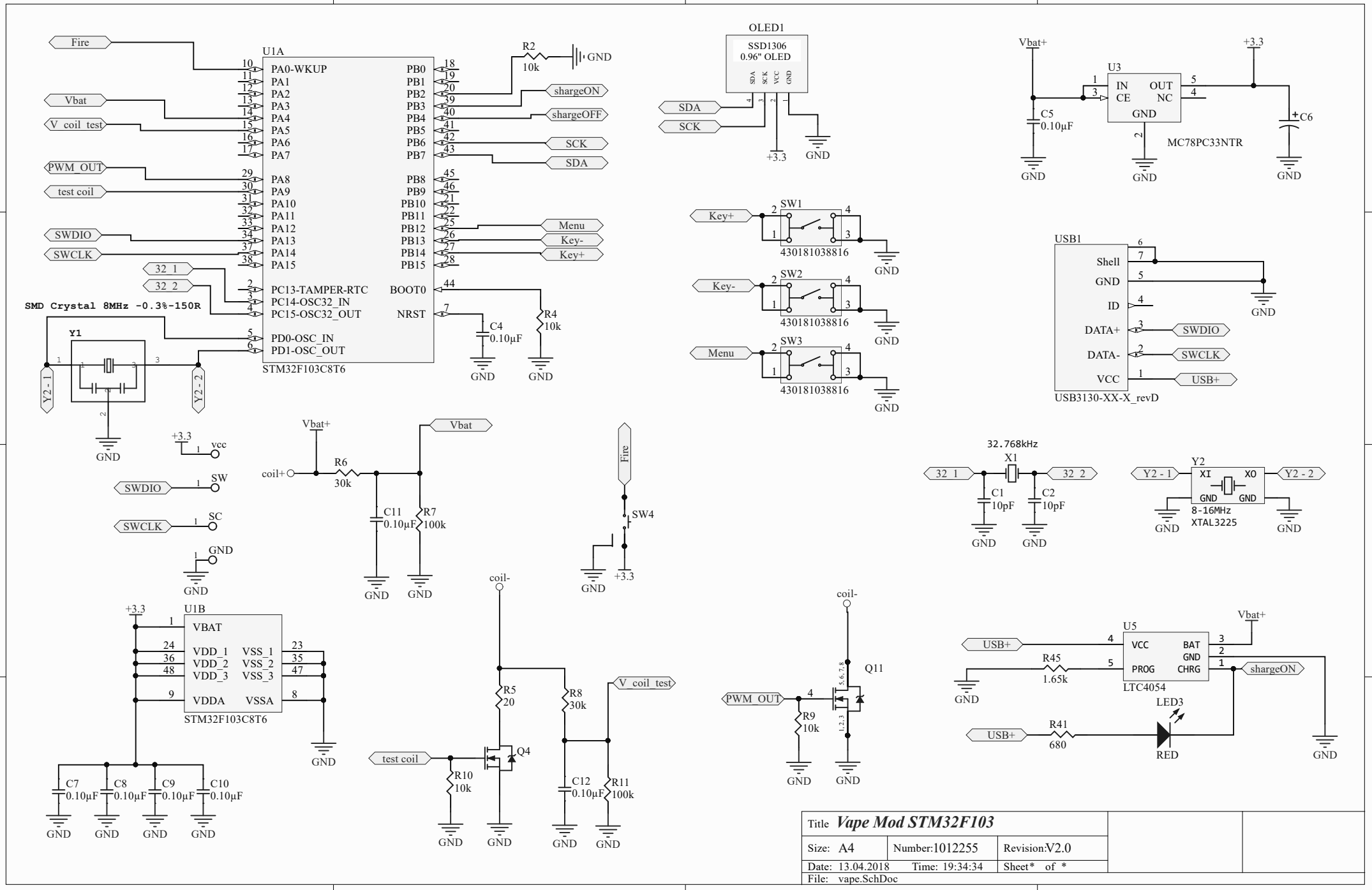
U1A
STM32F103C8T6
PA0-WKUP
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PA8
PA9
PA10
PA11
PA12
PA13
PA14
PA15
PC13-TAMPER-RTC
PC14-OSC32_IN
PC15-OSC32_OUT
PD0-OSC_IN
PD1-OSC_OUT
PB0
PB1
PB2
PB3
PB4
PB5
PB6
PB7
PB8
PB9
PB10
PB11
PB12
PB13
PB14
PB15
BOOT0
NRST
Fire
Vbat
V_coil_test
PWM_OUT
test coil
SWDIO
SWCLK
32_1
32_2
shargeON
shargeOFF
SCK
SDA
Menu
Key-
Key+
R2
10k
GND
R4
10k
C4
0.10µF
SMD Crystal 8MHz -0.3%-150R
Y1
Y2 - 1
Y2 - 2
OLED1
SSD1306
0.96" OLED
SDA
SCK
VCC
+3.3
SW1
SW2
SW3
430181038816
Vbat+
U3
IN
OUT
CE
NC
C5
0.10µF
C6
MC78PC33NTR
USB1
Shell
ID
DATA+
DATA-
VCC
USB3130-XX-X_revD
vcc
SW
SC
coil+
R6
30k
C11
0.10µF
R7
100k
SW4
32.768kHz
X1
C1
10pF
C2
10pF
Y2
XI
XO
8-16MHz
XTAL3225
U1B
VBAT
VDD_1
VDD_2
VDD_3
VSS_1
VSS_2
VSS_3
VDDA
VSSA
STM32F103C8T6
C7
0.10µF
C8
0.10µF
C9
0.10µF
C10
0.10µF
coil-
R5
20
R8
30k
Q4
R10
10k
C12
0.10µF
R11
100k
Q11
R9
10k
U5
VCC
BAT
GND
PROG
CHRG
LTC4054
R45
1.65k
R41
680
LED3
RED
Title Vape Mod STM32F103
Size: A4
Number:1012255
Revision:V2.0
Date: 13.04.2018
Time: 19:34:34
Sheet* of *
File: vape.SchDoc