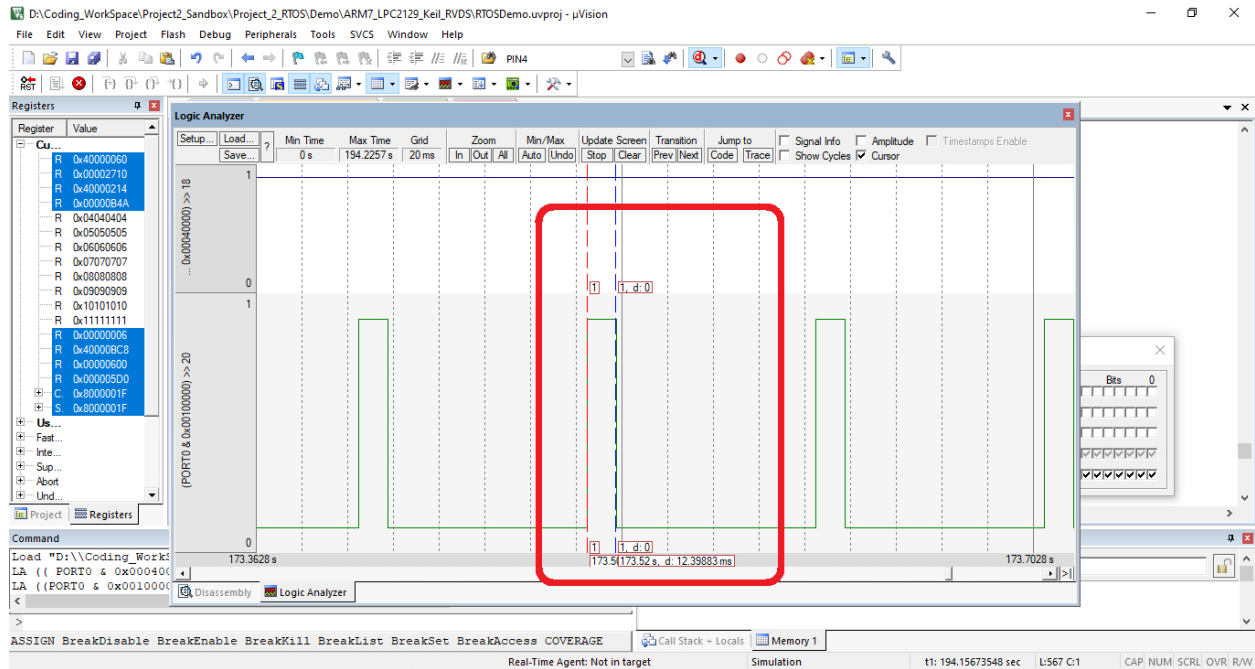


## EDF Scheduler Report:

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- **Hyperperiod** = Least common multiplier (50 , 50 , 100 , 20 , 10 , 100) = **100**
- **CPU Load** =  $( (2 * 1) + (2 * 1) + (1 * 1) + (5 * 1) + (10 * 5) + (1 * 12) ) / 100 = \underline{0.72} = \underline{72\%}$
- ExecutionTime\_Button\_1\_Monitor = 1 ms
- ExecutionTime\_Button\_2\_Monitor = 1 ms
- ExecutionTime\_Periodic\_Transmitter = 1 ms
- ExecutionTime\_Uart\_Receiver = 1 ms
- ExecutionTime\_Load\_1\_Simulation = 5 ms
- ExecutionTime\_Load\_2\_Simulation = 12 ms

- As an example, Measurement of “Load\_2\_Simulation” task using Keil logic analyzer:



- Simso Gantt chart :

