

PWM DRAWER USING GRAPHICAL LCD AND ATMEGA32

AMIT Graduation Project
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Layered Architecture

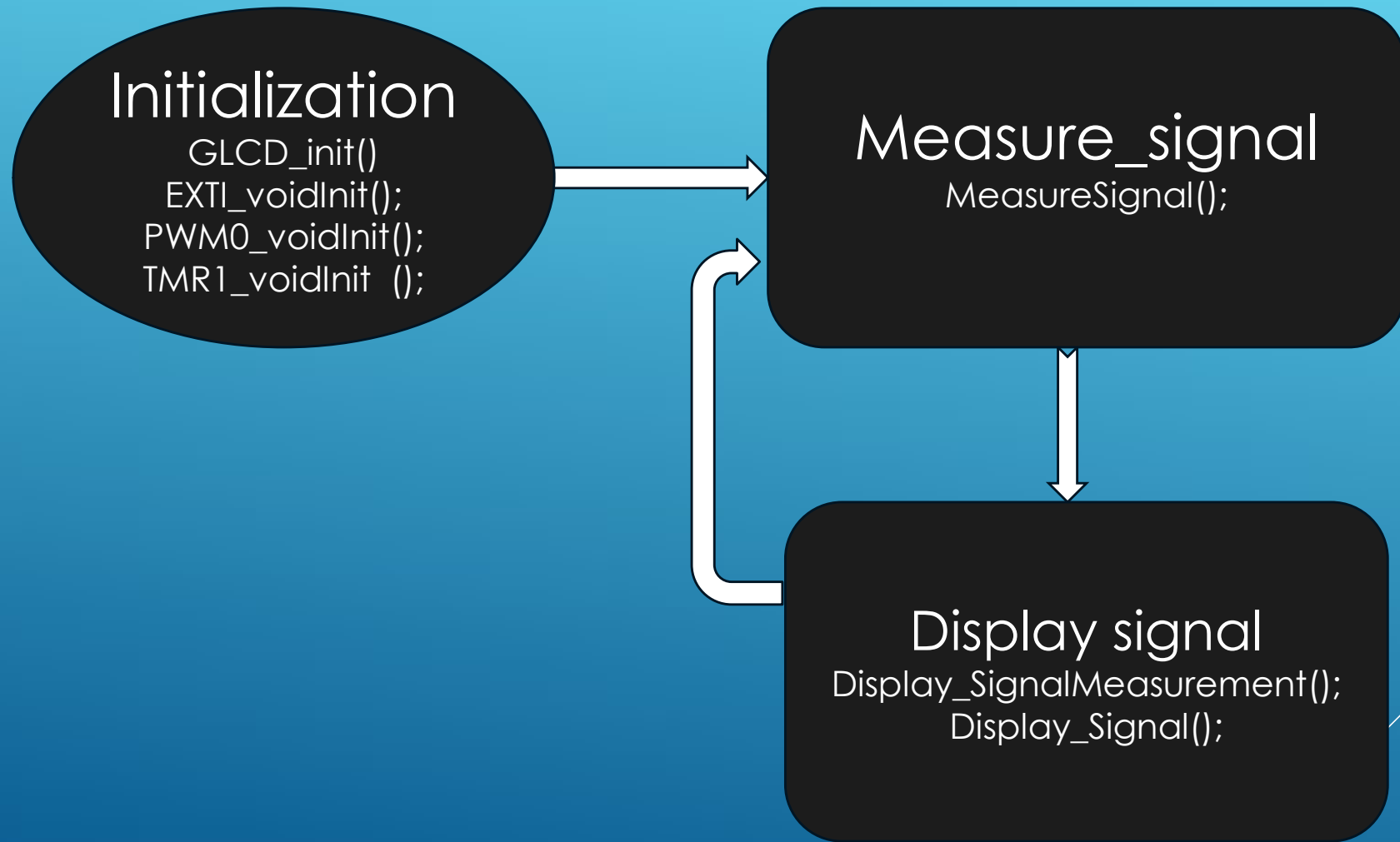


- Pwm drawwer

- GLCD

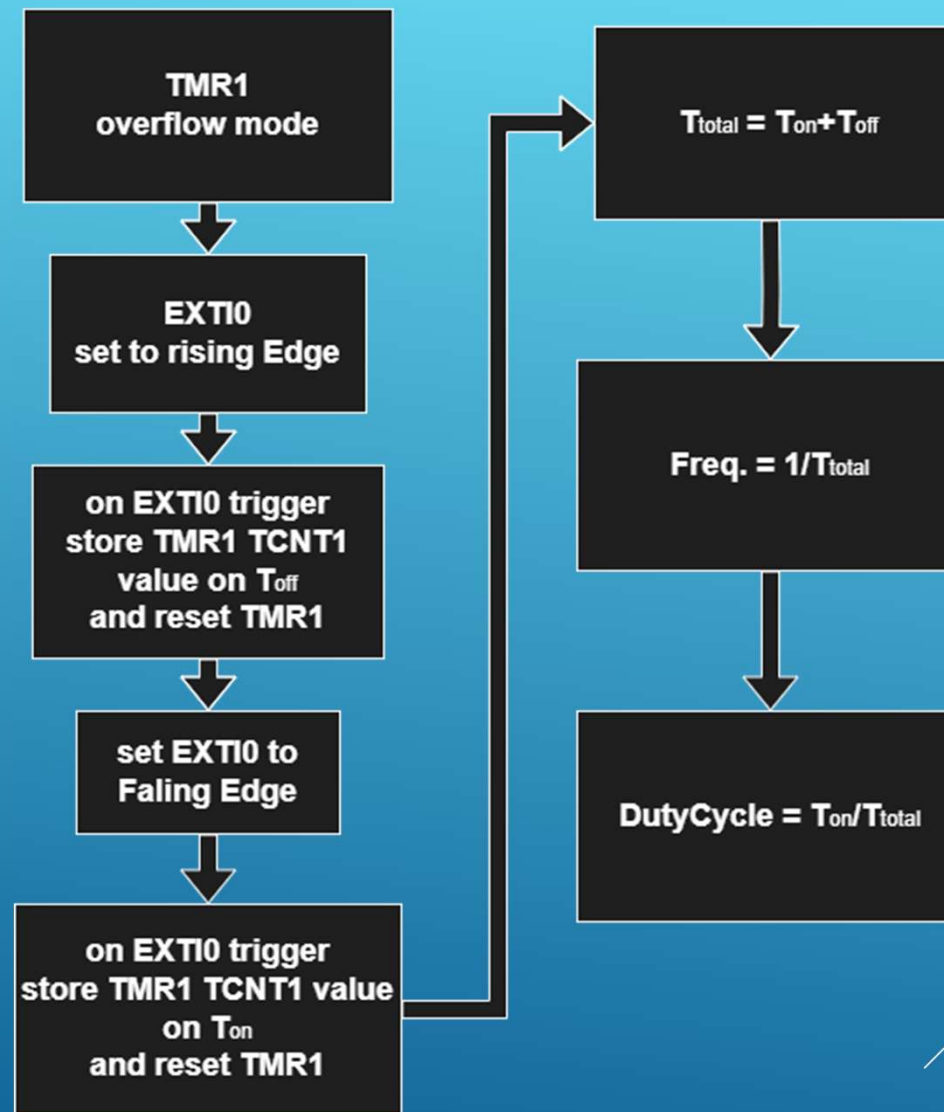
- TMR1
- GI
- DIO
- EXTI
- PWM

Flow chart



Flow chart

Measure_signal
MeasureSignal();



Flow chart

Display signal
`Display_SignalMeasurement();`

GLCD Line 0: Display Frequency Value in kHz.



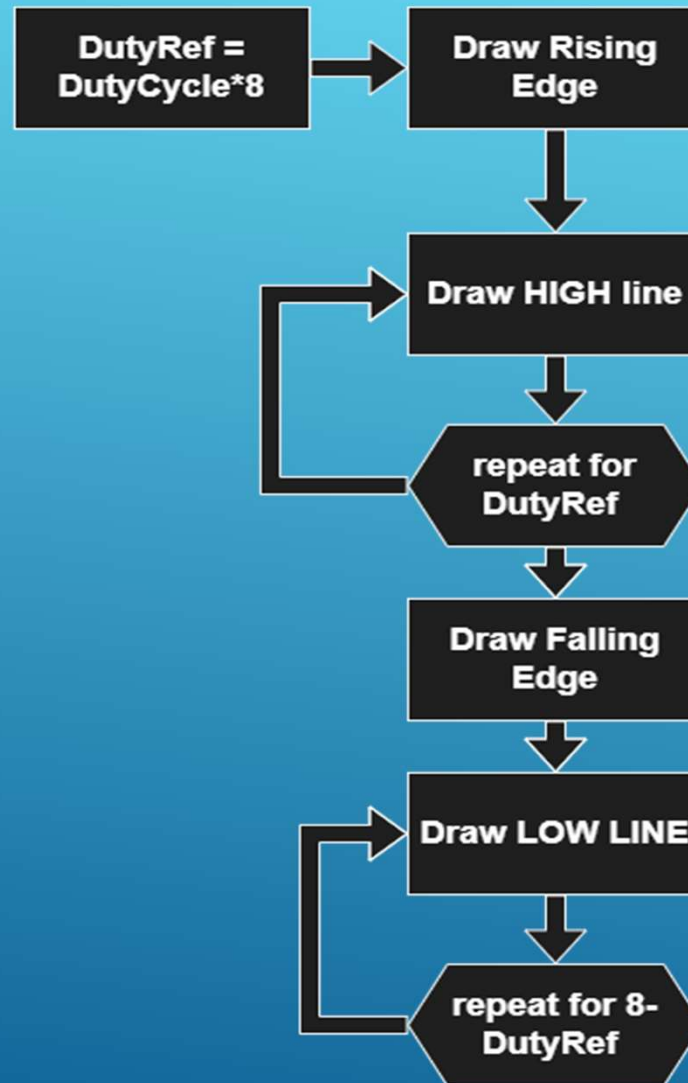
GLCD Line 2: Display Duty Cycle Value in %.



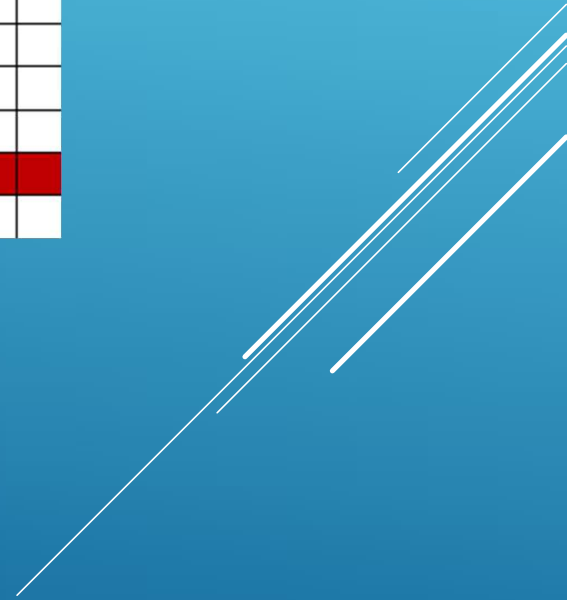
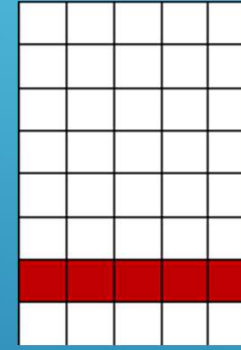
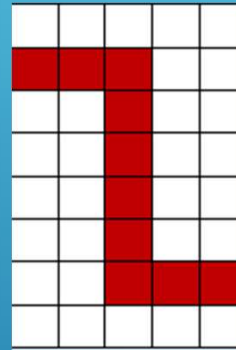
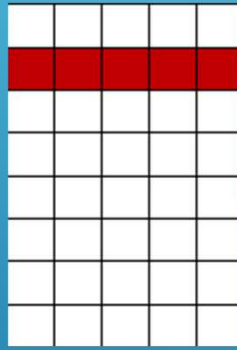
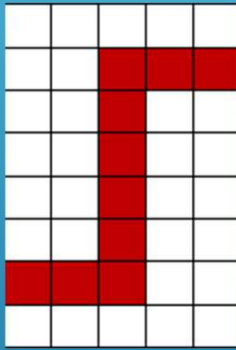
GLCD Line 5: Display Period Time Value in
milliseconds.

Flow chart

Display signal
Display_Signal()



PWM PATTERNS ON GRAPHICAL LCD



THANK YOU

Several thin, white, parallel diagonal lines are located in the bottom right corner of the slide, extending from the right edge towards the center.