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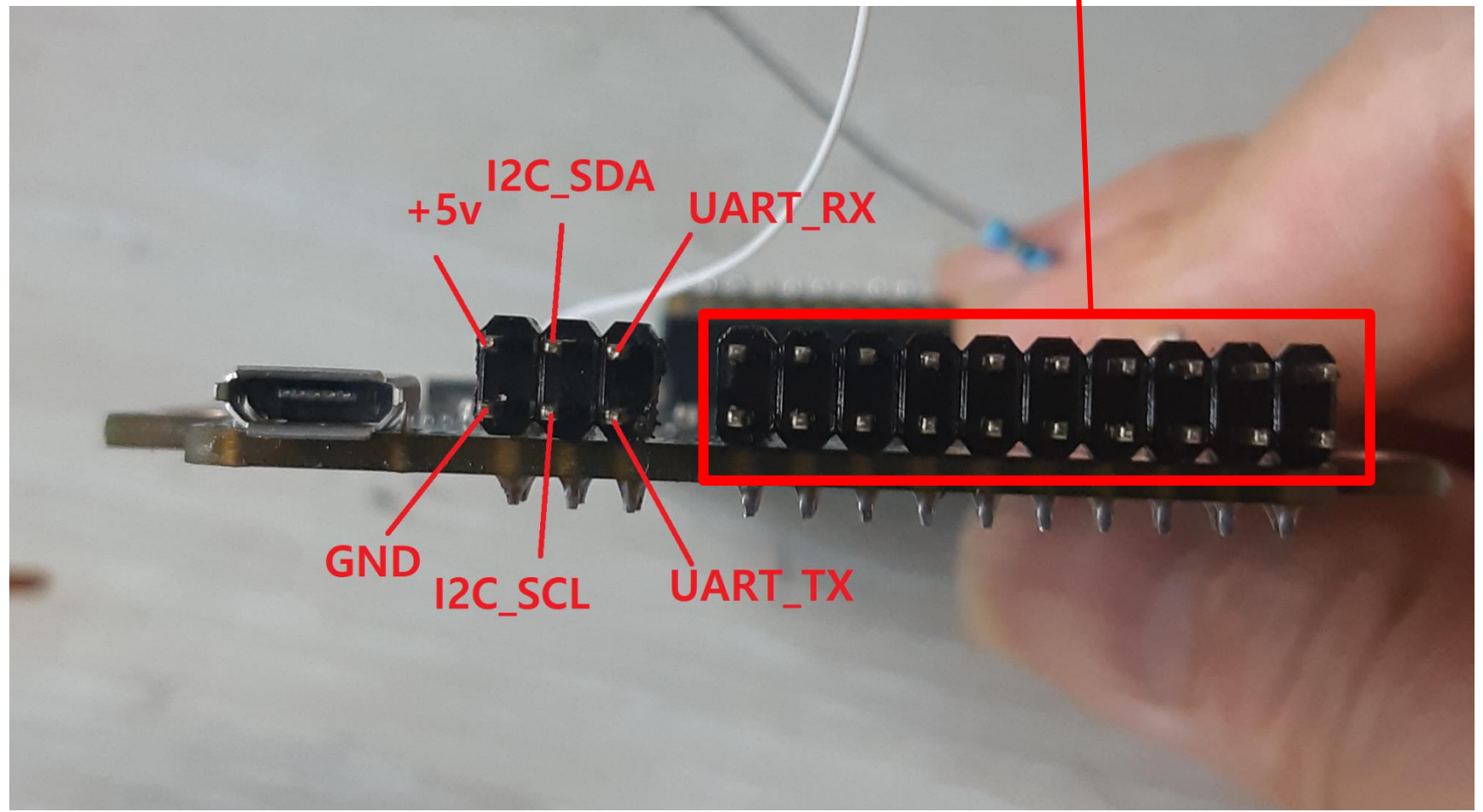
# Snowboard 2 Plus I2C/USART Connection Guide

Kitronyx, Inc  
October 17, 2019



# Pin Map

Place One-point sensor



# How to Use (PC-USART)



# Display (PC-USART) – Snowforce 3

SnowForce3

Device: SB2\_USB Sensor: MS9723 Port1: COM30

RedMap Sensor: Port2: None

Interpolation: 1 Sort Dir:  Horizon  Vertical  Send Data TCP

Log Start Snapshot Disconnect

Grid On/Off  Up/Down  Left/Right  Reverse Rotation: 0  COF

ColorMap 1

ThreShold 0

ADC SUM:	116	Logging Time:	0
ADC MAX:	26	Framrate:	83 (FPS)
ADC AVG:	5		

Log

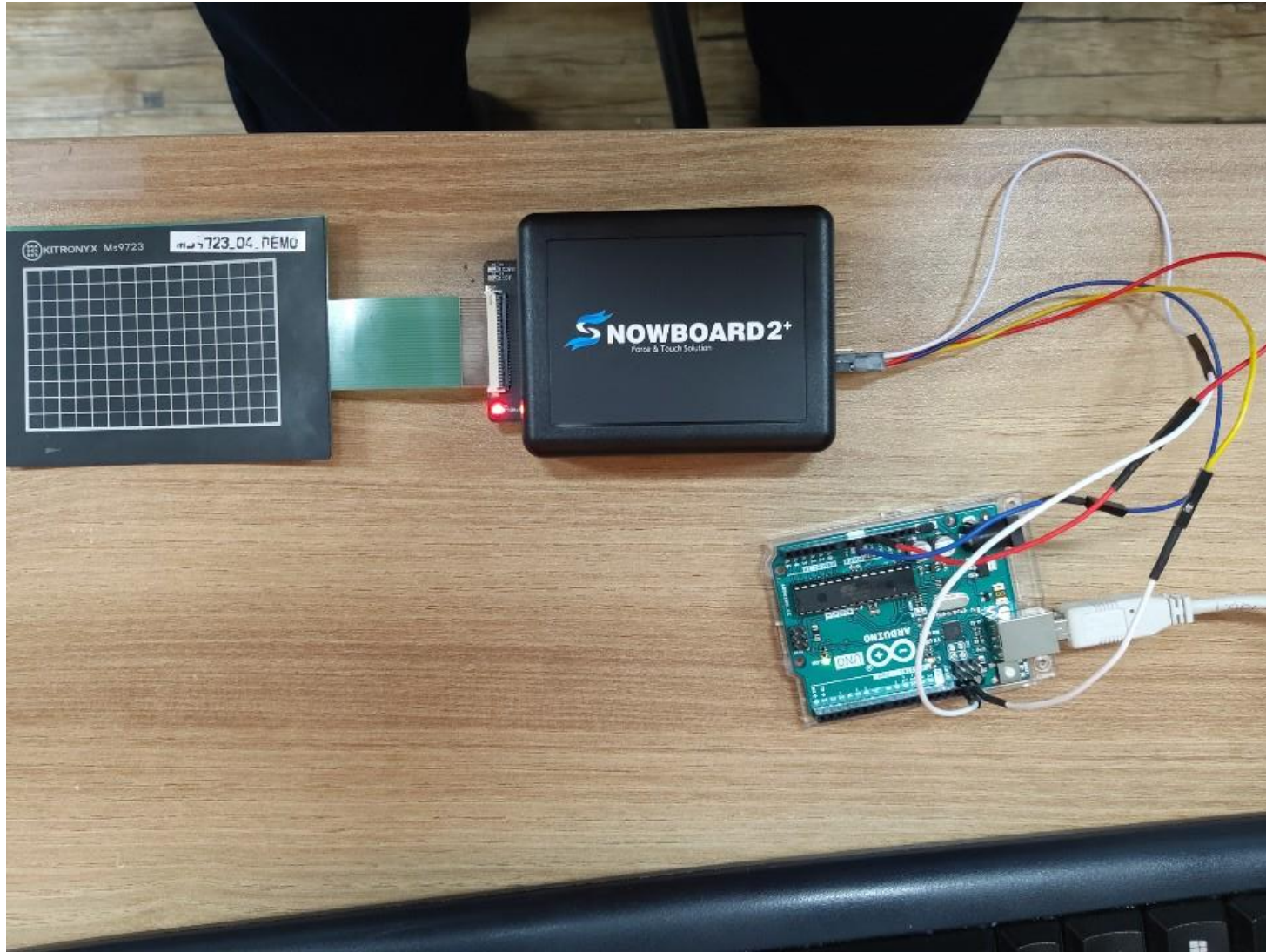
```

Check local folder...
Complete check folder
Select Device : SB2_USB
Select Sensor : MS9723
COM30 is connected
  
```

KITRONYX  
Copyright 2014-2019

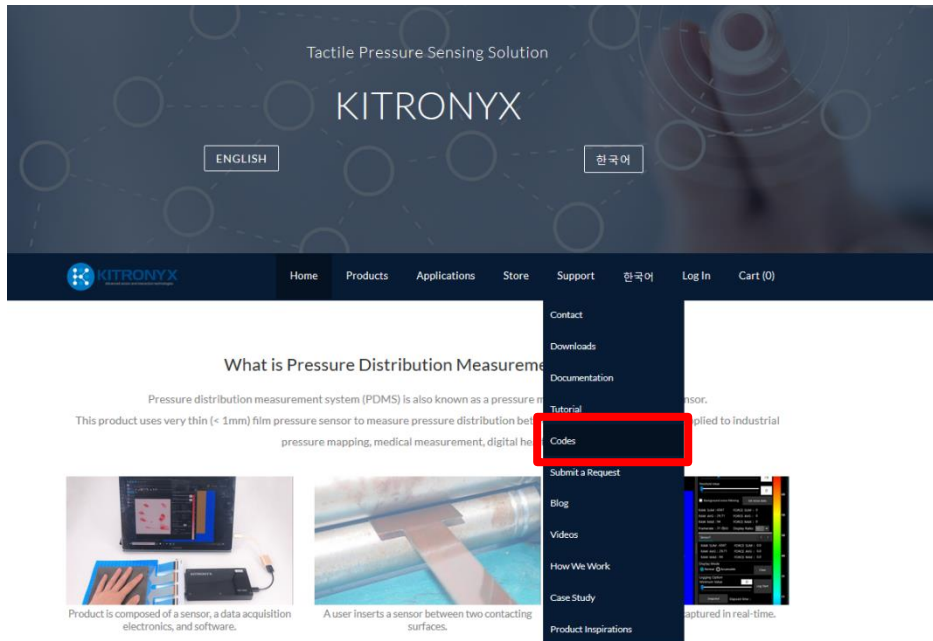


# How to Use (PC-I2C)



# How to Use (PC-I2C)

1. Visit Kitronyx homepage
  - <https://www.kitronyx.com/>
2. Click the [Support]- [Code] tab



# How to Use (PC-I2C)

## 3. Click the snowboard text

### snowboard

Snowboard Arduino firmware and example codes

● C++ 📄 GPL-3.0 🧑 2 ⭐ 4 ! 0 📄 0 Updated on 22 Jan

## 4. Click the [Clone or download] – [Download zip]

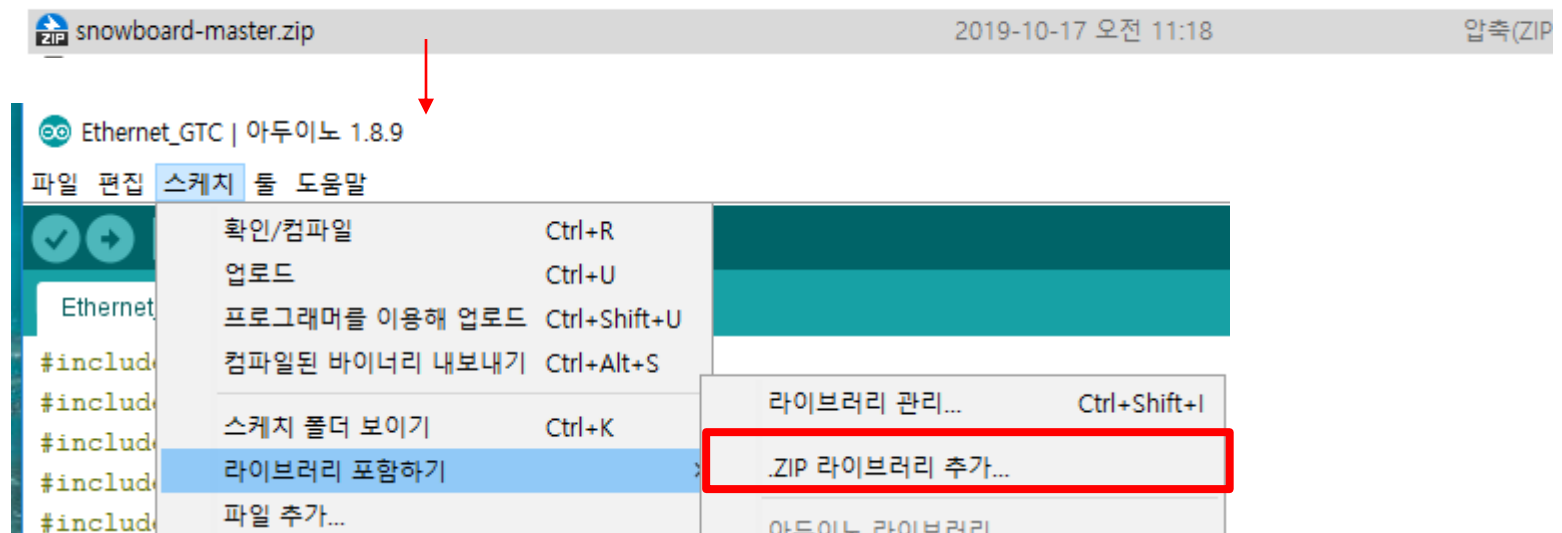
Snowboard Arduino firmware and example codes <http://www.kitronyx.com>

The screenshot shows the GitHub repository page for 'snowboard'. At the top, it displays '14 commits', '1 branch', '0 releases', '2 contributors', and 'GPL-3.0'. Below this, there are buttons for 'Branch: master', 'New pull request', 'Find file', and 'Clone or download'. The main content is a list of files and their commit history:

File Name	Commit Message	Time Ago
examples	Comment Snowboard 2 compatibility issue.	9 months ago
res	added snowboard photo	4 years ago
.gitignore	added bluetooth example for snowboard.	4 years ago
LICENSE	Initial commit	4 years ago
README.md	added snowboard photo	4 years ago
Snowboard.h	Added latest changes	4 years ago
Snowforce.cpp	Added latest changes	4 years ago
Snowforce.h	Added latest changes	4 years ago
Snowtouch.cpp	Added latest changes	4 years ago
Snowtouch.h	Added latest changes	4 years ago
mpr121.h	Added latest changes	4 years ago
readme.txt	Added latest changes	4 years ago

# How to Use (PC-I2C)

## 5. Open the Arduino and add zip library (Result of proceeding to step 4)



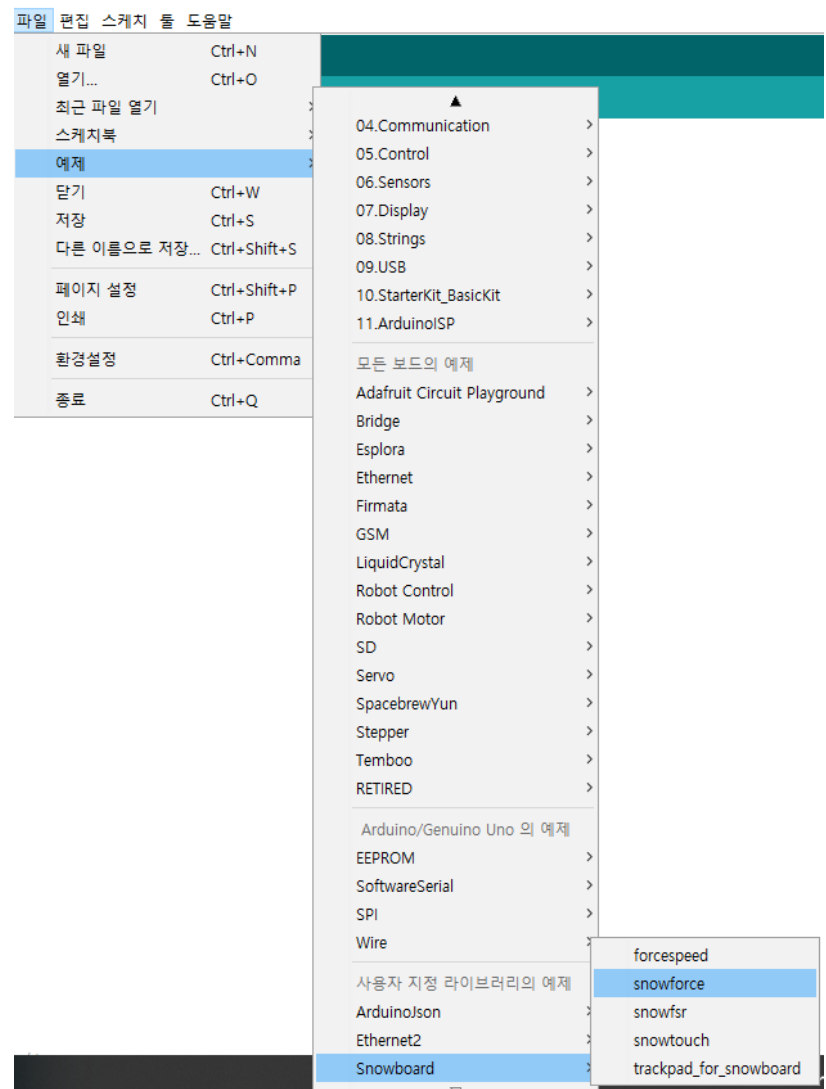
Translate to English  
[Sketch]-[Include Library]-[add zip library]



# How to Use (PC-I2C)

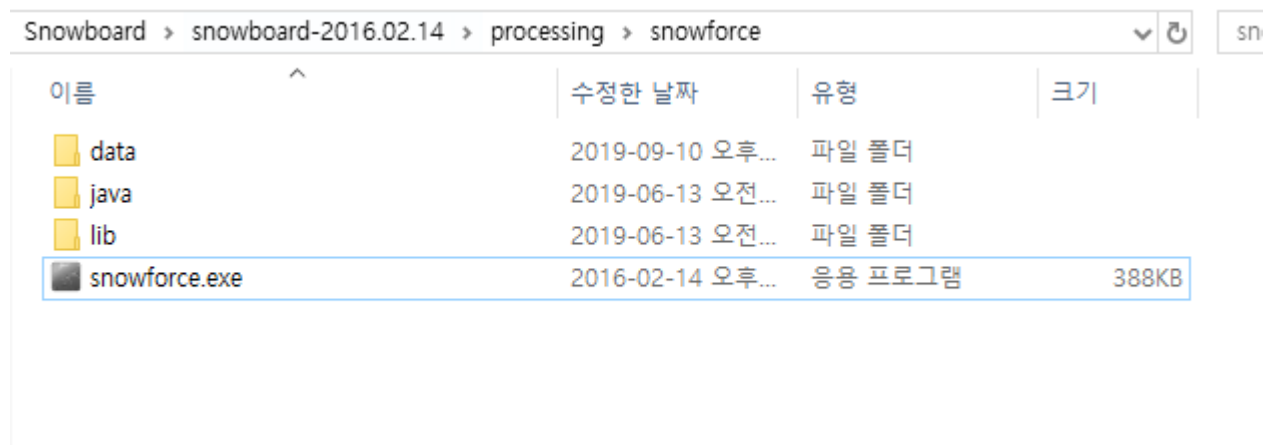
6. Open  
[Files]-[Example]-  
[Snowboard]-[Snowforce]

7. Upload Code to Arduino  
Uno or Leonardo



# How to Use (PC-I2C)

8. Open Your\_Download\_Snowboard\_UnZip\_Path\Snowboard\snowboard-2016.02.14\processing\snowforce\snowforce.exe



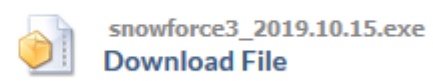
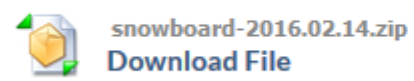
# Display (PC-I2C)

- 9. Choose your Arduino COM port (ex. Com13)
- 10. Click the Start Button



# Note

- Software Download-  
<https://www.kitronyx.com/downloads.html>



- Below the link, You can see more information about our Snowboard or Snowforce 3 application
  - <http://sites.kitronyx.com/wiki/applications/snowforce>

