

Start = power on

Configure
+ special function regs.
+ status bits
+ ram
+ config
+ reset values

main

Check button 1

Call soundy

Loop main

adc

Configure flags etc
+ clear adif
+ clear adon
+ set adon
delay

Adc done?
Changed adresh value

+ Put adresh into datx

The problem

- + it seems as if adc does not answer...
- + that it is never finished / wrongly started / not started?
- + Flag-change (adif) is not detected?
- + Done-flag not detected?

pressed

soundy

+ Put datx = upx = up1x = up2x

+ switch led2 on
+ increment up1x until it reaches zero
if zero reached
+ switch led2 off
+ increment up2x until it reaches zero

