Comment	Description	Designator	Footprint	Quantity	Value
0R	RES|0603|0R|5%|1/10W	R75, R79, R80, R81, R82, R83, R84, R89, R91, R97, R100, R142, R144, R173, R174, R183, R185, R235	R0603	18	0R
68K 1%	RES|0603|68K|1%|1/10W	R4, R5, R18, R19, R32	R0603	5	68K 1%
0R NC	RES|0603|0R|5%|1/10W	R143, R146, R147, R149, R150, R153, R160, R163	R0603	8	0R NC
0.01uF	CAP|0603|0.01uF|10%|50V|X7R	C19, C20, C96, C98, C108, C111, C113, C121	C0603	8	0.01uF
0.1uF	CAP|0603|0.1uF|10%|25V|X7R	C8, C11, C15, C18, C24, C27, C31, C34, C35, C36, C40, C44, C45, C47, C48, C49, C52, C55, C56, C57, C58, C59, C60, C61, C62, C69, C70, C71, C72, C78, C79, C82, C85, C87, C88, C89, C90, C91, C92, C93, C94, C101, C103, C106, C107, C109, C110, C112, C114, C118, C120, C122, C125, C126, C127, C128, C129, C130, C131, C132, C138, C148, C149, C151, C153, C157,C158	C0603	67	0.1uF
0.1uF/100V	CAP|1206|0.1uF|10%|100V|X7R	C1, C154, C155, C156	C1206	4	0.1uF/100V
0.1uF NC	CAP|0603|0.1uF|10%|25V|X7R	C136, C146	C0603	2	0.1uF NC
1K	RES|0603|1K|5%|1/10W	R89, R90, R92, R105, R106, R116, R121, R137, R139	R0603	9	1K
1K_1%	RES|0603|1K|1%|1/10W	R14, R15, R28, R29, R37, R43, R44, R48, R51, R53, R54, R56, R58, R61, R64, R66, R68, R86, R229	R0603	19	1K_1%
1M	RES|0603|1M|5%|1/10W	R74	R0603	1	1M
1N4002	SDiode|1N4002|100V|1A|DO-214AC	D11	D0-214AC	1	1N4002
1N4148W	SDiode|1N4148W|100V/300mA/400mW|SOD-123	D2, D3, D4, D5, D6, D7, D14, D21, D28, D48	SOD-123	10	1N4148W
1uF	CAP|0603|1uF|10%|16V|X7R, CAP|0603|1uF|10%|25V|X5R	C9, C12, C25, C28, C41, C85, C97, C135, C139, C142, C144, C152	C0603	12	1uF
2K 1%	RES|0603|2K|1%|1/10W	R7	R0603	1	2K 1%
2.2nF	CAP|0603|2200pF|10%|50V|X7R	C119	C0603	1	2.2nF
2.7K 1%	RES|0603|2.7K|1%|1/10W	R187, R191	R0603	2	2.7K 1%
2.2K 1%	RES|0603|2.2K|1%|1/10W	R220, R233	R0603	2	2.2K 1%
3.9K	RES|0603|4K|5%|1/10W	R97	R0603	1	3.9K
4.7K	RES|0603|4.7K|5%|1/10W	R39, R40, R41, R42, R55, R65, R76, R77, R78, R85, R95, R99, R100, R107, R109, R115, R120, R127, R154, R155, R156, R168, R182, R190, R232, R234	R0603	26	4.7K
4.7K 1%	RES|0603|4.7K|1%|1/10W	R103	R0603	1	4.7K 1%
4.7K NC	RES|0603|4.7K|5%|1/10W	R93, R94, R96, R98	R0603	4	4.7K NC
4.7nF	CAP|0603|4.7nF|10%|16V|X5R	C86	C0603	1	4.7nF
4.7uH	IND|0630|4.7uH|20%|6A|一体成型	L1, L2	SPM6_5X6_5X3	2	4.7uH
5.6nF	CAP|0603|5.6nF|-5.0,25nF|50V|NP0	C100, C102	C0603	2	5.6nF
6.8uH	IND|0630|6.8uH|20%|5A|一体成型	L3, L4, L5	SPM6_5X6_5X3	3	6.8uH
7.68K 1%	RES|0603|7.68K|1%|1/10W	R30, R31, R38	R0603	3	7.68K 1%
8M	XTAL|8MHz|20PF|X20P20|7A08000001|5032||TXC|	Y2	CRY-2P-5032	1	8M
10K	RES|0603|10K|5%|1/10W	R72, R101, R102, R108, R112, R117, R118, R128, R157, R158, R159, R170, R172, R175, R179	R0603	15	10K
10K-3323p-10%	RV|3323P|10K|10%|1/2W	R113, R119, R123	3323P旋调精密调电位器	3	10K-3323p-10%
10K/1206/1%	RES|1206|10K|1%|1/4W	R3, R226, R227, R228	R1206	4	10K/1206/1%
10K_1%	RES|0603|10K|1%|1/10W	R9, R8, R10, R22, R24, R34, R73, R88, R176, R229	R0603	10	10K_1%
10nF_0805_16V	CAP|0805|10nF|10%|16V|X5R	C13, C14, C16, C17, C29, C30, C32, C33, C42, C43, C99, C124, C134, C137, C145	C0805	15	10nF_0805_16V
10nF_0805_25V	CAP|0805|10nF|10%|25V|X5R	C50, C51, C53, C54, C76, C77, C147, C150	C0805	8	10nF_0805_25V
10uH	IND|0630|10uH|20%|4.5A|一体成型	L6	SPM6_5X6_5X3	1	10uH
12nF	CAP|0603|12nF|5%|50V|NP0	C101, C81	C0603	2	12nF
13K 1%	RES|0603|13K|1%|1/10W	R16, R17	R0603	2	13K 1%
15R	RES|0603|15R|5%|1/10W	R166, R169, R171, R180, R184, R188, R192, R194, R195, R197, R198, R200, R201, R203, R204, R206, R207, R209, R210, R212, R213, R215, R216, R218	R0603	24	15R
20K_1%	RES|0603|20K|1%|1/10W	R45, R46, R49, R52, R55, R57, R62, R65, R67, R162, R165	R0603	11	20K_1%
20mR_2512_1%	RES|2512|20mR|1%|2W|合金电阻|	R47, R50, R63	R2512	3	20mR_2512_1%
20pF	CAP|0603|20pF|5%|50V|NP0	C83, C84	C0603	2	20pF
20R NC	RES|0603|20R|5%|1/10W	R181, R189	R0603	2	20R NC
22R	RES|0603|22R|5%|1/10W	R70, R71	R0603	2	22R
22uF_1206_16V	CAP|1206|22uF|10%|16V|X7R	C3, C7, C10, C23, C26, C39, C104, C105	C1206	8	22uF_1206_16V
30K 1%	RES|0603|30K|1%|1/10W	R177	R0603	1	30K 1%
32.768KHz	XTAL|32.768KHz|12.5PF|DT-38	Y1	DT-38	1	32.768KHz
33K 1%	RES|0603|33K|1%|1/10W	R26, R27, R36	R0603	3	33K 1%
33nF	CAP|0603|33nF|5%|50V|NP0	C142	C0603	1	33nF
36R	RES|1206|36R|5%|1/4W	R110, R111, R122	R1206	3	36R
40.2K_1%	RES|0603|40.2K|1%|1/10W	R9, R11, R23, R25, R35	R0603	5	40.2K_1%
47K 1%	RES|0603|47K|1%|1/10W	R104	R0603	1	47K 1%
47nF	CAP|0603|47nF|5%|50V|NP0	C21, C22, C37, C38, C46	C0603	5	47nF
47uF/25V	SCAP|47uF|M|25V|D6*11|105度|LESR	C2	SCAP-D5X11	1	47uF/25V
51K 1%	RES|0603|51K|1%|1/10W	R12, R13	R0603	2	51K 1%
56R	RES|0603|56R|5%|1/10W	R167, R179, R186, R193, R196, R199, R202, R205, R208, R211, R214, R217	R0603	12	56R
681.6K_1%	RES|0603|681.6K|1%|1/10W	R161, R164	R0603	2	681.6K_1%
100K	RES|0603|100K|5%|1/10W	R231	R0603	1	100K
100K_1%	RES|0603|100K|1%|1/10W	R6, R7, R20, R21, R31	R0603	5	100K_1%
100pF	CAP|0603|100pF|5%|50V|NP0	C63, C64, C65, C66, C67, C68, C73, C74, C75, C141	C0603	10	100pF
220nF	CAP|0603|220nF|10%|50V|X7R	C123	C0603	1	220nF
390nF	CAP|0603|390nF|10%|50V|X7R	C133, C140	C0603	2	390nF
470nF	CAP|0603|470nF|10%|25V|X7R	C4, C5, C6	C0603	3	470nF
47OR	RES|0603|47OR|5%|1/10W	R114, R126, R141	R0603	3	47OR
12295	指导灯LR/RB	CR1	CRT220_A	1	锂导电池座
3904	Triode|MMBT3904|NPN|SOT-23	Q2, Q3, Q4, Q5	SOT-23-3	4	3904
AN20351	sensor|2.4G跑步无线|AN20351	U13	AN20351	1	AN20351
AZ1117H-3.3V	IC|LDO|AZ1117H-3.3TR|1.1<13V|3.3V|1A|SOT223	U11, U22	SOT-223	2	AZ1117H-3.3V
BL8032	IC|DC-DC|BL8032|Buck|500KHz|4.5V-18V|2A|SOT23-6	U1, U2, U3, U4	SOT23-6	4	BL8032
BL8033	IC|DC-DC|BL8033|Buck|500KHz|4.5V-16V|3A|SOT23-6	U5	SOT23-6	1	BL8033
Buzzer	sensor|有源蜂鸣器|5V|9*5	LS1	Buzzer-9*5	1	Buzzer
DIP Switch-2P	SW|拨码开关|P2.54mm|2P|立贴	SW5	DIP Switch-2P-2.54-2P	1	DIP Switch-2P
GM16050P-06DB	GM16050P-06DB|全指向钮模体|吸头|\ 6.0X3H|6.0mm	MIC1	MIC-6*5	1	GM16050P-06DB
Header1x8	排母|1*8pin|2.54mm|DIP|立式	J13	Header-P2.54-1X8-Y-D1P	1	Header1x8
Header1X3	排针|1*5pin|2.54mm|DIP|立式	J16, J17, J18	Header-P2.54-1X3-Y-D1P	3	Header1X3
Header1X4	排针|1*5pin|2.54mm|DIP|立式	J10, J11, J12	Header-P2.54-1X4-Y-D1P	3	Header1X4
Header1X5	排针|1*5pin|2.54mm|DIP|立式	J2, J3, J7, J8	Header-P2.54-1X5-Y-D1P	4	Header1X5
HK32F10JVET6	IC|核心MCU|HK32F10JVET6|LQFP100	U12	LQFP100_M	1	HK32F10JVET6
HSU4103	MOSFET|HSU4103|增强型|内置|TO-252-2|40V/27A|N沟	Q1	TO-252-2	1	HSU4103
IR3B3-A	EMLED|红外发射管|05mm|IR3B3-A/TR2|亿光|	D16, D17, D20	LED-D1P2.54	3	IR3B3-A
IS31FL3236A	IC|LED Driver-36|IS31FL3236A|2.7V~5.5V|QFN44	U23	QFN44-5X5X0.85-0.65	1	IS31FL3236A
LI3320A	IC|语音识别芯片|LI3320A|QFN-48	U20	QFN48-0.5-7X7X0.7T	1	LI3320A
LED-G-0603	LED|0603|绿色	D8, D9, D10, D11, D12, D18, D35	LED0603	7	LED-G-0603
LED-RGB-5050	LED-RGB|5050|红绿蓝三色|0.2W|SMD	D36, D37, D38, D39, D40, D41, D42, D43, D44, D45, D46, D47	LED-5050-6P	12	LED-RGB-5050
LM393	IC|电压比较器|LM393|SOP-8	U15, U16, U17	SOP8_CAN	3	LM393
LM4871	IC|音频功率放大器-单端|LM4871|SOP-8	U19, U21	SOP8_M	2	LM4871
LMV358	IC|运算放大器|LMV358|SOIC-8	U8, U9, U10	SOIC8-50-150	3	LMV358
MPU-6050	IC|IMU|MPU-6050|QFN24	U18	QFN24-0.5-4X4X1T	1	MPU-6050
NTC_10K_1%	Thermistor|10K@3450|NTC|0603||NTCG163JF103FT1|	NTC1	R0603	1	NTC_10K_1%
OLED_CONNECT	CONNECT|0.96OLED|head2.54	J9	OLED-0.96	1	OLED_CONNECT
PD333-3B	IRLED|红外接收管|05mm|PD333-3B/B9/L2|亿光|	D13, D15, D19	LED-D1P2.54	3	PD333-3B
PH2.0-2P-H-SMT	排插座|1*2pin|P2.0mm|SMT|卧式||P02.0|	J14, J15	CON-2P-P2.0-H	2	PH2.0-2P-H-SMT
RTL8723DU	MODULE|单天线IFI一体|RTL8723DU	U14	RTL8723DU	1	RTL8723DU
SMBJ12CA	TVS|SMBJ12CA|12V/19.9V/600W|DO-214AA|BI|	D1	D0-214AA	1	SMBJ12CA
SS12	SDiode|SS12|40V/1A|单管|DO-214AC	D49, D50	D0-214AC	2	SS12
TB6612FNG	IC|直流有刷电机驱动双路	U6, U7	SSOP24-P-300	2	TB6612FNG
TS-03G3A3.3-4P-DIP	5W|轻触开关|6*6*4.3|4P|立式插件|行程0.25mm	SW1, SW2, SW3, SW4	TS-6*6*4.3-4P-DIP	4	TS-03G3A3.3-4P-DIP
W25Q256SFV	IC|外置flash|W25Q256SFV|256M|WSON8	IC1	WSON8-8x6	1	W25Q256SFV
WJ500V-5.08-2P	排插座|1*2pin|P5.08mm|DIP|卧式||2EDG|	J1	WJ500V-5.08_2P	1	WJ500V-5.08-2P
XH2.54-6P	排插座|1*6pin|P2.54mm|DIP|立式||XH2.54|	J4, J5, J6	CON-6P-XH2.54-DIP-Y	3	XH2.54-6P
XH1220微电池	XH1220微电池			1	
OLED屏幕	OLED屏幕_0.96寸			1	