Reviewed by: Devon Stedronsky

Module Name: 10-Millisecond Timer Requirements

**Stopwatch Requirements Checklist**

1. Is requirements document written clearly and grammatically correct?

Yes [ x] No [ ]

Comments:

1. Does requirements document define all tasks to be performed?

Yes [ x] No [ ]

Comments:

1. Does requirements document include all inputs and outputs to the module along with their corresponding accuracy, range of values, frequency and format?

Yes [ x] No [ ]

Comments:

1. Is each requirement unique?

Yes [ ] No [ x]

Comments:

Timer\_RST\_001 is not unique. Timer\_RST\_002 and Timer\_RST\_003 can be changed to include the reset signal directly.

1. Does requirements document comply with system requirements and traceability?

Yes [ x] No [ ]

Comments:

1. Is terminology consistent with standards?

Yes [ ] No [ x]

Comments:

The variable name for the maximum counting value should be explicitly named.

1. Is it possible to implement all requirements?

Yes [ x] No [ ]

Comments:

1. Is each requirement testable or verifiable?

Yes [ x] No [ ]

Comments:

I would suggest parameterizing the maximum count value with an instance generic so that the module is more flexible.