

## AIRV-R3-BOM

Designator	Description	Comment	Quantity	Footprint
A1		WIFI天线	1	AN3216
C1, C3, C4, C5, C6, C26, C28, C37, C39, C43, C44, C45, C46, C2, C65	普通小电容	0.1uF	15	C0402
C7, C38	普通小电容	47uF	2	0805C
C10, C13, C14, C25, C27, C36, C40, C47, C49	普通小电容	1uF	2	C0402
C41	普通小电容	10uF	9	C0402
C42	射频电容	2.4pF	1	C0402
C50, C51	射频电容	6.8pF	1	C0402
C53	普通小电容	10pF	2	C0402
D1	普通小电容	22uF	1	C0603
D2	普通二极管	LED2812-2020	1	WS2812LED-2020
DS1, DS2	LED_IR	MSK4010	1	SOD523
DS4	LED_IR	LED_IR	2	LED-3535
DS3, DS5	绿色	LED	1	LED0603
J1	蓝色	LED	2	LED0603
J3		TF	1	TFCARD473092651
L1, L5	普通电感	USB-TypeC-16P	1	usb-typec-16p
L4	高频电感	2.2uH	2	VLS2016
P2	6Pin 上接触	1.5nH	1	L0402
U2	Header, 24-Pin	1.14TFT_T	1	1.14TFT-ST7789-SMT
P4	JLT24100B	OV5640	2	FFC/SM0.5-1H24-OV2640
R1, R2, R3	JLT24100B	JLT24100B		FFC/SM0.5-1H24-LCD
R4, R7, R19, R20, R23, R27, R28, R29, R30, R32, R35, R37, R41	普通电阻	100R	3	R0402
R5, R9, R10, R11, R12, R13, R16	普通电阻	10K	13	R0402
R6, R17	普通电阻	5.1K	7	R0402
R8	普通电阻	2.2K	2	R0402
R14, R18, R24, R33, R38	普通电阻	5.1R	1	R0603
R15	普通电阻	NC	5	R0402
R21, R36	普通电阻	12K 1%	1	R0402
R22, R31	普通电阻	1K	2	R0402
R25, R26, R39	普通电阻	0R	2	R0402
R34	普通电阻	2K	3	R0402
R40	普通电阻	100K	1	R0402
S1, S2, S3, S4	普通电阻	2K2	1	R0402
T1, T2, T3, T4, T5		SW-BUTTON	4	MINIBUTTON
U1	连接器	SI2302	5	SOT23
U3		BITK210	1	NGFF_M_2-AKEY-K210
U4		SY8008	1	SOT23-5
U5		MSM261S4030H0	1	MSM_I2S_MIC_8PIN
U6		XC6206-1.2	1	SOT23
U7	ESP8285 IOT SOC	ESP8285H16	1	QFN32
U8		CP2105-F01-GM	1	QFN24
U9		XC6206-2.8	1	SOT23
U10		ETA6093	1	SOT23-5
U11		XC6206-2.5	1	SOT23
X2		NS4168	1	SOP8-T
		XTAL2520-26M	1	XTAL2520

[illegible]