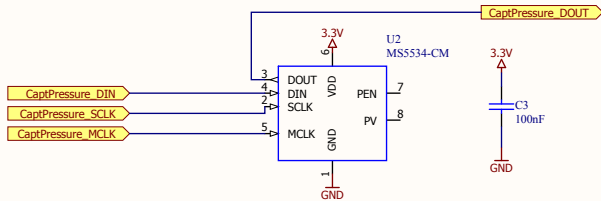
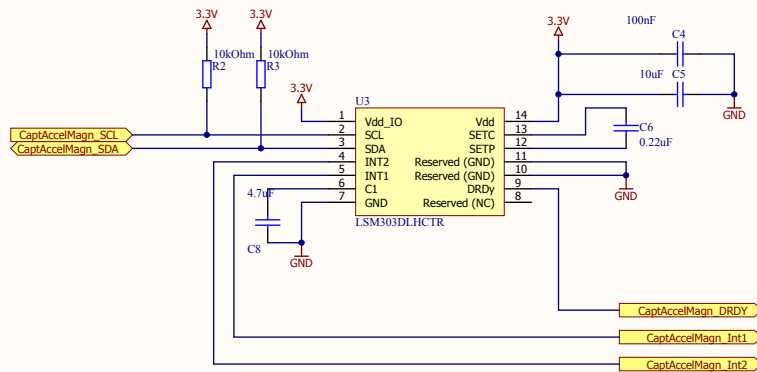


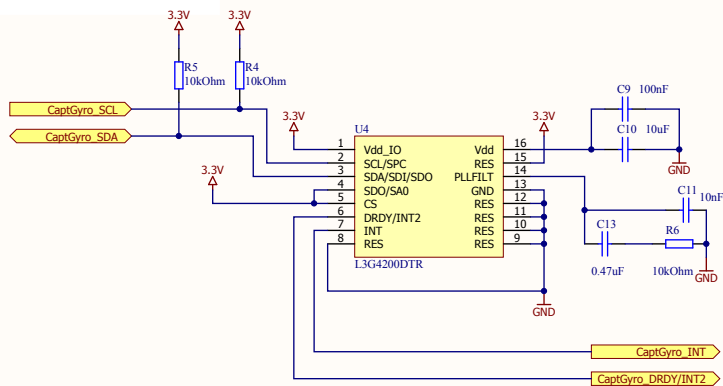
Capteur de pression

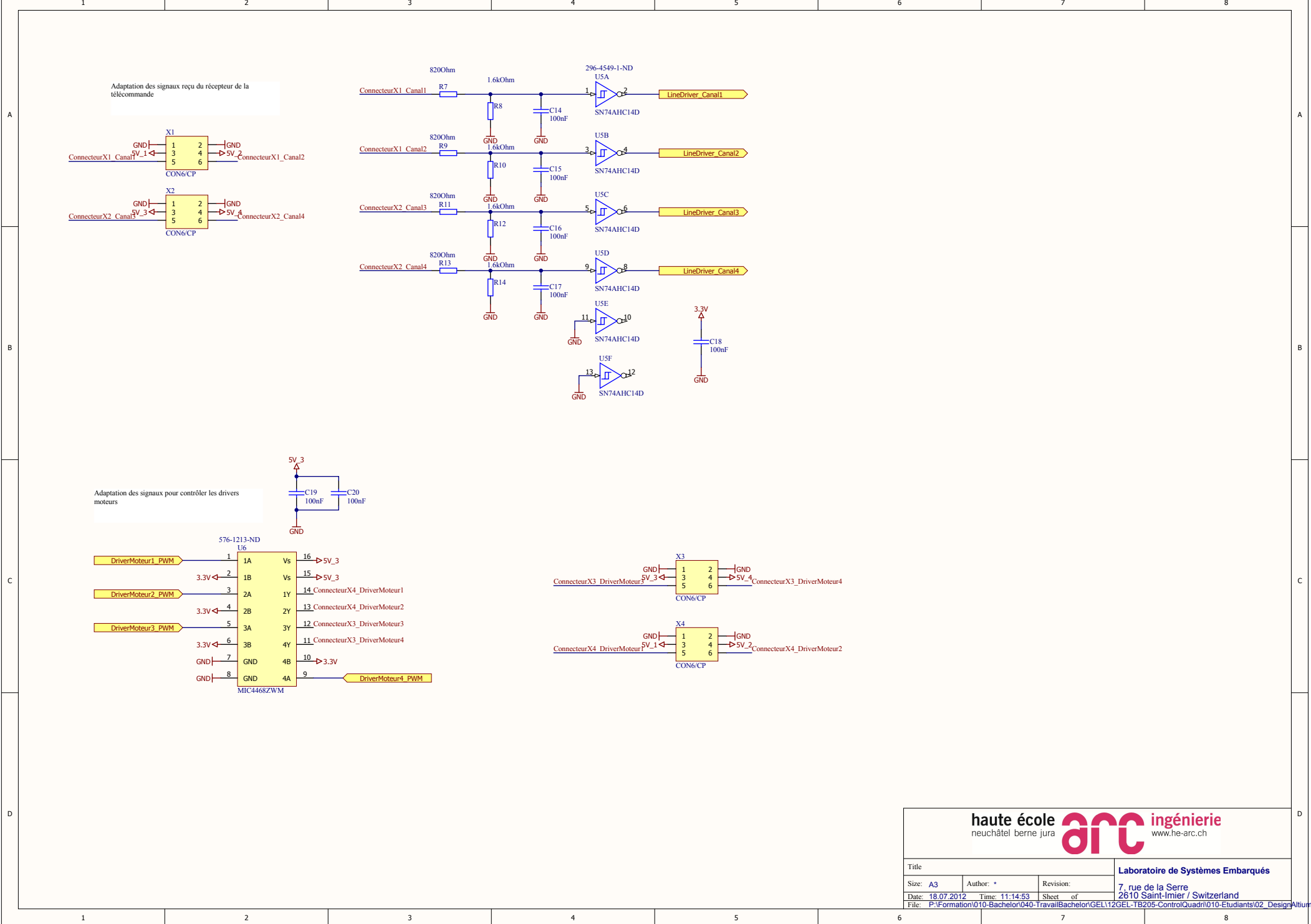


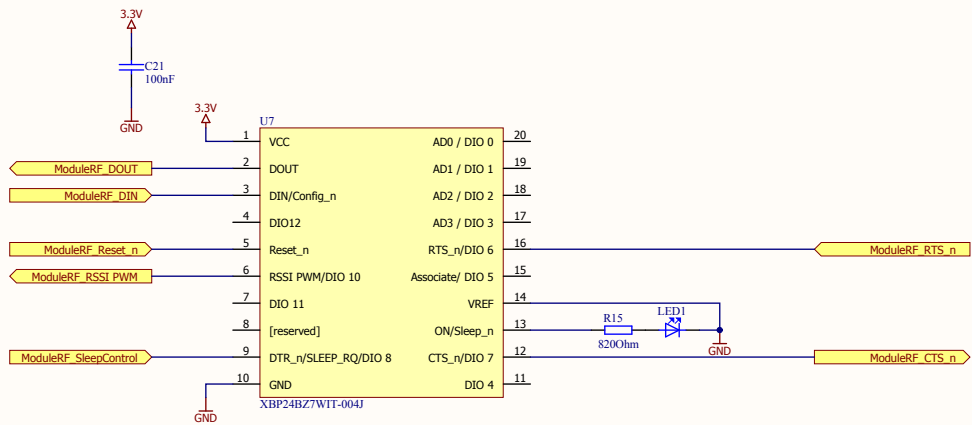
Accéléromètre et magnétomètre



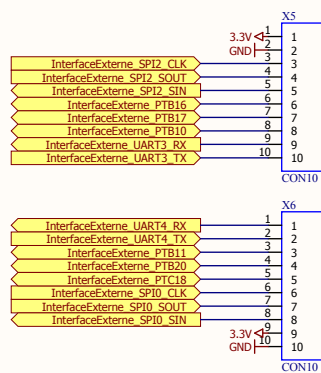
Gyroscope

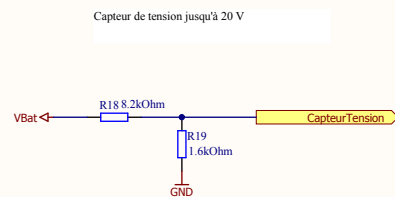
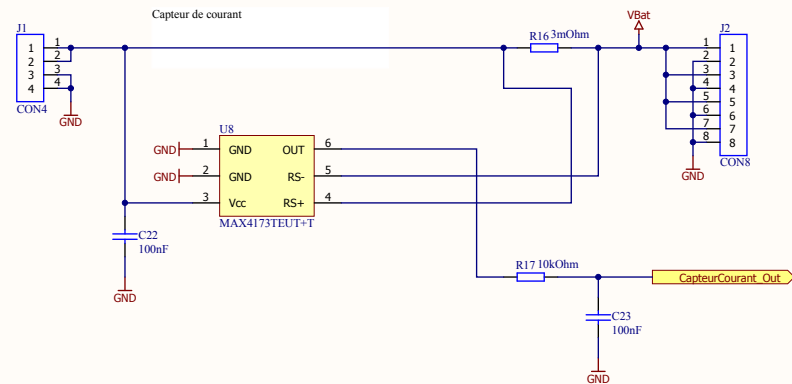


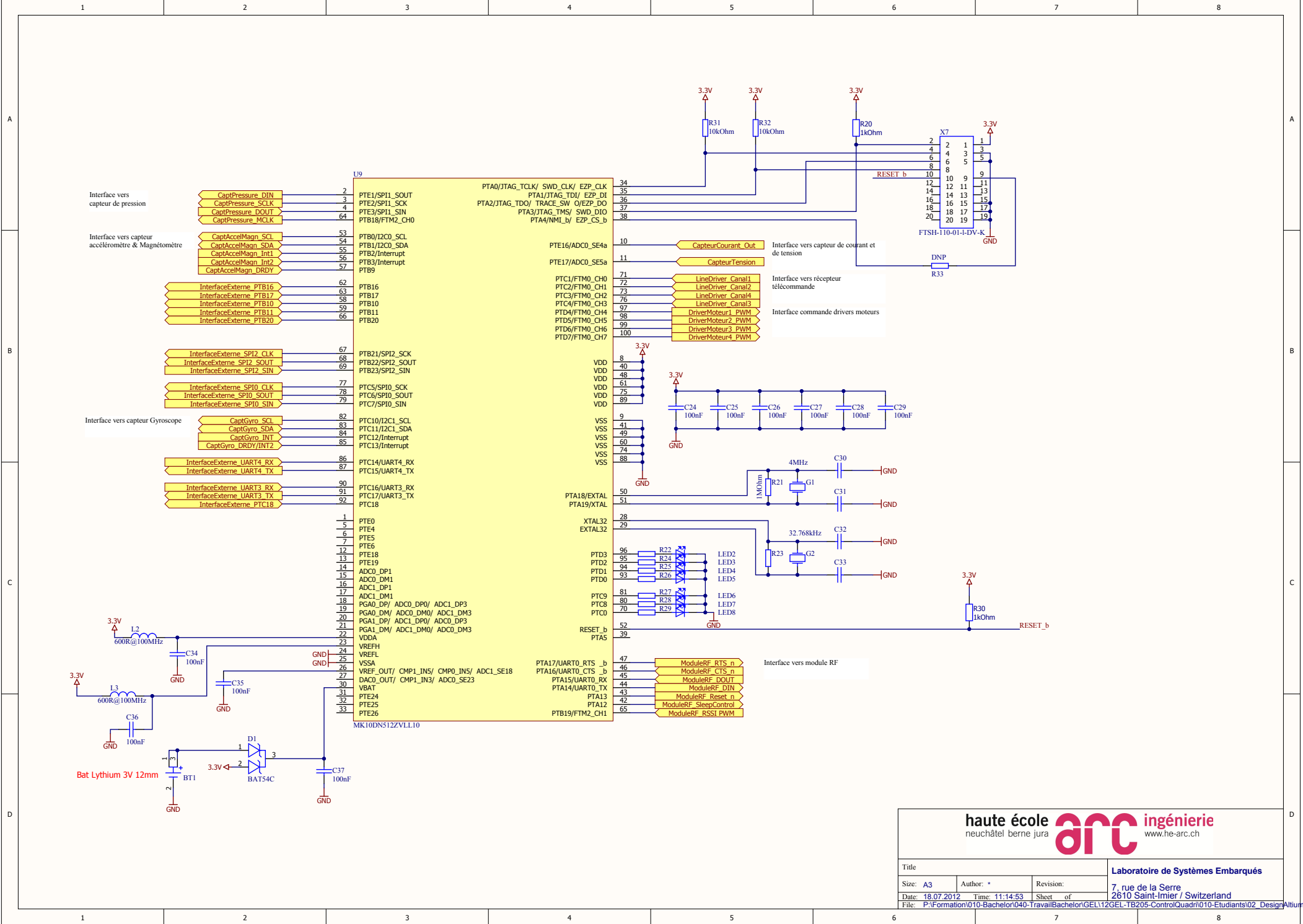




Placer des pins femelles 2.54 avec une alim, et des entrées sortie
Si possible une interface SPI et UART
Les pins placées à plusieurs endroits







	1	2	3	4	5	6	7	8
A								
B								
C								
D								
	1	2	3	4	5	6	7	8

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Title			Laboratoire de Systèmes Embarqués
Size: A3	Author: *	Revision:	
Date: 18.07.2012	Time: 11:14:54	Sheet of	
File: P:\V-Formation\010-Bachelor\040-Travail\Bachelor\GEL\12GEL-TB205-ControlQuadri\010-Etudiants\02_DesignAltium\Carte			

Bill of Materials

Bill of Materials For Project [Control_Quadri.PrjPCB] (No PCB Document Selected)

Source Data From: Control_Quadri.PrjPCB
Project: Control_Quadri.PrjPCB
Variant: None

Creation Date: 18.07.2012 11:15:10
Print Date: 41108 41108.46894

Footprint	Comment	LibRef	Designator	Description	Quantity
3000TR	3000TR	BAT_1	B1	HOLDER BATTERY COIN 12MM DIA. SMD	1
080501	C2012XSR1A22 6M/1.25	CAPA	C1	CAPA	1
080501	GRM21BR81E1 06KA73L	CAPA	C2	CAPA	1
060301	GRM188R71E1 04KA01D	CAPA	C3, C4, C9, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C34, C35, C36, C37	CAPA	23
080501	08056D106KAT 2A	CAPA	C5, C10	CAPA	2
120601	UMK212F224ZD T	CAPA	C6	CAPA	1
080501	C0805C475K4P ACTU	CAPA	C8	CAPA	1
080501	C0805C103K4R ACTU	CAPA	C11	CAPA	1
060301	C2012Y5V1H47 4Z/0.85	CAPA	C13	CAPA	1
060301	GQM2195C1H2 00JB01D	CAPA	C30	CAPA	1
080501	GQM2195C1H2 00JB01D	CAPA	C31	CAPA	1
080501	GRM21A5C2E1 20JW01D	CAPA	C32, C33	CAPA	2
SOT2301	BAT54C	BAT54C	D1	DIODE SCHTTKY CC 200MA 30V SOT23	1
Crystal	ECS-40-20-5PXT	CRYSTAL	G1		1
Crystal2	ECS-.327-12.5-38	CRYSTAL	G2		1
SL354D	CON4	CON4	J1		1
SL358D	CON8	CON8	J2		1
InductanceAlm	VLF3012ST-2R2M1R4	INDUCTOR	L1		1
080501	BLM21AG601S N1D	Ferrite Bead	L2, L3	FERRITE CHIP 600 OHM 200MA 0805	2
060301_led	LG L29K-G2J1-24-Z	LED	LED1, LED2, LED3, LED4, LED5, LED6, LED7, LED8		8
080501	ERJ-6GEYJ104V	RES	R1, R34, R35		3
080501	ERJ-6GEYJ103V	RES	R2, R3, R4, R5, R6, R17, R23, R31, R32		9
080501	RMCFO805J182 0R	RES	R7, R9, R11, R13, R15, R21, R22, R24, R25, R26, R27, R28, R29, R33		14
080501	ERJ-6GEYJ162V	RES	R8, R10, R12, R14, R19		5
5.2x8.75	WSLP59313L00 0FEB	RES	R16		1
080501	ERJ-6GEYJ822V	RES	R18		1
060301	RC0603FR-071KL	RES	R20, R30	RES 1.00K OHM 1/10W 1% 0603 SMD	2
TSOP65P490 8AM	TPS62160DGK	TPS62160	U1	IC BUCK SYNC ADJ 1A 8MSOP	1
MS5534B LGA-14L	MS5534-CM LSM303DLHCT R	MS5534B LSM303DLHC	U2	Barometer Module	1
LGA-16	L3G4200DTR	L3G4200D	U3	Accéléromètre et magnétomètre	1
SO1401	SN74AHC14D	SN74AHC14D	U4	Gyroscope	1
SOIC127P10 30-16M	MIC4468ZW	MIC4468	U5		1
XBee-Pro	XBee-Pro	MaxStream XBee-PRO	U6		1
SOT26A-6AM	QFP100-1	QFP100-1	U7		1
J2X3_2.54	CON6/CP	CON6/CP	U8	Amplificateur capteur de courant	1
			U9		1
			X1, X2, X3, X4	Connecteur contrôleur moteurs 1 (avant) & 2 (droite), Connecteur contrôleur moteurs 3 (arrière) & 4 (gauche), Connecteur récepteur télécommande canaux 1 & 2, Connecteur récepteur télécommande canaux 3 & 4	4
SIP10	CON10	CON10	X5, X6		2
FTSH-110-01-XDV-EJ	FTSH-110-01-XDV-K	CON20_JTAG	X7	CONN UNSHROUDED HDR 20POS .05"	1
					103

Approved	Notes