

MCU

BORO

COMPASS

RGB

MENS

IN/OUT

POWER

USART

I2C

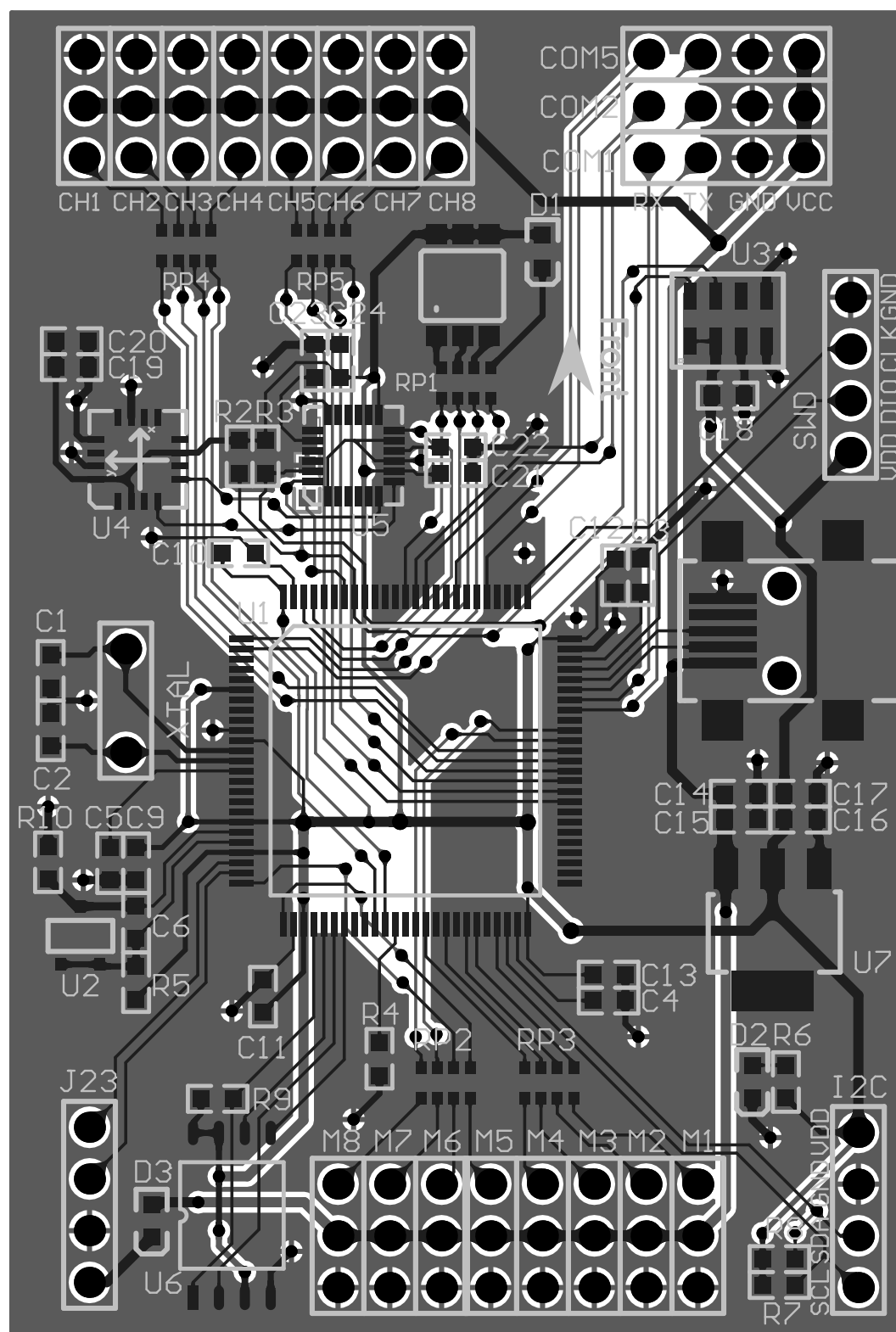
FLASH

ADC

USB

SWD

Title			
Size	Number	Revision	
A2			
Date:	2020/2/8	Sheet of	
File:	Eletronic_Sheet_SchDoc	Drawn By:	



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