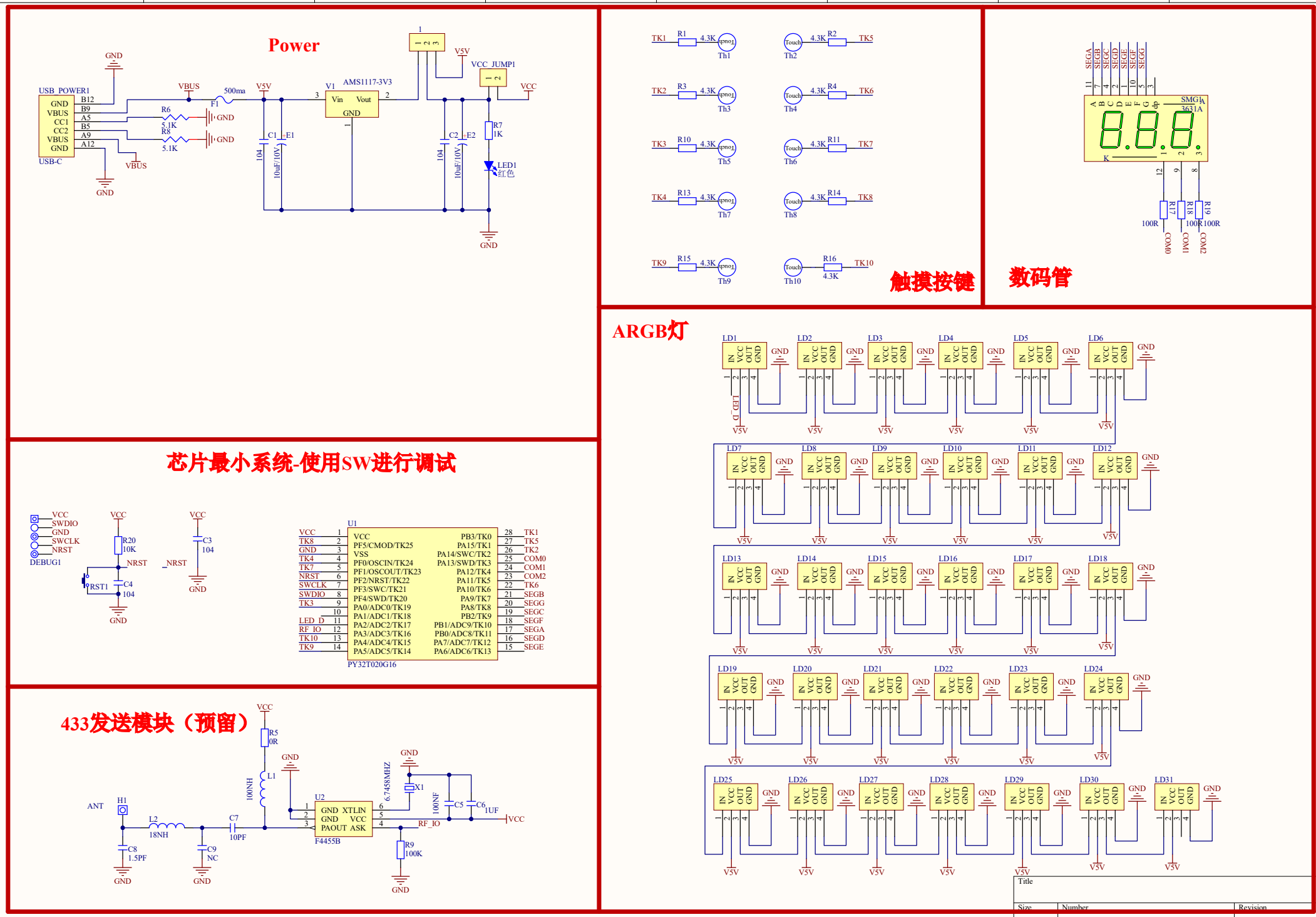
Power
USB_POWER1
USB-C
GND
VBUS
CC1
CC2
VBUS
GND
B12
B9
A5
B5
A9
A12
R6
5.1K
R8
5.1K
F1
500ma
V5V
V1
AMS1117-3V3
Vin
Vout
GND
VCC_JUMP1
VCC
C1
E1
C2
E2
104
10uF/10V
R7
1K
LED1
红色
触摸按键
TK1
TK2
TK3
TK4
TK5
TK6
TK7
TK8
TK9
TK10
R1
R2
R3
R4
R10
R11
R13
R14
R15
R16
4.3K
Touch
Th1
Th2
Th3
Th4
Th5
Th6
Th7
Th8
Th9
Th10
数码管
SEGA
SEGB
SEGC
SEGD
SEGE
SEGF
SEGG
SMG1A
3631A
R17
R18
R19
100R
COM0
COM1
COM2
芯片最小系统-使用SW进行调试
DEBUG1
SWDIO
SWCLK
NRST
R20
10K
RST1
C4
C3
U1
PY32T020G16
VCC
PF5/CMOD/TK25
VSS
PF0/OSCIN/TK24
PF1/OSCOUT/TK23
PF2/NRST/TK22
PF3/SWC/TK21
PF4/SWD/TK20
PA0/ADC0/TK19
PA1/ADC1/TK18
PA2/ADC2/TK17
PA3/ADC3/TK16
PA4/ADC4/TK15
PA5/ADC5/TK14
PB3/TK0
PA15/TK1
PA14/SWC/TK2
PA13/SWD/TK3
PA12/TK4
PA11/TK5
PA10/TK6
PA9/TK7
PA8/TK8
PB2/TK9
PB1/ADC9/TK10
PB0/ADC8/TK11
PA7/ADC7/TK12
PA6/ADC6/TK13
LED_D
RF_IO
433发送模块（预留）
ANT
H1
L1
L2
18NH
100NH
C7
10PF
C8
1.5PF
C9
NC
U2
F4455B
GND XTLIN
GND VCC
PAOUT ASK
6.7458MHZ
X1
100NF
C5
C6
1UF
R5
0R
R9
100K
ARGB灯
LD1
LD2
LD3
LD4
LD5
LD6
LD7
LD8
LD9
LD10
LD11
LD12
LD13
LD14
LD15
LD16
LD17
LD18
LD19
LD20
LD21
LD22
LD23
LD24
LD25
LD26
LD27
LD28
LD29
LD30
LD31
IN
VCC
OUT
GND
LED_D
V5V
Title
Size
A3
Number
Revision
Date:
3/18/2024
Sheet of
File:
D:\Puya\..\PY32T020 Touch Demo2 V1.0.SchDoc
Drawn By: