

Comment 68nF	Description Capacitor	Designator C1	Footprint 0603-C	LibRef Cap	Quantity
Sap2	Capacitor Capacitor	C1 C2	CAP-A Size	Cap Cap2	
-up-	Capacitor, Capacitor,		CONTR SIZE		
22uF	Capacitor, Ceramic CAP 0805(2012), Capacitor, Capacitor	C3, C6, C7, C35, C39, C44	0603-C	Cap, Cap, Cap, CAP- 0805, Cap, Cap	
100nF	Capacitor, Capacitor, Caranic CAP Caranic CAP Caranic CAP Caranic CAP CAP GOOGLOSS, Ceranic CAP CAPOCITIONS, Ceranic CAP GOOGLOSS, Ceranic CAP CAP GOOGLOSS, Ceranic CAP GOOGLOS	C4, C5, C9, C12, C13, C14, C15, C16, C17, C18, C21, C22, C23, C24, C25, C26, C27, C24, C25, C36, C31, C32, C35, C36, C31, C41, C46, C47, C51, C52	0603-C	Cap. Cap. CaP-0402. CAP-0402. CAP-0402. CAP-0402. CAP-0402. CAP-0402. CAP-0402. CAP-0402. CAP-0402. CAP-0403. CAP-0603. CAP-0603. CAP-0603. CAP-0603. CAP-0603. CAP-0603. CAP-0603. CAP-0603. CAP-0603. CAP-0603. CAP-0603.	
1uF	CAP 0402(1005) Ceramic CAP 0402(1005)	C8, C11	0603-C	CAP-0402	
17uF/9V	Capacitor	C10	CAP-A Size	Cap2	
5pF	Ceramic CAP 0402(1005), Ceramic CAP 0402(1005),	C19, C20, C45	0603-C	CAP-0402, CAP-0402, Cap	
ЗрЕ	Capacitor Ceramic CAP 0603(1608)	C34, C43	0603-C	CAP-0603	
nF/2kV	Capacitor	C37, C49, C50	1206-C	CAP COOS	
l0nF	Capacitor	C38	0603-C	Cap	
OuF Cap	Capacitor Capacitor	C42 C48	0603-C 0603-C	Cap Cap	
ap BAT60A	Silicon Schottky Diode	D1, D2	SOD-323(1-C,2-A)	DIODE-BAT60A	
DV2640_FPC_24PIN	FPC-24PIN 0.5MM下接 翻盖	J1	OV5640_反接 (FPC 24PIN)	OV2640_FPC_24PIN	
MSDP-80-1012	Micro SD Card Socket	J2	7MSDP-80-1012	7MSDP-B0-1012	
YPE-C-31-M-12 U-45(不带变压器直立带		J3	USB-C_直立(12pin) RJ-45(单口立式180度带	TYPE-C-31-M-12	
T)		J4	kD)	RJ-45(13F-60LDNL)	
HH-1M1608-121JT	Inductor 0603(1608)	L1, L2, L3, L7, L8	0603-L	IND-0603	
1.3uH 0603 nductor	Inductor 0603(1608) Inductor	L4, L6 L5	0603-L Inductor SMD 3x3	IND-0603 Inductor	
GC9A01	GC9A01	LCD1	TFT_1.28_GC9A01_CB0.	GC9A01	
VS2812(2020)	Header, 2-Pin, Dual	LED1, LED2	WS2812B(2020)	Header 2X2	
VizFi360	row	M1	WIZFI360-PA	WizFi360	
leader 9	Header, 9-Pin	P1, P2, P3, P4, P5, P7, P9	HDR1X9	Header 9	
Header 4 8050	Header, 4-Pin	P6, P8 O1	HDR1X4 SOT-23-3	Header 4 NPN	
SUDU	NPN Bipolar Transistor 0603-R, 0603-R,	-	SOT-23-3	NPN RES-0402, RES-0402,	
OK	Resistor, RES0603, RES0603, 0603-R, Resistor	R1, R3, R15, R27, R28, R36, R37	0603-R	Res1, RES-0603, RES- 0603, RES-0402, Res1	
1.7K	RES0603	R2, R16, R35	0603-R	RES-0603	
Res1 P7R	Resistor 0603-R	R4, R6, R32, R33 R5, R7	0603-R 0603-R	Res1 RES-0402	
K	0603-R	R8	0603-R	RES-0402	
IR3	0603-R	R9	0603-R	RES-0402	
IK(NC)	0603-R Resistor	R10 R11	0603-R 0603-R	RES-0402 Res1	
IOOK NC	0603-R	R12	0603-R	RES-0402	
1.7K	RES-0402	R13	0603-C	RES-0402	
1K 1%	Resistor	R14	0603-R	Res1	
9.9R	RES0603 RES0603	R17, R18, R19, R20 R21, R22, R23, R24	0603-R 0603-R	RES-0603 RES-0603	
)R	RES0603	R25	0603-R	RES-0603	
M	RES0603	R26	0603-R	RES-0603	
12K/1% 800/1%	RES0603 RES0603	R29 R30	RES-0603 RES-0603	RES-0603 RES-0603	
Res	Resistor	R31, R34	0603-R	Res1	
60K1%	Resistor 0603-R	R38	0603-R 0603-R	Res1 RES-0402	
ERO	TACT Switch (SMD)	R39 SW1	0603-R BUTTON 3*4*2 SMT	RES-0402 ITS-1107(SMD)	
1Y3820E	18V 2A 500KHz Synchronous Step- Down Regulator	U1	SOT23-6	RY3820E	
RP2040	Raspverry Pi, Dual ARM Cortex-M0+ @ 133MHz 3V 16M-BIT	U2	QFN56(0.4/7X7)	RP2040	
W25Q128	SERIAL FLASH MEMORY WITH DUAL/QUAD SPI, QPI &	U3	WSON8(6X5_1.27)	W25Q16JVZPIM	
	DTR SPI, QPI &				
		U4	11FB-05NL	11FB-05NL	
	WIZnet Hardwired	lue.	TAUTAUTT TAUTT COOK OF		
8-TRC1188 N5100S	WIZnet Hardwired TCP/IP Chip	U5	WIZNET W5100S QFN	W5100S VC6206D282MP_G	
W5100S C6206P282MR-G	TCP/IP Chip	U5 U6 U7	WIZNET W5100S QFN SOT23 SOT23	W5100S XC6206P282MR-G XC6206P122MR-G	
	WIZnet Hardwired TCP/IP Chip X-tal 12MHz,3.2x2.5 SMD, CL=20pF	U6	SOT23	XC6206P282MR-G	