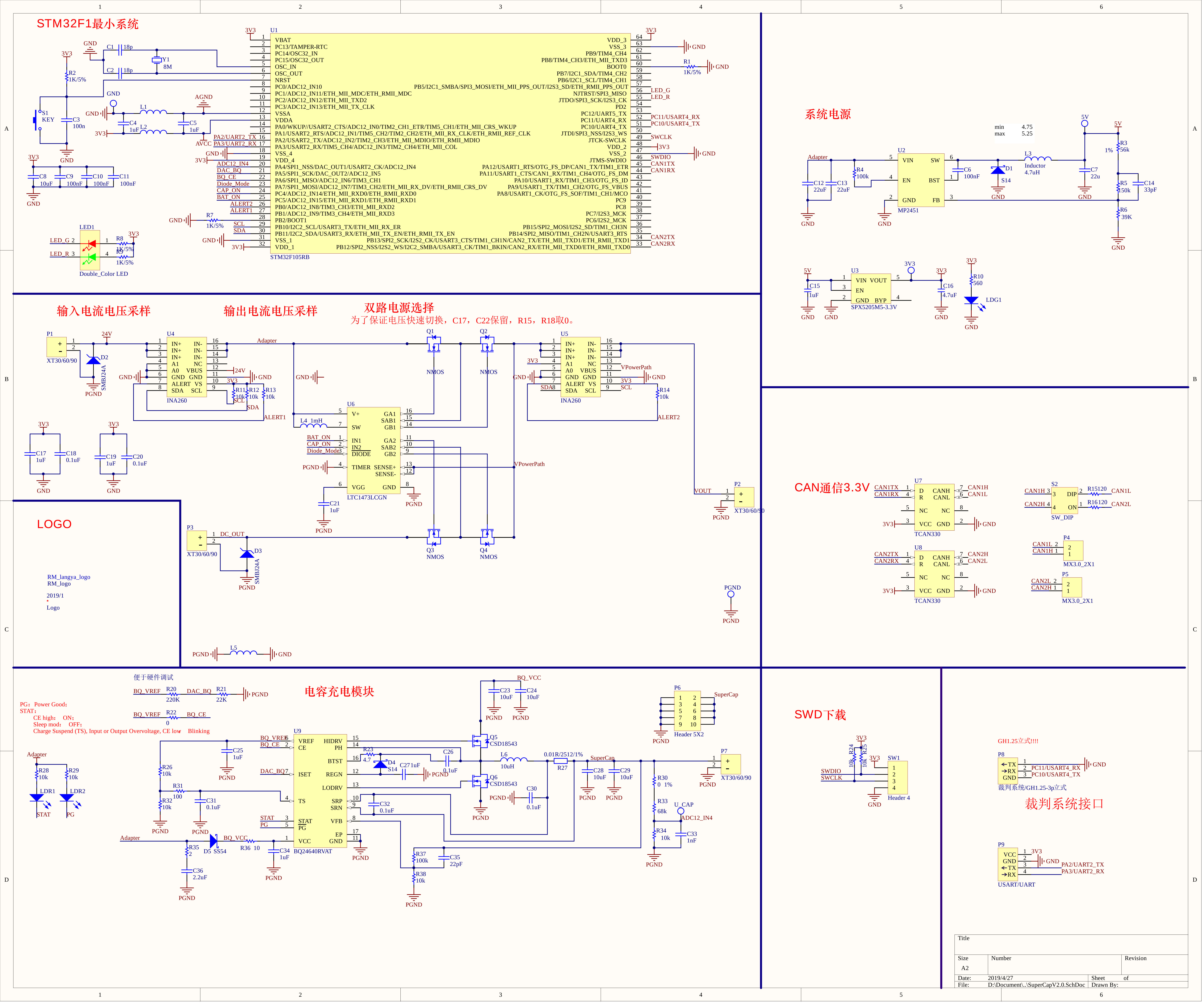
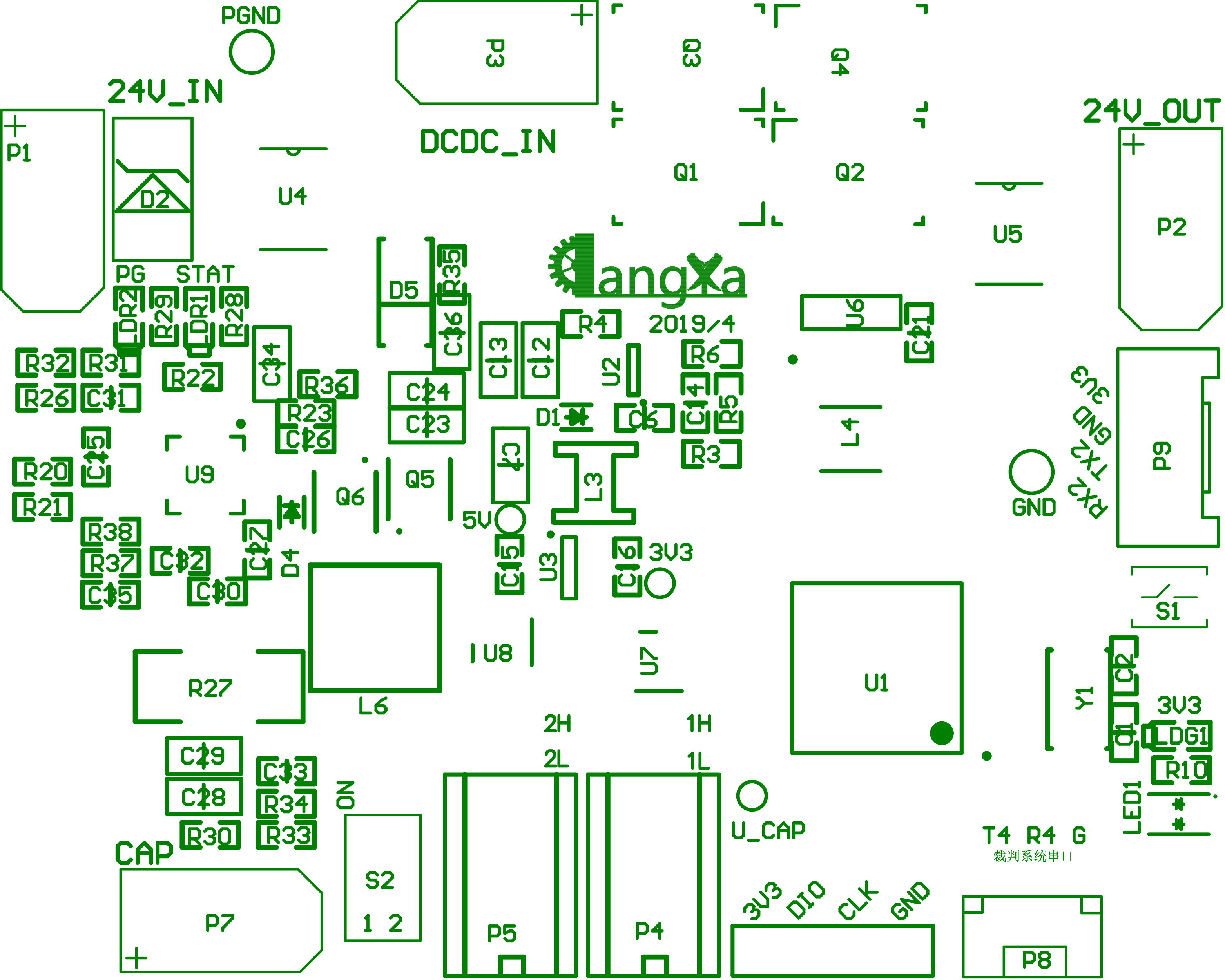
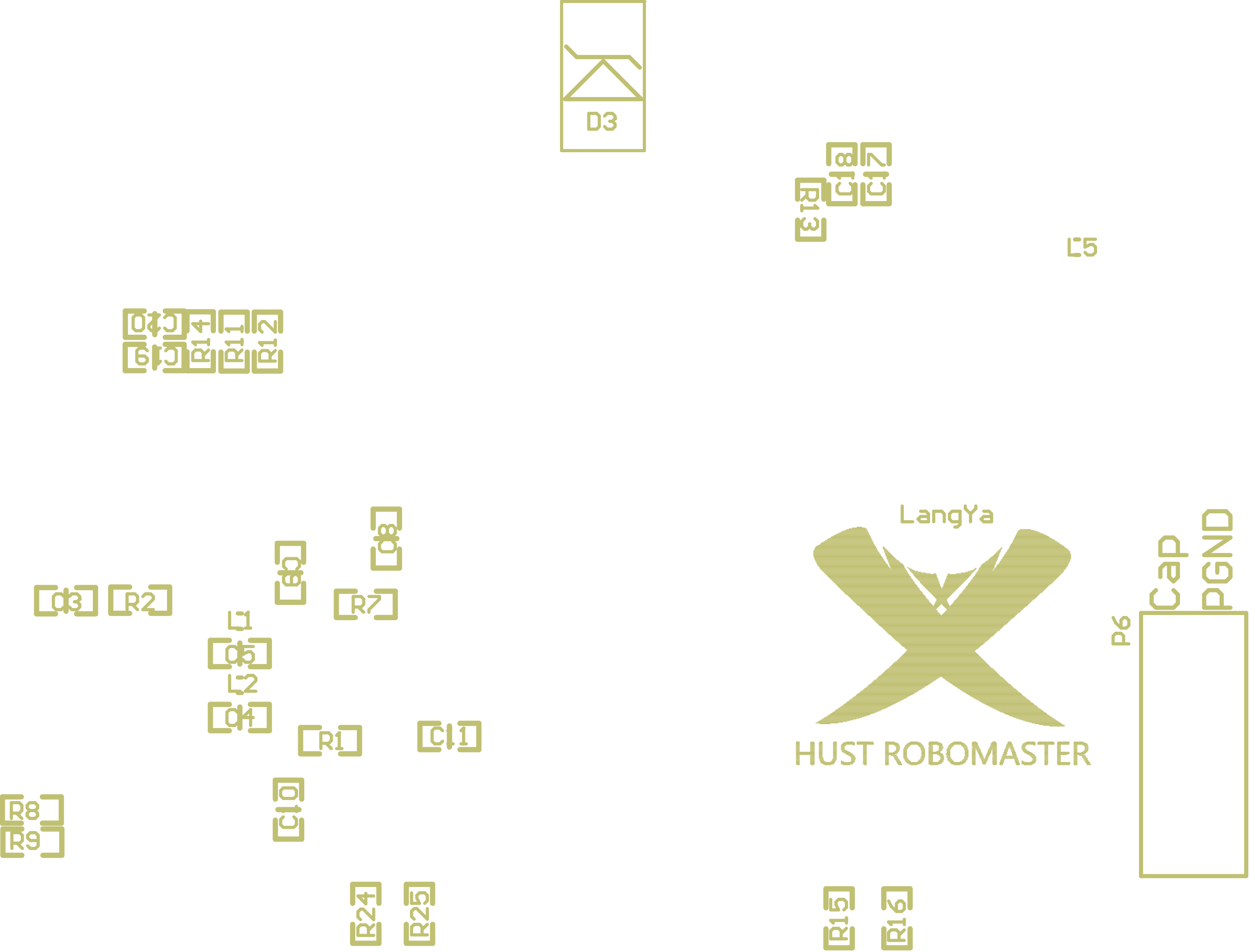
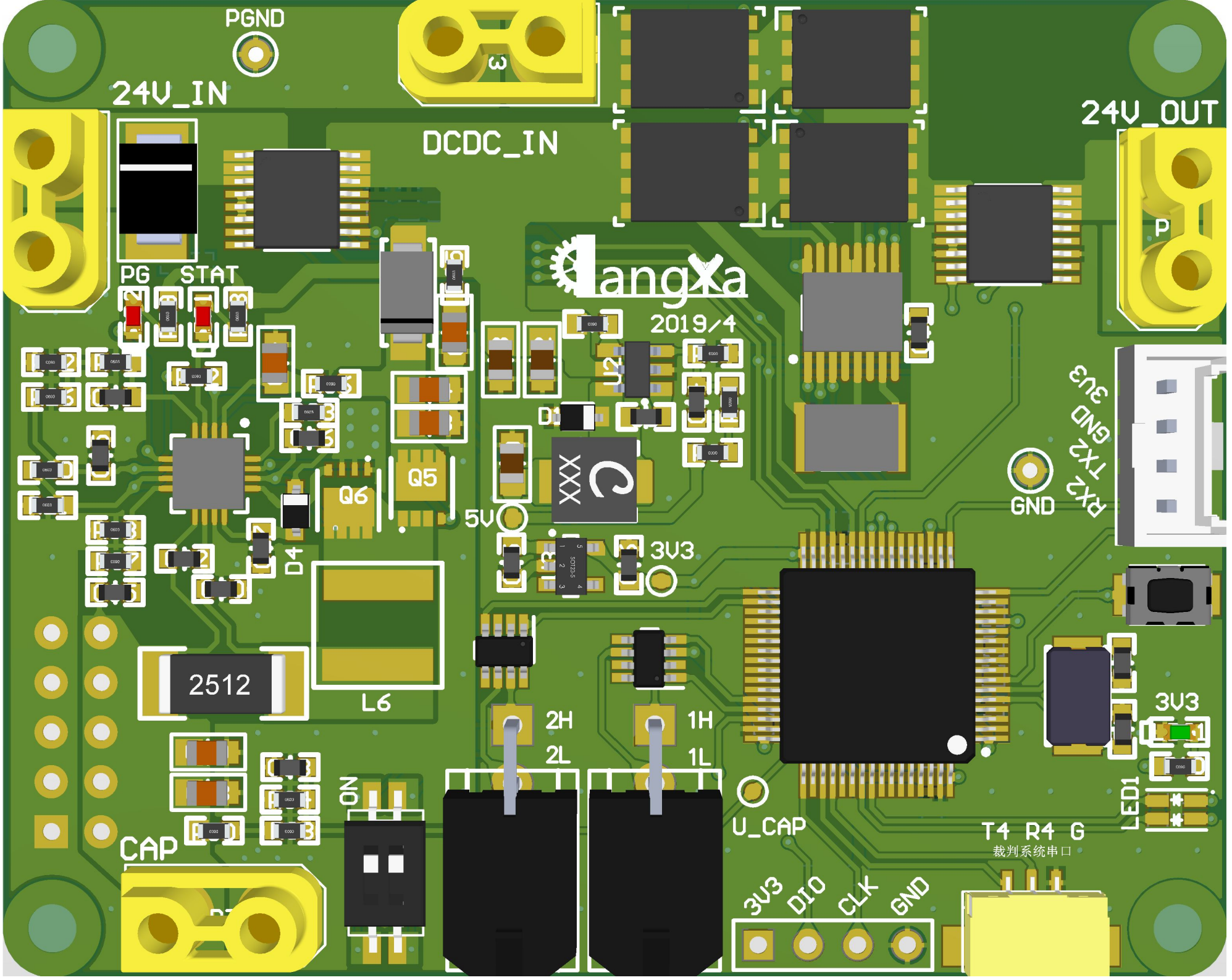
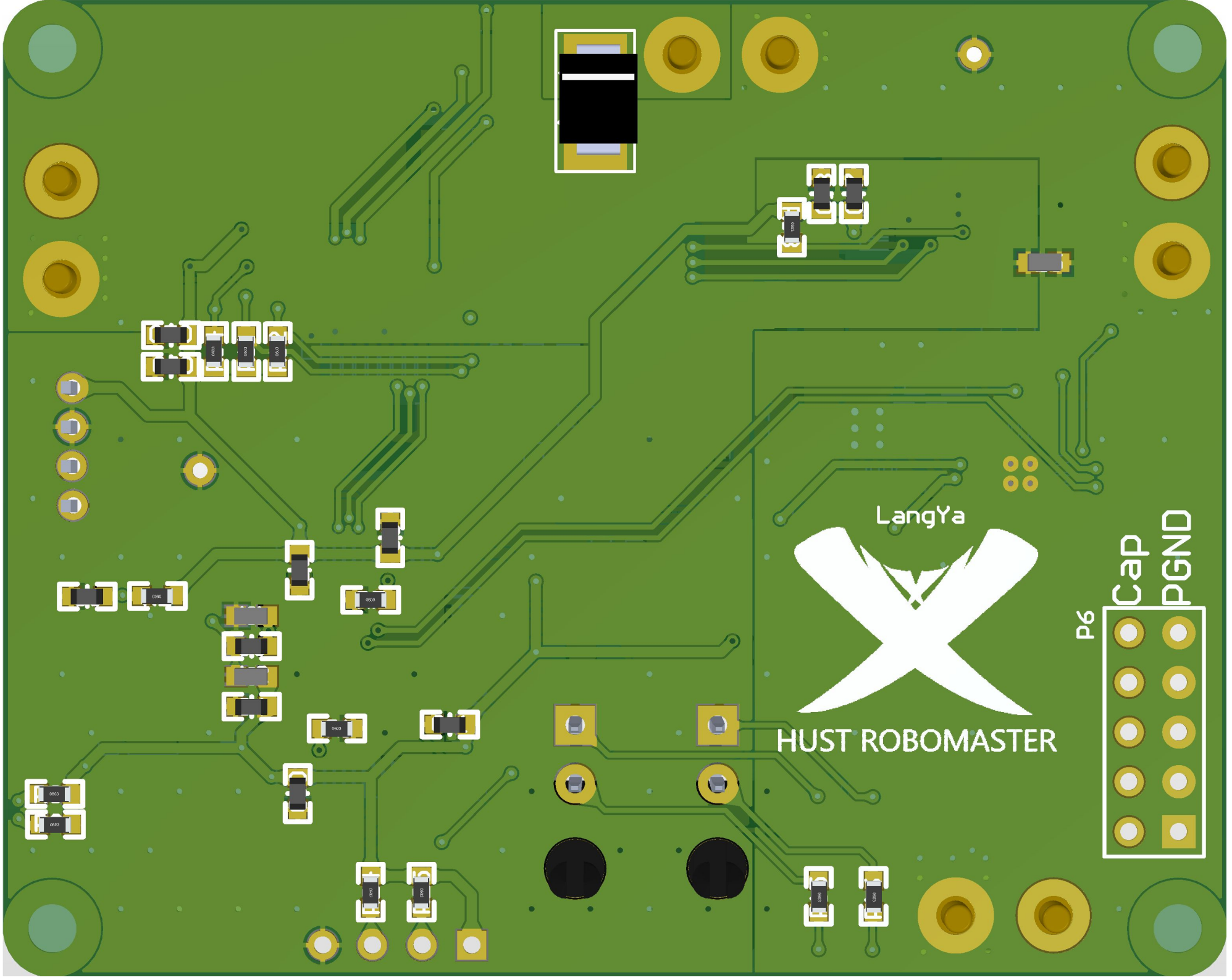

STM32F1最小系统
STM32F105RB
系统电源
MP2451
SPX5205M5-3.3V
输入电流电压采样
输出电流电压采样
双路电源选择
为了保证电压快速切换，C17，C22保留，R15，R18取0。
INA260
LTC1473LCGN
CAN通信3.3V
TCAN330
SW_DIP
MX3.0_2X1
LOGO
RM_langya_logo
RM_logo
2019/1
Logo
电容充电模块
便于硬件调试
PG：Power Good；
STAT：
CE high：　ON：
Sleep mod：　OFF：
Charge Suspend (TS), Input or Output Overvoltage, CE low　Blinking
BQ24640RVAT
CSD18543
SuperCap
Header 5X2
SWD下载
Header 4
GH1.25立式!!!!
裁判系统/GH1.25-3p立式
裁判系统接口
USART/UART
Title
Size
A2
Number
Revision
Date: 2019/4/27
Sheet of
File: D:\Document\..\SuperCapV2.0.SchDoc
Drawn By:


PGND
24V_IN
P1
D2
P3
DCDC_IN
Q3
Q4
Q1
Q2
24V_OUT
P2
U4
U5
PG
STAT
LDR2
R29
LDR1
R28
R32
R31
R26
C31
R22
C34
R36
D5
R35
C36
C24
C23
C13
C12
R4
2019/4
R6
U6
C11
U2
C14
R5
R3
D1
C6
L4
R23
C26
R20
R21
C25
U9
Q6
Q5
C4
L3
GND
3U3
GND
TX2
RX2
P9
5V
C15
U3
C16
3V3
R38
R37
C32
C27
D4
C35
C30
S1
U8
U7
U1
Y1
C2
C1
3V3
LDG1
R10
LED1
R27
L6
2H
2L
1H
1L
C29
C28
C33
R34
R33
R30
ON
CAP
P7
S2
1 2
P5
P4
U_CAP
3V3
DIO
CLK
GND
T4 R4 G
裁判系统串口
P8


D3
C18
C17
R13
L5
R14
R11
R12
R2
R7
L1
L2
R1
C11
R8
R9
C10
R24
R25
R15
R16
LangYa
HUST ROBOMASTER
Cap
PGND
P6


PGND
24V_IN
DCDC_IN
24V_OUT
PG
STAT
2019/4
D1
Q5
Q6
D4
5V
3V3
2512
L6
2H
2L
1H
1L
ON
CAP
U_CAP
GND
TX2
RX2
3V3
LED1
T4 R4 G
裁判系统串口
3V3
DIO
CLK
GND


LangYa
HUST ROBOMASTER
P6
Cap
PGND