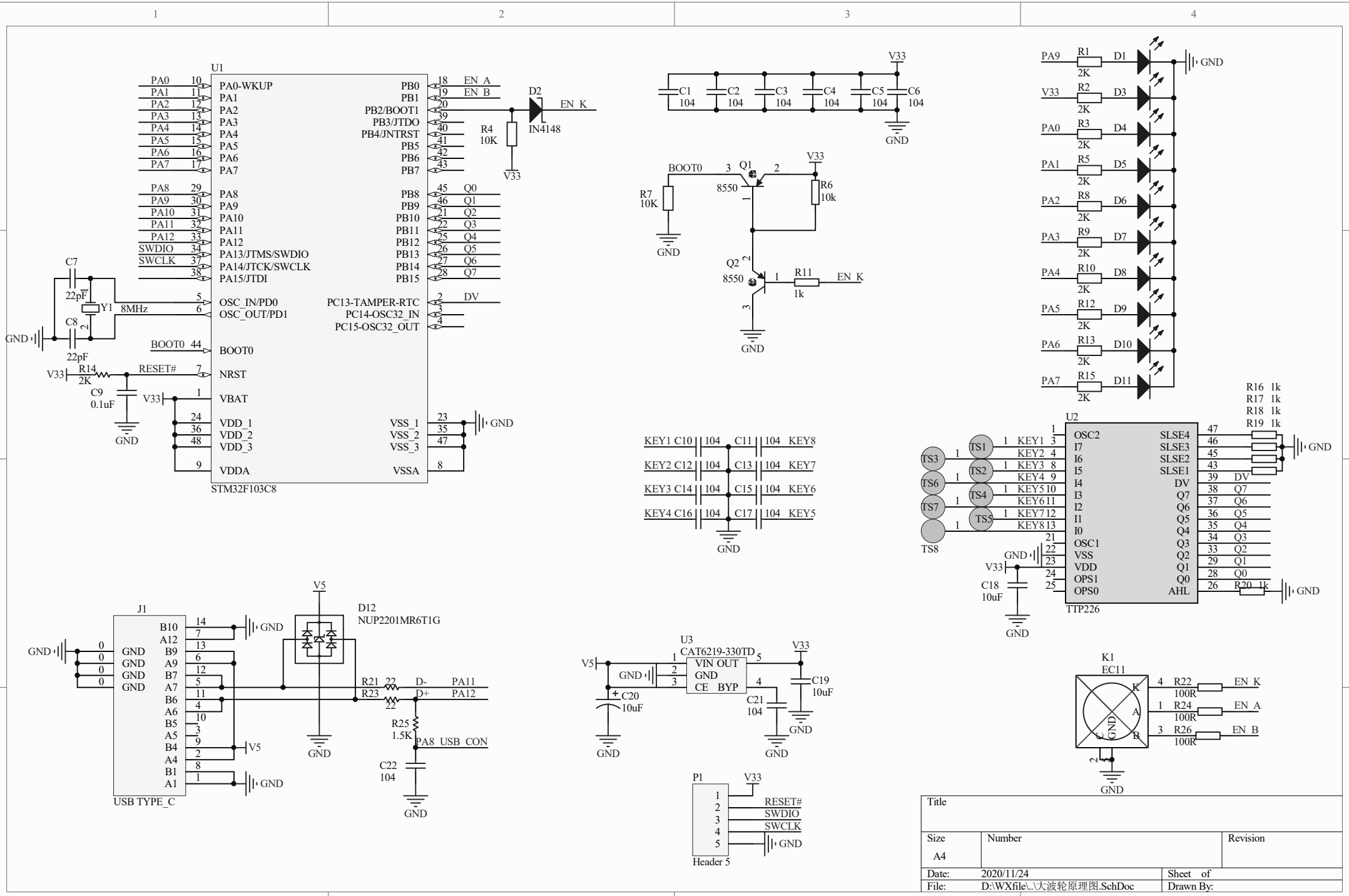
U1
STM32F103C8
PA0-WKUP
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PA8
PA9
PA10
PA11
PA12
PA13/JTMS/SWDIO
PA14/JTCK/SWCLK
PA15/JTDI
PB0
PB1
PB2/BOOT1
PB3/JTDO
PB4/JNTRST
PB5
PB6
PB7
PB8
PB9
PB10
PB11
PB12
PB13
PB14
PB15
OSC_IN/PD0
OSC_OUT/PD1
PC13-TAMPER-RTC
PC14-OSC32_IN
PC15-OSC32_OUT
BOOT0
NRST
VBAT
VDD_1
VDD_2
VDD_3
VDDA
VSS_1
VSS_2
VSS_3
VSSA
EN_A
EN_B
EN_K
Q0
Q1
Q2
Q3
Q4
Q5
Q6
Q7
DV
D2
IN4148
R4
10K
Y1
8MHz
C7
22pF
C8
22pF
R14
2K
RESET#
C9
0.1uF
V33
GND
C1
104
C2
104
C3
104
C4
104
C5
104
C6
104
Q1
8550
Q2
8550
R6
10k
R7
10K
R11
1k
PA9
V33
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
R1
R2
R3
R4
R5
R8
R9
R10
R12
R13
R15
2K
D1
D3
D4
D5
D6
D7
D8
D9
D10
D11
KEY1 C10 104 C11 104 KEY8
KEY2 C12 104 C13 104 KEY7
KEY3 C14 104 C15 104 KEY6
KEY4 C16 104 C17 104 KEY5
U2
TTP226
OSC2
I7
I6
I5
I4
I3
I2
I1
I0
OSC1
VSS
VDD
OPS1
OPS0
SLSE4
SLSE3
SLSE2
SLSE1
DV
Q7
Q6
Q5
Q4
Q3
Q2
Q1
Q0
AHL
KEY1
KEY2
KEY3
KEY4
KEY5
KEY6
KEY7
KEY8
TS1
TS2
TS3
TS4
TS5
TS6
TS7
TS8
R16 1k
R17 1k
R18 1k
R19 1k
R20 1k
C18
10uF
J1
USB TYPE_C
D12
NUP2201MR6T1G
R21 22 D- PA11
R23 22 D+ PA12
R25
1.5K
PA8_USB_CON
C22
104
U3
CAT6219-330TD
VIN OUT
GND
CE BYP
C19
10uF
C20
10uF
C21
104
K1
EC11
R22
100R
R24
100R
R26
100R
P1
Header 5
RESET#
SWDIO
SWCLK
Title
Size
A4
Number
Revision
Date: 2020/11/24
Sheet of
File: D:\WXfile\..\大波轮原理图.SchDoc
Drawn By: