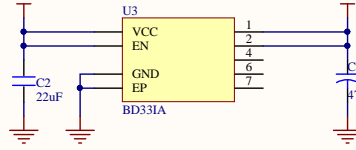
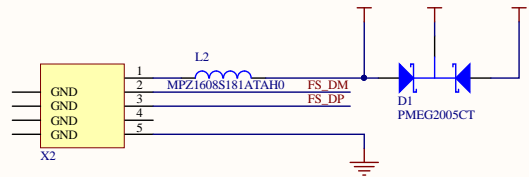
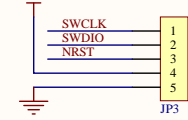
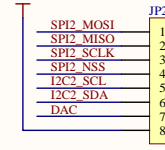
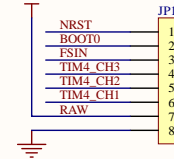


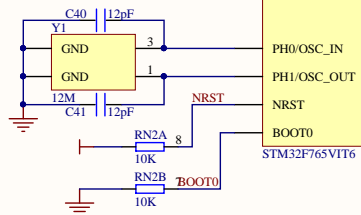
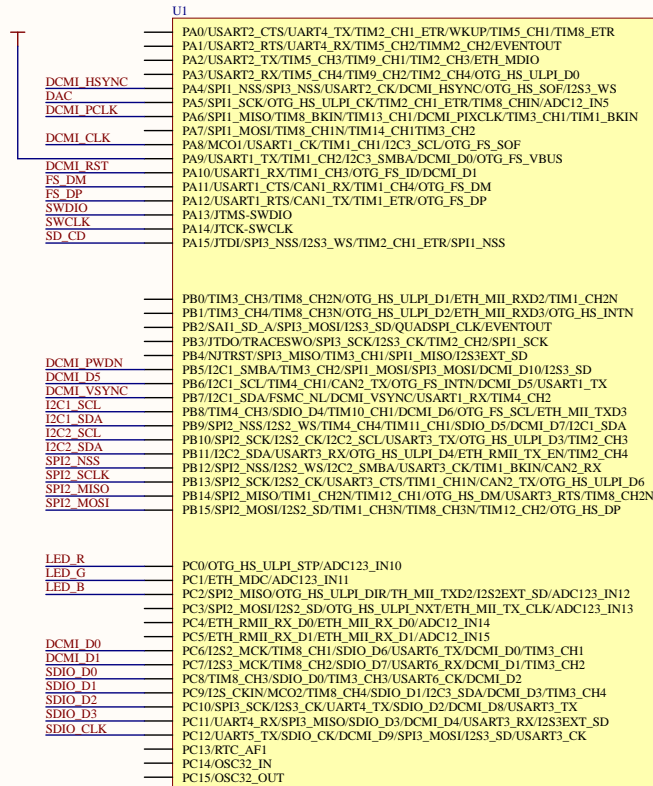
## USB & POWER SUPPLY



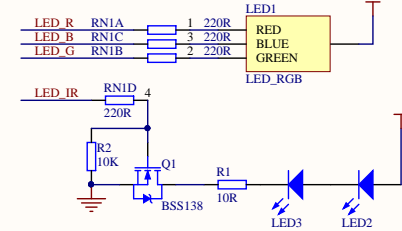
## I/O HEADERS



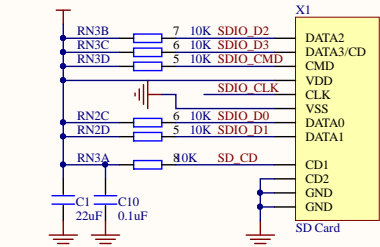
## STM32F7xx MCU



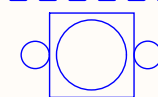
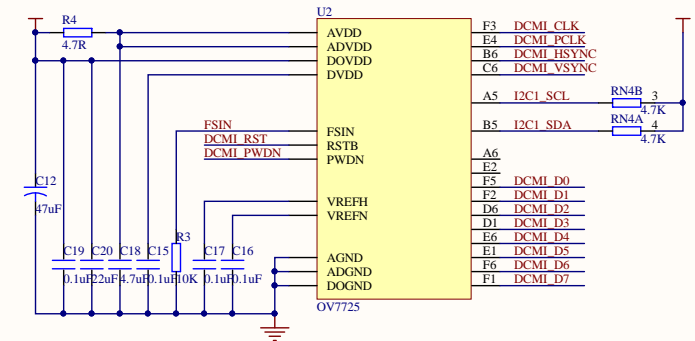
## IR-RGB LEDs



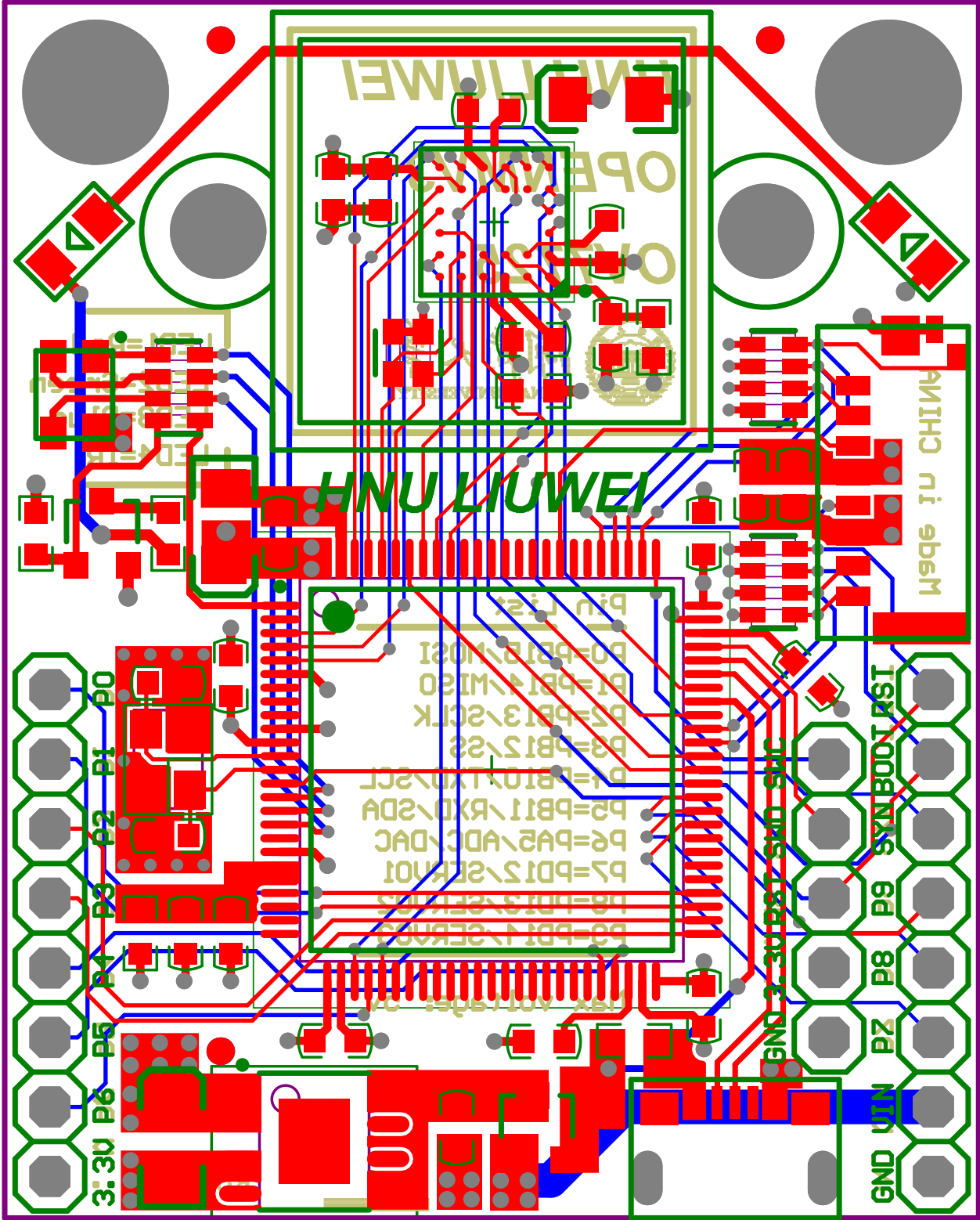
## SDCARD



## IMAGE SENSOR



Title		
Size	Number	Revision
A3		
Date:	2019/5/22	Sheet of
File:	C:\Users\...\OPENMV3.SchDoc	Drawn By:



Value	Comment	Designator	Footprint	LibRef	Quantity
12M	Crystal	Y1	XTAL-3225	无源晶振	1
	USB	X2	MicroUSB_5P_2h	USB	1
	SD Card	X1	SD_Slot	SD_Slot	1
	BD33IA	U3	SOIC8-HS	BD33IA	1
	OV7725	U2	BGA28C80P6X6_535X535X96	OV7725	1
	STM32F765VIT6	U1	LQFP100	STM32F765VIT6	1
4.7K	Res	RN4	R0603_x2	RES-Pack2	1
220R, 10K, 10K	Res	RN1, RN2, RN3	R0603_x4	RES-Pack4	3
10R, 10K, 10K, 4.7R	Resistor	R1, R2, R3, R4	R0603	R	4
	BSS138	Q1	sot-23	AO3402	1
	CameraLens	P0	CamLens_M12-2016	CameraLens	1
	LED	LED2, LED3	LED1206	LED	2
	LED_RGB	LED1	LED_RGB_3528	LED_RGB	1
MPZ1608S181A TAH0	Inductance	L1, L2	R0603	L	2
	HEADER1*5	JP3	HEADER1*5_oct	HEADER1*5	1
	HEADER1*8	JP1, JP2	HEADER1*8_oct	HEADER1*8	2
	PMEG2005CT	D1	SOT-23	D_Double	1
47uF	CAP	C3, C11, C12	CAP-A	CAP-B	3
22uF, 22uF, 0.1uF, 0.1uF, 0.1uF, 0.1uF, 0.1uF, 0.1uF, 0.1uF, 0.1uF, 0.1uF, 0.1uF, 0.1uF, 0.1uF, 0.1uF, 4.7uF, 0.1uF, 22uF, 12pF, 12pF, 2.2uF, 2.2uF	CAP	C1, C2, C4, C5, C6, C7, C8, C9, C10, C13, C15, C16, C17, C18, C19, C20, C40, C41, C48, C49	C0603	C	20