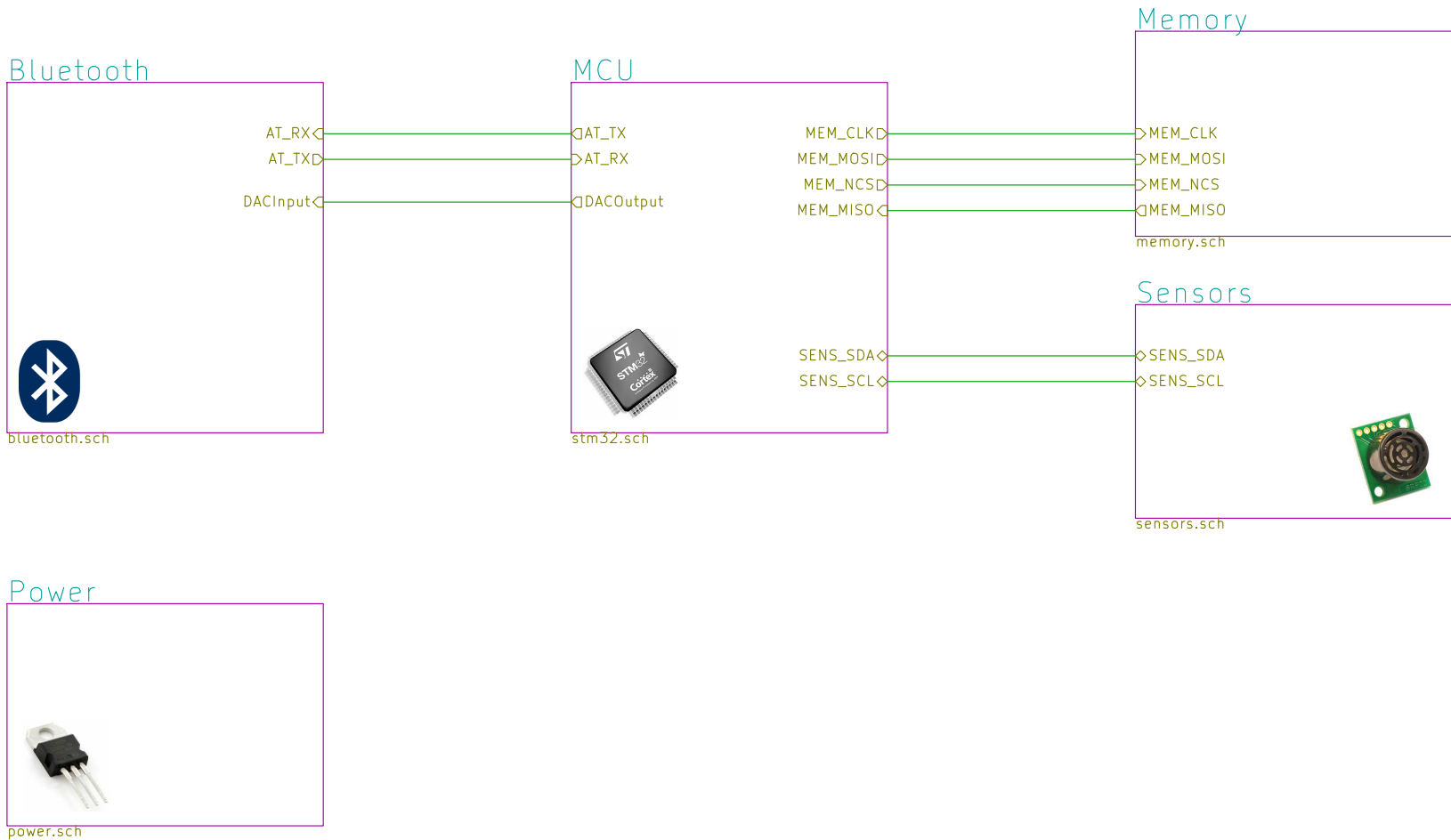
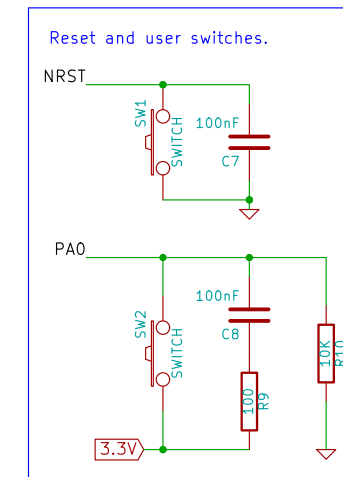
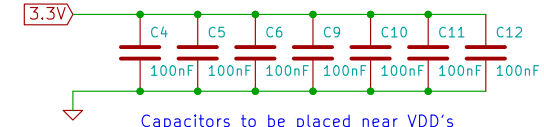
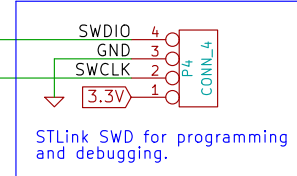
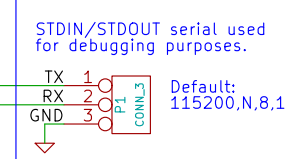
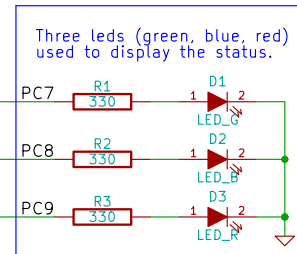
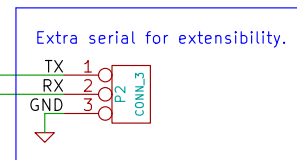
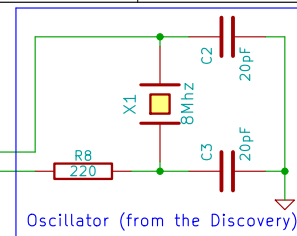
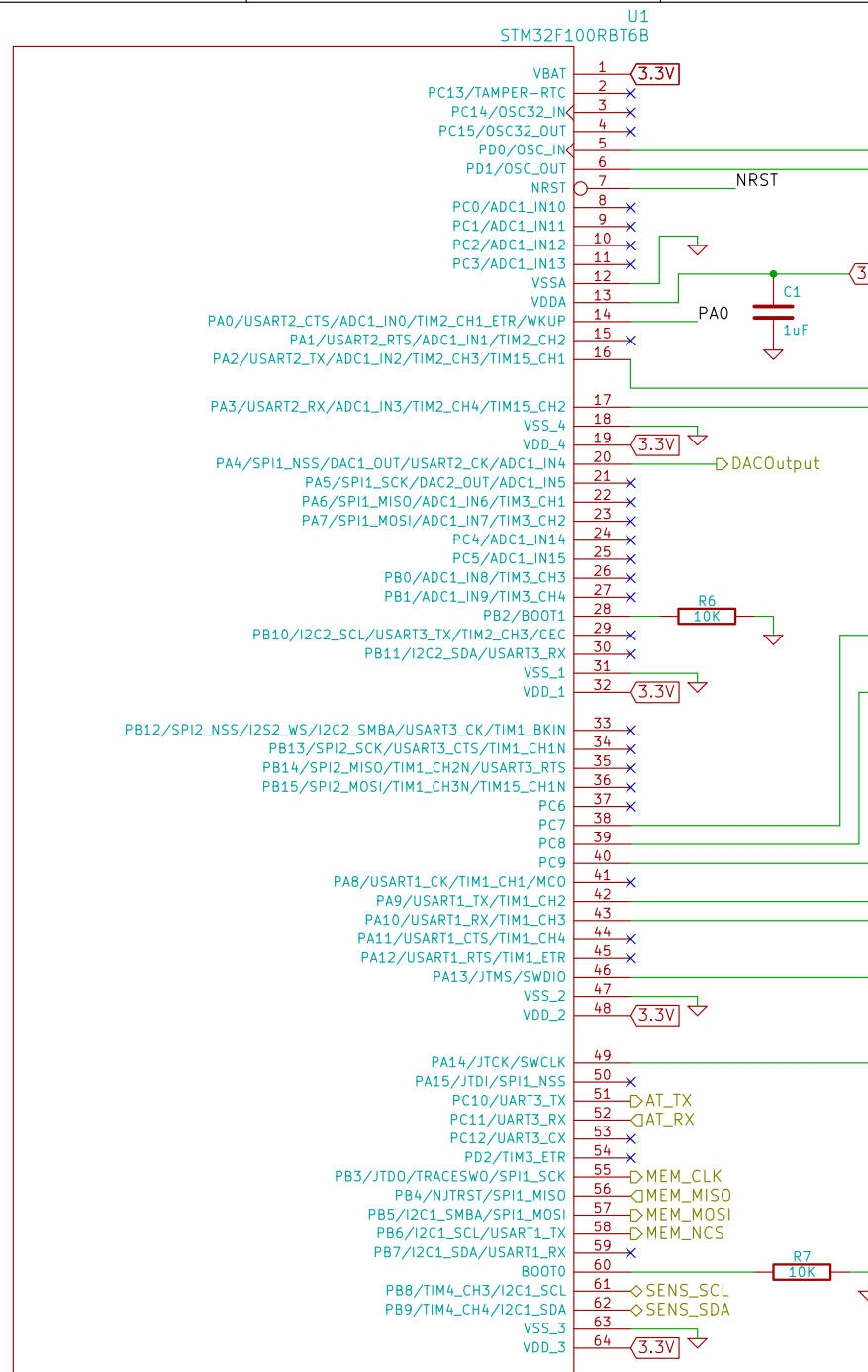


Bluetooth Sonar System for the Blind



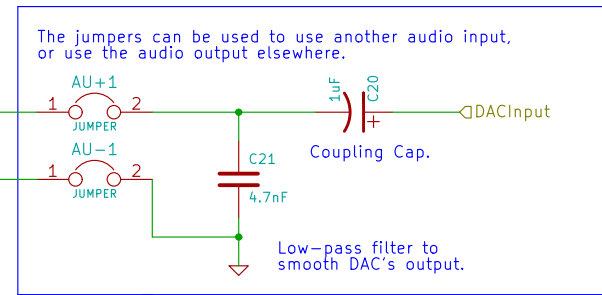
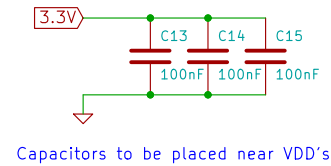
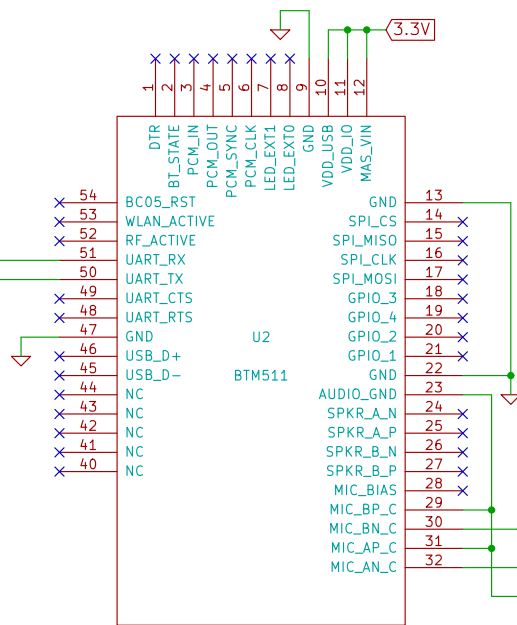
Authors: Pablo Odorico, Juan Bajo, Marcos Chaparro		
Directors: Ricardo Cayssials, Edgardo Ferro		
Departamento de Ingeniería Eléctrica y Computadoras, Universidad Nacional del Sur		
File: sonar_board.sch		
Sheet: /		
Title: Main Blocks		
Size: A4	Date: 11 apr 2012	Rev: 0.2
KiCad E.D.A.		Id: 1/6

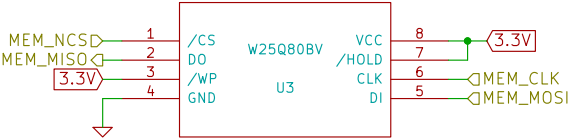


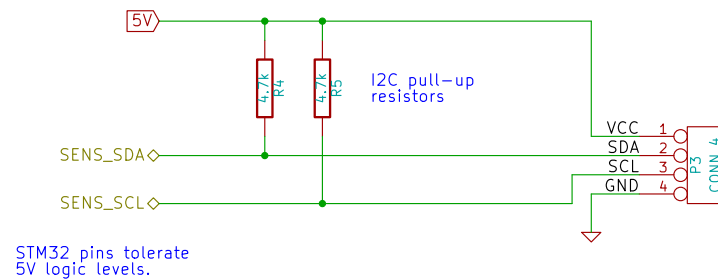
The jumpers allow the module's UART to be connected to a PC to be configured.

AT_RXD 2 1
JUMPER
AT_TXD 2 1
JUMPER

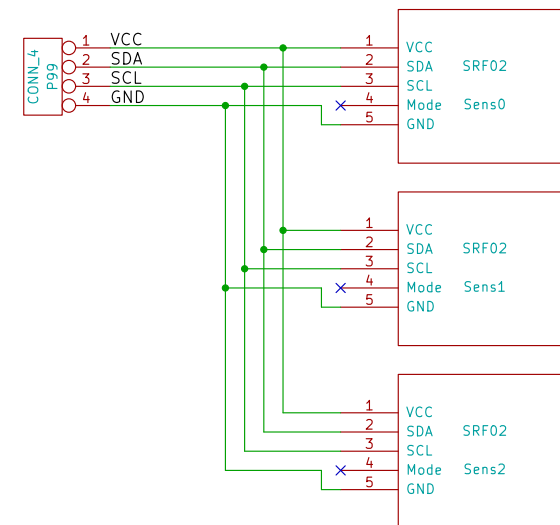
Default: 9600, N, 8, 1







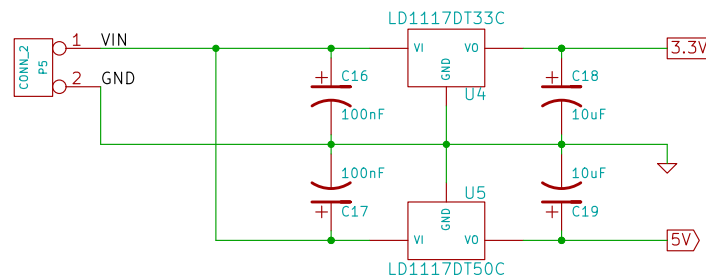
This is how the sensors would be connected to the I2C bus.



Authors: Pablo Odorico, Juan Bajo, Marcos Chaparro		
Directors: Ricardo Cayssials, Edgardo Ferro		
Departamento de Ingeniería Eléctrica y Computadoras, Universidad Nacional del Sur		
File: sensors.sch		
Sheet: /Sensors/		
Title: Distance Sensors		
Size: A4	Date: 11 apr 2012	Rev: 0.2
KiCad E.D.A.		Id: 4/6

LD1117xx50C dropout voltage is:
1V @ 100mA
1.15V @ 500mA
VIN should be between 6.15V and 15V.

LD1115xx Reference Design



Authors: Pablo Odorico, Juan Bajo, Marcos Chaparro		
Directors: Ricardo Cayssials, Edgardo Ferro		
Departamento de Ingeniería Eléctrica y Computadoras, Universidad Nacional del Sur		
File: power.sch		
Sheet: /Power/		
Title: Power Supply		
Size: A4	Date: 11 apr 2012	Rev: 0.2
KiCad E.D.A.		Id: 6/6