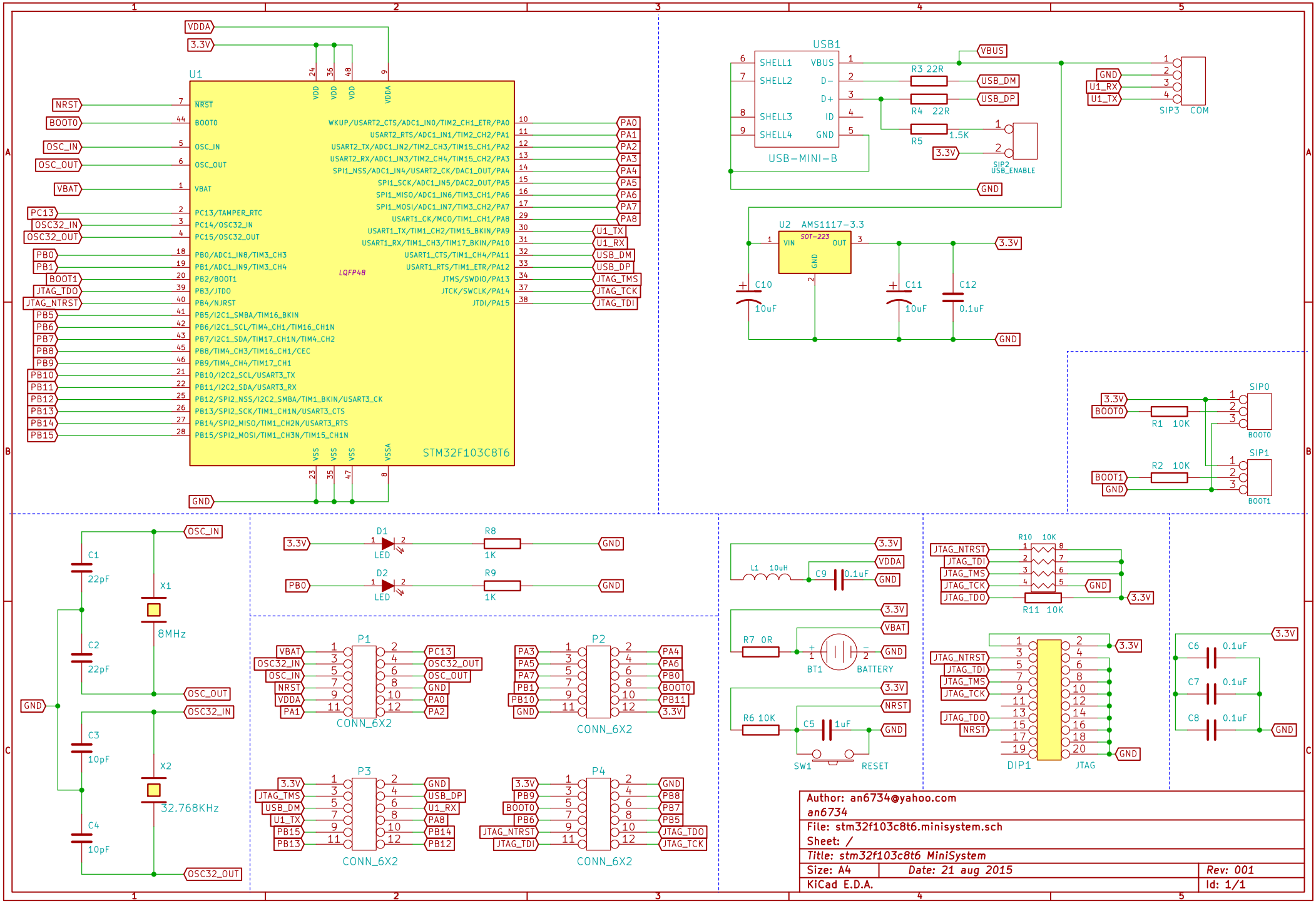
U1
STM32F103C8T6
LQFP48
VDDA
3.3V
NRST
BOOT0
OSC_IN
OSC_OUT
VBAT
PC13
OSC32_IN
OSC32_OUT
PB0
PB1
BOOT1
JTAG_TDO
JTAG_NTRST
PB5
PB6
PB7
PB8
PB9
PB10
PB11
PB12
PB13
PB14
PB15
GND
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PA8
U1_TX
U1_RX
USB_DM
USB_DP
JTAG_TMS
JTAG_TCK
JTAG_TDI
USB1
USB-MINI-B
SHELL1
SHELL2
SHELL3
SHELL4
VBUS
D-
D+
ID
R3 22R
R4 22R
R5 1.5K
SIP2
USB_ENABLE
SIP3
COM
U2 AMS1117-3.3
SOT-223
VIN
OUT
C10 10uF
C11 10uF
C12 0.1uF
SIP0
BOOT0
R1 10K
SIP1
BOOT1
R2 10K
C1 22pF
C2 22pF
X1 8MHz
C3 10pF
C4 10pF
X2 32.768KHz
D1 LED
R8 1K
D2 LED
R9 1K
P1
CONN_6X2
P2
CONN_6X2
P3
CONN_6X2
P4
CONN_6X2
L1 10uH
C9 0.1uF
R7 0R
BT1
BATTERY
R6 10K
C5 1uF
SW1
RESET
R10 10K
R11 10K
DIP1
JTAG
C6 0.1uF
C7 0.1uF
C8 0.1uF
Author: an6734@yahoo.com
an6734
File: stm32f103c8t6.minisystem.sch
Sheet: /
Title: stm32f103c8t6 MiniSystem
Size: A4
Date: 21 aug 2015
Rev: 001
KiCad E.D.A.
Id: 1/1