

## I. IDENTIFICATION DATA

<b>Thesis title:</b>	<b>Design of FLASH Memory Reliability Test System</b>
<b>Author's name:</b>	<b>H. Ece Aykol</b>
<b>Type of thesis :</b>	master
<b>Faculty/Institute:</b>	Faculty of Electrical Engineering (FEE)
<b>Department:</b>	Department of Microelectronics
<b>Thesis reviewer:</b>	Ing. Ján Scheirich, Ph.D.
<b>Reviewer's department:</b>	Honeywell International, Advanced Technology Europe

## II. EVALUATION OF INDIVIDUAL CRITERIA

<b>Assignment</b>	<b>challenging</b>
<i>How demanding was the assigned project?</i>	
Presented thesis describes a complex engineering problem of a FLASH memory testing including description of the technology, test setup and algorithms, test results, and proposed improvements.	

<b>Fulfilment of assignment</b>	<b>fulfilled</b>
<i>How well does the thesis fulfil the assigned task? Have the primary goals been achieved? Which assigned tasks have been incompletely covered, and which parts of the thesis are overextended? Justify your answer.</i>	
All assigned tasks have been completed.	

<b>Methodology</b>	<b>correct</b>
<i>Comment on the correctness of the approach and/or the solution methods.</i>	
Applied methodology is appropriate for the presented technical solution.	

<b>Technical level</b>	<b>A - excellent.</b>
<i>Is the thesis technically sound? How well did the student employ expertise in the field of his/her field of study? Does the student explain clearly what he/she has done?</i>	
Please insert your comments here.	

<b>Formal and language level, scope of thesis</b>	<b>A - excellent.</b>
<i>Are formalisms and notations used properly? Is the thesis organized in a logical way? Is the thesis sufficiently extensive? Is the thesis well-presented? Is the language clear and understandable? Is the English satisfactory?</i>	
The presented work exceeds formal and language demands.	

<b>Selection of sources, citation correctness</b>	<b>A - excellent.</b>
<i>Does the thesis make adequate reference to earlier work on the topic? Was the selection of sources adequate? Is the student's original work clearly distinguished from earlier work in the field? Do the bibliographic citations meet the standards?</i>	
The thesis cites numerous relevant references to support its statements. The presented work was performed for external commercial company so a lot of inputs to the work are external. However, these inputs are clearly identified and cited. The bibliographic citation meets the internationally accepted standards.	

<b>Additional commentary and evaluation (optional)</b>
<i>Comment on the overall quality of the thesis, its novelty and its impact on the field, its strengths and weaknesses, the utility of the solution that is presented, the theoretical/formal level, the student's skillfulness, etc.</i>
Please insert your comments here.



## THESIS REVIEWER'S REPORT

### III. OVERALL EVALUATION, QUESTIONS FOR THE PRESENTATION AND DEFENSE OF THE THESIS, SUGGESTED GRADE

Realization and execution of a complex technical solution was presented by the author of this thesis. The work was executed for an external commercial company and its linkage to products improvements was demonstrated. Author's added value to the teamwork is clearly indicated and its extent is exceeding demands on theses of such type.

The grade that I award for the thesis is **A - excellent**.

Date: **17.8.2020**

Signature: