Q: Activate each of the inputs for several seconds and then press the stop button to stop the recording.

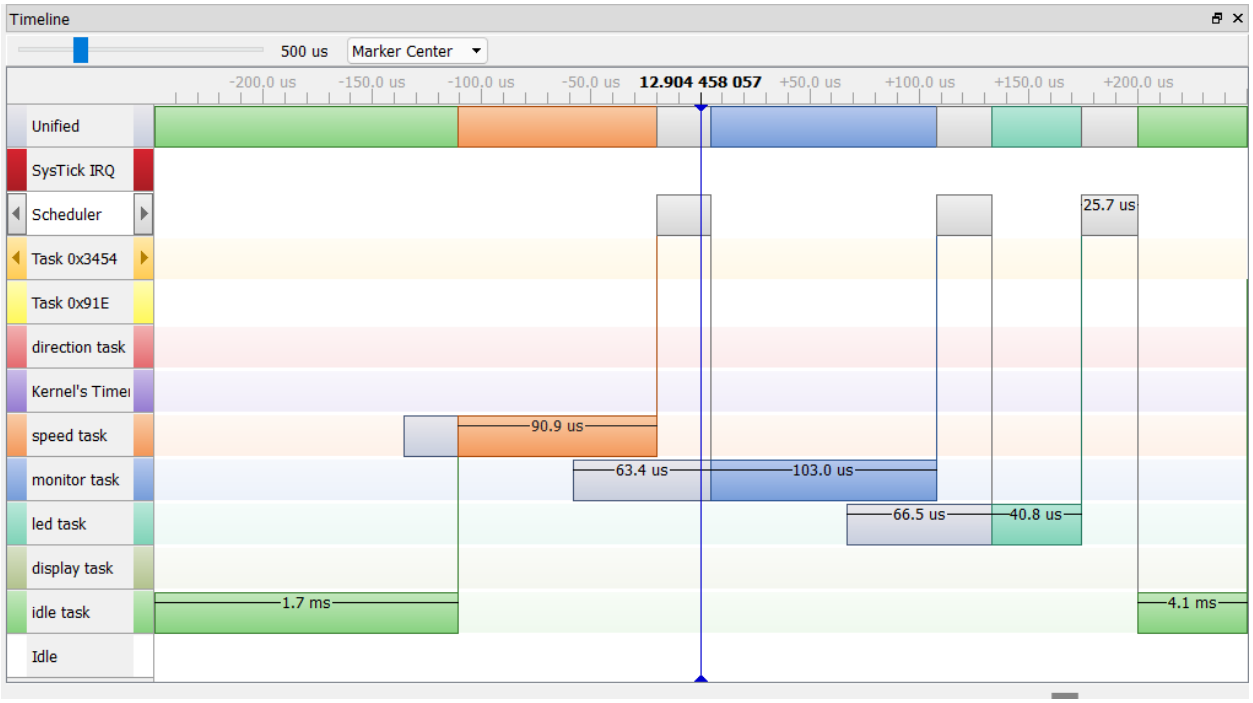

Fig. Speed Task

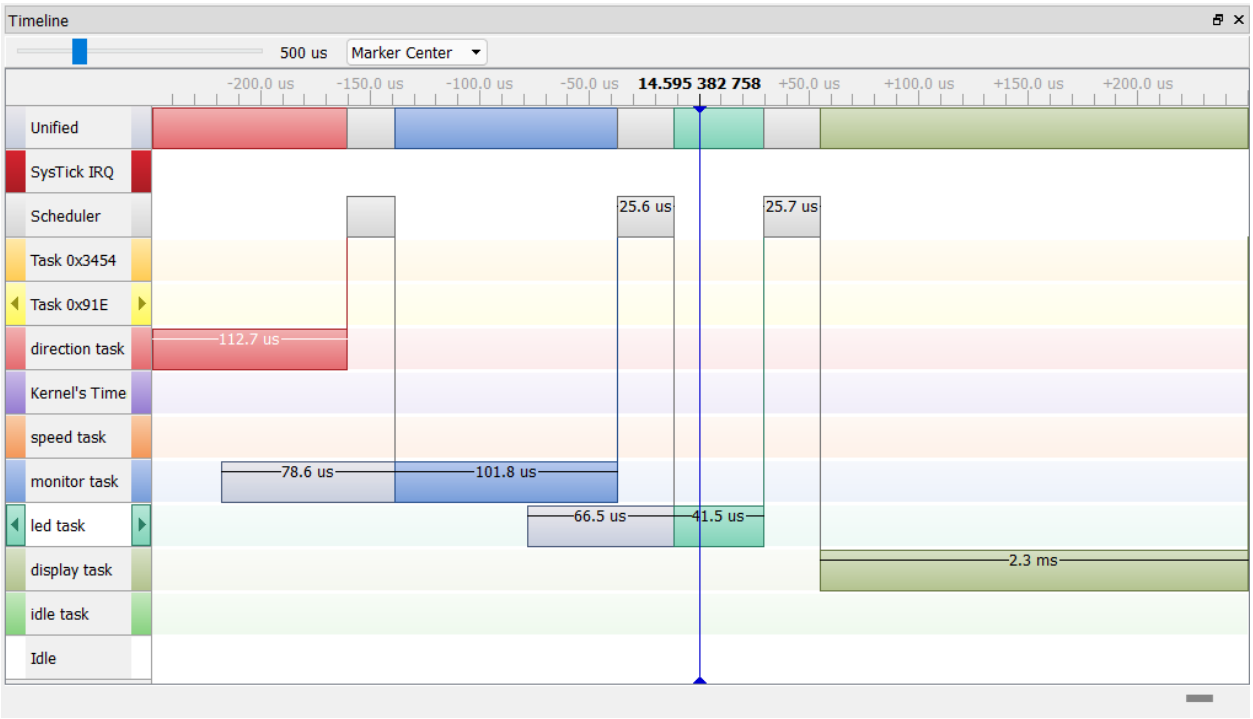

Fig. Direction Task

Q:Check the scheduling of each task. Is each task scheduled as expected?Explain

Yes, as seen in above, the monitor task, led task and display task occur after the execution of direction task or speed task. It is due to the scheduling. Monitor task is pending the event flag from speed task and direction task. And the LED task is pending the event flag from the monitor. So, as long as those tasks occur in sequence, then they are scheduled as expected.

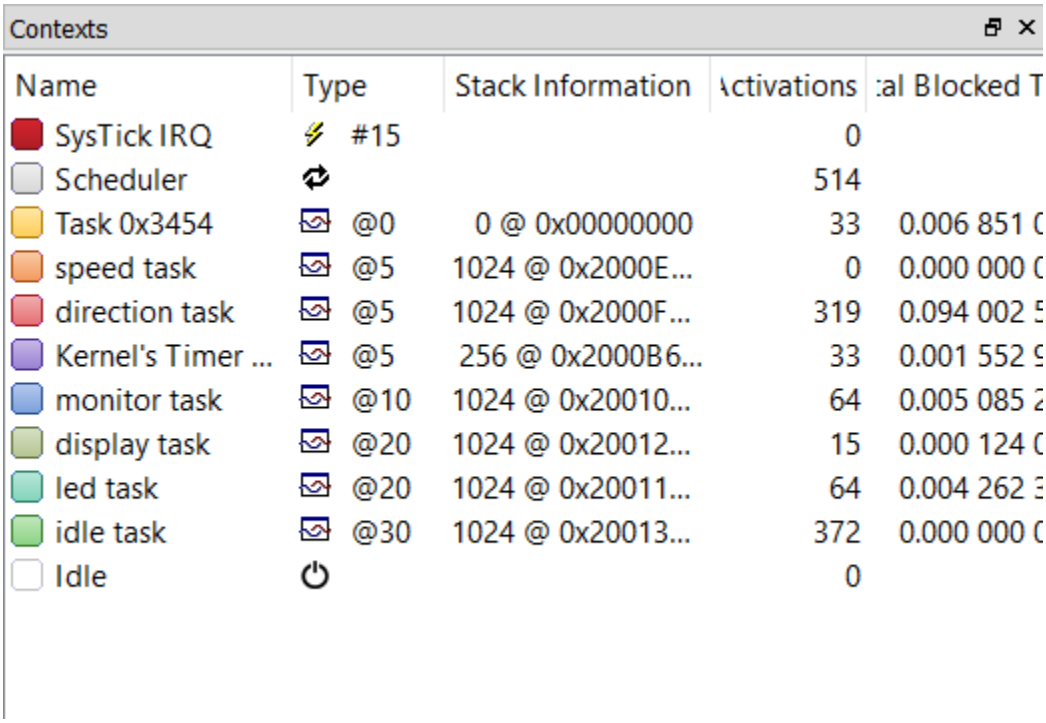

Fig. Priority

And speed task and direction task have the highest priority, followed by the monitor task, display task and led task.