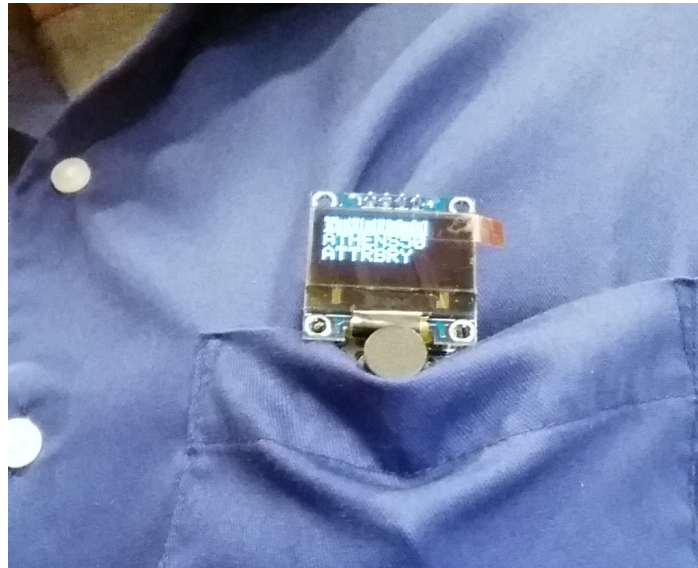


# Pocket Ham Radio Tool (PHaRT 1.0)



Program your VHF/UHF radio anywhere

# PHaRT 1.0



- Stores Channel Memory files on  $\mu$ SD card
- Memory files are standard Chirp .img files
- Allows selection of a Memory file
- Programs Radio with that file

# PHaRT 1.0

- Simple Connection to Radio
- Short press steps thru files
- Long press programs radio



# PHaRT 1.0



- There's 2 ways to manage the files on the  $\mu$ SD card:
  - Drag & drop the files onto the SD card using your computer...

# PHaRT 1.0



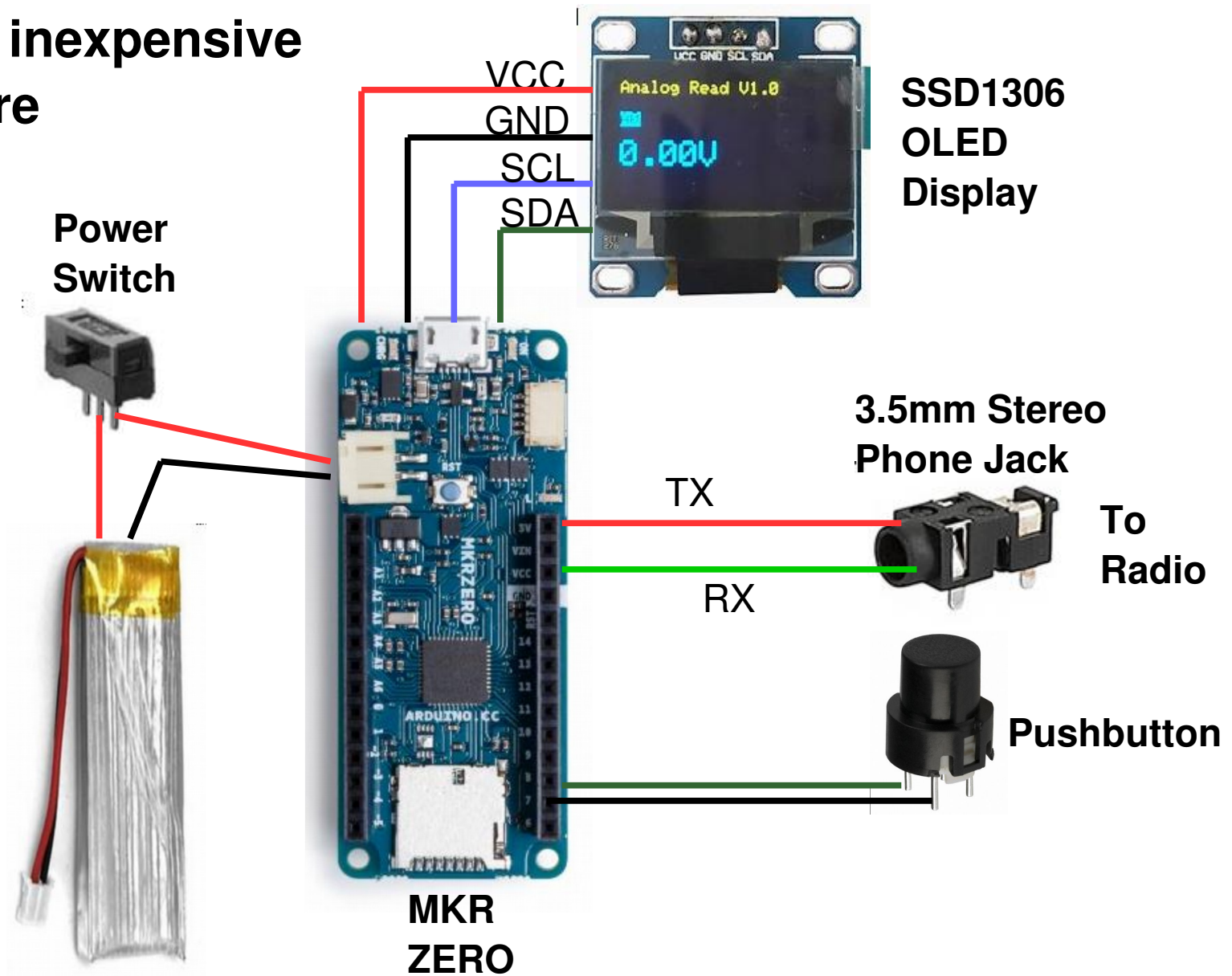
- Or connect your computer to the PHaRT via USB and run my python script to communicate and transfer files

```
LXTerminal
File Edit Tabs Help
$ ./radprog_io.py

1) List Files on SD card
2) Copy a file from SD to harddrive
3) Copy a file from harddrive to SD
4) Delete a file on SD
Type "exit" to quit
Select an action >> 
```

# PHaRT 1.0

Simple, inexpensive hardware



# PHaRT 1.0



- Code was developed in Arduino IDE
- Written in C
- Chirp Python source code was used to develop the radio programming algorithms