

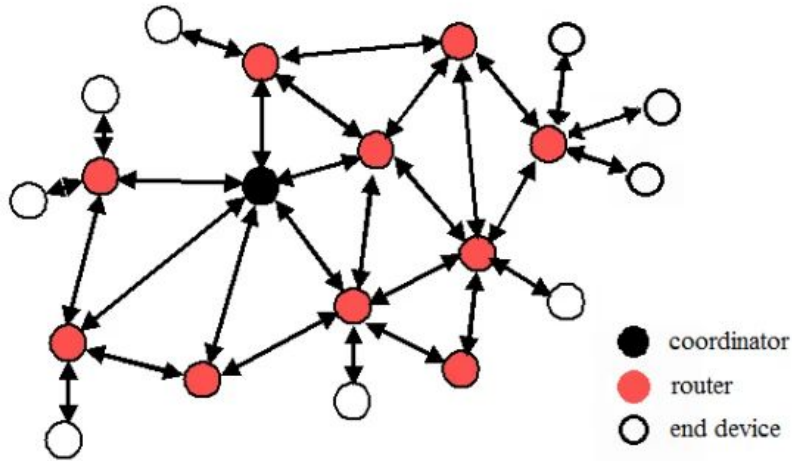
# Meshtastic build night

Thursday Feb. 27th 2025



Instructions at <https://github.com/psuieee/MeshtasticWorkshop>

# What is meshtastic?



Meshtastic is a mesh network communication platform



Meshtastic uses lora, lower power long range, RF signals to communicate.

# About these devices

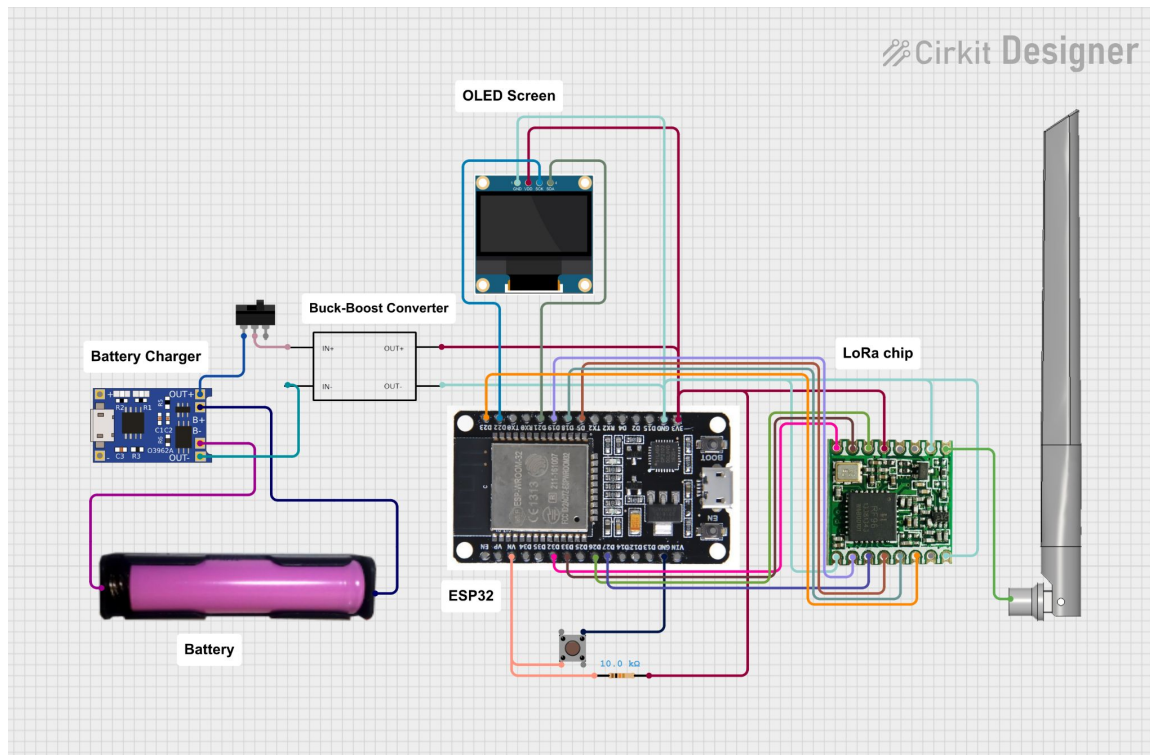
Meshtastic is the software that we are running, but these devices can be use for more!

LoRa is a method of sending data with RF signals.

Other uses include transmitting data for elevation, for experiments that people must be far from, and more.



# The hardware

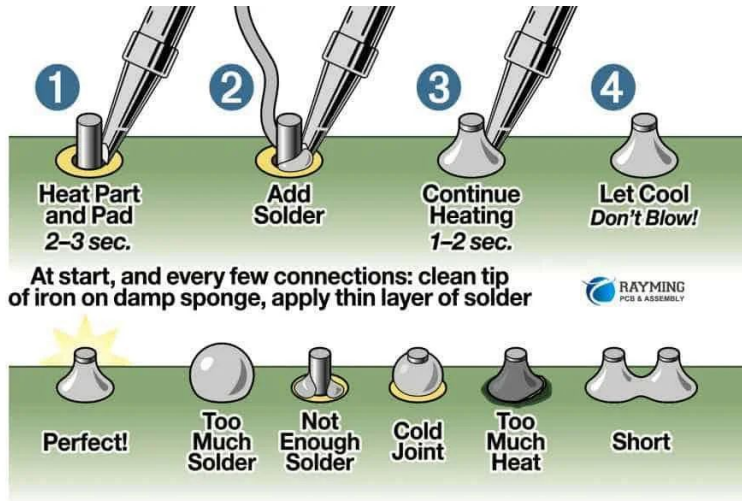


[See the project!](#)

# Soldering Overview

## Through-hole soldering

### Types Of PCB Soldering



## Surface-mount soldering

