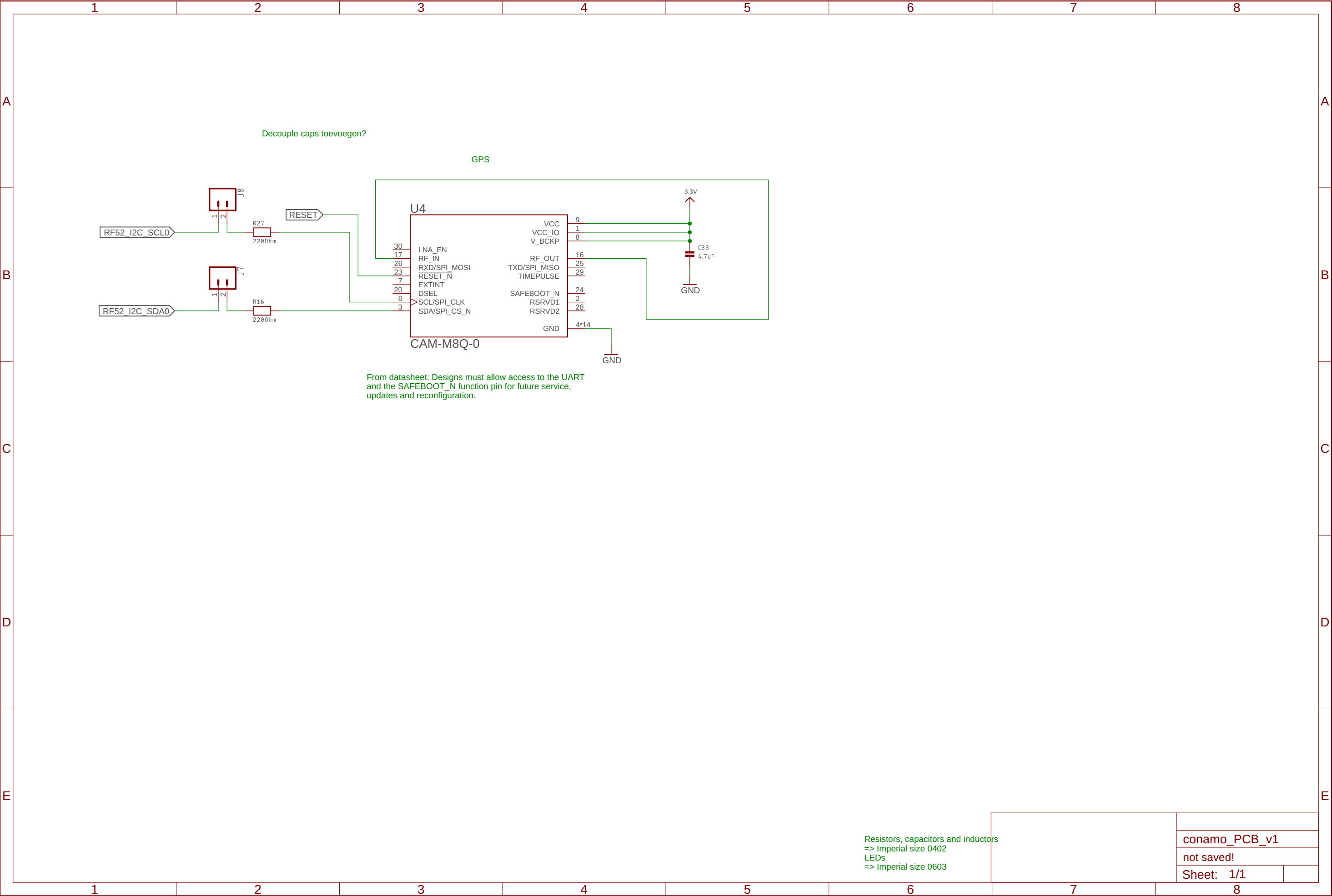


USB POWER

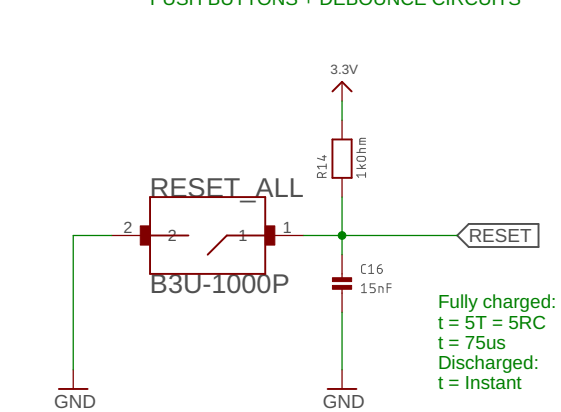


14/08/2018 11:58 C:\Users\Rombit\Documents\Repositories\conamo-hardware\conamo_PCB_v1\conamo_PCB_v1.sch (Sheet: 1/1)

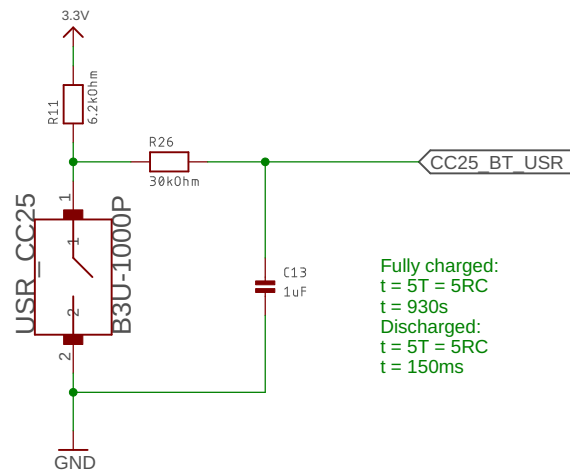


* Check CC2535 software UART pins!!!

PUSH BUTTONS + DEBOUNCE CIRCUITS

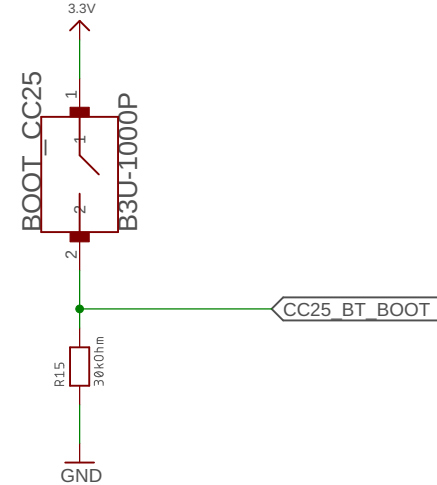
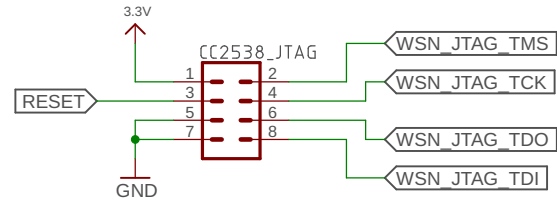


Fully charged:
 $t = 5T = 5RC$
 $t = 75\mu s$
Discharged:
 $t = \text{Instant}$

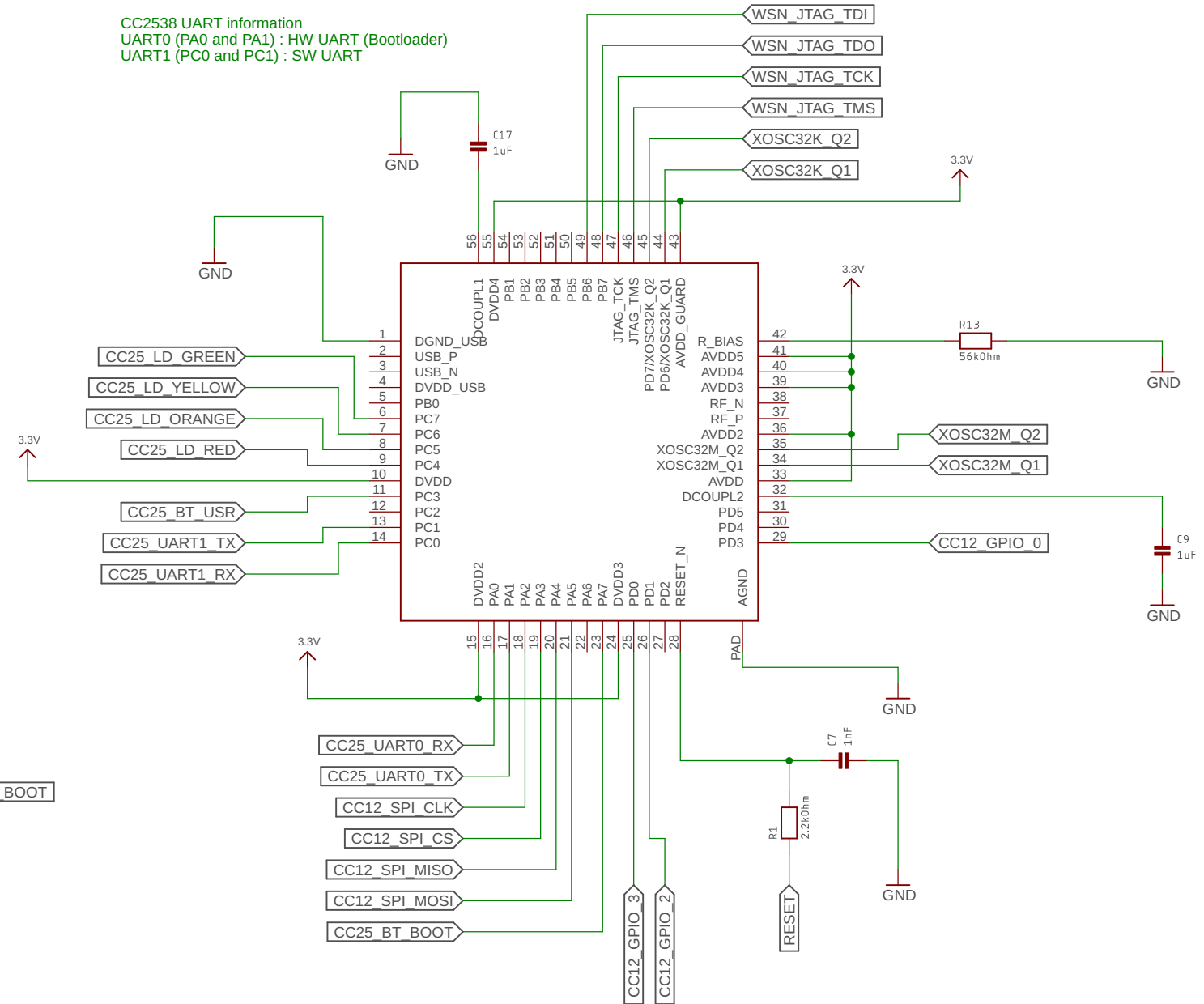


Fully charged:
 $t = 5T = 5RC$
 $t = 930s$
Discharged:
 $t = 5T = 5RC$
 $t = 150ms$

CC2538 JTAG CONNECTOR

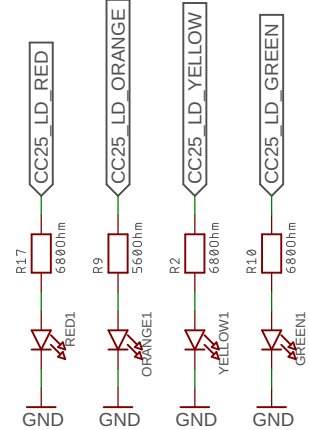


CC2538 UART information
UART0 (PA0 and PA1) : HW UART (Bootloader)
UART1 (PC0 and PC1) : SW UART

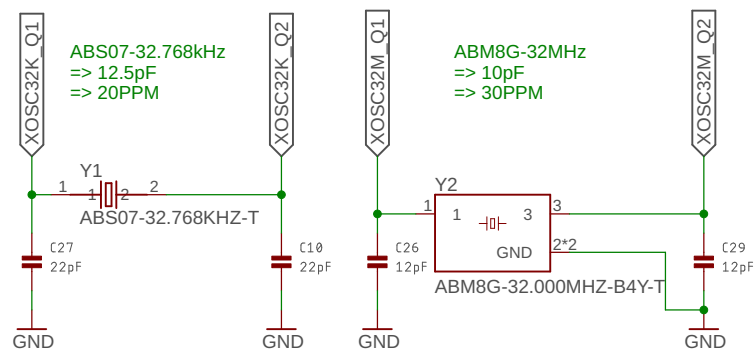


STATUS LED CC2538

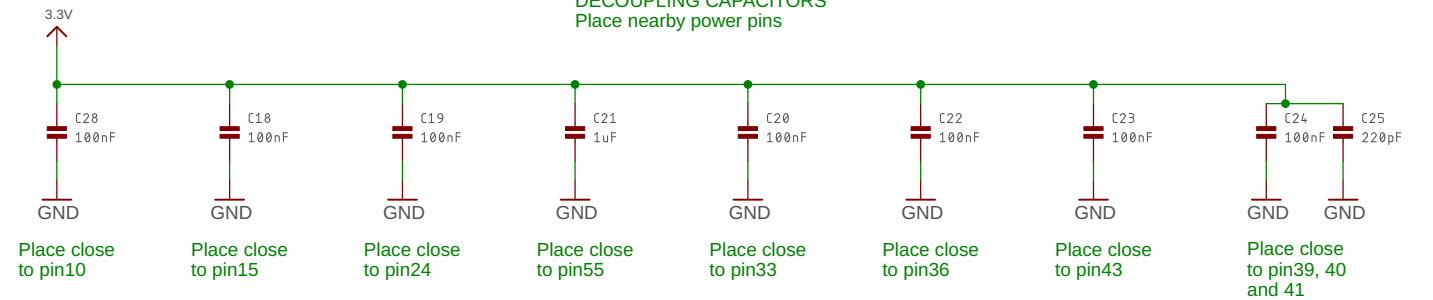
Rv's calculated : If = 2mA



CLOCKS



DECOUPLING CAPACITORS Place nearby power pins



Resistors, capacitors and inductors
=> Imperial size 0402
LEDs
=> Imperial size 0603

conamo_PCB_v1

not saved!

Sheet: 1/1

