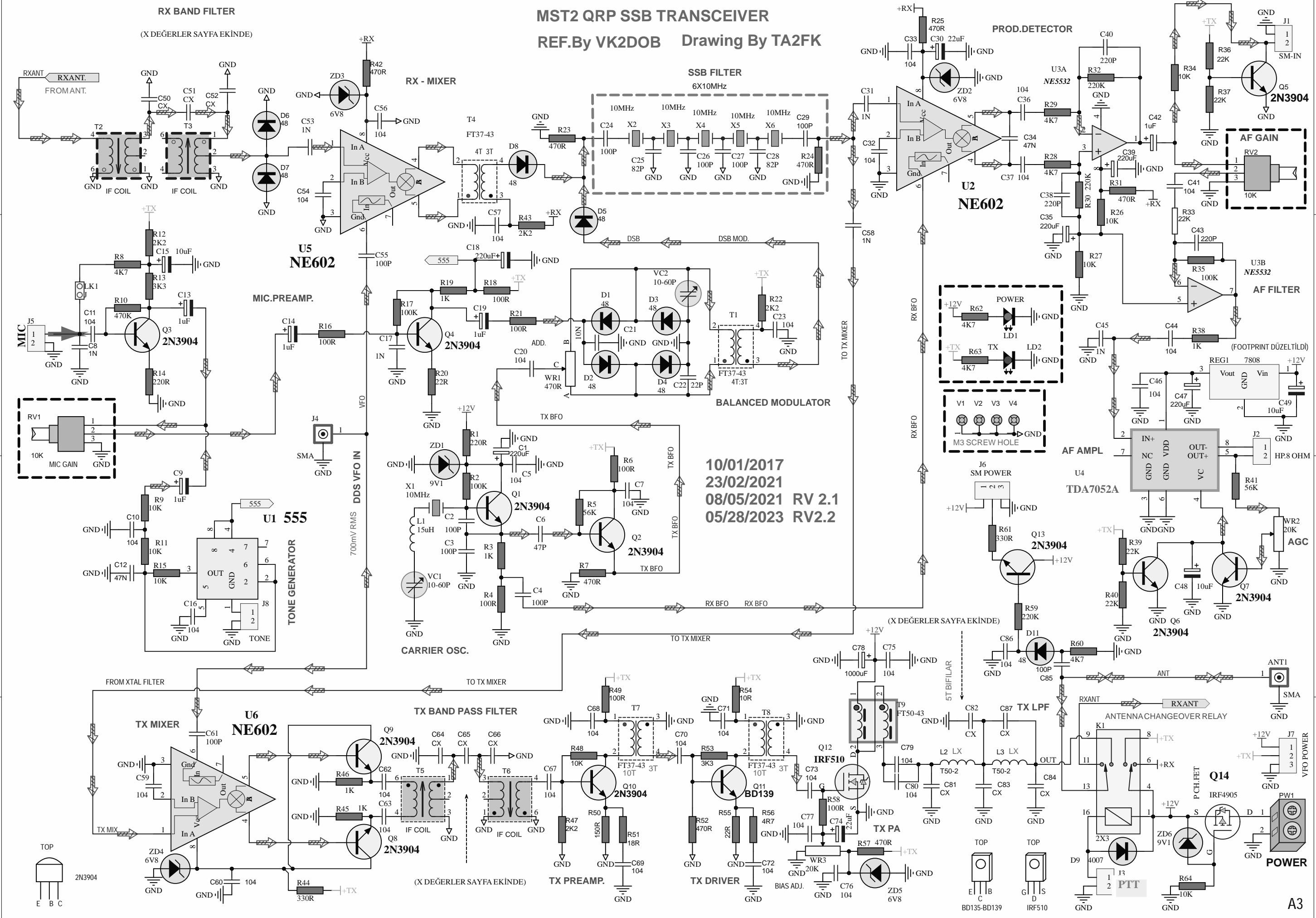
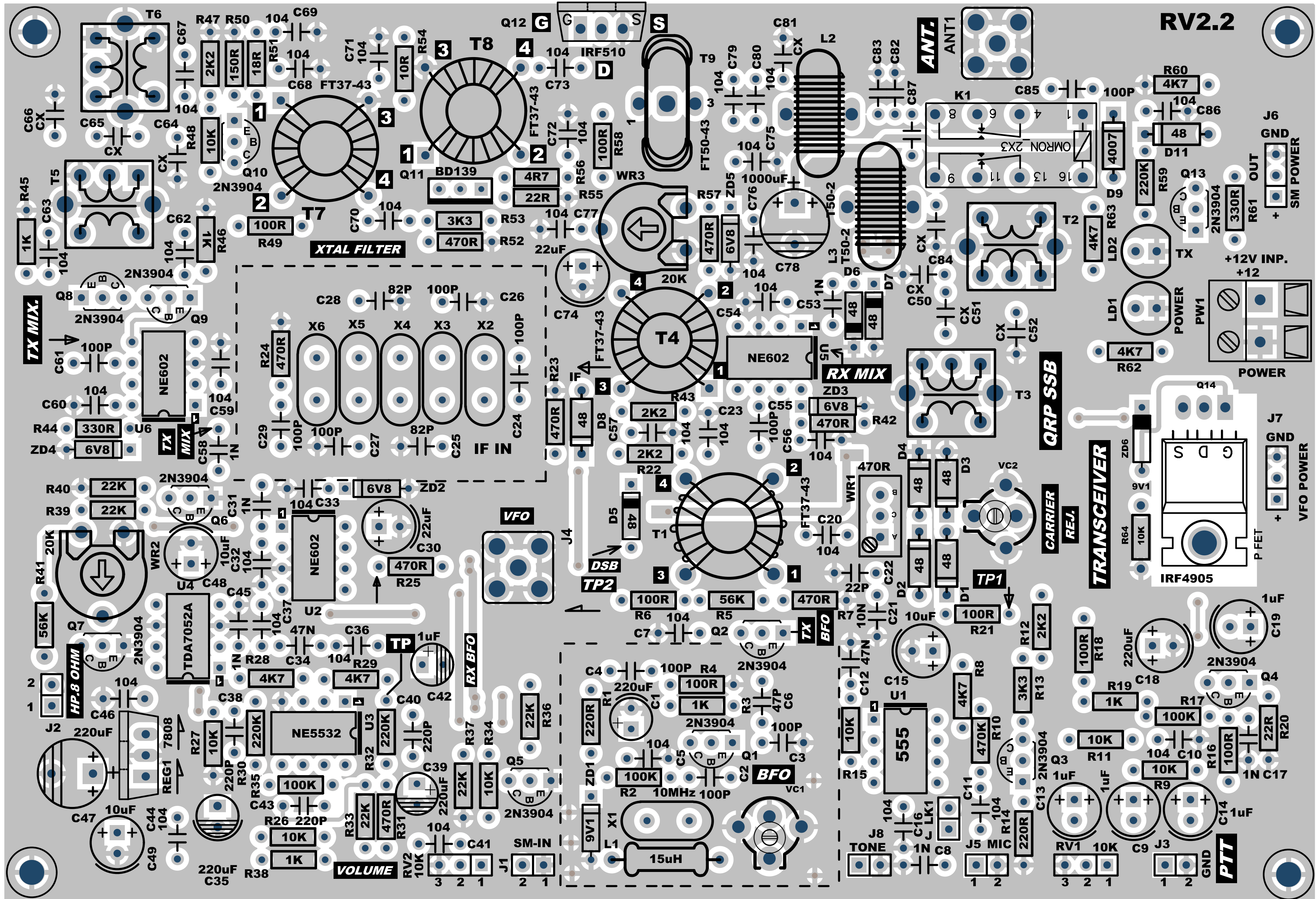


# MST2 QRP SSB TRANSCEIVER

REF.By VK2DOB Drawing By TA2FK



10/01/2017  
23/02/2021  
08/05/2021 RV 2.1  
05/28/2023 RV2.2



RV2.2

TX MIX

TX MIX

RX MIX

QRP SSB

TRANSCEIVER

PTT

XTAL FILTER

VFO

RX BFO

BFO

CARRIER

VFO POWER

POWER

POWER

SM POWER

+12V INP.  
+12

GND

GND

OUT

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Comment	Designator	Quantity
SMA	ANT1	1
220uF	C1	1
100P	C2	1
100P	C3	1
100P	C4	1
104	C5	1
47P	C6	1
104	C7	1
1N	C8	1
1uF	C9	1
104	C10	1
104	C11	1
47N	C12	1
1uF	C13	1
1uF	C14	1
10uF	C15	1
104	C16	1
1N	C17	1
220uF	C18	1
1uF	C19	1
104	C20	1
10N	C21	1
22P	C22	1
104	C23	1
100P	C24	1
82P	C25	1
100P	C26	1
100P	C27	1
82P	C28	1
100P	C29	1
22uF	C30	1
1N	C31	1
104	C32	1
104	C33	1
47N	C34	1
220uF	C35	1

Comment	Designator	Quantity
104	C36	1
104	C37	1
220P	C38	1
220uF	C39	1
220P	C40	1
104	C41	1
1uF	C42	1
220P	C43	1
104	C44	1
1N	C45	1
104	C46	1
220uF	C47	1
10uF	C48	1
10uF	C49	1
CX	C50	1
CX	C51	1
CX	C52	1
1N	C53	1
104	C54	1
100P	C55	1
104	C56	1
104	C57	1
1N	C58	1
104	C59	1
104	C60	1
100P	C61	1
104	C62	1
104	C63	1
CX	C64	1
CX	C65	1
CX	C66	1
104	C67	1
104	C68	1
104	C69	1
104	C70	1
104	C71	1

Comment	Designator	Quantity
104	C72	1
104	C73	1
22uF	C74	1
104	C75	1
104	C76	1
104	C77	1
1000uF	C78	1
104	C79	1
104	C80	1
CX	C81	1
CX	C82	1
CX	C83	1
CX	C84	1
100P	C85	1
104	C86	1
CX	C87	1
48	D1	1
48	D2	1
48	D3	1
48	D4	1
48	D5	1
48	D6	1
48	D7	1
48	D8	1
4007	D9	1
48	D11	1
SM-IN	J1	1
HP.8 OHM	J2	1
PTT	J3	1
SMA	J4	1
MIC	J5	1
SM POWER	J6	1
VFO POWER	J7	1
TONE	J8	1
2X3	K1	1
15uH	L1	1

Comment	Designator	Quantity
T50-2	L2	1
T50-2	L3	1
TX	LD2	1
J	LK1	1
LD1	POWER	1
POWER	PW1	1
2N3904	Q1	1
2N3904	Q2	1
2N3904	Q3	1
2N3904	Q4	1
2N3904	Q5	1
2N3904	Q6	1
2N3904	Q7	1
2N3904	Q8	1
2N3904	Q9	1
2N3904	Q10	1
BD139	Q11	1
IRF510	Q12	1
2N3904	Q13	1
IRF4905	Q14	1
220R	R1	1
100K	R2	1
1K	R3	1
100R	R4	1
56K	R5	1
100R	R6	1
470R	R7	1
4K7	R8	1
10K	R9	1
470K	R10	1
10K	R11	1
2K2	R12	1
3K3	R13	1
220R	R14	1
10K	R15	1
100R	R16	1

Comment	Designator	Quantity
100K	R17	1
100R	R18	1
1K	R19	1
22R	R20	1
100R	R21	1
2K2	R22	1
470R	R23	1
470R	R24	1
470R	R25	1
10K	R26	1
10K	R27	1
4K7	R28	1
4K7	R29	1
220K	R30	1
470R	R31	1
220K	R32	1
22K	R33	1
10K	R34	1
100K	R35	1
22K	R36	1
22K	R37	1
1K	R38	1
22K	R39	1
22K	R40	1
56K	R41	1
470R	R42	1
2K2	R43	1
330R	R44	1
1K	R45	1
1K	R46	1
2K2	R47	1
10K	R48	1
100R	R49	1
150R	R50	1
18R	R51	1
470R	R52	1

Comment	Designator	Quantity
3K3	R53	1
10R	R54	1
22R	R55	1
4R7	R56	1
470R	R57	1
100R	R58	1
220K	R59	1
4K7	R60	1
330R	R61	1
4K7	R62	1
4K7	R63	1
10K	R64	1
7808	REG1	1
10K	RV1	1
10K	RV2	1
FT37-43	T1	1
IF COIL	T2	1
IF COIL	T3	1
FT37-43	T4	1
IF COIL	T5	1
IF COIL	T6	1
FT37-43	T7	1
FT37-43	T8	1
FT50-43	T9	1
555	U1	1
NE602	U2	1
NE5532	U3	1
TDA7052A	U4	1
NE602	U5	1
NE602	U6	1
	V1	1
	V2	1
	V3	1
	V4	1
10-60P	VC1	1
10-60P	VC2	1



Comment	Designator	Quantity
470R	WR1	1
20K	WR2	1
20K	WR3	1
10MHz	X1	1
10MHz	X2	1
10MHz	X3	1
10MHz	X4	1
10MHz	X5	1
10MHz	X6	1
9V1	ZD1	1
6V8	ZD2	1
6V8	ZD3	1
6V8	ZD4	1
6V8	ZD5	1
9V1	ZD6	1