
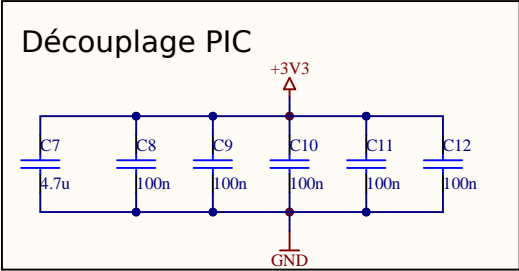
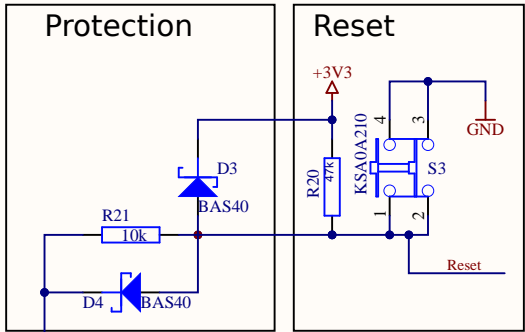


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Date : 08.02.2023	Version : V0		b	
Heure : 14:08:45	Auteur : Ali Zoubir		c	
			d	
 Avenue Recordon 1 1004 Lausanne Switzerland	Projet : 2221_LocalisationSousMarine.PrjPcb			No : 2221
				Nb feuilles 6
Chemin : C:\Users\alizoubir\Documents\ETML-ES-2eme\PROJ\2221_LocalisationSousMarine\hard\2221_LocalisationSousMarine\Schematic				



Périphériques

Y4 CS_SD
RA1 SCK
RA4 SDO1
RA9 SDII
MISO

RB8 SCL1
RB9 SDA1
RB6 RstImu
RB7 IntImu
SCL1
SDA1
RST_IMU
INT_IMU

Y1 CSM1
Y2 CSM2
Y3 CSM3
CS_MB1
CS_MB2
CS_MB3

RB4 U1TX
RA8 U1CTS
RA3 U1RTS
RA2 U1RX
U1TX
U1CTS
U1RTS
U1RX

Y5 RSTM1
Y6 RSTM2
Y7 RSTM3
RST_MB1
RST_MB2
RST_MB3

RB3 SCL2
RB2 SDA2
RB1 AnPress
SDA2
SCL2
AN_PRESS

Interface

RB14 U2TX
RB13 U2CTS
RB15 U2RTS
RC8 U2RX
U2TX
U2CTS
U2RTS
U2RX

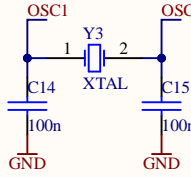
RC7 LED_R
RB12 LED_G
RC9 LED_B
LED_R
LED_G
LED_B

Power

RC0 ButtonMF
RC1 PwrHold
RC2 BatStat
RB0 BatLvl
RB5 BatRead
RC5 EN_5V
Button_MF
PWR_HOLD
BAT_STAT
BAT_LVL
BAT_READ
ENABLE_5V

RC6 USB_DC
R23 10k
R24 10k
Detect USB connection

Oscillateur ext.



Points de mesures

Mesure UART (1) - MikroE
P4
4 U1TX
3 U1CTS
2 U1RTS
1 U1RX

Mesure UART (2) - FTDI
P5
4 U2TX
3 U2CTS
2 U2RTS
1 U2RX

Mesure SPI - Carte SD MikroE
P6
7 SCK
6 SDO1
5 SDII
4 CS_SD
3 CSM1
2 CSM2
1 CSM3

Mesure I2C (1) - IMU
P7
4 SCL1
3 SDA1
2 RstImu
1 IntImu

Mesure I2C (2) - Pressure & MikroE
P8
2 SCL2
1 SDA2

Fichier : MCU.SchDoc

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Version : V0

Heure : 14:08:45

Auteur : Ali Zoubir

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Switzerland

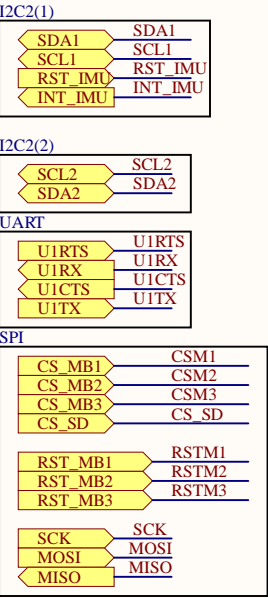
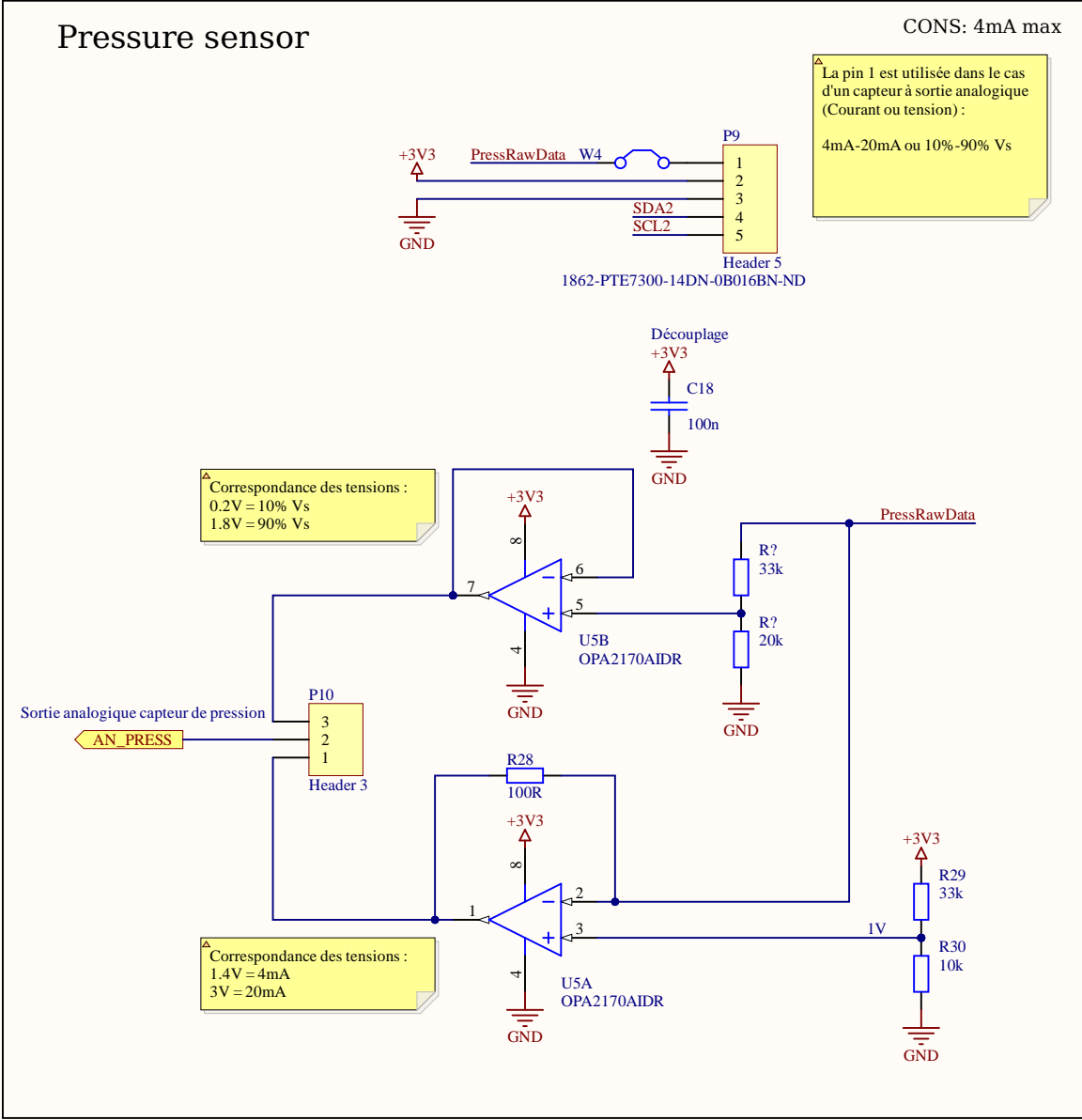
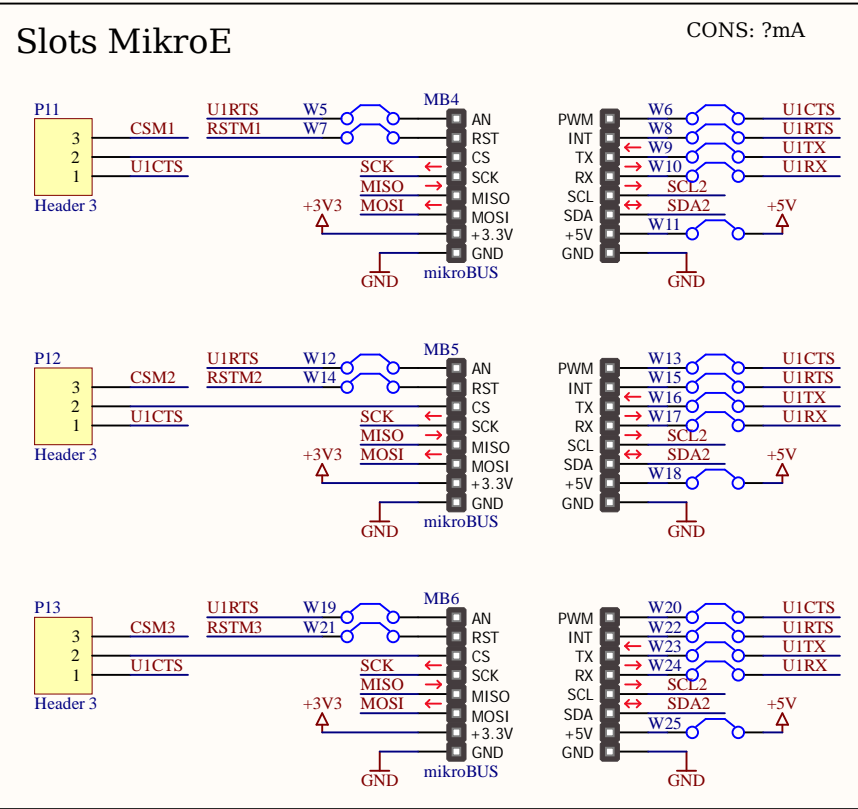
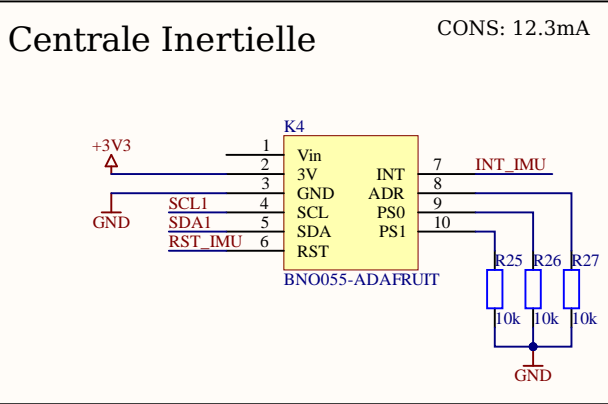
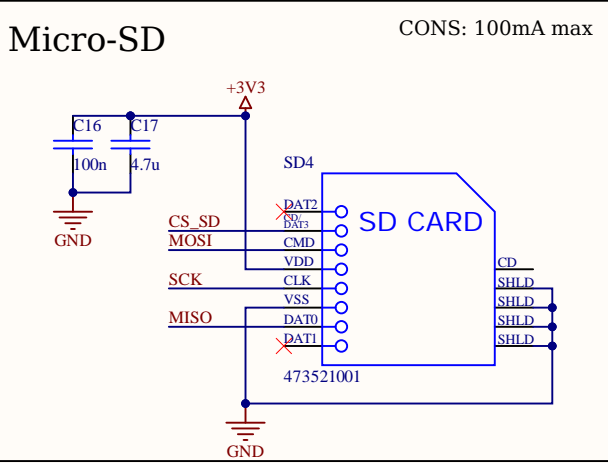
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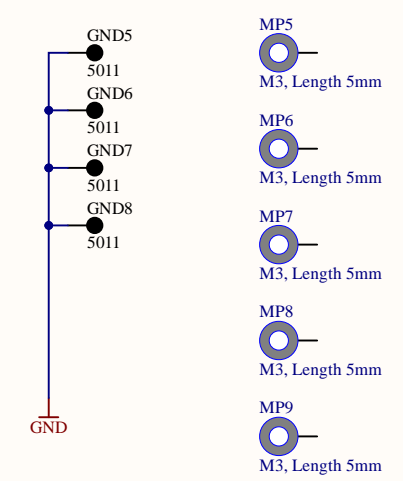
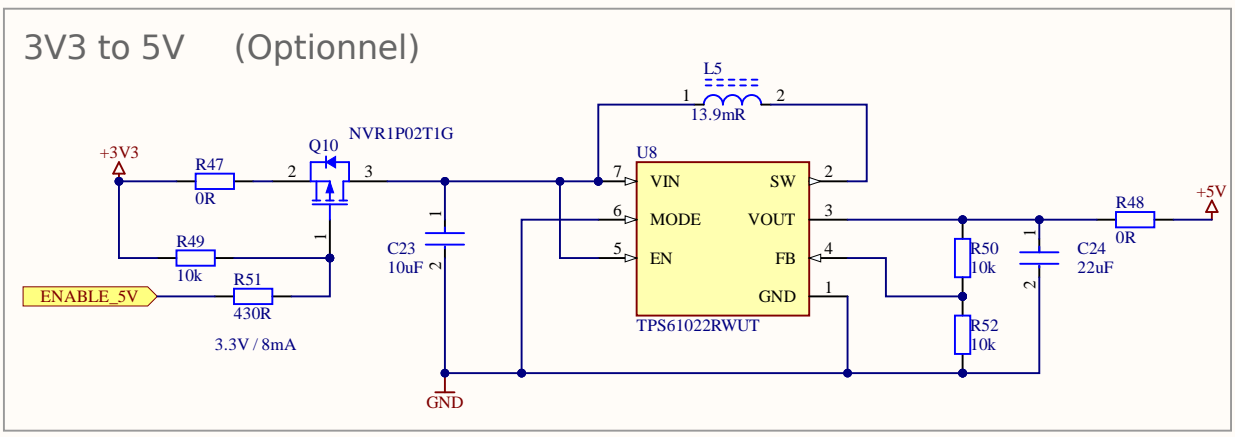
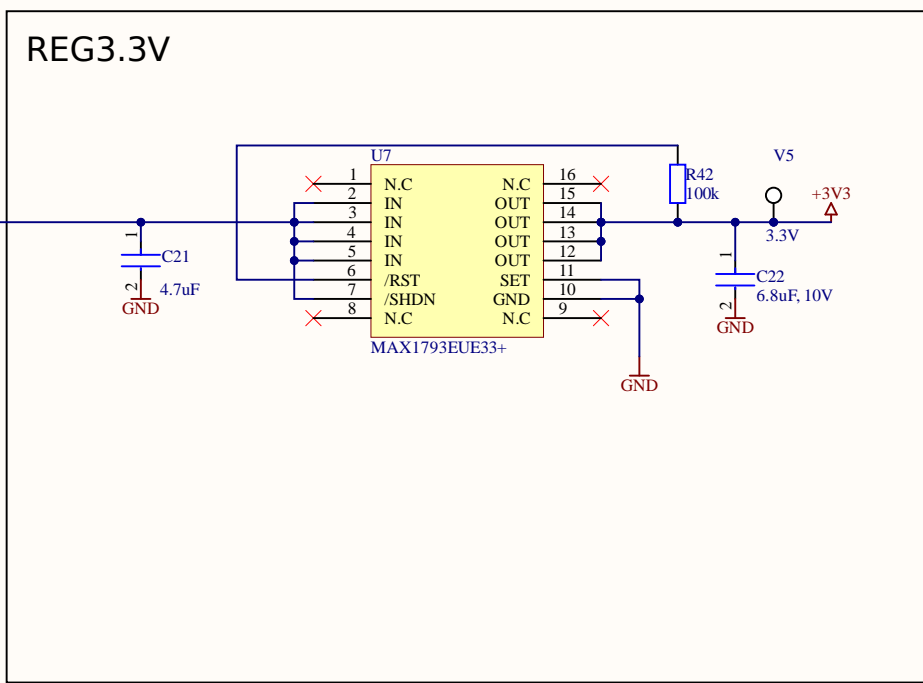
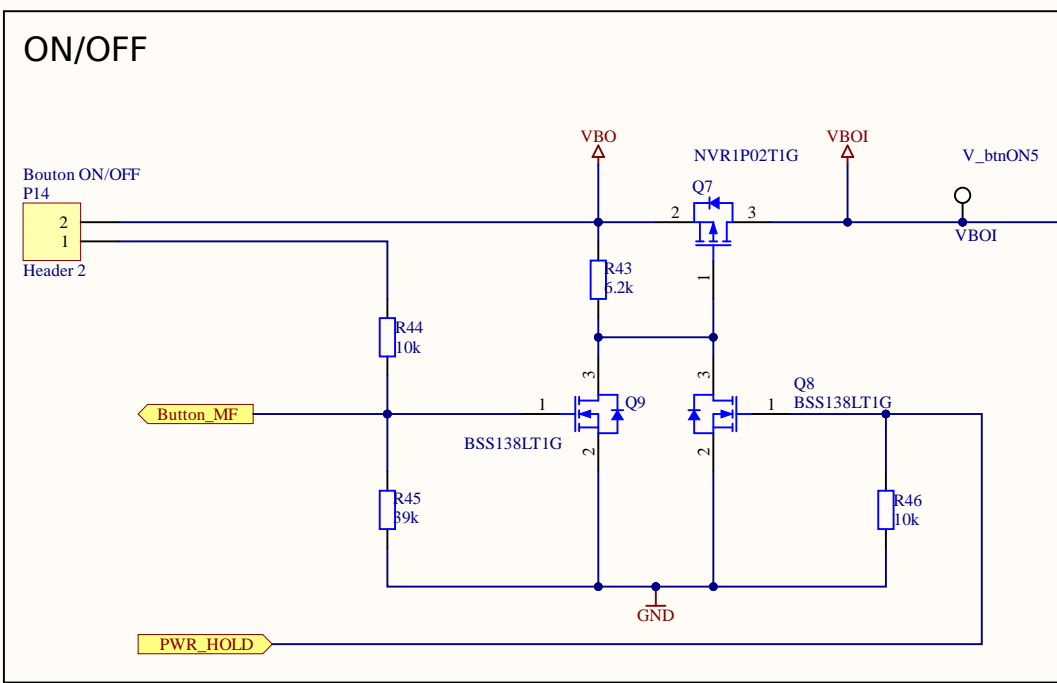
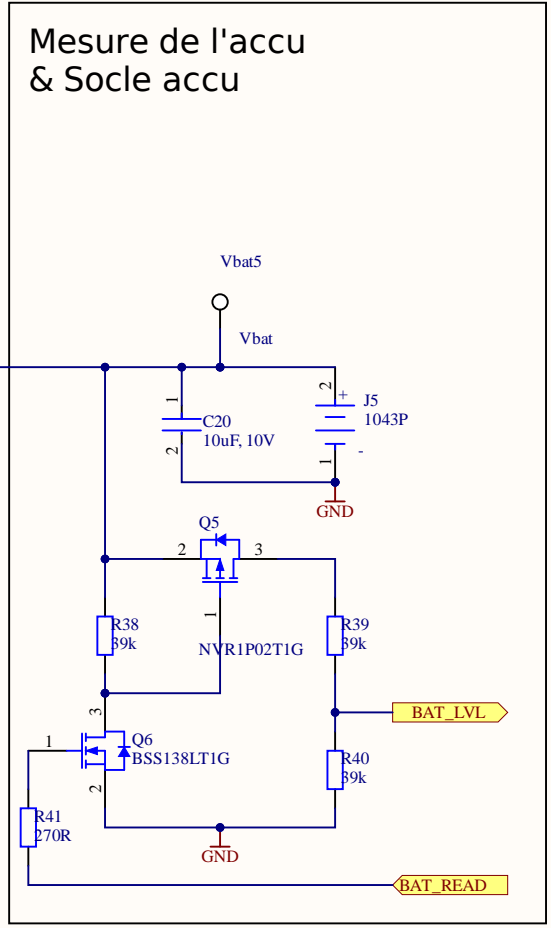
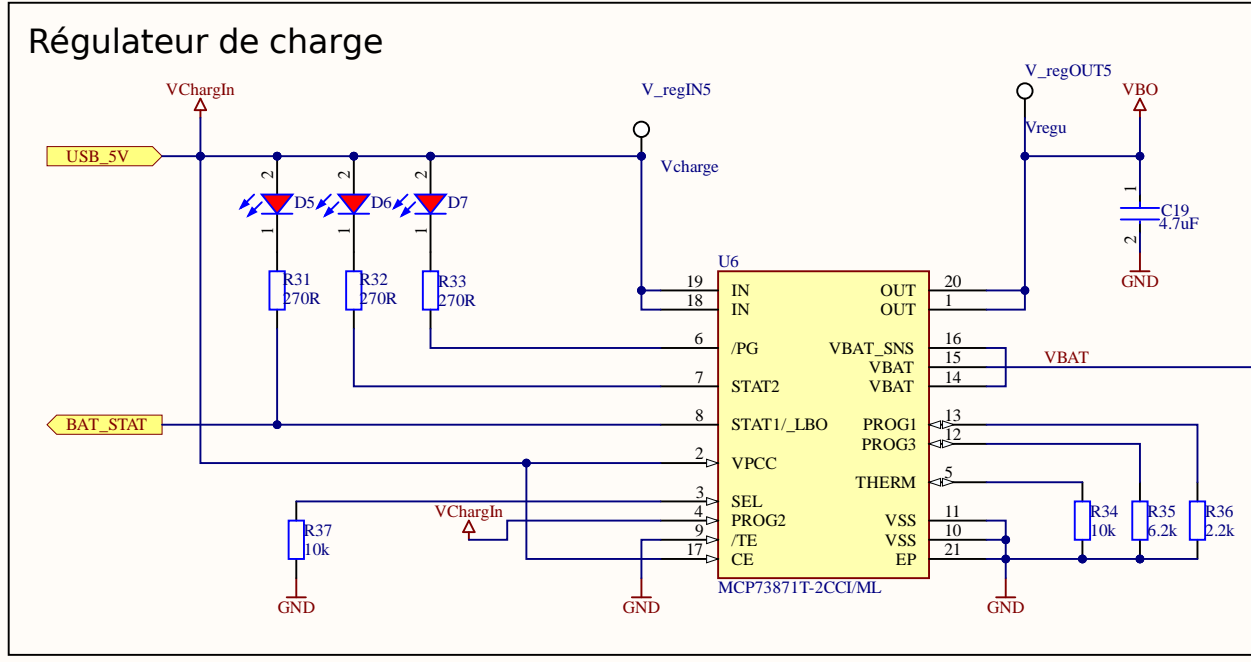
Nb feuilles
6

Feuille n°
2

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