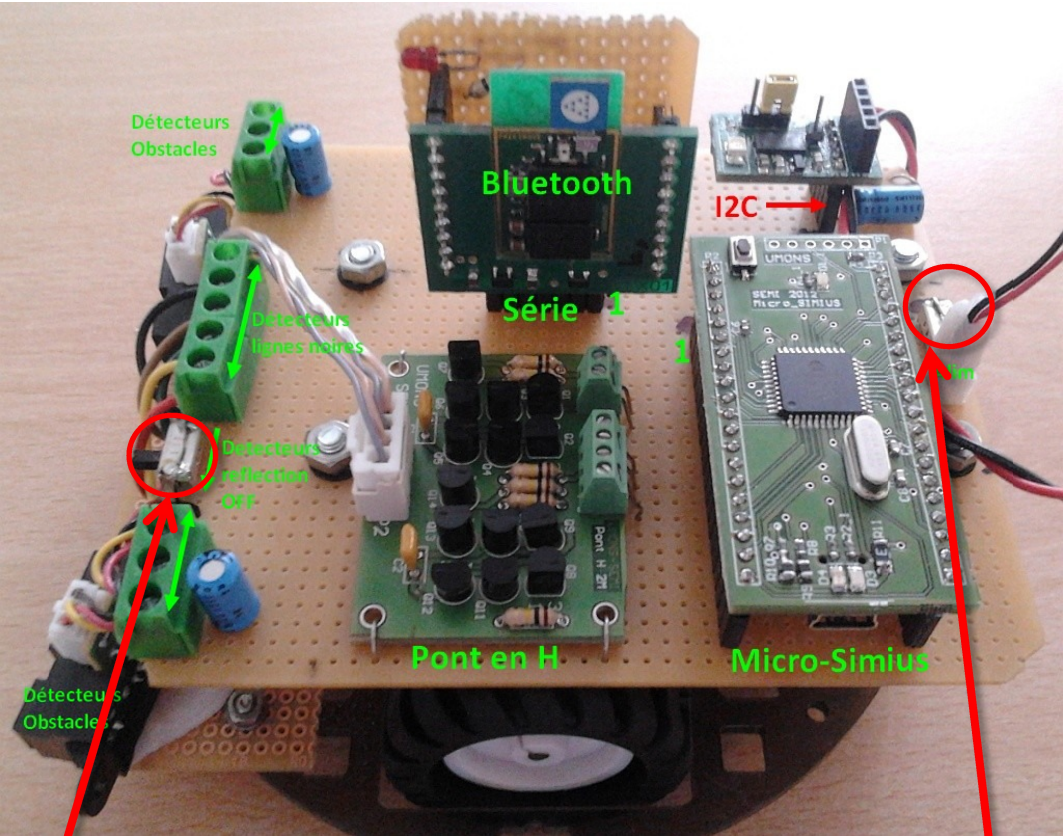
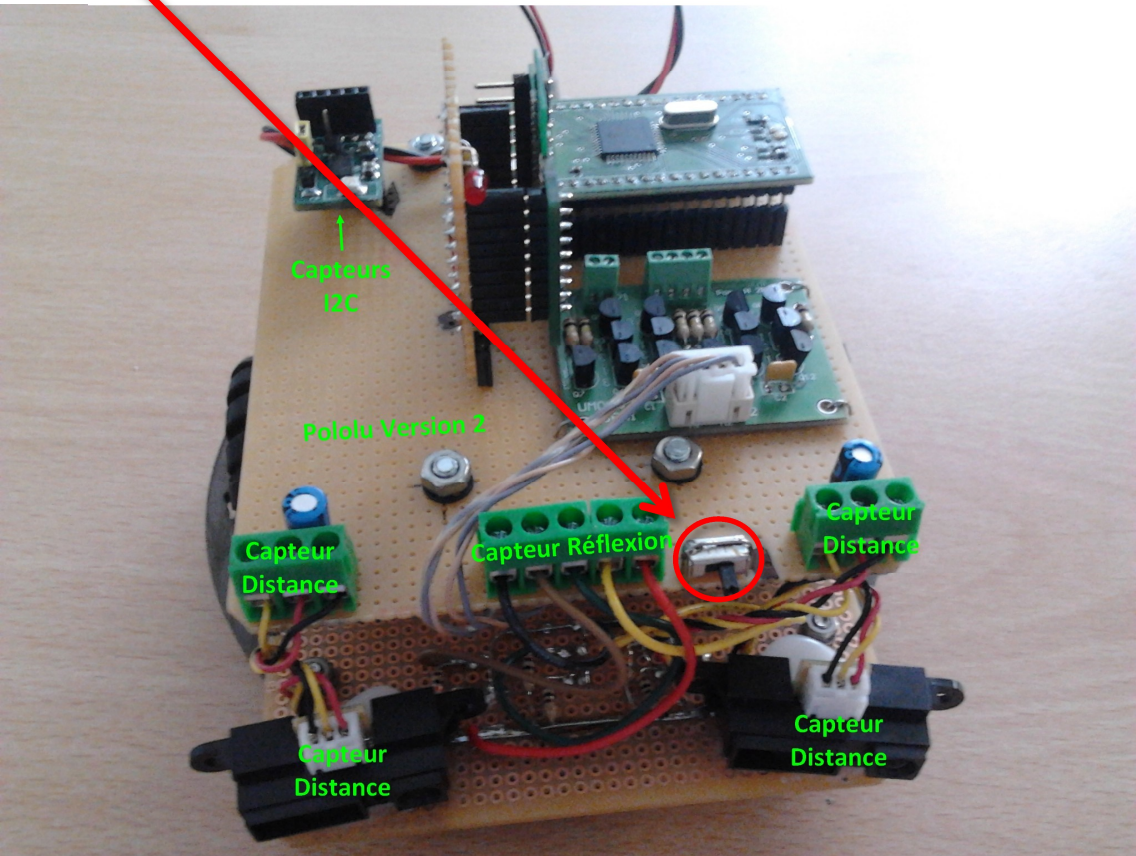


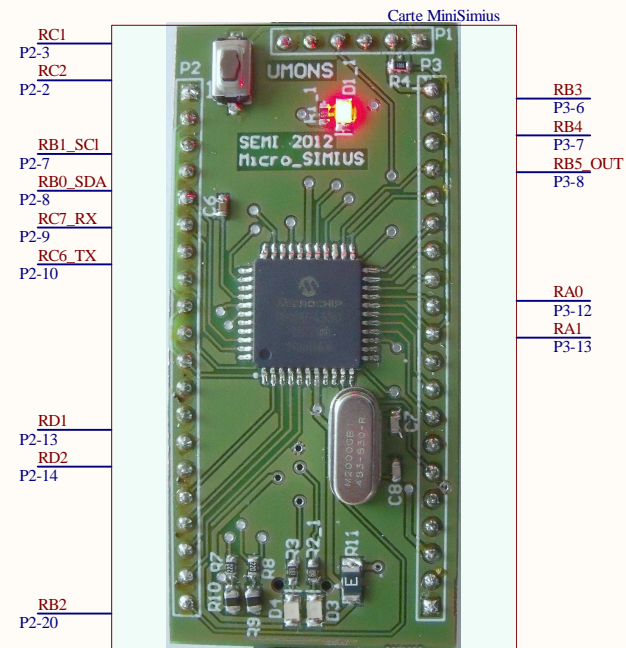
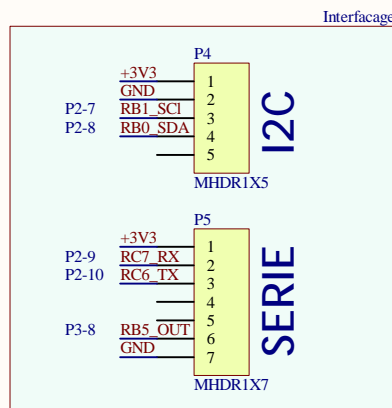
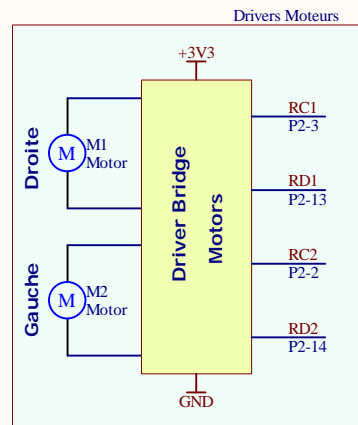
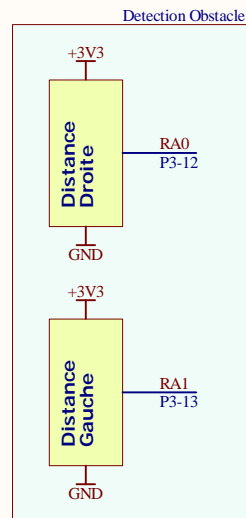
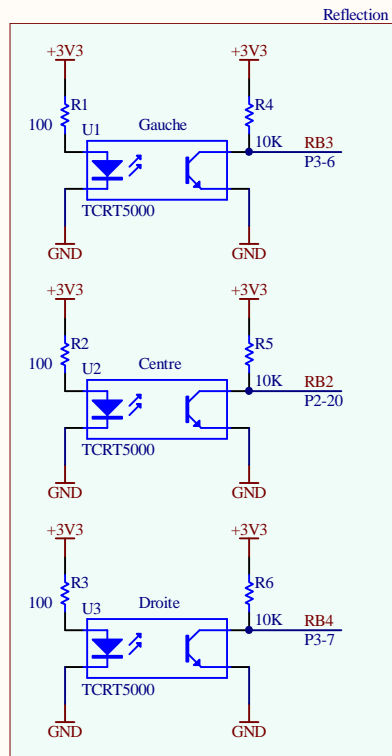
# Robot Pololu Version 2 (+Micro-Simius)



DéTECTEUR de Réflexion ON/OFF

Alimentation ON/OFF





Title <b>Robot Pololu 2 + Micro Simius</b>		
Size A4	Number 0	Revision 0
Date: 9/07/2013	Sheet of 1	
File: D:\Fichiers Divers\...\pololu2.SchDoc	Drawn By: <b>Daniel Binon (SEMI)</b>	

## Connexions Robot base Pololu 2

<u>Con. P</u>	<u>Dénomination</u>	<u>Patte Simius</u>	<u>Con. Simius</u>	<u>Utilisation</u>
A1	GND			Masse
A2	Capteur 4	RA0	P3-12	Distance droite
A3	+3V6			Alimentation
B1	GND			Masse
B2	Capteur 1	RB4	P3-7	Reflexion droite
B3	Capteur 2	RB2	P2-20	Reflexion centre
B4	Capteur 3	RB3	P3-6	Reflexion gauche
B5	+3V6			Alimentation
C1	GND			Masse
C2	Capteur 5	RA1	P3-13	Distance gauche
C3	+3V6			Alimentation
D1	GND			Masse
D2	+3V6			Alimentation
D3	M1A	RC1	P2-3	Moteur 1 - A
D4	M1B	RD1	P2-13	Moteur 1 - B
D5	M2A	RC2	P2-2	Moteur 2 - A
D6	M2B	RD2	P2-14	Moteur 2 - B
E1	+3V6			Alimentation
E2	GND			Masse
E3	SCL (I2C)	RB1	P2-7	Clock I2C
E4	SDA (I2C)	RB0	P2-8	Data I2C
E5	SDO (SPI)			NC
F1	+3V6			Alimentation
F2	RX (SER)	RC7	P2-9	Reception série
F3	TX (SER)	RC6	P2-10	Transmission Série
F4	RESET			RESET
F5	NC			NC
F6	OUT (BT)	RB5	P3-8	BT ON
F7	GND			Masse