

ID	Name	Designator	Footprint	Quantity	Manufacturer Part	Supplier Part	Category
1	Mic in	AUDIO1	AUDIO-SMD_PJ-313D-B-SMT	1	PJ-313D-B-SMT	C725771	Audio Jack
2		102 C1,C4	C1206	2			Capacitor
3		103 C2,C23	C1206	2			Capacitor
4		104 C3,C6,C22	C1206	3			Capacitor
5	10u	C5,C7,C8,C9,C11,C12,C13,C18,C24,C25	CASE-A_3216	10			Capacitor
6	1u	C10	C1206	1			Capacitor
7	47nF	C14,C17	C1206	2			Capacitor
8	220uF	C15,C16	CAP-SMD_BD6.3-L6.6-W6.6-LS7.3-FD-H7.7	2	RST25V220M6X8	C48971016	Capacitor
9	100uF	C19,C20,C21,C60	CAP-D6.3xH5.5	4			Capacitor
10	SDA-SCL	H1	HDR-F-2.54_1X2	1		C49661	Connector
11	13.8V	J1	HDR-M-2.54_1X2	1		C124375	Connector
12	PTT IN	J2	HDR-M-2.54_1X2	1		C124375	Connector
13	TXO	J3	HDR-M-2.54_1X2	1		C124375	Connector
14	I&Q-IN	J5	HDR-M-2.54_1X3	1		C180248	Connector
15	I&Q-OUT	J6	HDR-M-2.54_1X3	1		C180248	Connector
16	Speaker	J7,J10	HDR-M-2.54_1X2	2		C124375	Connector
17	HP	J8	HDR-M-2.54_1X3	1		C180248	Connector
18	Volume	J9,J11	HDR-M-2.54_1X3	2		C180248	Connector
19	FW-RF	J12	HDR-M-2.54_1X2	1		C124375	Connector
20	10uH	L3	L1210	1	NLV32T-100J-PF	C76835	Inductor
21	10k	R1,R7,R8,R9,R10,R11,R15,R16,R17,R18,R20,R21,R22	R1206	13			Resistor
22	33E	R2,R3,R5,R6	R1206	4			Resistor
23	10E	R4,R22	R1206	2			Resistor
24		330 R12	R1206	1			Resistor
25		680 R13	R1206	1			Resistor
26	47k	R14	R1206	1			Resistor
27	0E	R19	R1206	1			Resistor
28	50k	R23	R1206	1			Resistor
29	1k	R25	R1206	1			Resistor
30	MLCK	RF1	RF-SMD_U.FL-R-SMT-1-80	1	U.FL-R-SMT-1(01)	C598199	Resistor
31	VFO	ROT1	SW-TH_PEC11R-4XXXF-SXXXX	1	PEC11R-4015F-S0024	C143789	Resistor
32	S1	SW1,SW2,SW3,SW4,SW5,SW6,SW7,SW8	KEY-SMD_4P-L6.2-W6.2-P4.50-LS9.2-1	8	6*6*12SMD Tactile Switch	C66637	Switch
33	ESP32-S3-N16R8	U1	ESP32-S3-N16R8	1			Integrated Circuit
34	LM386M	U2,U5	SOIC-8_L5.0-W4.0-P1.27-LS6.0-BL	2	LM386M-GK	C53086332	Integrated Circuit
35	ILI9341 3.2" SPI Displa	U3	ILI9341 3.2" SPI TFT JOE	1			Integrated Circuit
36	WM8731	U4	SSOP-28_L10.2-W5.3-P0.65-LS7.8-BL	1	WM8731SEDS/RV	C41511	Integrated Circuit
37	LM78M09	U7	TO-252-2_L6.6-W6.1-P4.60-LS10.0-BR-CW	1	LM78M09ACDT/TR	C7432354	Integrated Circuit
38	LM78M05	U8	TO-252-2_L6.6-W6.1-P4.60-LS10.0-BR-CW	1	LM78M05ACDT/TR	C7432354	Integrated Circuit
39	3.3V	U10	SOT-223-4_L6.5-W3.5-P2.30-LS7.0-BL	1	AMS1117-3.3S	C2842296	Integrated Circuit