Comment	Description	Designator	Footprint	LibRef	Quantity
3V	Multicell Battery	BT1	CR1220	Battery	1
104	Capacitor	C1, C3, C5, C6, C7, C8, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C30, C31, C32, C33, C34, C35, C37	Cap_0603	Cap	29
4.7uF/25V	Polarized Capacitor (Radial)	C2, C4	AECAP-D5	Cap Pol1	2
22pF	Capacitor	C9, C10	CAP_0603	Cap	2
18pF	Capacitor	C27, C29	Cap_0603	Cap	2
10uf	Capacitor	C36	Cap_0603	Cap	1
LED	Typical INFRARED GaAs	D1, D2, D4, D5	触控 LED	LED0	4
LED	Typical INFRARED GaAs	D3, R, T	LED_0603	LED0	3
BAT54C-V		D6	SOT23	BAT54C-V	1
JTAG	Header, 10-Pin, Dual row	JTAG	JTAG2	Header 10X2	1
电感	Inductor	L1, L2	电感_0603	Inductor	2
Buzzer	Magnetic Transducer	LS1	HYE1206-03	Buzzer	1
Header 11X2	Header, 11-Pin, Dual row	P1	H11*2_DIP	Header 11X2	1
Header 7X2	Header, 7-Pin, Dual row	P2, P5	H7*2_DIP	Header 7X2	2
H32*2		P3	H32*2_DIP	H32*2	1
Header 3	Header, 3-Pin	P4	AD_H3	Header 3	1
	Header, 2-Pin	P6, P7	KF301-2P	Header 2	2
Header 7X2	Header, 7-Pin, Dual row	P9	NET2X7	Header 7X2	1
Header 9X2	Header, 9-Pin, Dual row	P10	OV7620	Header 9X2	1
Header 6X2	Header, 6-Pin, Dual row	P11	DIP_H6*2	Header 6X2	1
S8050		Q1, Q2	SOT23	S8050	2
1K	Resistor	R2, R3, R4, R11, R13, R22, R23, R27, R29	Res_0603	Res1	9
10K	Resistor	R5, R14, R20, R26, R31, R33, R35, R37, R38	Res_0603	Res1	9
33R	Resistor	R6, R7, R10	Res_0603	Res1	3
3.3K	Resistor	R8, R9, R12, R15, R16, R17	Res_0603	Res1	6
100	Resistor	R18	Res_0603	Res1	1
4.7K	Resistor	R19, R24, R32, R34, R40, R41	Res_0603	Res1	6
120	Resistor	R21, R25	Res_0603	Res1	2
330	Resistor	R28	Res_0603	Res1	1
1M	Resistor	R30	Res_0603	Res1	1
10K-S	Potentiometer	R36	3362P	RPot	1
33	Resistor	R39	Res_0603	Res1	1
	Switch	S1, S2, S3, S4	按键 6*6	SW-PB	4
TOUCH		T1, T2, T3, T4	TOUCH	TOUCH	4
CH340G		U1	SOIC-16	CH340G	1
AMS1117		U2	AMS1117	AMS1117	1
LM258D	Dual Operational Amplifier	U3	LM258	LM258D	1
K60_144Pin		U4	K60_144Pin	K60_144Pin	1
TJA1050		U5	SOIC-8	SN65HVD230	1
LCD_TFT		U6	H15*2	LCD_TFT	1
SP3485	Low-Power, Slew-Rate-Limited RS-485/RS-422 Transceiver	U7	SP485	MAX485CSA	1
W25Q16BV-16M-BIT		U8	SOIC8_W	W25X10B	1
NRF24L01		U9	NRF	NRF24L01	1
IS61WV25616BX		U10	IS62WV51216BL	IS61WV25616BX	1
TF_CARD		U11	TF_CARD	TF_CARD	1
VS1838	Header, 3-Pin	U12	VS1838	Header 3	1
AT24C02		U13	SOIC-8	AT24C02	1
adx345		U14	ADXL345	adx345	1
MINIUSB		UART1, USB1	USB_MNI_B	MINIUSB	2
12M	Crystal Oscillator	Y1	XTAL	XTAL	1
32.768KHz	Crystal Oscillator	Y2	XTAL6X2	XTAL	1
50MHz		Y3	OSC_5*7	ACTIVE_CRYSTAL	1