



Mu Keyboard Shortcut Cheat Sheets

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Mu Editor – New User Cheat Sheet – CircuitPython Mode

1. Select Adafruit CircuitPython Mode

If you chose the wrong mode when the editor started, use the mode button to change it, (Ctrl-Shift-M)



You can see what Mode the editor is in at the bottom right of the window (Ctrl-Shift-D)

2. Create, Load, and Save Files

New (Ctrl-N), Load (Ctrl-O), and Save (Ctrl-S) files

To Rename / Save As, double click the filename in the tab (Ctrl-Shift-S)

Mu auto saves every 5 seconds

Next to a filename, a * means the file has been updated and not saved

3. Text Editing

Right mouse click brings up the text edit menu:

Copy text (Ctrl-C)	Undo
Paste text (Ctrl-V)	Redo
Cut text (Ctrl-X)	Cut
You can also Undo (Ctrl-Z) and Redo (Ctrl-Y) your last edit	Copy
	Paste
	Delete
Select All text (Ctrl-A)	Select All

4. Python Editing

Select some lines of code then press:

- Ctrl-F : Show Find / Replace Dialog
- Ctrl-K : To toggle comments
- TAB : indent code block
- Shift-TAB : Remove indent
- Ctrl-Left/Right/Up/Down Arrows : Move the cursor one word that direction

Change between light, dark, and darker backgrounds (F1)

Increase/decrease code font size (Ctrl + / Ctrl -)

5. Run Your Code and the REPL

In CircuitPython, the code runs as soon as the file is saved to the CIRCUITPY flash drive.

To view program output from print statements or interact with the REPL, use the Serial button (Ctrl-Shift-U)

Keys available in the REPL:

- Ctrl-C : Stop the program and enter REPL
- Ctrl-D : Exit REPL and run program
- Ctrl-Shift-C : Copy highlight text to clipboard
- Ctrl-Shift-V : Copy clipboard to REPL

6. More

Plot the value of a tuple over time with the Plotter (Ctrl-Shift-P)

Check for code syntax errors (F2)

Get Help with Mu (Ctrl-H)

Exit Mu (Ctrl-Q)

[More Keyboard Shortcuts](#), Tutorials and Download Mu from <https://codewith.mu/>

Cheat Sheet version 1.00 @Adafruit patterned after @DesignMakeCode

<https://learn.adafruit.com/mu-keyboard-shortcut-cheat-sheets>

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Overview



Adafruit really likes the [Mu editor \(https://adafru.it/ANO\)](https://adafru.it/ANO) as being the best way to edit CircuitPython code. Mu works on multiple platforms and it has built-in functionality to work with Adafruit boards as well as micro:bit, PyGame, and Python 3.

Python 3 Mode Cheat Sheet

In December, 2018, [Jon Mayland posted \(https://adafru.it/Ddd\)](https://adafru.it/Ddd) a cheat sheet for using Mu in **Python 3 Mode**, Various menu items are listed and some keyboard shortcuts.

[Click this link here to see his tweet with the images! \(https://adafru.it/Ddd\)](https://adafru.it/Ddd)

CircuitPython Mode Cheat Sheet

The sheet below is patterned after the Python 3 mode sheet but is tailored towards the CircuitPython mode in Mu. Mu in **Adafruit CircuitPython Mode** does not have debug features but it does have serial and REPL capability. Here is Adafruit's CircuitPython mode sheet and file links:



Mu Editor – New User Cheat Sheet – CircuitPython Mode

1. Select Adafruit CircuitPython Mode

If you chose the wrong mode when the editor started, use the mode button to change it. (Ctrl-Shift-M)

Adafruit CircuitPython
Use CircuitPython on Adafruit's line of boards.

You can see what Mode the editor is in at the bottom right of the window (Ctrl-Shift-D)

2. Create, Load, and Save Files

New Load Save

New (Ctrl-N), Load (Ctrl-O), and Save (Ctrl-S) files

To Rename / Save As, double click the filename in the tab (Ctrl-Shift-S)

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Right mouse click brings up the text edit menu:

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Paste text (Ctrl-V) Redo

Cut text (Ctrl-X) Cut

You can also Undo (Ctrl-Z) and Redo (Ctrl-Y) your last edit

Select All text (Ctrl-A) Copy Paste Delete Select All

4. Python Editing

Select some lines of code then press:

- Ctrl-F : Show Find / Replace Dialog
- Ctrl-K : To toggle comments
- TAB : Indent code block
- Shift-TAB : Remove indent
- Ctrl-Left/Right/Up/Down Arrows : Move the cursor one word that direction

Change between light, dark, and darker backgrounds (F1)

Theme

Increase/decrease code font size (Ctrl + / Ctrl -)

Zoom-in Zoom-out

5. Run Your Code and the REPL

In CircuitPython, the code runs as soon as the file is saved to the CIRCUITPY flash drive.

To view program output from print statements or interact with the REPL, use the Serial button (Ctrl-Shift-U)

Serial

Keys available in the REPL:

- Ctrl-C : Stop the program and enter REPL
- Ctrl-D : Exit REPL and run program
- Ctrl-Shift-C : Copy highlight text to clipboard
- Ctrl-Shift-V : Copy clipboard to REPL

6. More

Plot the value of a tuple over time with the Plotter (Ctrl-Shift-P)

Plotter

Check for code syntax errors (F2)

Check

Get Help with Mu (Ctrl-H)

Help

Exit Mu (Ctrl-Q)

Quit

[More Keyboard Shortcuts](#). Tutorials and Download Mu from <https://codewith.mu/> Cheat Sheet version 1.00 @Adafruit patterned after @DesignMakeCode

**Mu 1.0 CircuitPython/Adafruit Mode
Cheat Sheet 1.00 (png)**

<https://adafru.it/Dde>

**Mu 1.0 CircuitPython/Adafruit Mode
Cheat Sheet 1.00 (PDF)**

<https://adafru.it/Ddf>

See the next page for the source files in PowerPoint.

Source Files

Only the Adafruit generated CircuitPython mode cheat sheet is available as a source file. It was generated in Microsoft PowerPoint. The PPTX version is for PowerPoint newer than 2003, the PPT version is for PowerPoint 95-2003.

The files are released under an MIT License.

PowerPoint newer than 2003 (PPTX)

**Mu Cheat Sheet 1.0.0 PowerPoint
File (pptx)**

<https://adafru.it/Ddz>

PowerPoint 2003 and older (PPT)

**Mu Cheat Sheet 1.0.0 PowerPoint
File (ppt)**

<https://adafru.it/DdA>