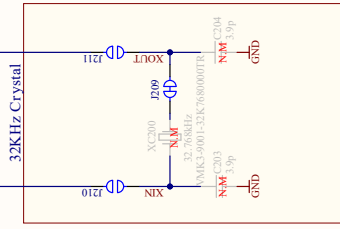
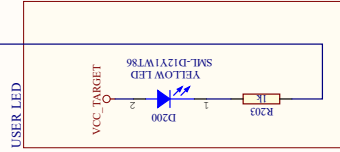
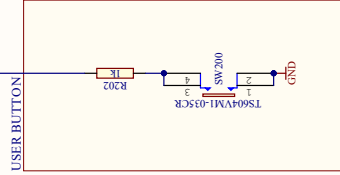
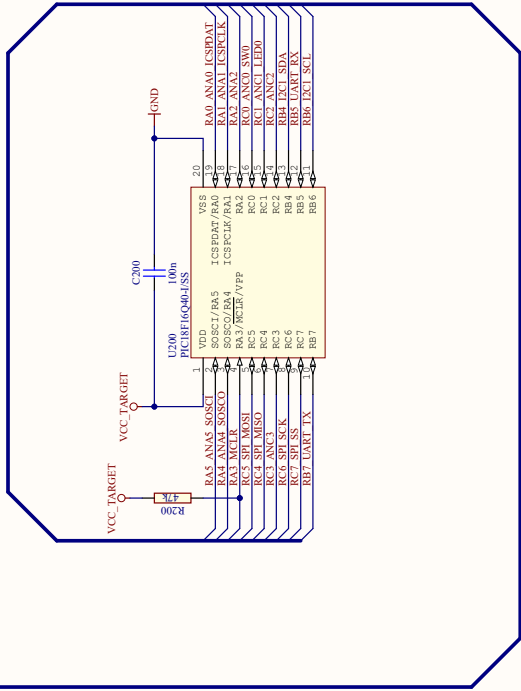
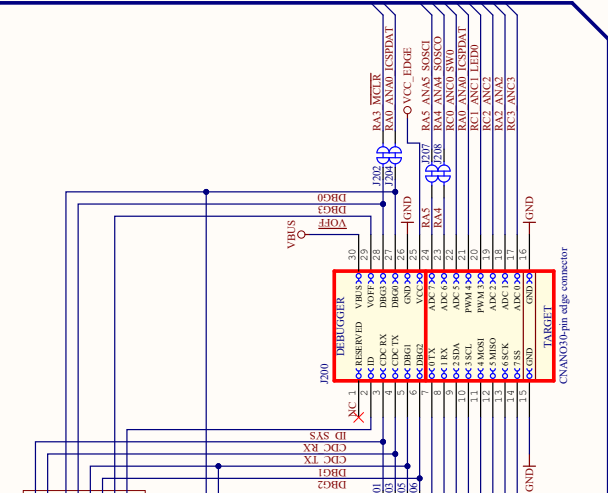
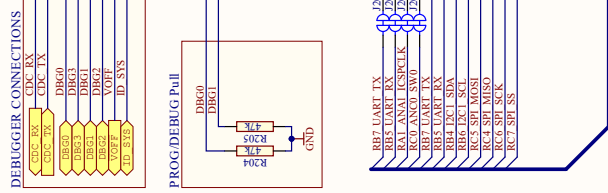
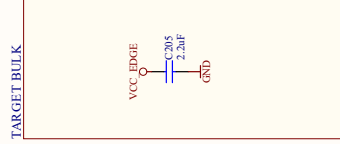


PIC18F16Q40

PIC18F16Q40		
Debugger	Name	Pin
CDC TX	UART(In) RX	RB5
CDC RX	UART(In) TX	RB7
DBG0	ICS0DAT	RA0
DBG1	ICS0CLK	RA1
DBG2	GP00	RC0
DBG3	MCLR	RA3
VTG		1.8V - 5.5V



Crystal datasheet:
 Crystal = 7pF
 max ESR = 70KOhm
 Accuracy ±20ppm
 Estimated parameters
 C_{in} = 5pF
 C_{out} = 2.2pF
 C_{ph} = 2.5pF
 Estimated load
 C_{in} (Crystal) = 5pF
 C = 2.2pF ± 2.5pF ± 2.5pF
 C = 4pF
 C = 3.9pF
 Selected in design
 C = 3.9pF



NOTE on UART/CDC:
 RX/TX on the header denotes the input/output direction of the signal respective to its source.

NOTE on I2C:
 No pull-ups on board. Pull-ups should be installed close to slave device(s).

