**Module 5-1 Milestone**

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What is the purpose of the timerCallback() function?

* For the way I set up my code it invokes the morseStateMachine(); which updates the state of the LED’s based on the morse code sequence.

What does period mean in this context?

* Period refers to the interval of time between consecutive callings of the timer callback function.

How does the Timer\_CONTINUOUS\_CALLBACK parameter impact the driver?

* The parameter configures the timer to operate in continuous mode, meaning the timer will repeatedly generate interruptions at regular intervals and call the specified callback function each time the interrupt occurs.

What is gpioButtonFxn0() used for?

* The function is a callback function that is invoked when an interrupt is triggered by pressing the button connected to CONFIG\_GPIO\_BUTTON\_0.

What is the purpose of GPIO\_CFG\_IN\_INT\_FALLING?

* The GPIO\_CFG\_IN\_INT\_FALLING configuration is used to detect when a button connected to the GPIO pin is pressed.