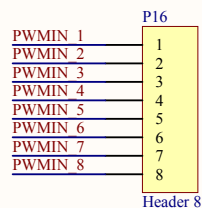
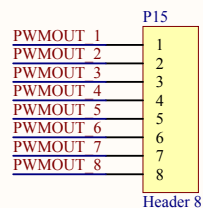
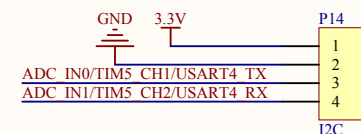
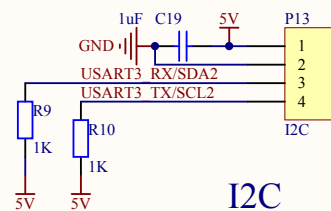
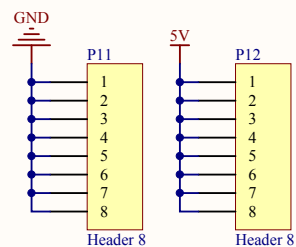
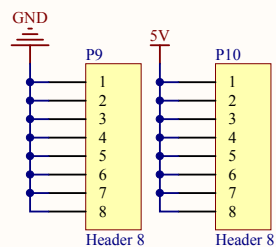
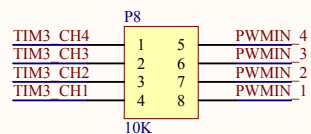
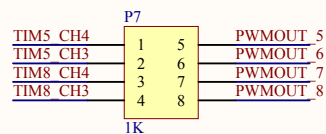
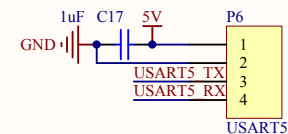
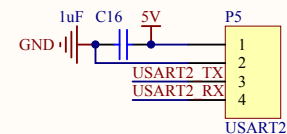
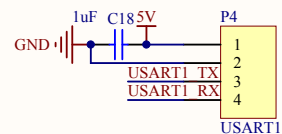
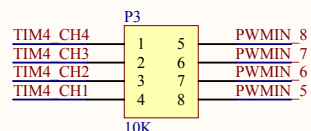
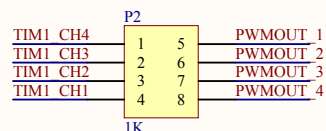


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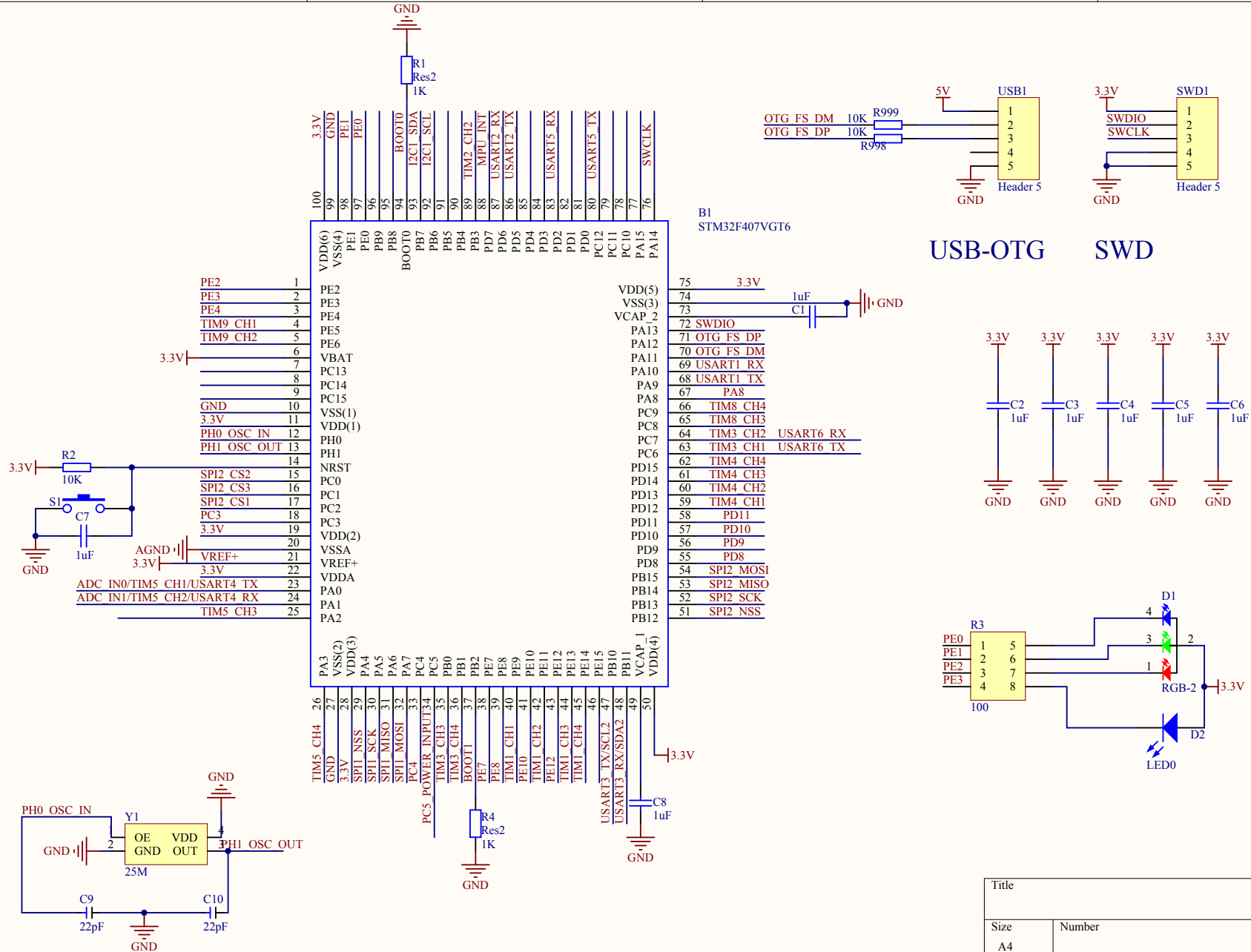
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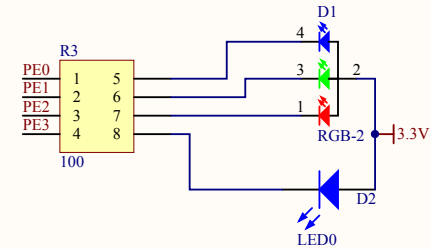
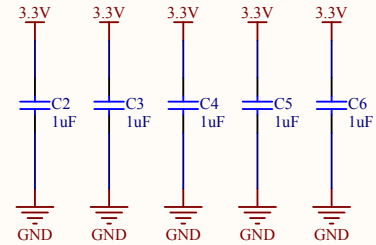
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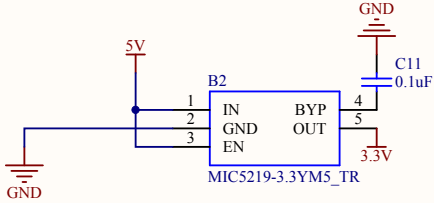
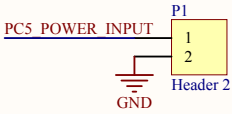


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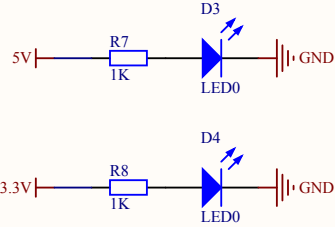
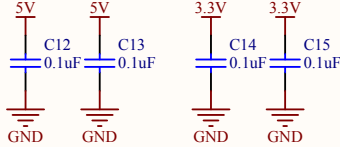
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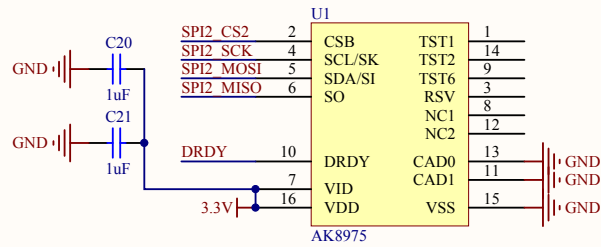
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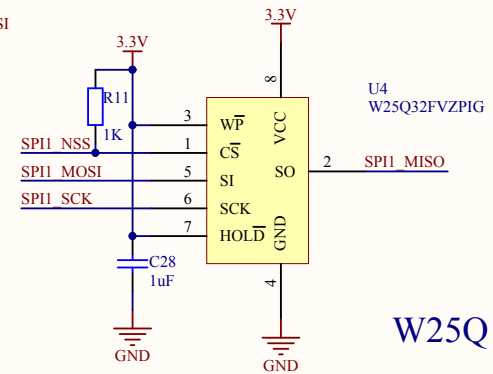
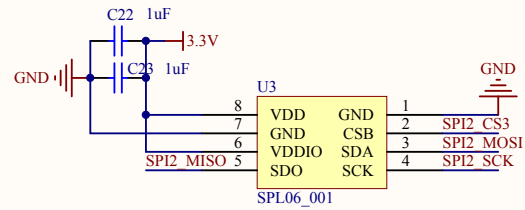
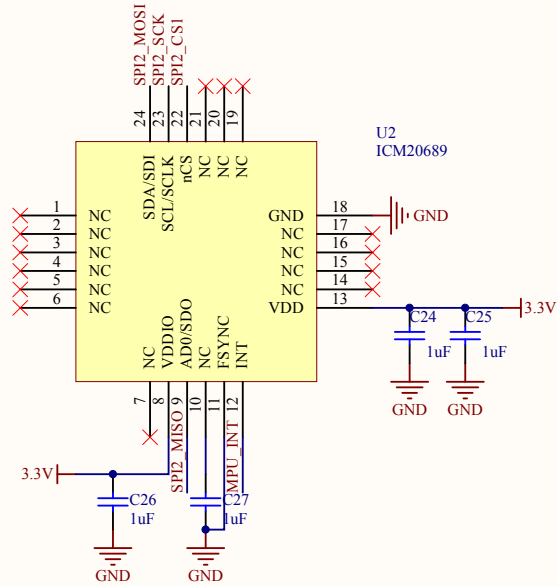
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AK8975



Title		
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UAV-Controller

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USB

SWD

RESET

RX4

SCL2

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TX2

RX2

TX5

RX5

TX1

RX1

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Comment	Description	Designator	Footprint	LibRef	Quantity
STM32F407VGT6	MCU 32-Bit, ARM Cortex M4, 1MB Flash STMicroelectronics STM32F407VGT6, 32bit ARM Cortex M4F Microcontroller, 168MHz, 1024 kB Flash, 100-Pin LQFP	B1	QFP50P1600X1600 X160-100N	STM32F407VGT6	1
MIC5219-3.3YM5_TR	LDO Regulator Pos 3.3V 0.5A MIC5219-3.3YM5 TR, Low Dropout Voltage Regulator, 0.5A, 3.3 V ???1%, 2.5 ??? 12 Vin, 5-Pin SOT-23	B2	SOT95P280X145-5N	MIC5219-3.3YM5_TR	1
Cap	Capacitor	C1, C2, C3, C4, C5, C6, C7, C8, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28	0603_C	Cap	26
22pF		C9, C10	0603_C	CAP	2
RGB-2		D1	RGB-2	RGB-2	1
LED0	Typical INFRARED GaAs LED	D2, D3, D4	0603_LED	LED0	3
Header 2	Header, 2-Pin	P1	HDR1X2	Header 2	1
1K排阻	Header, 4-Pin, Dual row	P2, P7	HDR_R_4	Header 4X2A	2
10K排阻	Header, 4-Pin, Dual row	P3, P8	HDR_R_4	Header 4X2A	2
USART1	Header, 4-Pin	P4	SMD-1.25	Header 4	1
USART2	Header, 4-Pin	P5	SMD-1.25	Header 4	1
USART5	Header, 4-Pin	P6	SMD-1.25	Header 4	1
Header 8	Header, 8-Pin	P9, P10, P11, P12, P15, P16	HDR1X8	Header 8	6
I2C	Header, 4-Pin	P13, P14	SMD-1.25	Header 4	2
Res2	Resistor	R1, R4, R7, R8, R9, R10, R11	0603_R	Res2	7
RES_10K		R2, R998, R999	0603_R	RES_10K	3
100排阻	Header, 4-Pin, Dual row	R3	HDR_R_4	Header 4X2A	1
SW-PB		S1	KEY_SMD	SW-PB	1
Header 5	Header, 5-Pin	SWD1, USB1	USB_M	Header 5	2
AK8975		U1	QFN_16	AK8975	1
ICM20689		U2	QFN_24	ICM20689	1
SPL06_001		U3		SPL06_001	1
W25Q32FVZPIG		U4	WDFN_8	W25Q32FVZPIG	1
XATLS	贴片有源晶振	Y1	XTAL_3225	XATLS	1