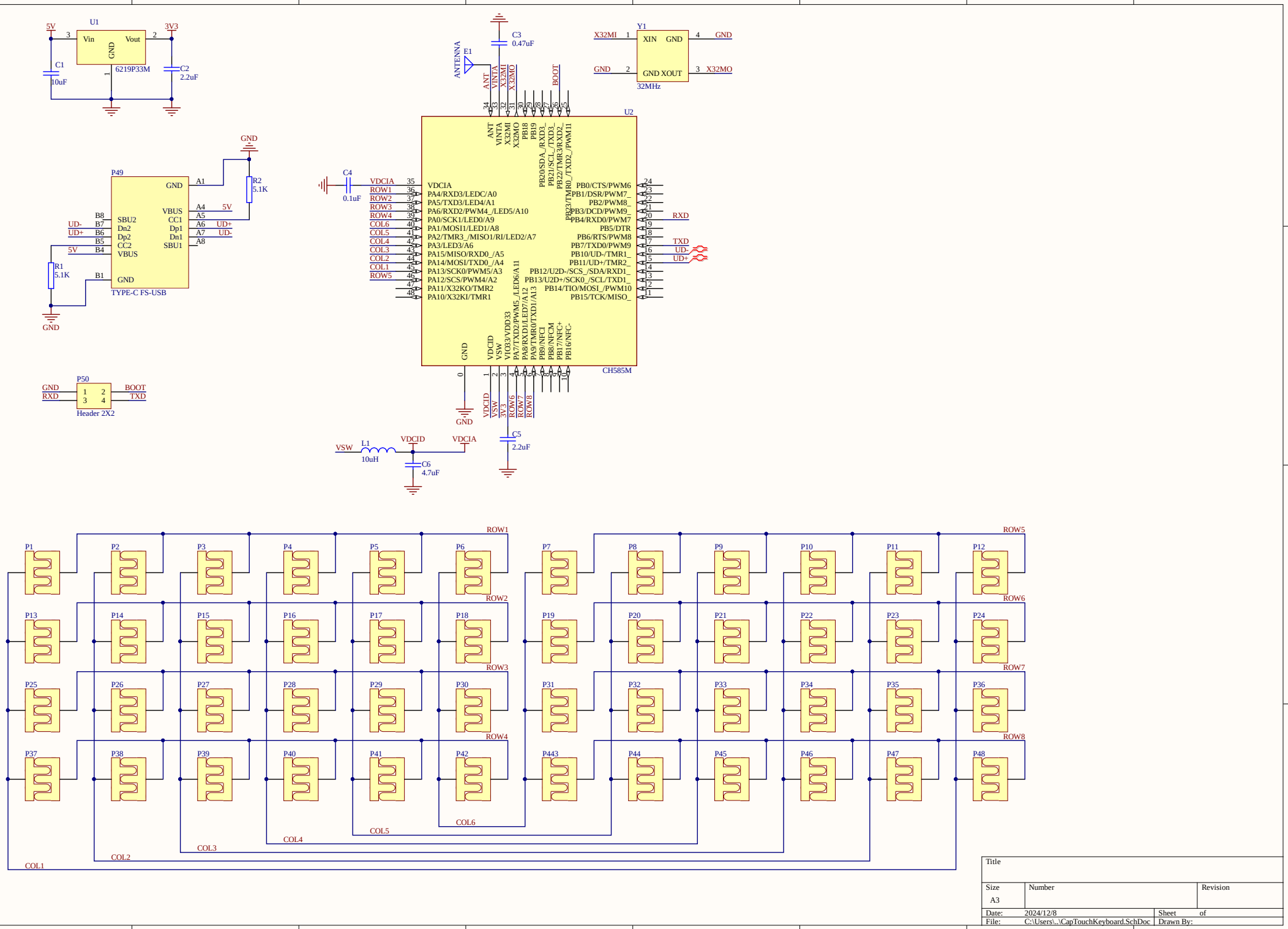
U1
6219P33M
Vin
Vout
GND
5V
3V3
C1
10uF
C2
2.2uF
P49
TYPE-C FS-USB
SBU2
Dn2
Dp2
CC2
VBUS
GND
A1
A4
A5
A6
A7
A8
B8
B7
B6
B5
B4
B1
VBUS
CC1
Dp1
Dn1
SBU1
UD-
UD+
R1
5.1K
R2
5.1K
P50
Header 2X2
BOOT
TXD
RXD
ANTENNA
E1
C3
0.47uF
Y1
32MHz
XIN
XOUT
X32MI
X32MO
U2
CH585M
VDCIA
PA4/RXD3/LEDC/A0
PA5/TXD3/LED4/A1
PA6/RXD2/PWM4_/LED5/A10
PA0/SCK1/LED0/A9
PA1/MOSI1/LED1/A8
PA2/TMR3_/MISO1/RI/LED2/A7
PA3/LED3/A6
PA15/MISO/RXD0_/A5
PA14/MOSI/TXD0_/A4
PA13/SCK0/PWM5/A3
PA12/SCS/PWM4/A2
PA11/X32KO/TMR2
PA10/X32KI/TMR1
PB0/CTS/PWM6
PB1/DSR/PWM7_
PB2/PWM8_
PB3/DCD/PWM9_
PB4/RXD0/PWM7
PB5/DTR
PB6/RTS/PWM8
PB7/TXD0/PWM9
PB10/UD-/TMR1_
PB11/UD+/TMR2_
PB12/U2D-/SCS_/SDA/RXD1_
PB13/U2D+/SCK0_/SCL/TXD1_
PB14/TIO/MOSI_/PWM10
PB15/TCK/MISO_
ROW1
ROW2
ROW3
ROW4
ROW5
ROW6
ROW7
ROW8
COL1
COL2
COL3
COL4
COL5
COL6
C4
0.1uF
C5
2.2uF
C6
4.7uF
L1
10uH
VSW
VDCID
VDCIA
Title
Size
A3
Number
Revision
Date:
2024/12/8
Sheet
of
File:
C:\Users\..\CapTouchKeyboard.SchDoc
Drawn By: