Report: Exercise 2

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Abstract

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Description

Results Below is a table of the different tests we ran, the preconditions and the results.

Name	Preconditions	Description	Expected result	Test result
Steady-state test	Power is on, and the board is connected	Upload program to card, push reset switch	The board is powered and LED 7 should be on	Passed
Move LED right test	Program is active, only LED 7 is on	Push switch 6	LED 7 should be turned off and LED 6 should be turned on	Passed
Move LED left test	Program is active, only LED 6 is on	Push switch 7	LED 6 should be turned off and LED 7 should be turned on	Passed
Left LED wrap-around test	Program is active, only LED 7 is on	Push switch 67	LED 7 should be turned off and LED 0 should be turned on	Passed
Right LED wrap-around test	Program is active, only LED 0 is on	Push switch 6	LED 0 should be turned off and LED 7 should be turned on	Passed
Long push test	Program is active, only LED 7 is on	Push and hold switch 6 for a few seconds	LED 7 should be turned off and LED 6 should be turned on as soon as the switch is pushed	Passed

5 Evaluation of assignment

6 Conclusion

7 Appendix

References

[1] TDT4258 Compendium `http://www.idi.ntnu.no/emner/tdt4258/_media/kompendium.pdf`
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