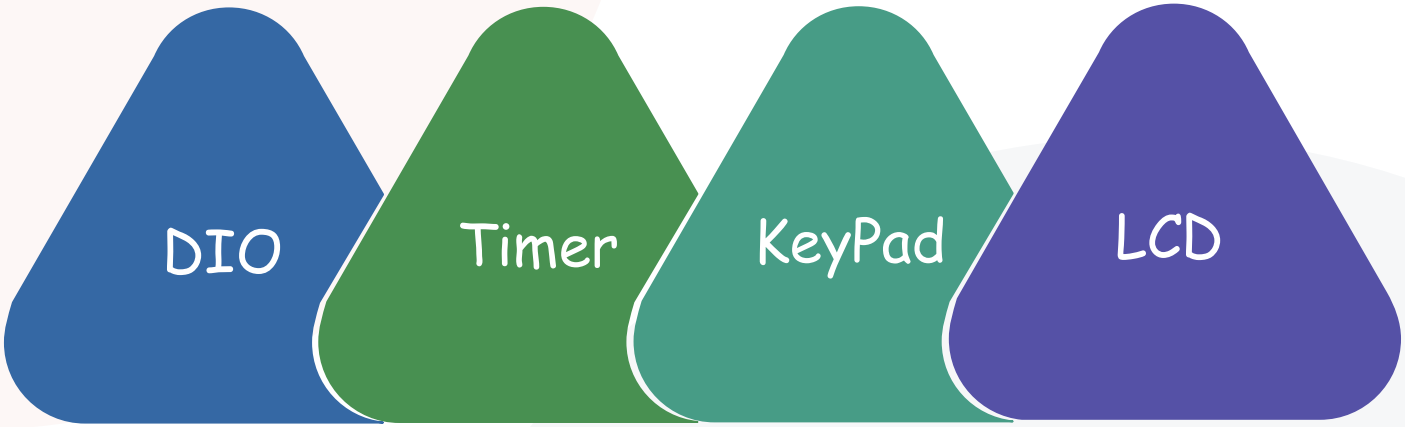
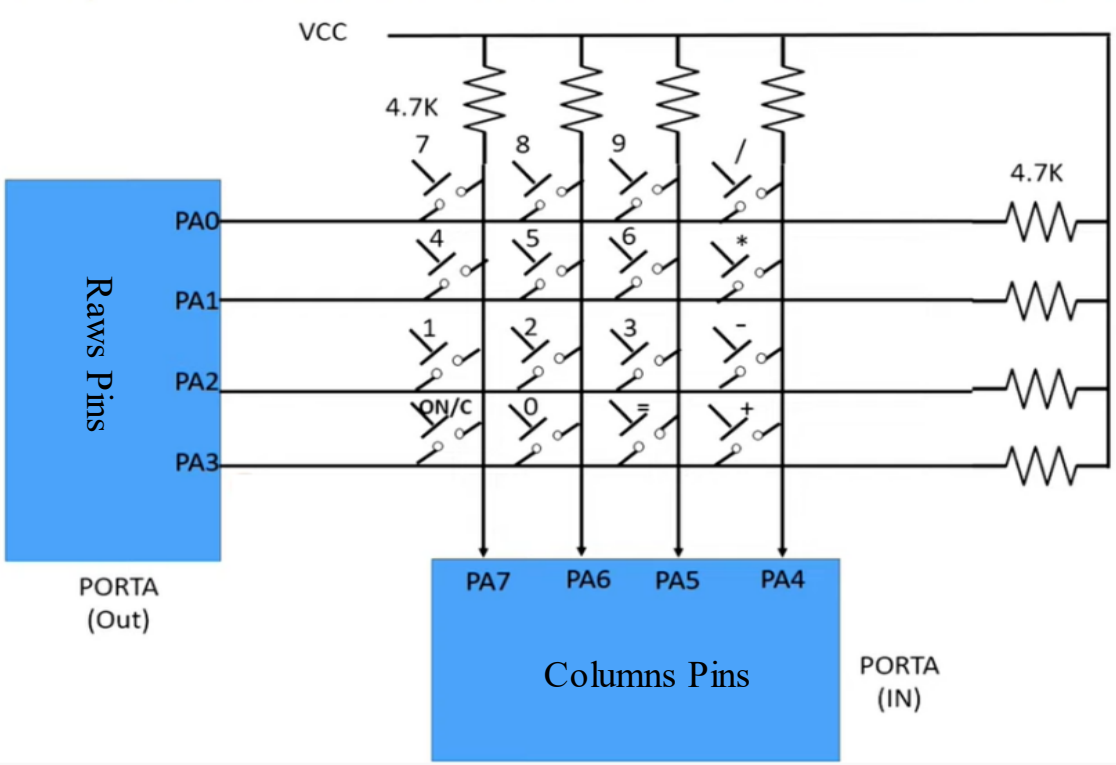
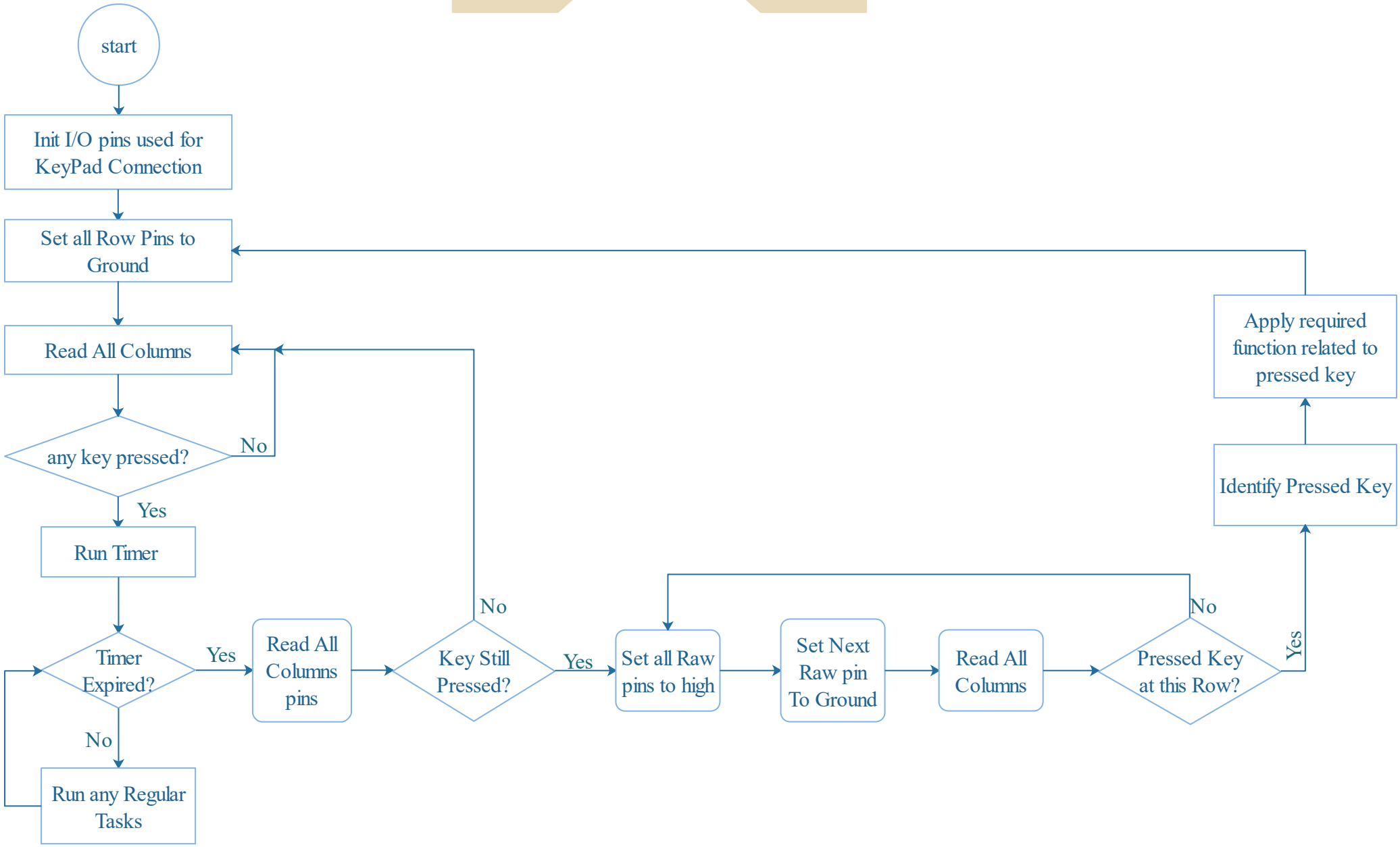
Task #1 Main Component



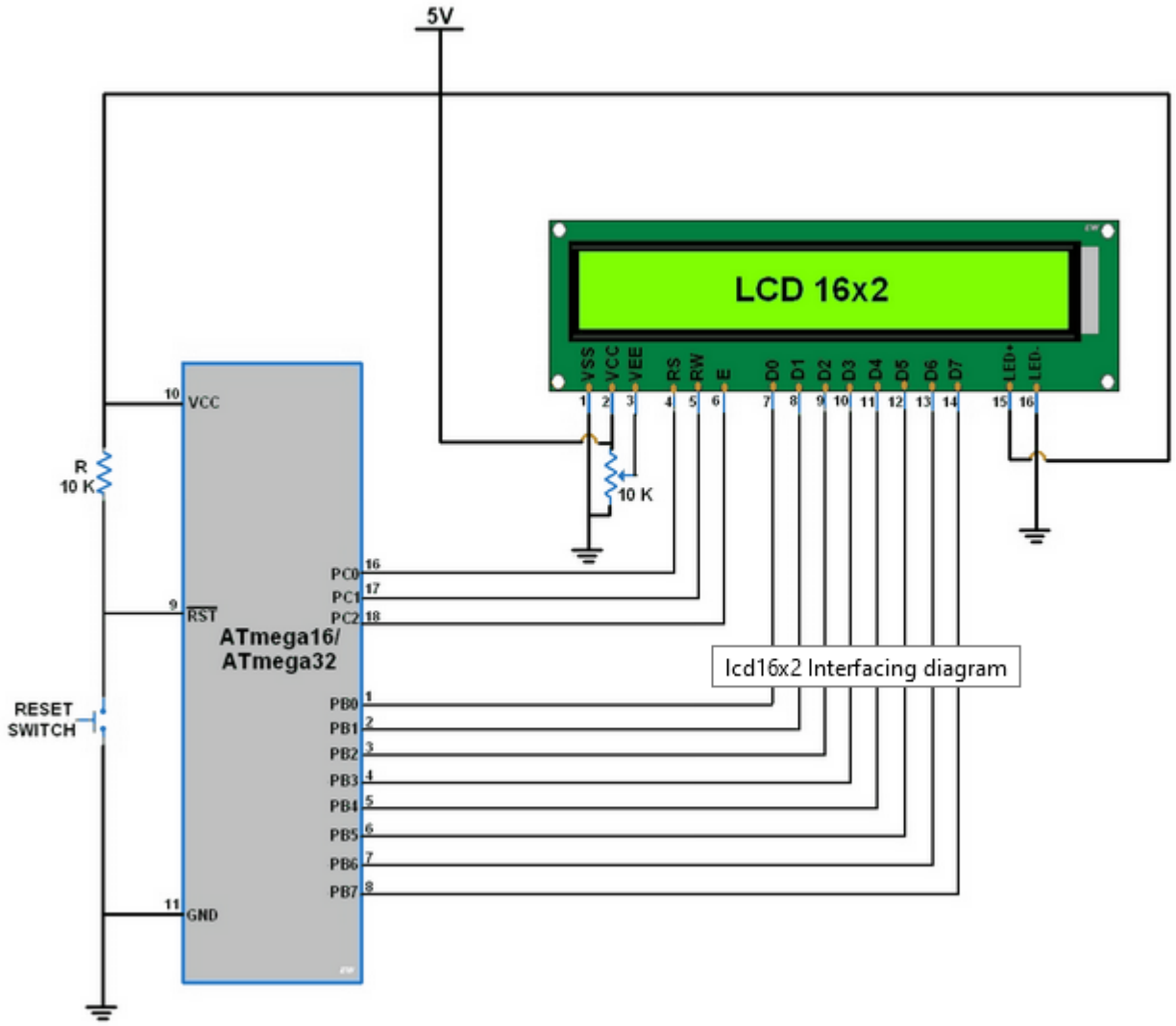
KepPad Connection

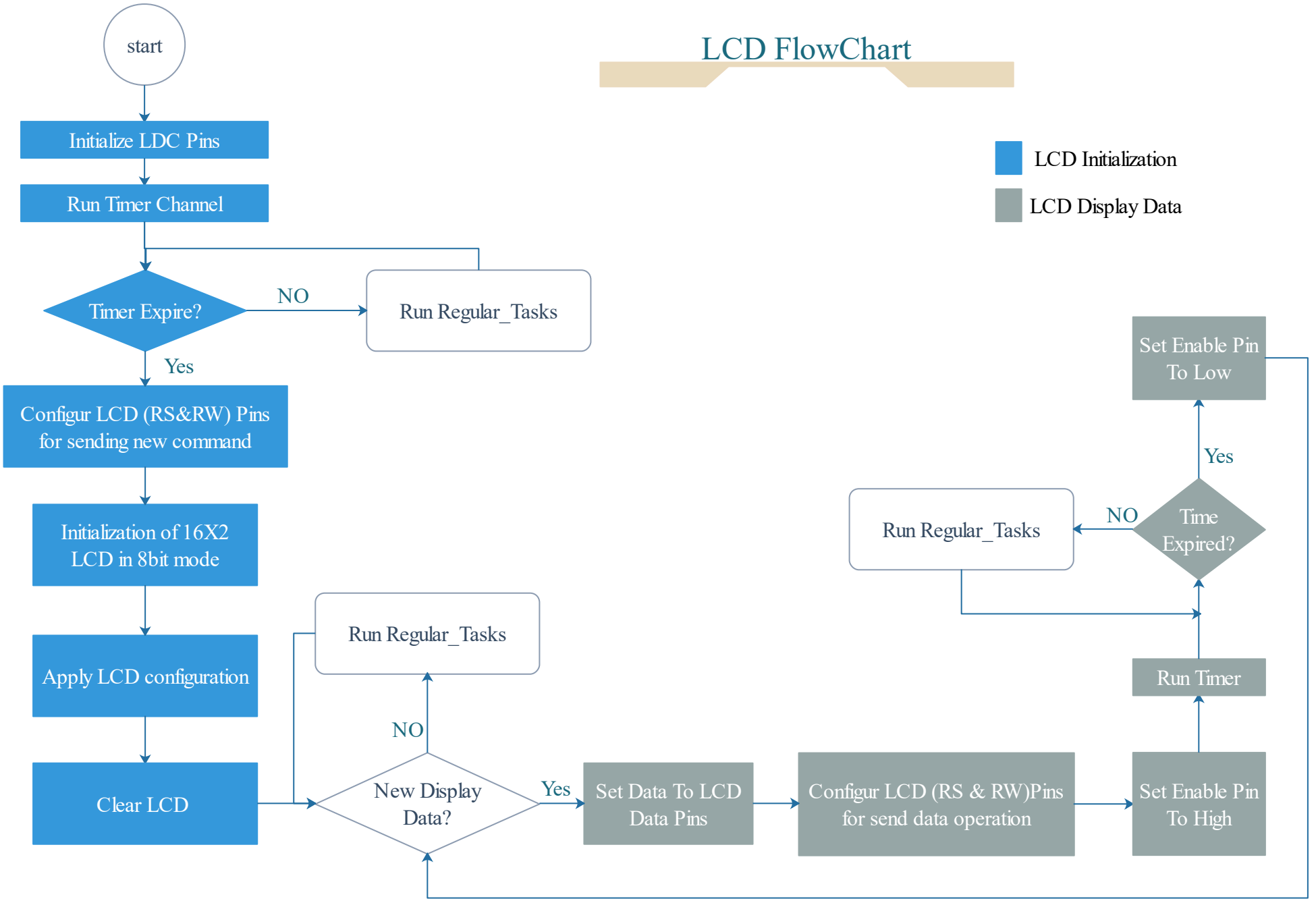
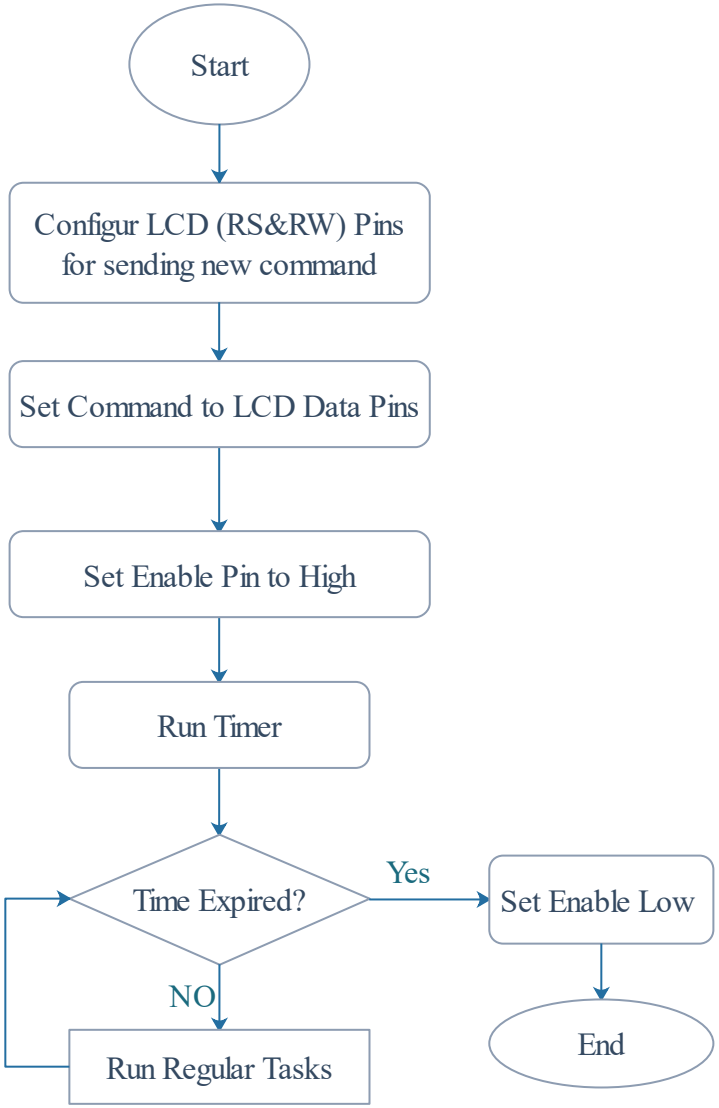


KeyPad FlowChart



LCD Interface Circuite Digrame




LCD FlowChart
LCD Initialization
LCD Display Data
start
Initialize LDC Pins
Run Timer Channel
Timer Expire?
NO
Run Regular_Tasks
Yes
Configur LCD (RS&RW) Pins for sending new command
Initialization of 16X2 LCD in 8bit mode
Apply LCD configuration
Clear LCD
Run Regular_Tasks
NO
New Display Data?
Yes
Set Data To LCD Data Pins
Configur LCD (RS & RW)Pins for send data operation
Set Enable Pin To High
Run Timer
Time Expired?
NO
Run Regular_Tasks
Yes
Set Enable Pin To Low

Send Command To LCD FlowChart