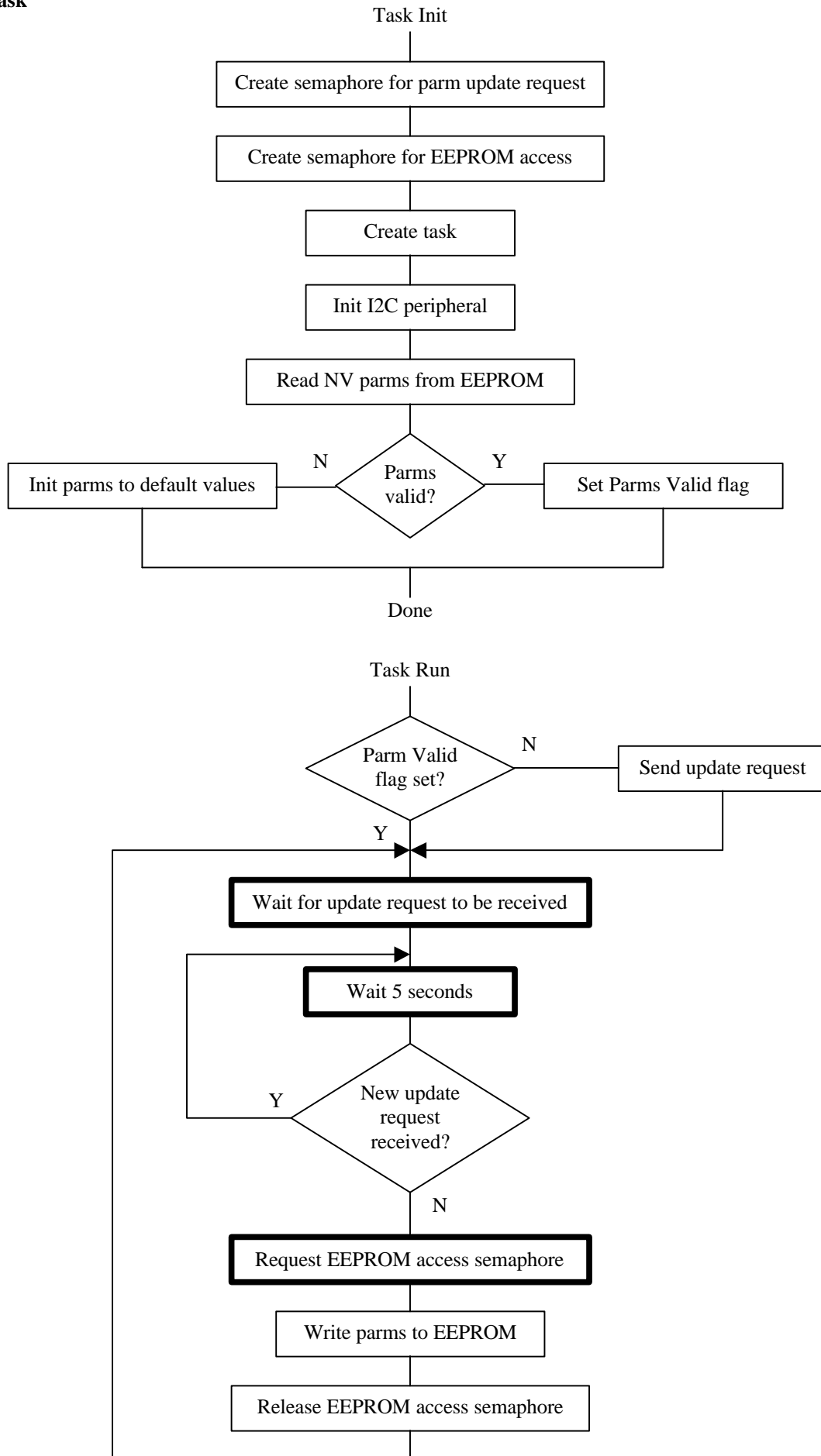
LED Task



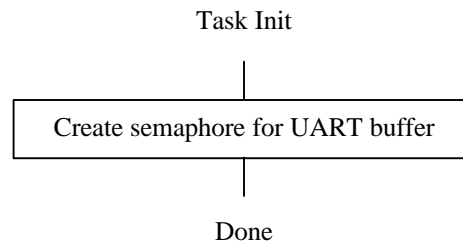
Log Task



I2C Task

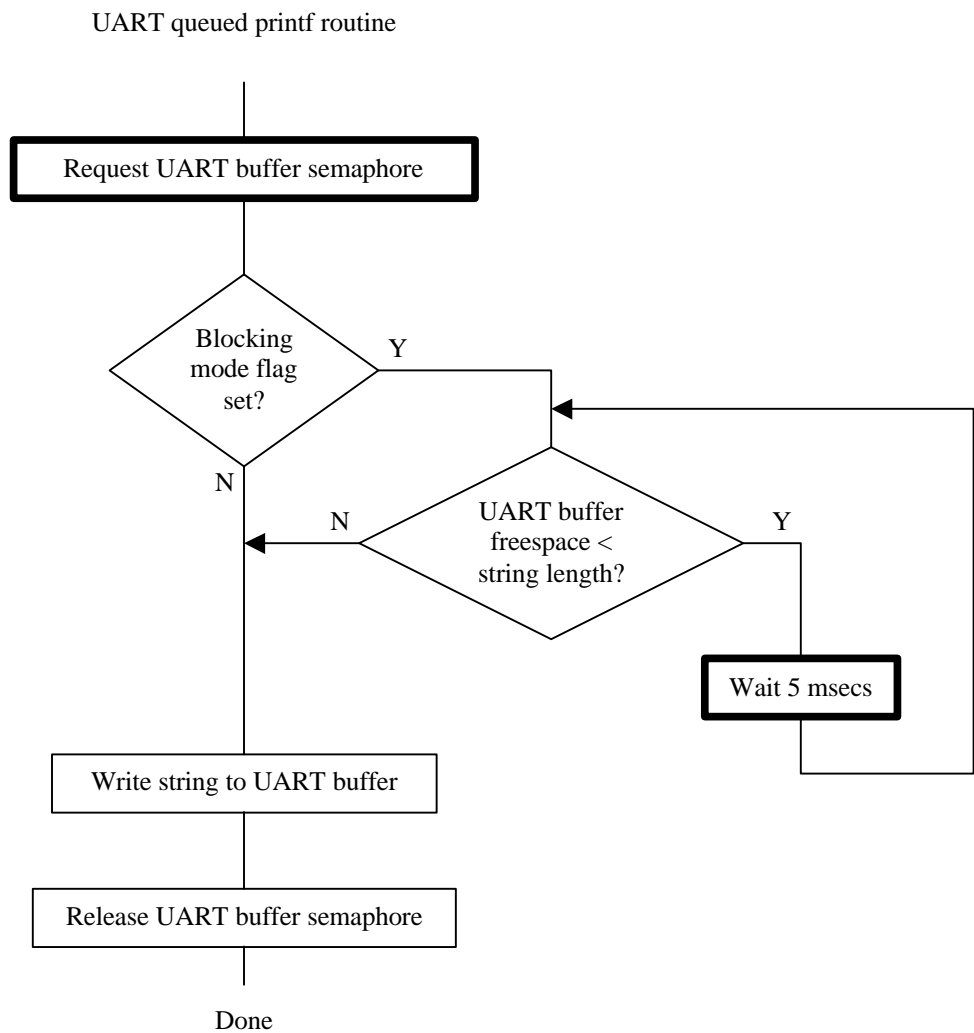


UART Task

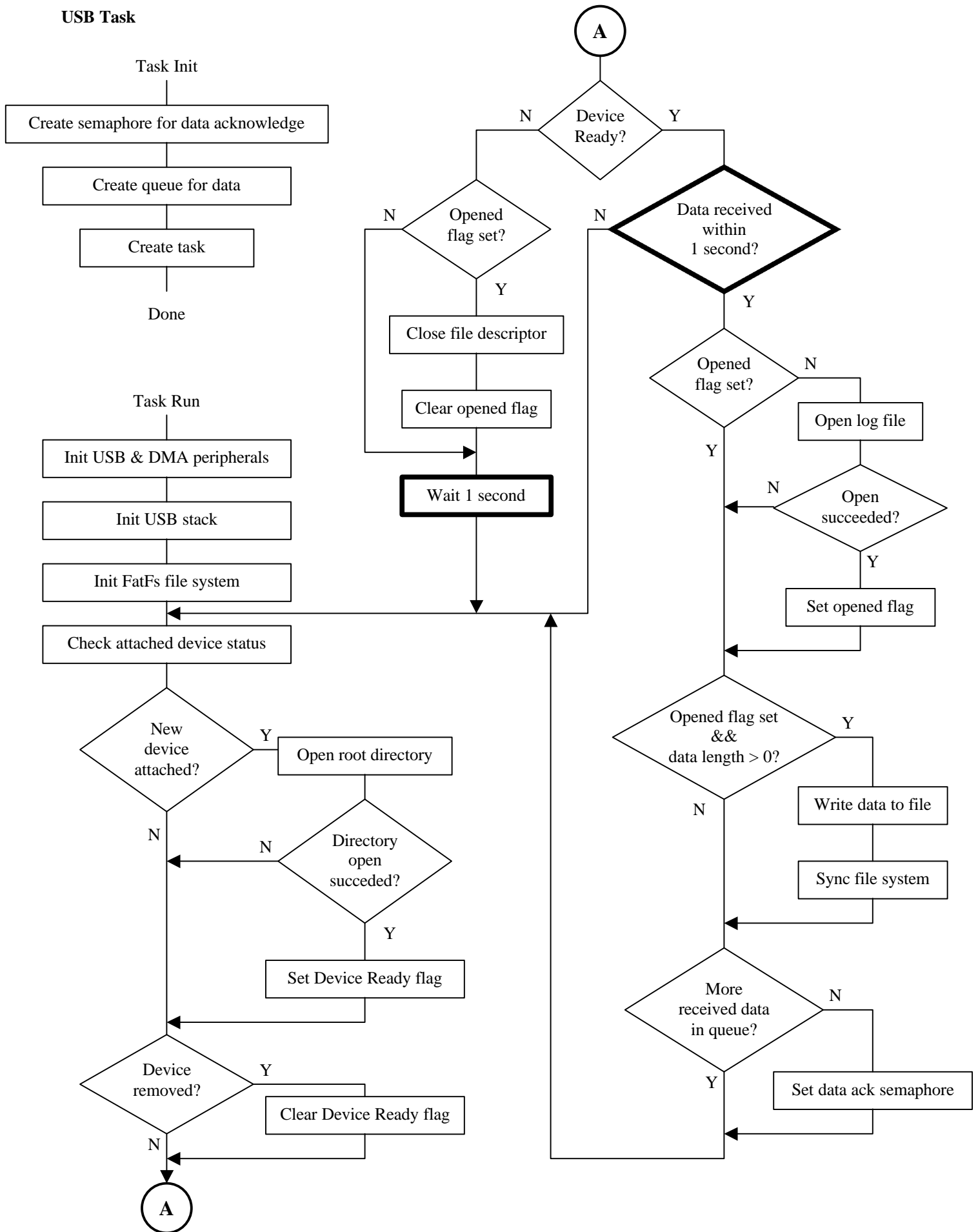


Note:

The UART handler doesn't have its own task, but the printf routine UARTQueuePrintf is called from other tasks.



USB Task



Idle Task

