

VIN ⊕ VBAT ⊕

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TBOT - MCU PIC-8Bit

Sheet: /
File: tbot-8bit.kicad_sch

Title: Power **DRAFT**

Size: A4	Date: 01/2022	Rev: A
KiCad E.D.A. 9.0.0		Id: 1/3

AN0
 AN1
 AN2
 AN3
 AN4
 GPIO.NC
 GPIO.OUT
 GPIO.OUT
 GPIO.OUT
 GPIO.OUT
 GPIO.IN/AN14
 GPIO.NC

RA6/LED_DEBUG

MCLR
 RA0
 RA1
 RA2
 RA3
 RA4
 RA5
 RA7
 RC0
 RC1
 RC2
 RC3

il faudrait pour les une wheel

- pwm servo

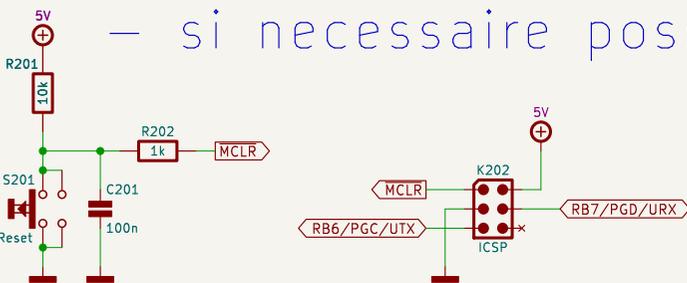
- 360 input

- ir wheel en

- ir wheel read

-> 2x4 = 8pins

- si necessaire possible de bougerbattery sense



TBOT - MCU PIC-8Bit

Sheet: /MCU/
File: mcu.kicad_sch

DRAFT

Title: MCU

Size: A4 Date: 01/2022

KiCad E.D.A. 9.0.0

Rev: A

Id: 2/3

RB2/BATTERY_SENSE

RB4

RB7/PGD/URX
 RB6/PGC/UTX

EUSART.RX
 EUSART.TX
 TODO - PWM11
 ?? TIMER.IN?? - GPIO.NC
 TODO - GPIO.OUT
 AN8
 GPIO.NC
 GPIO.INT0
 TODO - GPIO.OUT
 TODO - TIMER5.CLK.GATE
 TODO - PWM6
 TODO - TIMER3.CLK.GATE

RB4/SERVO_R
 RB3/WHEEL_EN_R

RB1
 RB0/URGENCY
 RC7/WHEEL_EN_LL
 RC6/WHEEL_R
 RC5/WHEEL_L
 RC4/SERVO_L

