

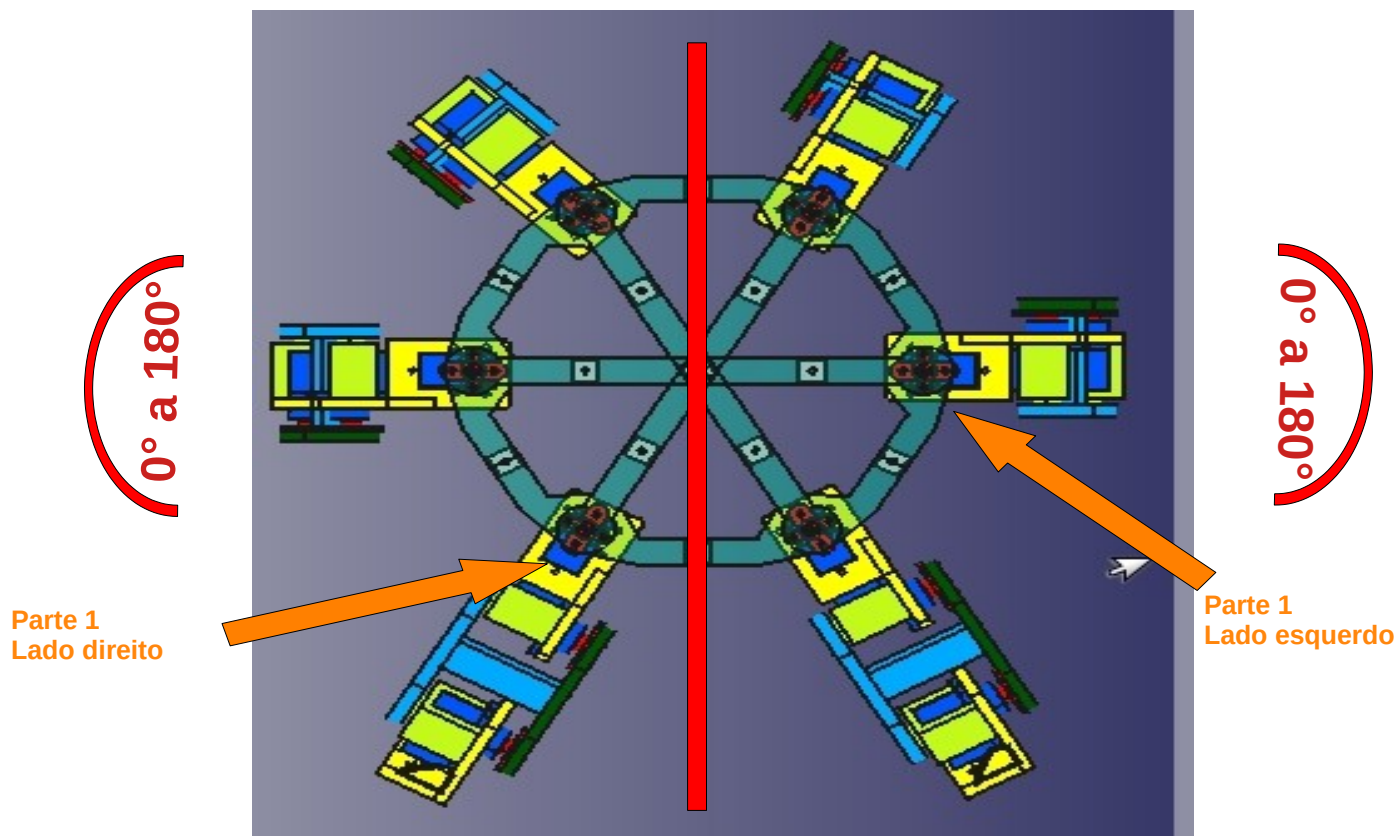
Projeto Robô de seis pernas

Canal : Mecatudo

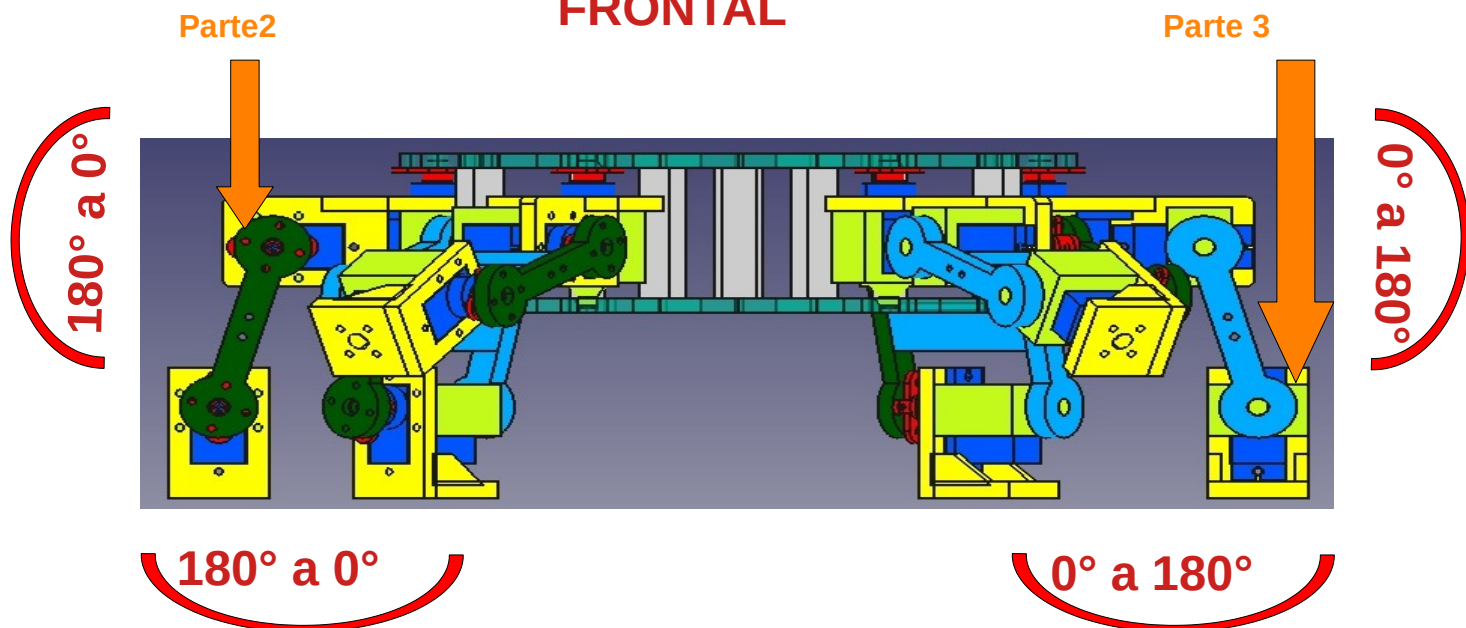
LINK: <https://www.youtube.com/channel/UCtdS4xoZ9B4aGEInJPZJT2A>

Nome: Henrique Valdivino da Silva

TRASEIRA



FRONTAL



// perna parte 3 _ 0 graus _ para dentro

// perna parte 3 _ 180 graus _ para fora

// perna parte 2 _ 180 graus _ para dentro

// perna parte 2 _ 0 graus _ para fora

// perna parte 1 lado direito _ 180 graus _ olhando de trás vai para direita

// perna parte 1 lado esquerdo _ 180 graus _ olhando de trás vai para direita

TRASEIRA

PERNA 3 - TM3

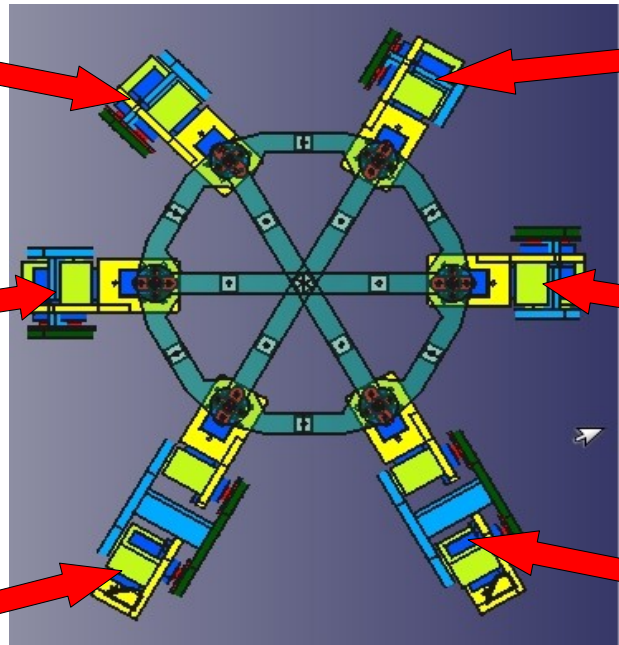
PERNA 3 - TE3

PERNA 2 - MD2

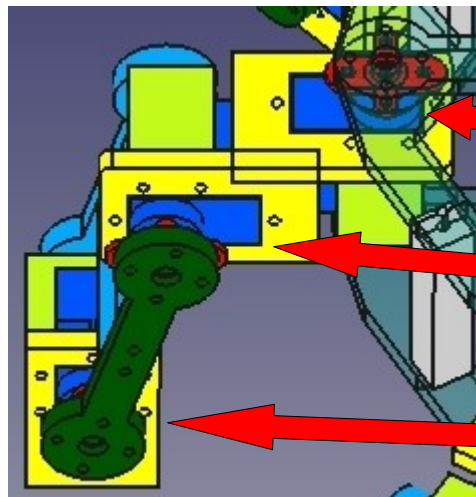
PERNA 2 - ME2

PERNA 1 - FD1

PERNA 1 - FE1



FRONTAL



Motor 1

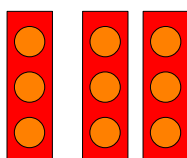
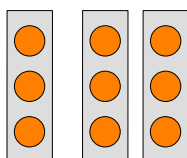
Motor 2

Motor 3

PERNA 1 - FD1

M1, M2, M3

M1, M2, M3



M1, M2, M3

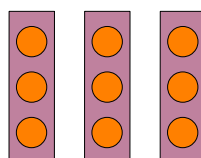
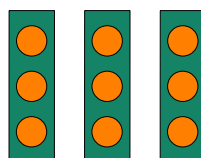
M10, M11, M12

PERNA 1 - FE1

PERNA 2 - MD2

M4, M5, M6

M1, M2, M3



M1, M2, M3

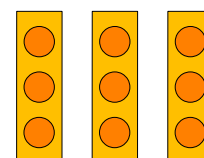
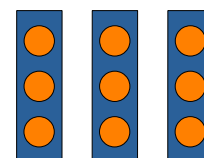
M13, M14, M15

PERNA 2 - ME2

PERNA 3 - TM3

M7, M8, M9

M1, M2, M3



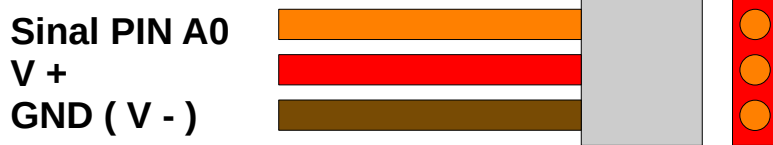
M1, M2, M3

M16, M17, M18

PERNA 3 - TE3



PINOS MACHO



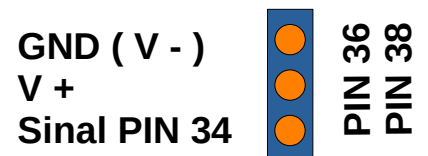
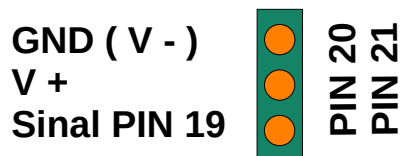
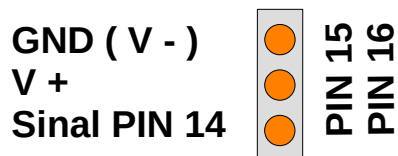
PINOS FÊMEA



PERNA 1 - FD1

PERNA 2 - MD2

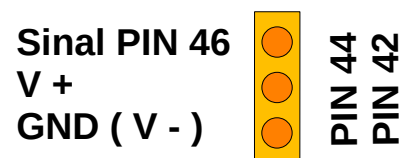
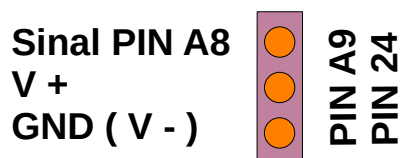
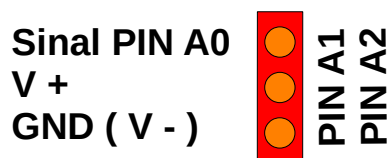
PERNA 3 - TM3



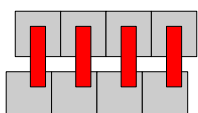
PERNA 1 - FE1

PERNA 2 - ME2

PERNA 3 - TE3



Pinos fêmea interligados



PIN 02
PIN 01
PIN 00

A tensão para os motores vem do regulador de tensão

GND (V -)

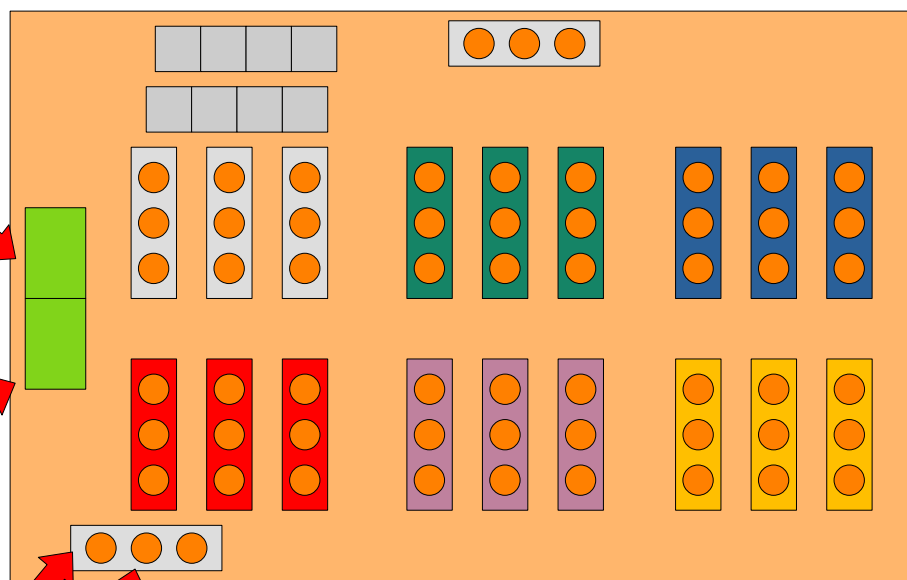
5V +

3V +

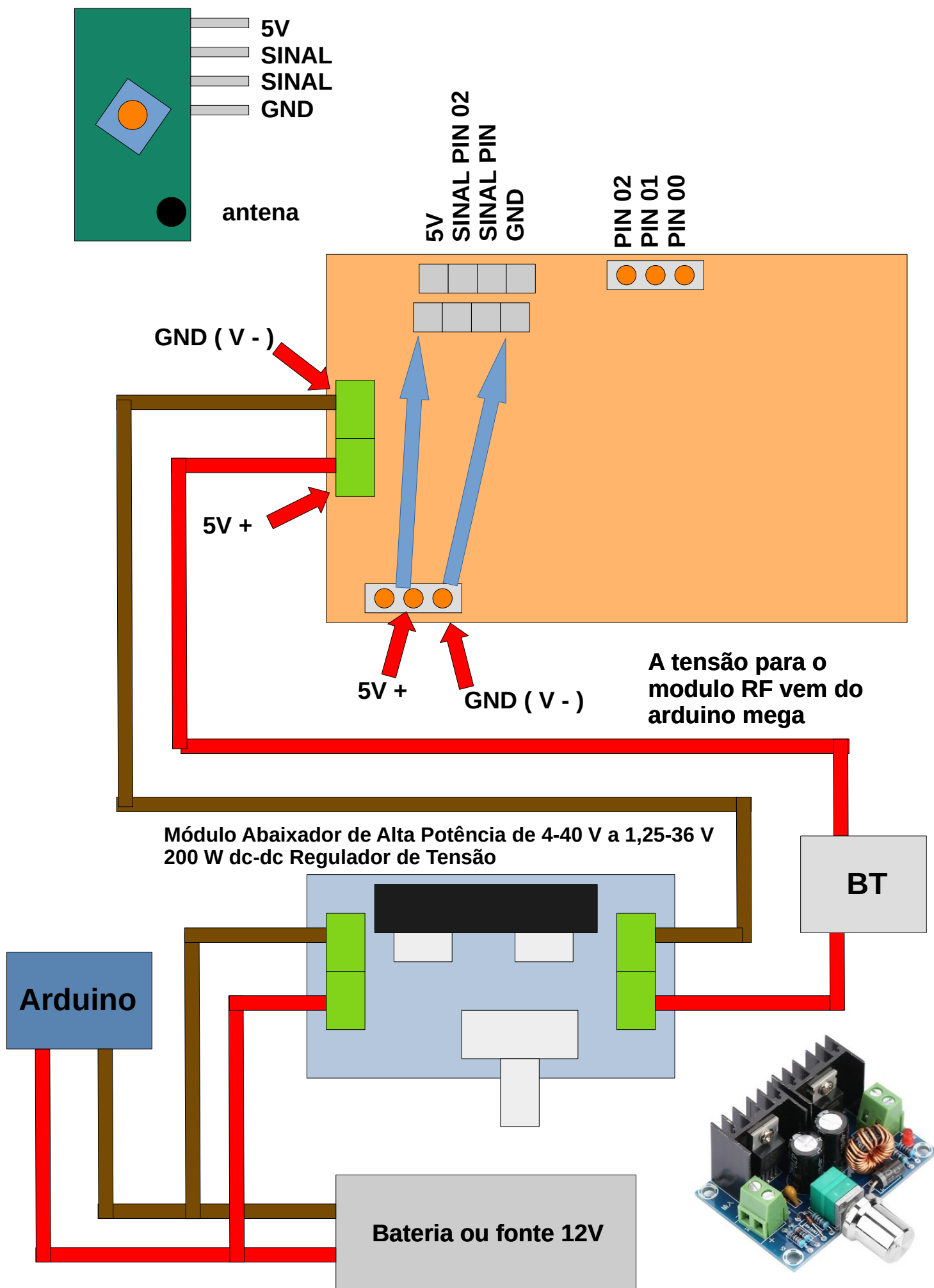
5V +

GND (V -)

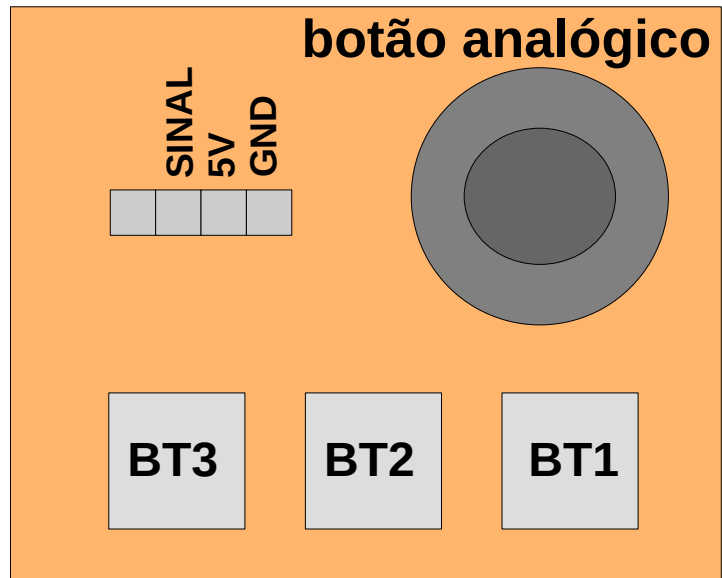
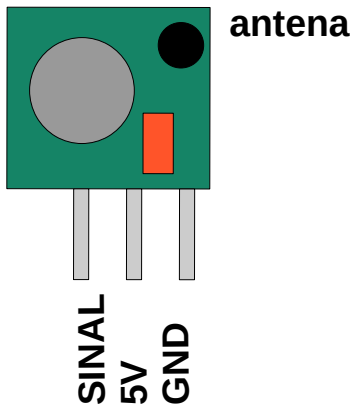
A tensão para o módulo RF vem do arduino mega



Módulo Receptor 433 MHz

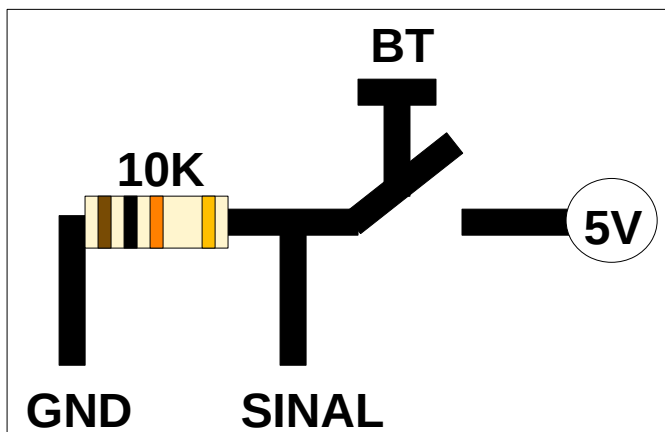


Módulo Transmissor 433 MHz

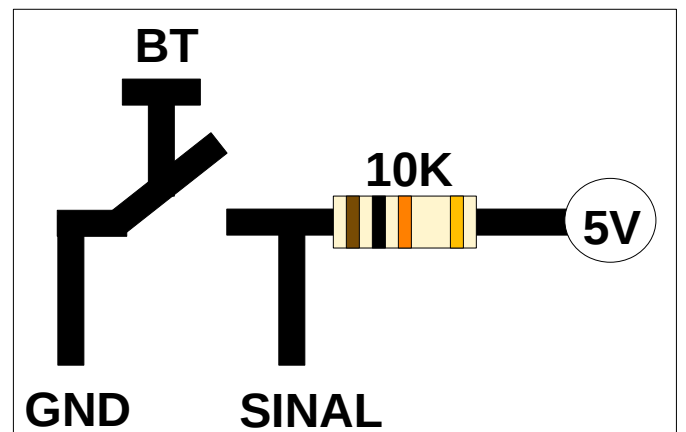


BT3=pin5, BT2=pin4, BT1=pin3

No programa esta Pull-Down

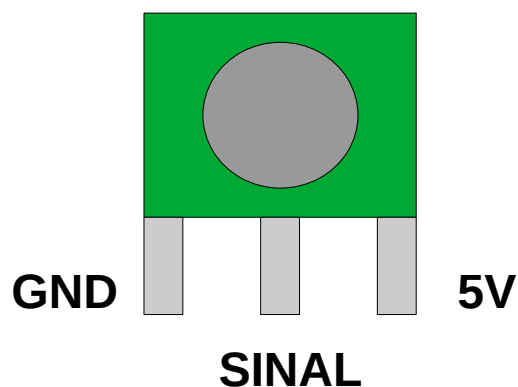


Pull-Down



Pull-Up

Como ligar potenciômetros do analógico



Um potenciômetro vai para pinA4 e o outro para pinA2