

# An Introduction to Arduino a low cost digital prototyping platform

David Kirwan, Someone Else, and An Other

South East Makerspace  
Old Printworks, Thomas Hill  
Waterford City, X91 TW63

`dkirwan@tssg.org, someone@somewhere.com, another@abc.com`

`https://www.southeastmakerspace.org`



**Abstract.** What is an Arduino? Some information about what this workshop hopes to achieve etc. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean imperdiet congue nisi, eu ultrices elit sollicitudin nec. Vestibulum vitae pretium enim. Mauris eu nulla lectus. Donec eu arcu sem. Pellentesque quis metus eget quam efficitur fringilla tristique vitae neque. Nulla at erat ac felis mollis vulputate id vitae justo. Donec ac rutrum neque. Pellentesque at mollis arcu, quis blandit orci. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

**Keywords:** arduino, digital electronics, prototyping, introduction

## Acknowledgements

I'd like to thank my legs, for always supporting me; my arms, who are always by my side and lastly my fingers, I can always count on them.

## Table of Contents

An Introduction to Arduino a low cost digital prototyping platform . . . . .	1
<i>SEMS</i>	
<b>List of Figures</b> . . . . .	4
<b>List of Tables</b> . . . . .	5
<b>Introduction</b> . . . . .	6
<b>Experiment 1</b> . . . . .	7
<b>Experiment 2</b> . . . . .	8
<b>Experiment 3</b> . . . . .	9
<b>Experiment 4</b> . . . . .	10
<b>Experiment 5</b> . . . . .	11
<b>Conclusions</b> . . . . .	12
<b>Glossary</b> . . . . .	13
<b>Appendices</b> . . . . .	15
<b>Appendices</b> . . . . .	15
<b>Bibliography</b> . . . . .	16

## List of Figures

1	Arduino Uno R3 [Wikipedia, 2013] .....	6
---	--	---

Introduction to Arduino	5
-------------------------	---

## List of Tables

1 Table Caption .....	6
-----------------------	---

# Introduction

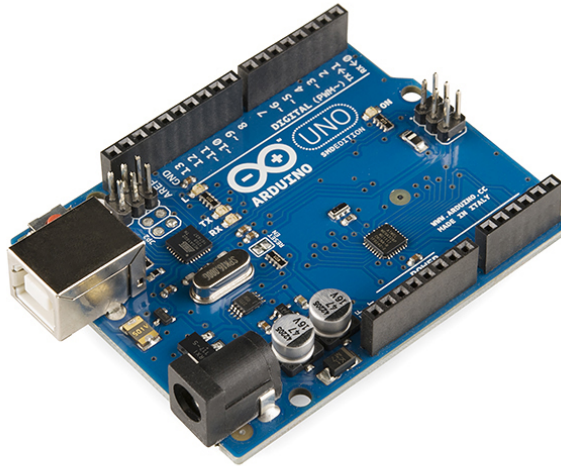


Fig. 1: Arduino Uno R3 [Wikipedia, 2013]

Example of the glossary tag being used Arduino.

Column 1	Column 2
x	1
y	2
z	3

Table 1: Table Caption

# Experiment 1

Outline each experiment in a separate chapter

## Experiment 2

Outline each experiment in a separate chapter



## Experiment 3

Outline each experiment in a separate chapter

## Experiment 4

Outline each experiment in a separate chapter

## Experiment 5

Outline each experiment in a separate chapter

## Conclusions

- item 1
- item 2
- item 3
- item 4

## Glossary

**Arduino** an open-source electronics platform based on easy-to-use hardware and software. It's intended for anyone making interactive projects. <https://www.arduino.cc/>.

## Appendix

## Bibliography

Wikipedia. Arduino uno r3, 2013. URL [https://commons.wikimedia.org/wiki/File:Arduino\\_Uno\\_-\\_R3.jpg](https://commons.wikimedia.org/wiki/File:Arduino_Uno_-_R3.jpg).