AUTONOMOUS TESTING OF PCBA

DTU + ICEpower

Ásbjörn Eðvaldsson Mon, 23/1/2023 Jan 23, 2023 Jan 30, 2023 Feb 6, 2023 Feb 13, 2023 Feb 6, 2023 Feb 13, 2023 Feb 20, 2023 Feb 27, 2023 May 29, 2023 May 29, 2023 Jun 12, 2023 Jun 19, Display Week: 3 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 12 22 14 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 12 22 14 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 12 12 23 14 25 16 17 18 19 20 12 12 23 14 25 16 17 18 19 20 12 12 23 14 25 16 17 18 19 20 12 12 23 14 25 16 17 18 19 20 12 12 13 14 15 16 17 18 19 20 12 12 13 14 15 16 17 18 19 20 12 12 13 14 15 16 17 18 19 20 12 12 13 14 15 16 17 18 19 20 12 12 13 14 15 16 17 18 19 20 12 12 13 14 15 16 17 18 19 20 12 12 13 14 15 16 17 18 19 20 12 12 13 14 15 16 17 18 19 20 12 12 13 14 15 16 17 18 19 20 12 13 14 15 16 17 18 19 20 12 1 Introduction and theory Get to know the equipment and first draft of plan 23/1/23 2/2/23 Write a concise plan based on aquired knowledge 3/2/23 5/2/23 Make a first draft of LTspice simulation 30/1/23 5/2/23 6/2/23 13/2/23 Make something and note what to test in equipment 9/2/23 19/2/23 20/2/23 22/2/23 Make a first test program for automation Make a PCB to use in testing 21/2/23 1/3/23 Do first tests of the PCB 2/3/23 10/3/23 8/3/23 13/3/23 Visualize the data gotten from tests 13/3/23 23/3/23 Do more tests based on visualized and/or missing data Final testing and visualizing Link theory and data from previous tests 24/3/23 10/4/23 10/4/23 16/4/23 Change test setup to verify theory matching 16/4/23 5/5/23 Make final drawings and schematics for report 5/5/23 10/5/23 15/5/23 1/6/23 Do final lab tests Prepare the structure of the report 13/3/23 14/3/23 20/3/23 21/3/23 Write the problem statement properly 3/4/23 13/4/23 Write down roughly what has been done Write the main matter of the report 23/4/23 2/6/23 3/6/23 23/6/23 Finalize report and defence Insert new rows ABOVE this one