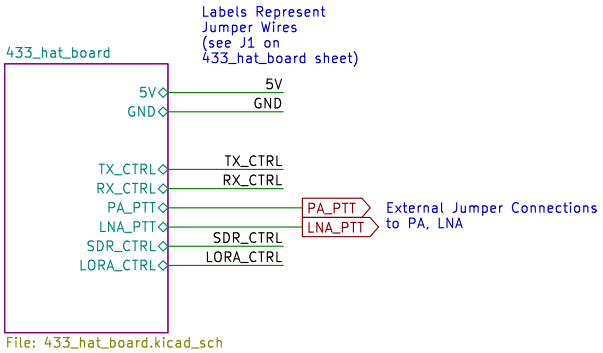
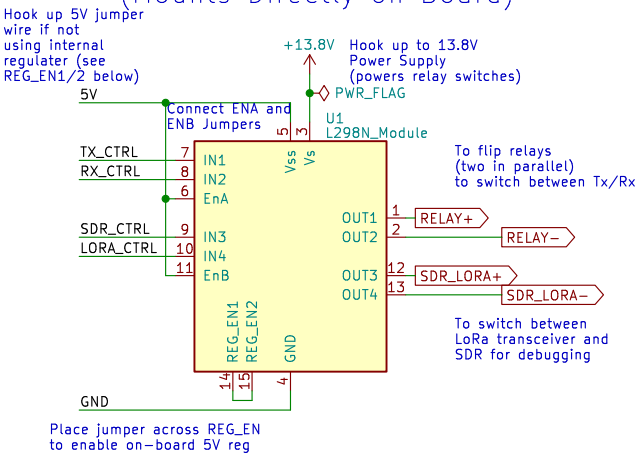
433 HAT Jumper Connections

All Connections on This Sheet are Jumper Wires



H-Bridge Module Jumper Connections (Mounts Directly on Board)



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Sheet: /
File: Groundstation_433_Hat.kicad_sch

Title: 433MHz Ground Station Board

Size: A4	Date: 2025-04-07	**Rev: 1.3**
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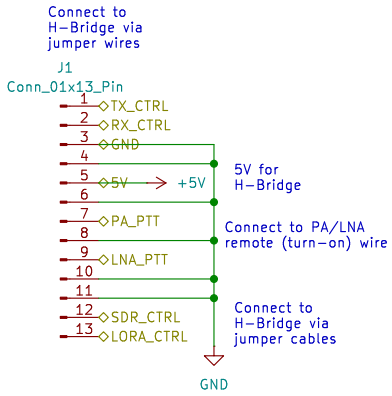
433 HAT Board

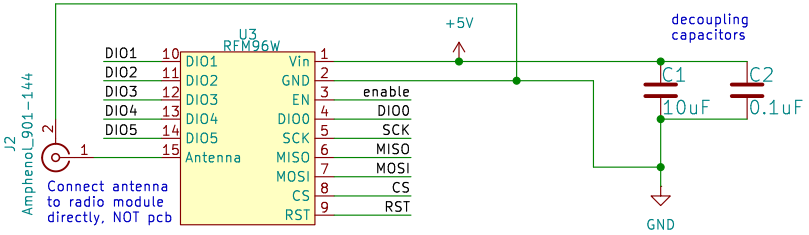
This Sheet Contains Internal Board Connections

H-Bridge Connector



LoRa Radio Module

Mounted on HAT board via pin headers



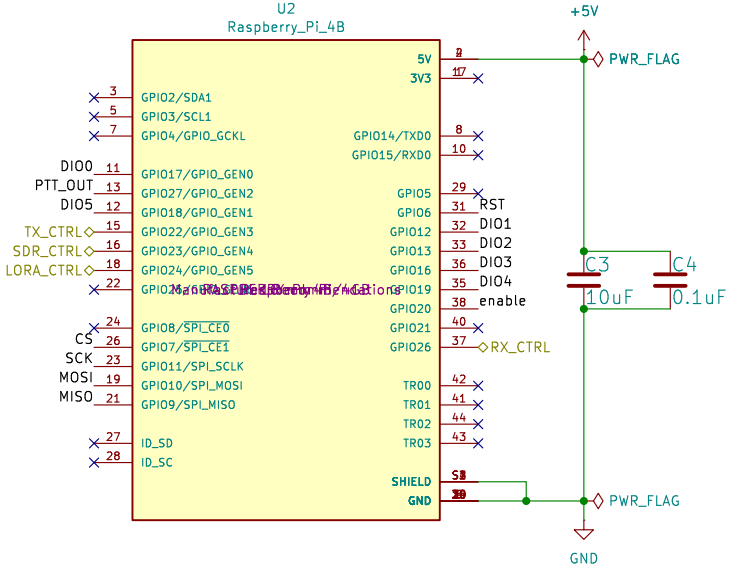
GPIOs

Radio
RF_EN: 20
RF_RST: 6
MISO: 9
MOSI: 10
SCK: 11
CS: 7
DIO0: 17
DIO1: 12
DIO2: 13
DIO3: 16
DIO4: 19
DIO5: 18

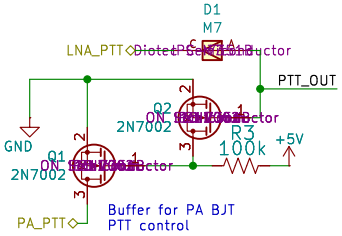
PTT/Relays
PTT_OUT: 27
SDR_CTRL: 23
LORA_CTRL: 24
TX_CTRL: 22
RX_CTRL: 26

Raspberry Pi 4

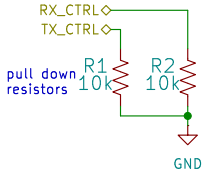
Represents pin header for mounting
RPi onto board



LNA/PA Dual Control



H-Bridge Pull-down



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Sheet: /433_hat_board/
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Title: 433MHz Ground Station Board

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