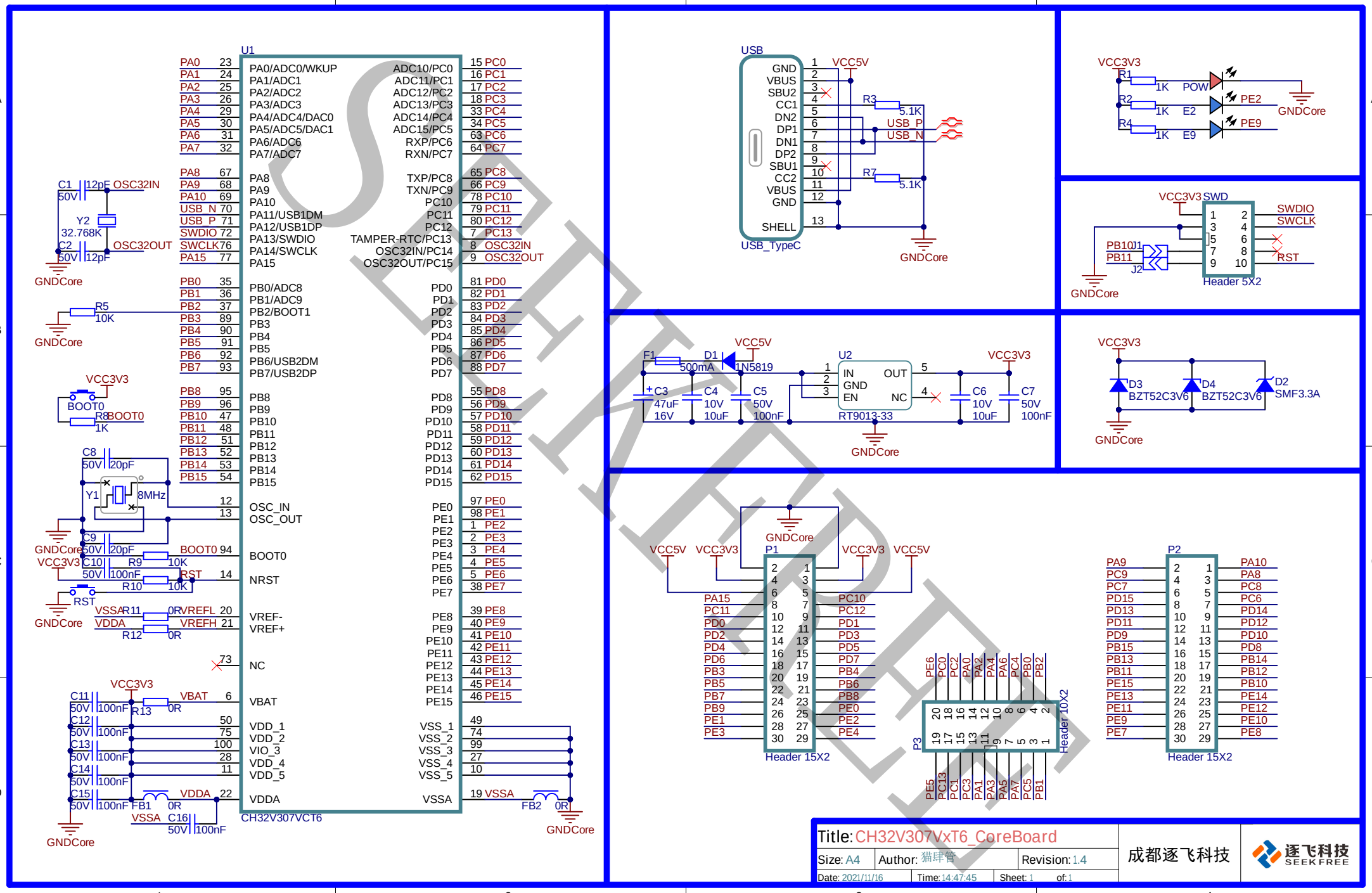
U1
CH32V307VCT6
PA0/ADC0/WKUP
PA1/ADC1
PA2/ADC2
PA3/ADC3
PA4/ADC4/DAC0
PA5/ADC5/DAC1
PA6/ADC6
PA7/ADC7
PA8
PA9
PA10
PA11/USB1DM
PA12/USB1DP
PA13/SWDIO
PA14/SWCLK
PA15
PB0/ADC8
PB1/ADC9
PB2/BOOT1
PB3
PB4
PB5
PB6/USB2DM
PB7/USB2DP
PB8
PB9
PB10
PB11
PB12
PB13
PB14
PB15
OSC_IN
OSC_OUT
BOOT0
NRST
VREF-
VREF+
NC
VBAT
VDD_1
VDD_2
VIO_3
VDD_4
VDD_5
VDDA
VSSA
ADC10/PC0
ADC11/PC1
ADC12/PC2
ADC13/PC3
ADC14/PC4
ADC15/PC5
RXP/PC6
RXN/PC7
TXP/PC8
TXN/PC9
PC10
PC11
PC12
TAMPER-RTC/PC13
OSC32IN/PC14
OSC32OUT/PC15
PD0
PD1
PD2
PD3
PD4
PD5
PD6
PD7
PD8
PD9
PD10
PD11
PD12
PD13
PD14
PD15
PE0
PE1
PE2
PE3
PE4
PE5
PE6
PE7
PE8
PE9
PE10
PE11
PE12
PE13
PE14
PE15
VSS_1
VSS_2
VSS_3
VSS_4
VSS_5
VSSA
USB
USB_TypeC
GND
VBUS
SBU2
CC1
DN2
DP1
DN1
DP2
SBU1
CC2
VBUS
GND
SHELL
VCC5V
R3 5.1K
R7 5.1K
USB_P
USB_N
GNDCore
VCC3V3
R1 1K POW
R2 1K E2
R4 1K E9
PE2
PE9
SWD
SWDIO
SWCLK
RST
PB10
PB11
J1
J2
Header 5X2
F1 500mA
D1 1N5819
C3 47uF 16V
C4 10V 10uF
C5 50V 100nF
U2
IN
GND
EN
OUT
NC
RT9013-33
C6 10V 10uF
C7 50V 100nF
D3 BZT52C3V6
D4 BZT52C3V6
D2 SMF3.3A
C1 12pF 50V
Y2 32.768K
C2 12pF 50V
OSC32IN
OSC32OUT
R5 10K
BOOT0
R8 1K
C8 50V 20pF
Y1 8MHz
C9 50V 20pF
C10 50V 100nF
R9 10K
R10 10K
RST
VSSA
VDDA
R11 0R
R12 0R
VREFL
VREFH
C11 50V 100nF
C12 50V 100nF
C13 50V 100nF
C14 50V 100nF
C15 50V 100nF
R13 0R
FB1 0R
C16 50V 100nF
FB2 0R
P1
Header 15X2
P2
Header 15X2
P3
Header 10X2
PA15
PC11
PD0
PD2
PD4
PD6
PB3
PB5
PB7
PB9
PE1
PE3
PC10
PC12
PD1
PD3
PD5
PD7
PB4
PB6
PB8
PE0
PE2
PE4
PA9
PC9
PC7
PD15
PD13
PD11
PD9
PB15
PB13
PB11
PE15
PE13
PE11
PE9
PE7
PA10
PA8
PC8
PC6
PD14
PD12
PD10
PD8
PB14
PB12
PB10
PE14
PE12
PE10
PE8
PE6
PC0
PC2
PA0
PA2
PA4
PA6
PC4
PB0
PB2
PE5
PC13
PC1
PC3
PA1
PA3
PA5
PA7
PC5
PB1
Title: CH32V307VxT6_CoreBoard
Size: A4
Author: 猫肆管
Revision: 1.4
Date: 2021/11/16
Time: 14:47:45
Sheet: 1 of: 1
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