



Schematic	Schematic2			Create at	2026-06-06
Board	Board2			Update at	2026-06-07
Drawn				Page	P1
Reviewed				UrbanCaptor	
		Version	Size	Page 1 Total 1	
		V1.0	A4	EasyEDA.com	

No.	Quantity	Comment	Designator	Footprint	Value	Manufacturer Part	Manufacturer	Supplier Part	Supplier
1		1 XY-PH2.0-2A11	Alim	CONN-TH_2P-P2.00_PH-2A		XY-PH2.0-2A11	XYECONN(辛译)	C19271335	LCSC
2		3 PH2.0-4P	BME280,SCD1,SPS30(UA	CONN-TH_PH2.0-4P		PH2.0-4P	CAX(创都)	C722763	LCSC
3		2 10uF	C12,C18	C0805	10uF	CL21A106KAYNNNE	SAMSUNG(三星)	C15850	LCSC
4		5 100nF	C13,C14,C20,C21,C22	C0603	100nF	CC0603KRX7R9BB104	YAGEO(国巨)	C14663	LCSC
5		1 22uF	C15	C0805	22uF	CL21A226MAQNNNE	SAMSUNG(三星)	C45783	LCSC
6		1 22uF	C19	C0805	22uF	CL21A106KAYNNNE	SAMSUNG(三星)		LCSC
7		1 USBLC6-2SC6	D4	SOT-23-6_L2.9-W1.6-P0.95-LS2.8-BL		USBLC6-2SC6	TECH PUBLIC(台舟)	C2827654	LCSC
8		2 SS14	D5,D6	SMA_L4.3-W2.6-LS5.0-RD		SS14	YONGYUTAI(永裕泰)	C47147601	LCSC
9		1 PH-6A	E-InkDisplayModule	CONN-TH_4P-P2.00_PH-6A		PH-6A	BOOMELE(博穆精密)	C33478	LCSC
10		1 2.2uH	L2	IND-SMD_L5.0-W5.0_FNF2.2uH		FNR5012S2R2MT	cjiang(长江微电)	C167907	LCSC
11		1 LTST-B29JBGEW-NT	LED1	LED-SMD_4P-L1.6-W1.6		LTST-B29JBGEW-NT	LITEON(光宝)	C427438	LCSC
12		2 WF-PH2.0-5PZZ	MAX-M10S,SPH0645LM4	CONN-TH_WF-PH2.0-5PZZ		WF-PH2.0-5PZZ	HMTCONN(华明通)	C53121305	LCSC
13		2 100K	R7,R10	R0603	100K				
14		2 4.7K	R11,R12	R0603	4.7K				
15		2 5.1K	R13,R14	R0603	5.1K				
16		2 1K	R15,R16	R0603	1K				
17		1 2.4GHz	U2	WIRELM-SMD_ESP32-S3	2.4GHz	ESP32-S3-WROOM-1-N1(ESPRESSIF(乐鑫)	C2913202	LCSC
18		1 E22-900M22S	U5	WIRELM-SMD_E22-900M22S		E22-900M22S	EBYTE(亿佰特)	C411293	LCSC
19		1 KH-SMA-KWE11	U7	SMA-TH_KH-SMA-KWE11		KH-SMA-KWE11	kinghelm(金航标)	C7542051	LCSC
20		1 TPS62162DSGR	U8	WSON-8_L2.0-W2.0-P0.50-TL-EP		TPS62162DSGR	TI(德州仪器)	C40256	LCSC
21		1 TYPE-C-31-M-12	USBC2	USB-C_SMD-TYPE-C-31-M-12_1		TYPE-C-31-M-12	韩国韩荣	C165948	LCSC

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