

Meshtastic build night

Thursday Feb. 27th 2025

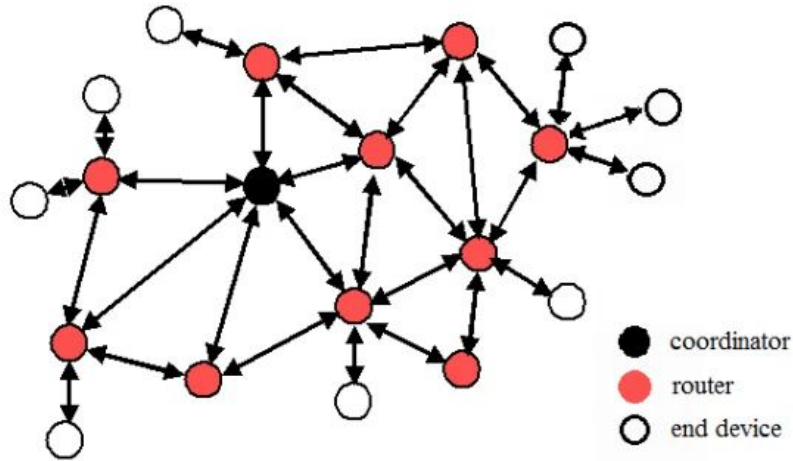


PENN STATE
IEEE



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

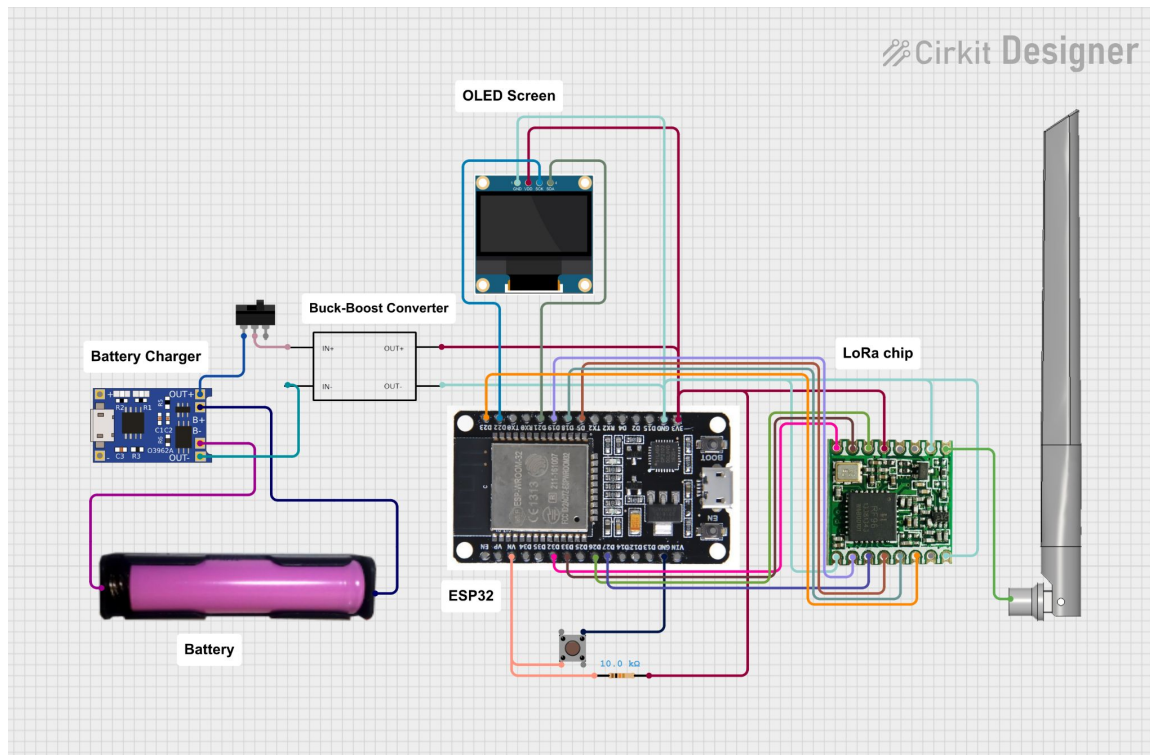
Meshtastic is the software that we are running, but these devices can be use for more!

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

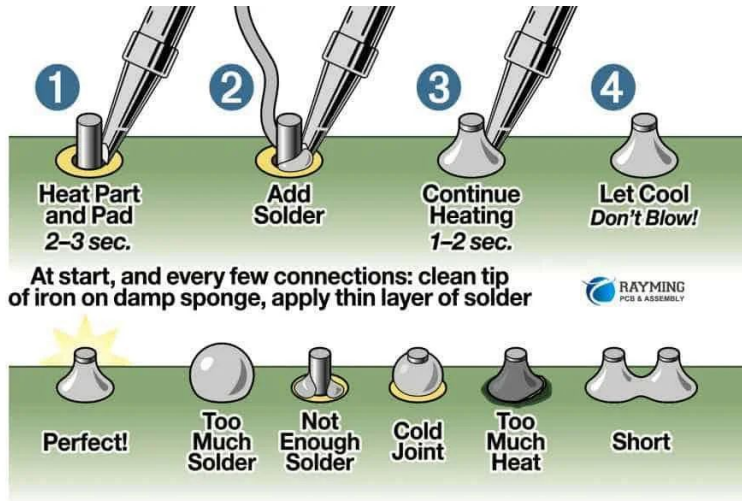


[See the project!](#)

Soldering Overview

Through-hole soldering

Types Of PCB Soldering



Surface-mount soldering

