

**ASSIGNMENT COVERSHEET FOR INDIVIDUAL WORK**

**Faculty of Design and Creative Technologies**

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| **Paper Name** | Embedded Systems Design | | **Paper Code:** | ENEL712 | **Assignment Due Date** |  |
| **Lecturer:** | Professor Jack Li | | **Tutorial Day** |  | **Date Submitted** |  |
| **Tutor:** |  | | **Tutorial Time** |  | **No.Words/Pages** |  |
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Auckland University of Technology



School of Engineering, Computer and Mathematical Science

**ENEL712 Embedded Systems Design**

**Project Report**

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# Introduction (Use style Heading 1)

This template serves as an example for report writing and assignment submission in digital format [1].

## Background (Use style Heading 2)

For equations, please numerate them according their appearance in the report.

(1)

(2)

## Introduction to Microcontroller



Figure 1. A sample of Embedded Digital System (using Figure Caption)

# Objectives (Use style Heading 1)

Table 1. List of Available Microcontrollers (using Table Caption)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S/N | Brand | Model | I/O Type |  |
| 1 | Amtel | AT90USB1287 |  |  |
| 2 | TI |  |  |  |
| 3 | Microchip |  |  |  |

# Methodologies

## Design of Flowchart

### Flowchart Components

# Results

## Simulation Results

## Experimental Results

## Comparison of Results

# Discussions

# Conclusion

# References

[1] I. Grant, *How to speak well in public and in private!*, 302.2GRA ed.: Random House New Zealand, 2007.

# Appendix