

SSB Bitx Multiband V1.1.A - BOM (Bill of materials) / Daftar Komponen

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ID	NameValue	Designator	Quantity	Note
1	104	C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C16,C17,C18,C19,C20,C21,C22,C23,C24,C25,C26,C27,C28,C29,C30,C33,C38,C45,C51,C53,C54,C55,C56,C60,C61,C62,C63,C76,C77,C78,C79,C80,C81,C83,C85,C86	48	Multilayer Capacitor
2	100/68pF	C13,C15	2	Ceramic Capacitor
3	220/ 82pF	C14	1	Ceramic Capacitor
4	10uF	C31,C32,C34,C41,C44,C48	6	ELCO
5	1uF	C35,C37,C42,C49,C50	5	ELCO
6	10pF	C36	1	Ceramic Capacitor
7	101	C39	1	Multilayer Capacitor
8	470uF	C40,C47,C52	3	ELCO
9	102	C43	1	Multilayer Capacitor
10	100uF	C46,C82,C84,C87	4	ELCO
11	120pF	C57	1	Ceramic Capacitor
12	270pF	C58,C59	2	Ceramic Capacitor
13	180pF	C64	1	Ceramic Capacitor
14	390pF	C65,C66,C67	3	Ceramic Capacitor
15	820pF	C68,C69	2	Ceramic Capacitor
16	680pF	C70	1	Ceramic Capacitor
17	1500pF	C71,C72	2	Ceramic Capacitor
18	1200pF	C73	1	Ceramic Capacitor
19	2700pF	C74,C75	2	Ceramic Capacitor
20	104	C88	1	Multilayer Capacitor
21	1N4148	D1,D2,D3,D4,D5,D6,D7,D8,D9,D10,D11,D12,D13,D14,D15,D16,D18,D19,D20,D21,D22,D23,D24,D25,D26,D27,D28,D29,D30,D31	30	
22	1N4007	D17	1	
23	DC 12V	DC1	1	DC 12-13,8V
24	VFO BFO	J1	1	CONNECTOR
25	S-METER	J2	1	CONNECTOR
26	Volume	J3	1	POT 50K
27	DC80c	J4	1	CONNECTOR
28	LPF1	J5	1	CONNECTOR
29	AUX 5V	J6	1	CONNECTOR
30	I2C	J7	1	CONNECTOR
31	Func	J8	1	CONNECTOR
32	Band Switch	J9	1	CONNECTOR

33	SPK	JP1	1	CONNECTOR
34	MIC	JP2	1	CONNECTOR
35	TX OUT	JP3	1	CONNECTOR
36	TX+	JP4	1	CONNECTOR
37	RX+	JP5	1	CONNECTOR
38	RX IN	JP6	1	CONNECTOR
39	PTT	JP7	1	CONNECTOR
40	RELAY 12V 8PIN	K1,K2,K3,K4,K5,K6,K7,K8,	8	RELAY HKE
41	100uH	L1	1	Colour Inductor
42	0.47uH	L2,L6,L7	3	Colour Inductor
43	0.22uH	L3,L4	2	Colour Inductor
44	1uH	L5,L9,L10	3	Colour Inductor
45	2.2uH	L8,L12,L13	3	Colour Inductor
46	4.7uH	L11,L15,L16	3	Colour Inductor
47	10uH	L14	1	Colour Inductor
48	47uH	L17	1	Colour Inductor
49	TX	LED1	1	
50	PWR	LED2	1	
51	ADE-1	MX1	1	MIXER
52	817	OC1	1	
53	2N3904	Q1,Q2,Q3,Q4,Q5,Q6,Q7,Q8,Q9,Q10,Q11,Q12,Q13,Q14,Q15,Q16,Q17,Q18,Q19,Q21,Q23,Q25,Q27,Q29,Q31	25	NPN
54	2N3906	Q20,Q22,Q24,Q26,Q28,Q30	6	PNP
55	100R	R1,R3,R66,R71	4	0.25Watt Resistor
56	4K7	R2,R6	2	0.25Watt Resistor
57	220R	R4,R7,R8,R12,R14,R15,R17,R23,R24,R25,R29,R31,R32,R34,R35,R37,R39,R46,R47,R54,R63,R82	22	0.25Watt Resistor
58	2K2	R5,R20,R21,R22,R38	5	0.25Watt Resistor
59	1K	R9,R10,R26,R27,R28,R43,R53,R68,R73,R75,R79,R83,R89,R90,R91,R92,R93,R94,R95,R96,R97,R98,R99,R101,R102	25	0.25Watt Resistor
60	47K	R11	1	0.25Watt Resistor
61	10R	R13,R16,R30,R33,R48,R56,R67,R70	8	0.25Watt Resistor
62	10K	R18,R60,R103,R104	4	0.25Watt Resistor
63	470R	R19,R72,R80,R88	4	0.25Watt Resistor
64	4R7	R36	1	0.25Watt Resistor
65	5k6	R40	1	0.25Watt Resistor
66	2k2	R41	1	0.25Watt Resistor

67	22R	R42	1	0.25Watt Resistor
68	100k	R44,R45	2	0.25Watt Resistor
69	100R	R49,R69	2	0.25Watt Resistor
70	20K	R50	1	0.25Watt Resistor
71	500R	R51	1	0.25Watt Resistor
72	120K	R52	1	0.25Watt Resistor
73	4k7	R55,R65	2	0.25Watt Resistor
74	560R	R57,R81	2	0.25Watt Resistor
75	5K6	R58	1	0.25Watt Resistor
76	220K	R59	1	0.25Watt Resistor
77	10K	R61	1	0.25Watt Resistor
78	2R2	R62,R64	2	0.25Watt Resistor
79	150R	R74	1	0.25Watt Resistor
80	68R	R76,R77	2	0.25Watt Resistor
81	10K	R78,R85	2	0.25Watt Resistor
82	390R	R84	1	0.25Watt Resistor
83	6R8	R86	1	0.25Watt Resistor
84	33R	R87	1	0.25Watt Resistor
85	100K	R100	1	0.25Watt Resistor
86	Toroid-Trifillar Bitx	T1,T2,T3	3	6-10T /EMAIL 0,4mm
87	30pF	TC	1	Ceramic Capacitor
88	TDA2003	U1	1	Audio Amplifier
89	7809	U2	1	REG
90	AMS1117-3.3	U3	1	REG
91	AMS1117-5.0	U4	1	REG
92	SI5351A-B-GT	U5	1	
93	27.000MHZ	X1	1	
94	TCXO 27Mhz	X2	1	OPTIONAL
95	8Mhz	Y1,Y2,Y3,Y4	4	