



Remote Switch ChatterBox Mesh Node - DIY



This can be dangerous, do not attempt unless you have a good understanding of electronics! This feature experimental and may contain bugs!

What it Can Do

- Everything a basic node can do, plus:
- Remotely turn a switch on
- Remotely turn a switch off
- Remotely turn a switch on for 5 sec



T3S3 Paper Node with Relay

Required Components

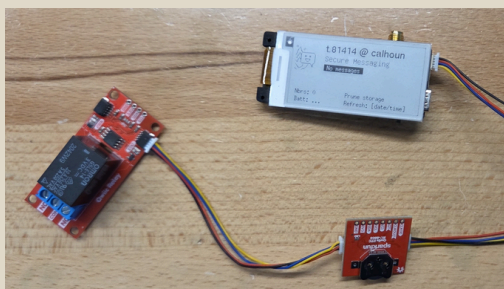
One of the Following time sources, plus a relay, along with Qwiic wire to connect them:

- Adafruit DS3231 RTC
- SparkFun RV-8803 RTC
- SparkFun Qwiic Relay

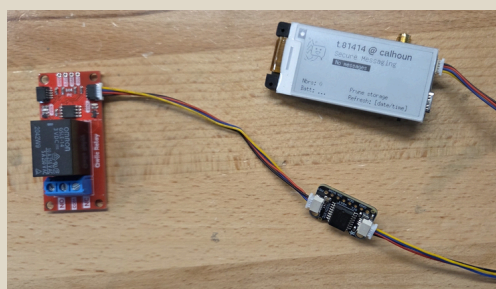
1. Choose one of the following node options:

Chain components together with Qwiic/Stemma QT cables, as shown. You can connect them in any order.

Paper Relay Node Options - Keeps last display if power is cut

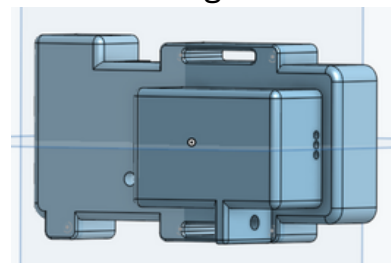


T3S3 Paper + SparkFun RV8807 + Relay

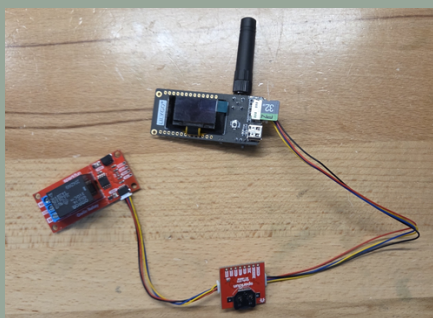


T3S3 Paper + Adafruit DS3231 + Relay

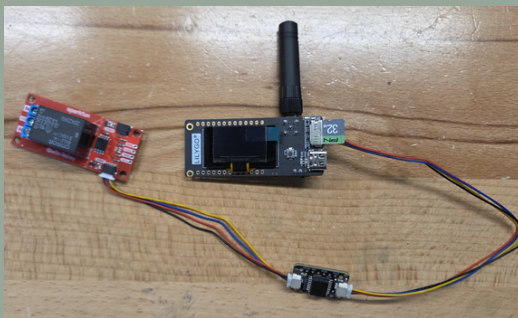
3D Printable Case Designs Coming Soon



OLED Relay Node Options - Visible in the dark



T3S3 + SparkFun RV8807 + Relay



T3S3 + Adafruit DS3231 + Relay



Remote Control Screen

2. Add Compatible SD Card

See [firmware download page](#) for list



3. Install Firmware

<https://chatters.io/firmware>

4. Onboard the Node

- Power up the node
- On your Root communicator, select "Settings / Cluster / Onboard New Device"
- Wait a minute or two, it should automatically join

