

# LilyGo T-TV

## Operation Manual



# 1.Insert the USB data cable



## 2.Download Code

link: <https://github.com/Xinyuan-LilyGO/LilyGo-TTV>

The screenshot shows the GitHub repository page for "Xinyuan-LilyGO / LilyGo-TTV". The repository has 1 branch and 0 tags. The "Code" button is highlighted with a red dashed box. The repository has 26 commits from user "lewisyxhe" on 9 Dec 2020. The commits include updates to README, examples, lib, and schematic files.

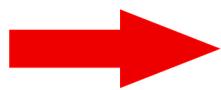
Commit	Message	Date	Commits
lewisyxhe	Update reamde	on 9 Dec 2020	26 commits
examples	Added Sensor examples	2 months ago	
lib	Update libraries	2 months ago	
schematic	Added schematic	2 months ago	
README.MD	Update reamde	2 months ago	

**example:** demo code    **lib:** code required library  
**schematic:** hardware schematic pdf file

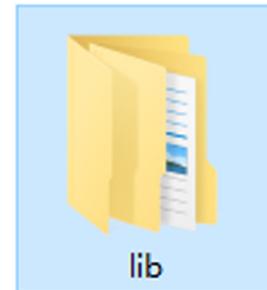
### 3.Unzip



LilyGo-TTV-mas  
ter.zip



examples



lib

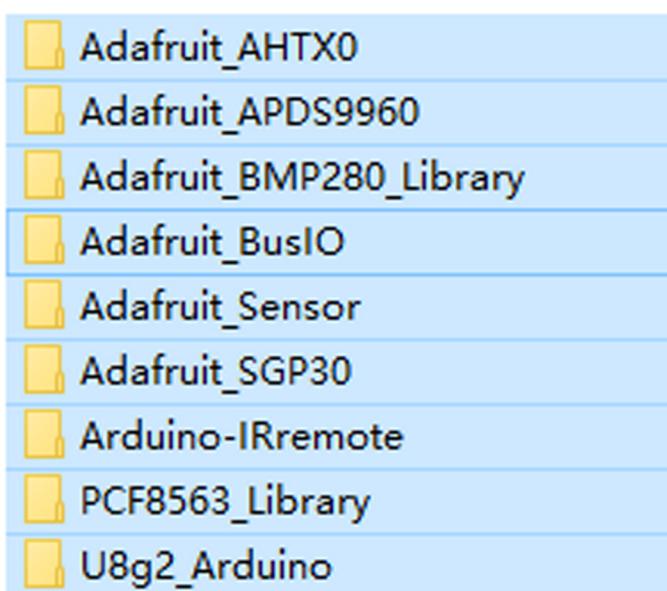


schematic



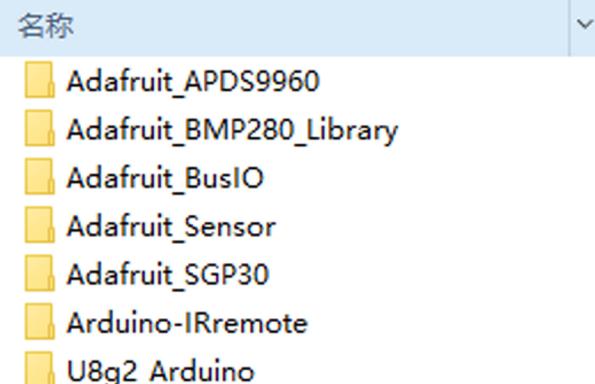
README.MD

### 4.Copy lib to arduino-lib



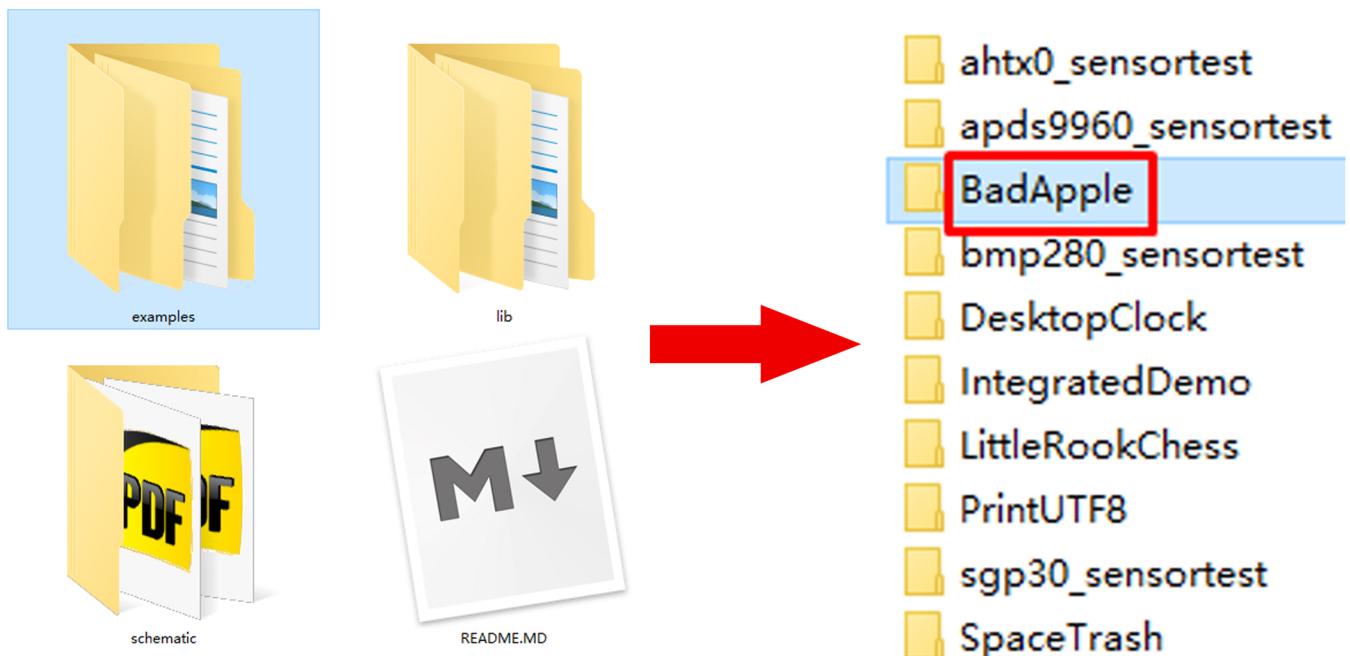
Arduino **lib** location:  
[Documents\Arduino\libraries](#)

Documents > Arduino > libraries >



**Note:** Added here are the library files needed by the demo program. Can **avoid** compilation failure of "XXX.h no such file or directory"

# 5. Open example program



# 6. Click Badapple.ino



**Badapple** is an animation.

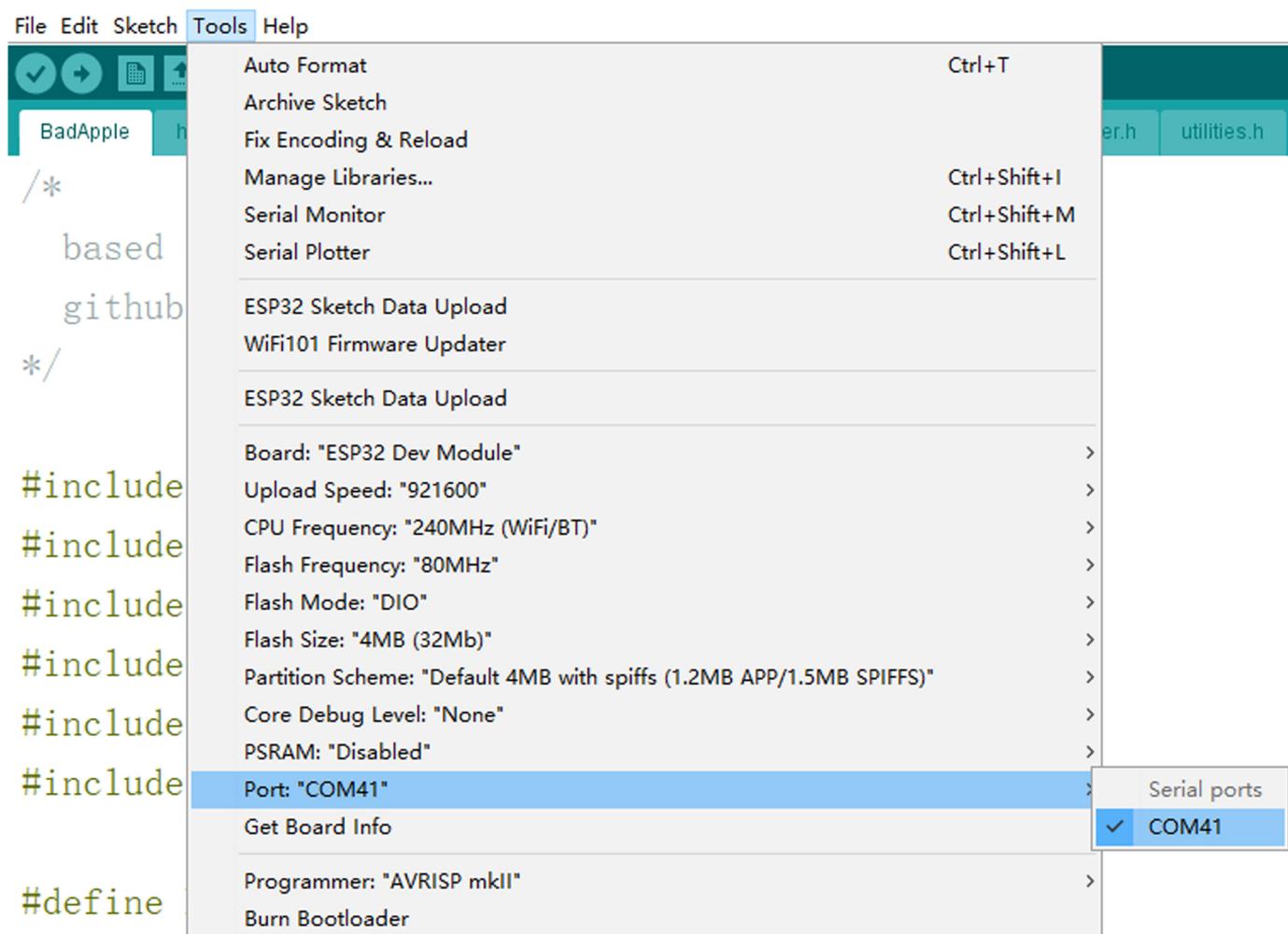
This program uses a transparent screen display

```
BadApple  heatshrink_common.h  heatshrink_config.h  heatsh  
/*  
based on hackffm/ESP32_BadApple  
github:https://github.com/hackffm  
*/
```

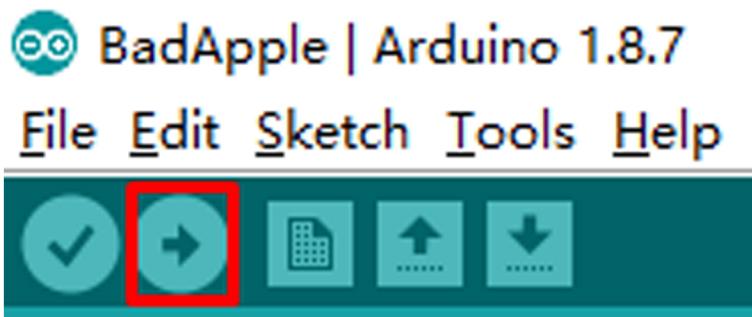
```
#include <U8g2lib.h>  
#include <FS.h>  
#include <SPIFFS.h>  
#include <Wire.h>  
#include "heatshrink_decoder.h"  
#include "utilities.h"
```

```
#define RLEBUFSIZE 4096  
#define READBUFSIZE 2048
```

# 7.Config



# 8.Upload



After the upload is **successful**, the animation will be scrolled. After successful operation, you can also try to upload **other programs**. The **IntegratedDemo** is a merge program(default program)

