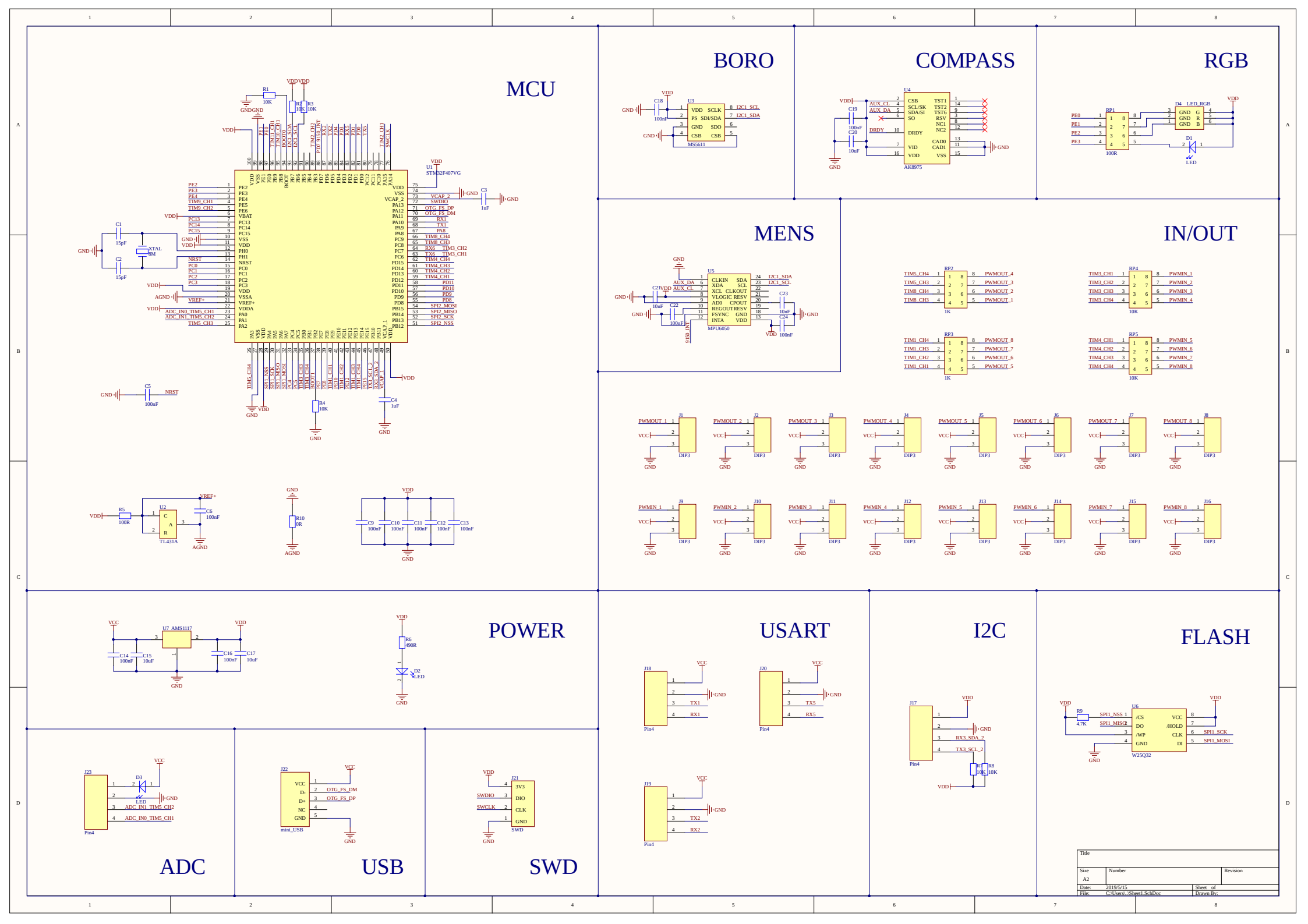
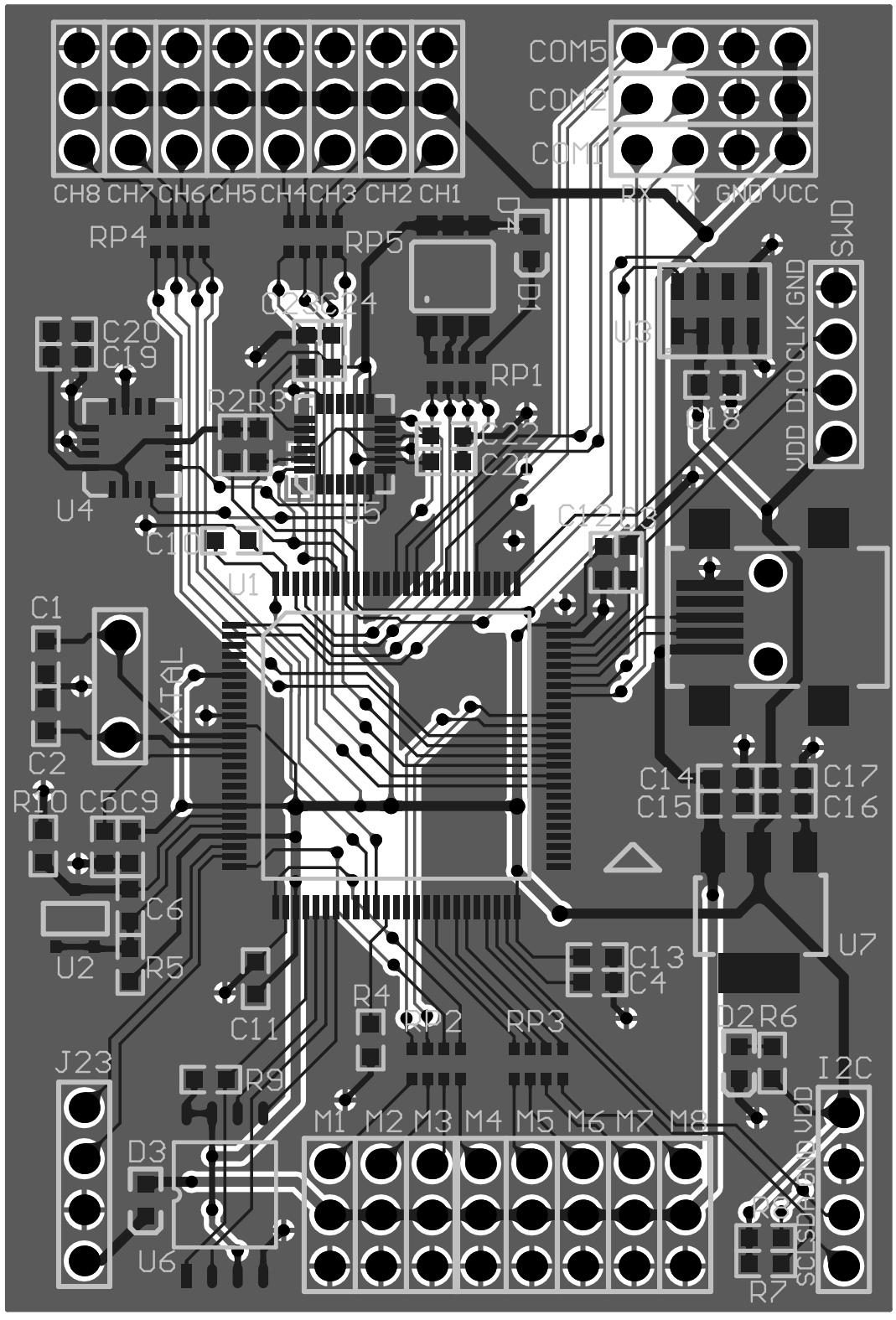

MCU
BORO
COMPASS
RGB
MENS
IN/OUT
POWER
USART
I2C
FLASH
ADC
USB
SWD
STM32F407VG
MS5611
AK8975
MPU6050
W25Q32
TL431A
Title
Size
A2
Number
Revision
Date: 2019/5/15
File: C:\Users\..\Sheet1.SchDoc
Sheet of
Drawn By:



COM5
COM2
COM1
CH8 CH7 CH6 CH5 CH4 CH3 CH2 CH1
RX TX GND VCC
SWD
RP4
RP5
D4
D1
C23 C24
C20
C19
U3
RP1
R2 R3
C22
C21
C18
VDD DIO CLK GND
U4
U5
C12 D3
C10
U1
C1
XTAL
C2
R10 C5 C9
C14
C15
C17
C16
C6
U2
R5
U7
C13
C4
C11
R4
RP2
RP3
D2 R6
J23
R9
I2C
M1 M2 M3 M4 M5 M6 M7 M8
VDD
D3
GND
R8
U6
SCL SDA
R7

Bill of Materials

<Parameter Title not found>

Source Data From: ANO_领航者验证板.PrjPcb

Project: ANO_领航者验证板.PrjPcb

Variant: None

Creation Date: 2019/5/15 21:15:58

Print Date: 43600 43600.8862

Footprint	Comment	LibRef	Designator	Description	Quantity
06_03	15pF	C	C1, C2		2
06_03	1uF	C	C3, C4		2
06_03	100nF	C	C5, C6, C9, C10, C11, C12, C13, C14, C16, C18, C19, C22, C24		13
06_03	10uF	C	C15, C17, C20		3
06_03	10nF	C	C21, C23		2
0603	LED	LED	D1, D2, D3		3
LED_5050	LED_RGB	LED_RGB	D4		1
DIP3	DIP3	DIP3	J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15, J16		16
DIP_4	Pin4	Pin4	J17, J18, J19, J20, J23		5
DIP_4	SWD	SWD	J21		1
MINI USB	mini_USB	mini_USB	J22		1
06_03	10K	R	R1, R2, R3, R4, R7, R8		6
06_03	100R	R	R5		1
06_03	490R	R	R6		1
06_03	4.7K	R	R9		1
06_03	0R	R	R10		1
8P4R	100R	8P4R	RP1		1
8P4R	1K	8P4R	RP2, RP3		2
8P4R	10K	8P4R	RP4, RP5		2
LQFP100	STM32F407VG	STM32F407VG	U1		1
SOT-23-3L	TL431A	TL431A	U2		1
MS5611	MS5611	MS5611	U3		1
QFN16	AK8975	AK8975	U4		1
QFN24	MPU6050	MUP6050	U5		1
SOIC-8	W25Q32	W25Q32	U6		1
SOT232	AMS1117	AMS1117	U7		1
XTAR1	8M	XTAR1	XTAL		1
					72

Approved	Notes	