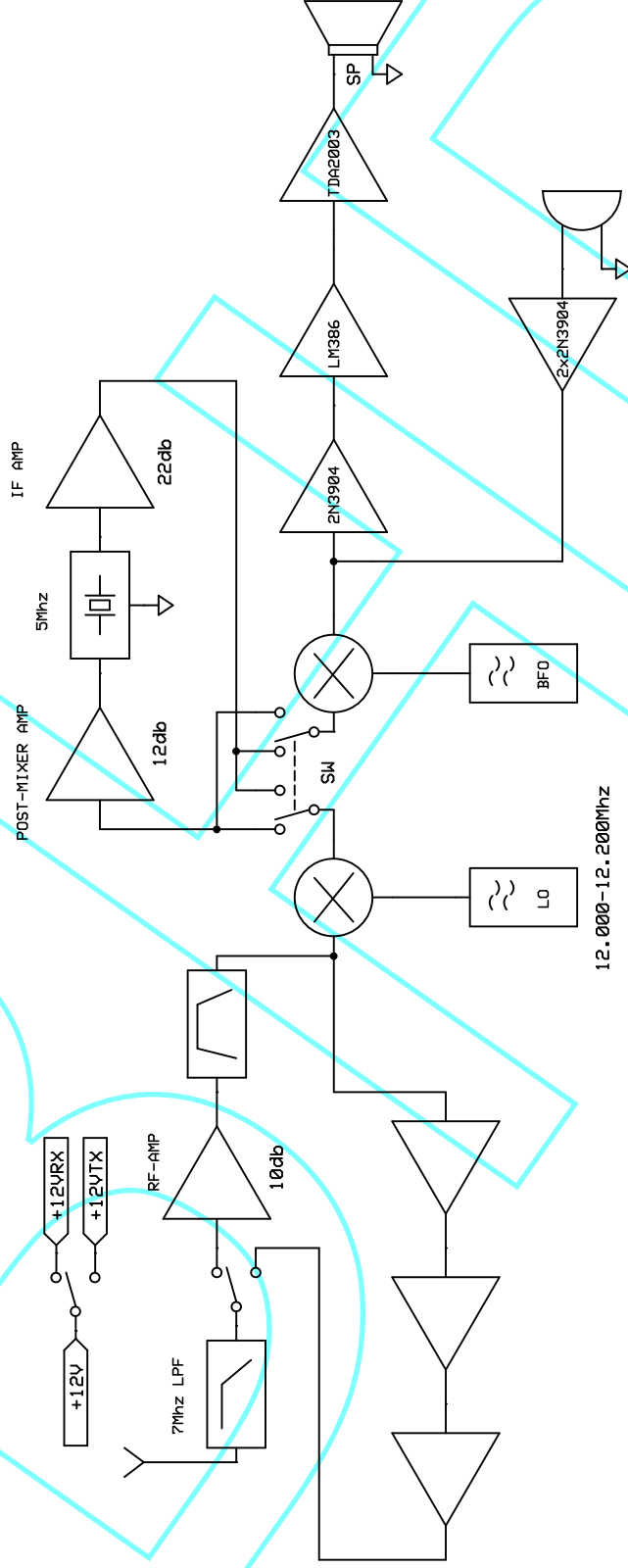


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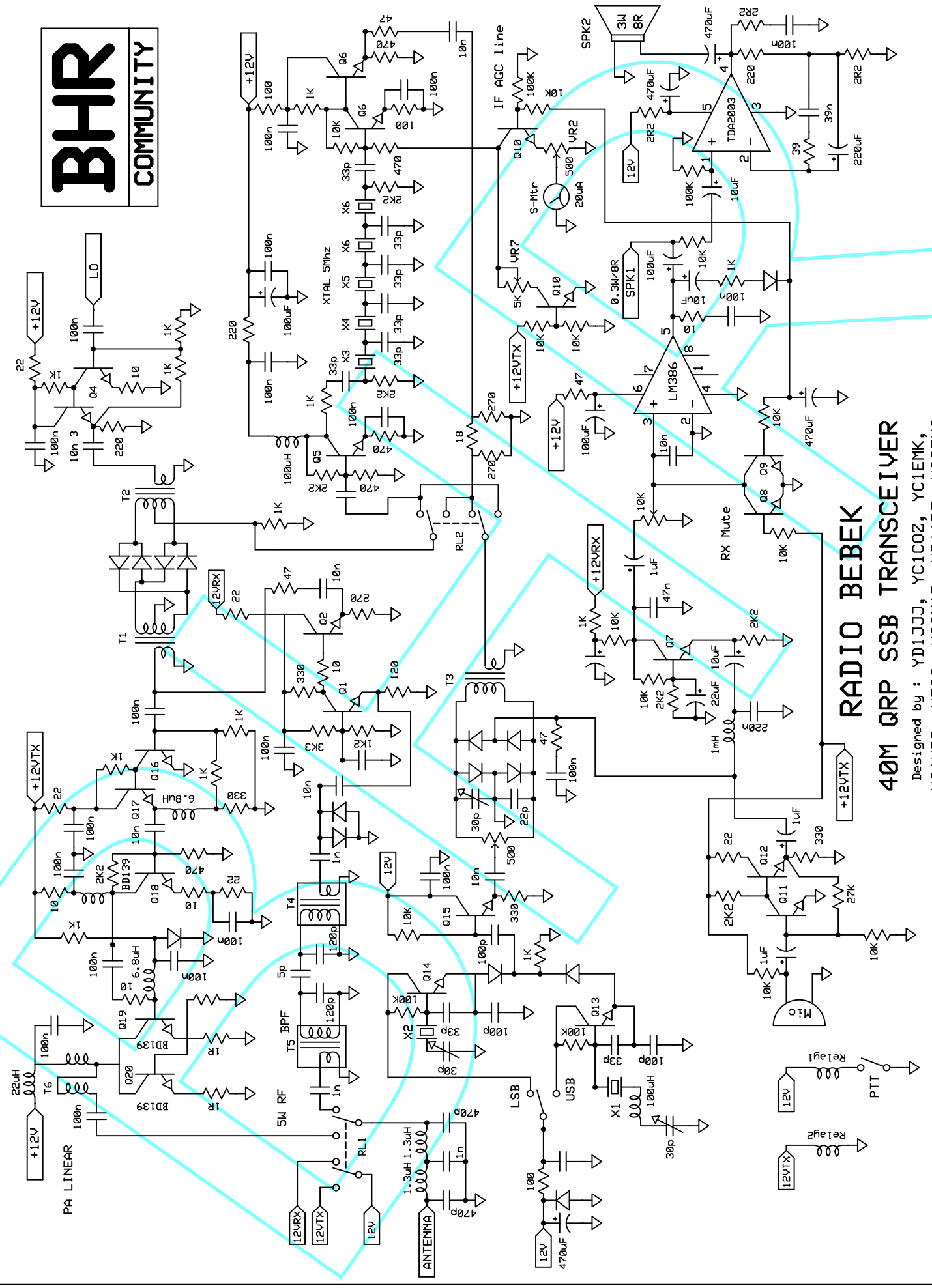
BLOK DIAGRAM



RADIO BEBEK

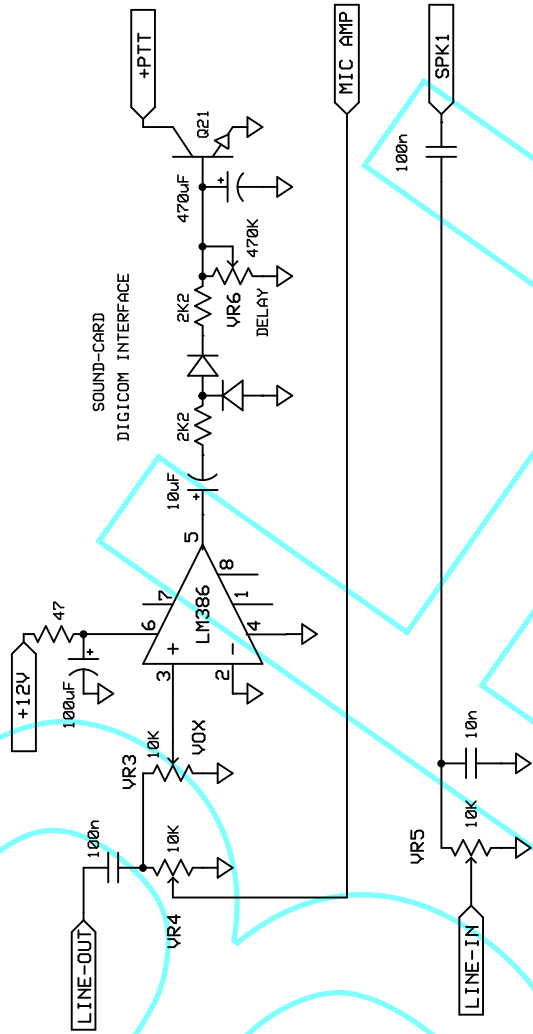
40M QRP SSB TRANSCEIVER

Designed by : YD1JJJ, YC1COZ, YC1EMK,
YC1HBP, YF00, YC2MAP, YD1ART, YC0EX0



RADIO BEBEK 40M QRP SSB TRANSCEIVER

Designed by : YD1JJJ, YC1COZ, YC1EMK, YC1HBP, YF00, YC2MAP, YD1ART, YC0EX0



KETERANGAN :

- T1, T2 = Trifilar 3 lilitan pada FT-37-43
- T3 = bifilar 4 lilitan pada FT-37-43
- T4, T5 = IFT10.7 Mhz, capacitor tidak dilepas
- Q18, Q19, Q20 = BD139
- Transistor lainnya 2N3904
- Semua diode 1N4148
- xtal menggunakan 5Mhz atau 6 Mhz

RADIO BEBEK
40M QRP SSB TRANSCEIVER

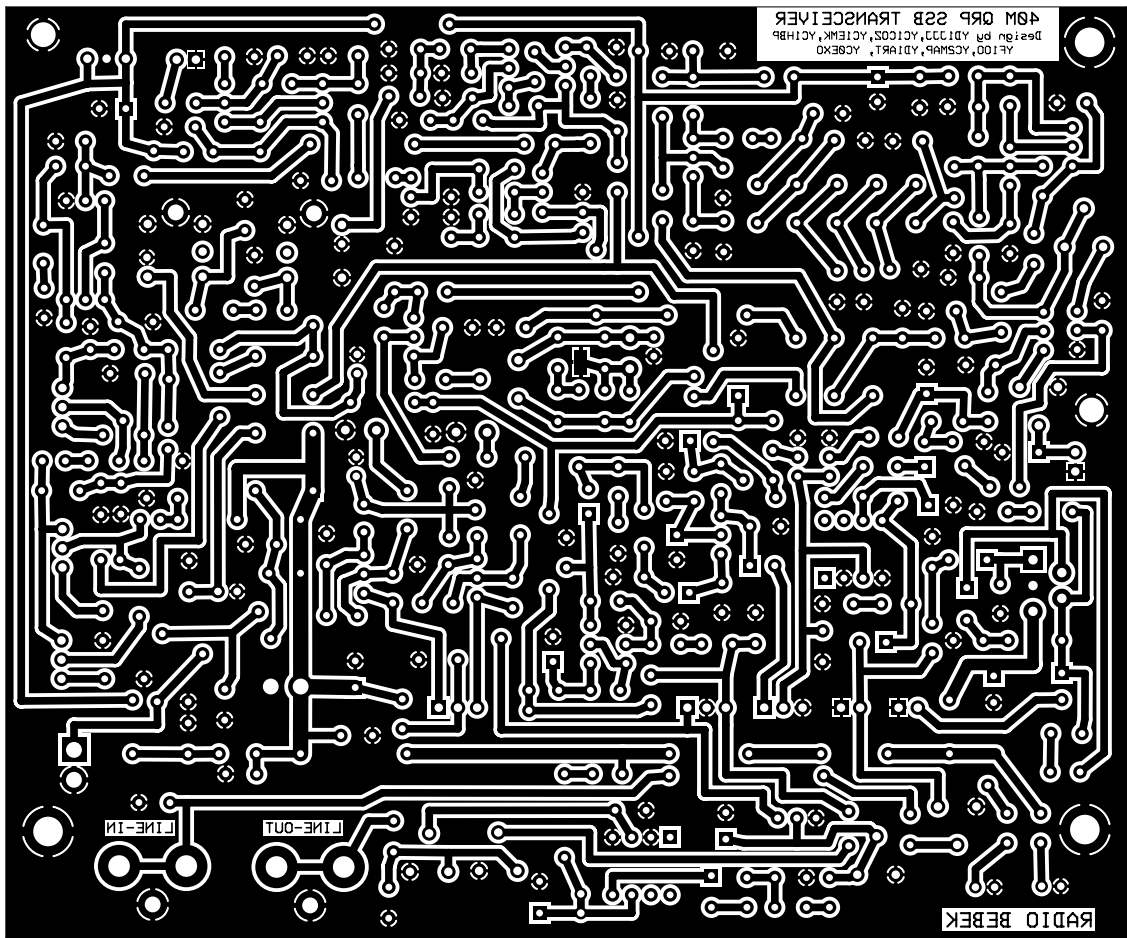
Designed by : YD1JJJ, YC1COZ, YC1EMK,
YC1HBP, YF00, YC2MAP, YD1ART, YC0EXO

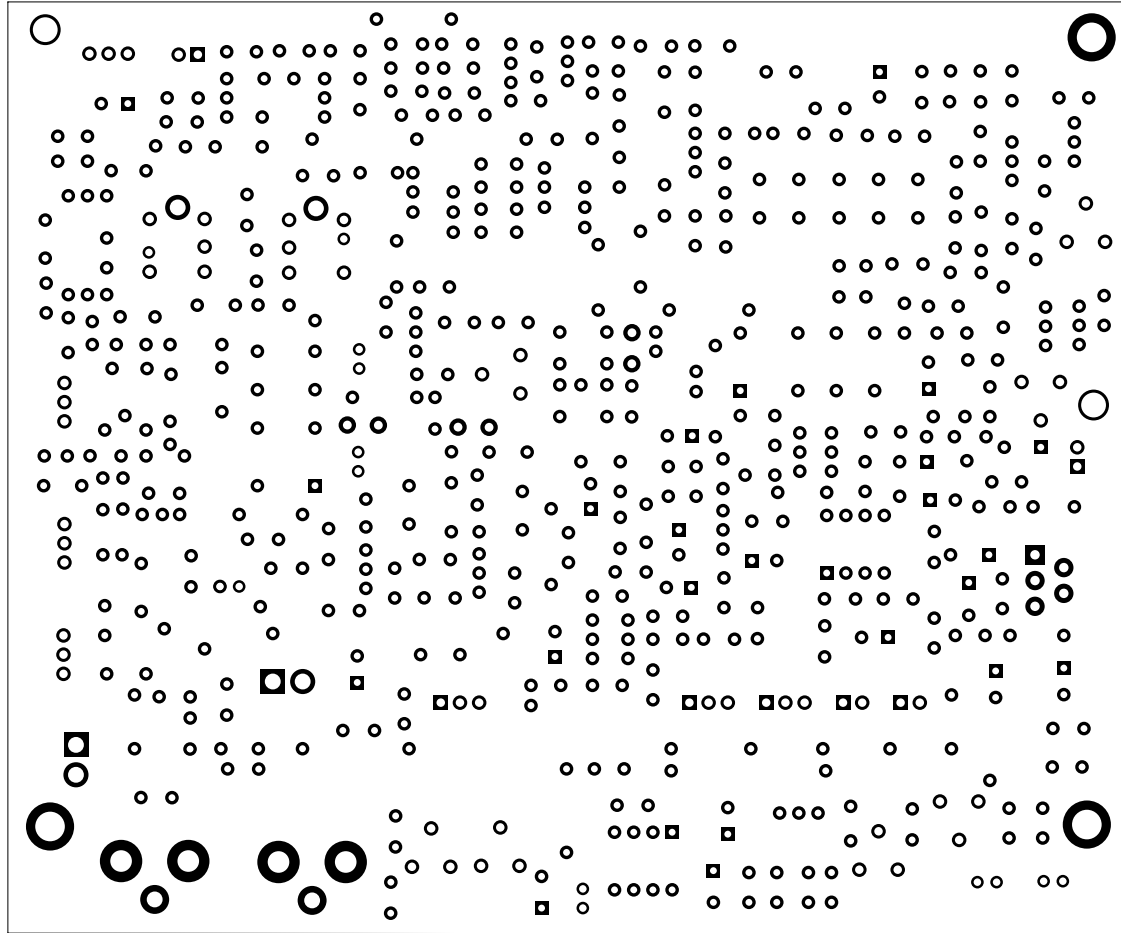
Daftar Komponen RADIO BEBEK

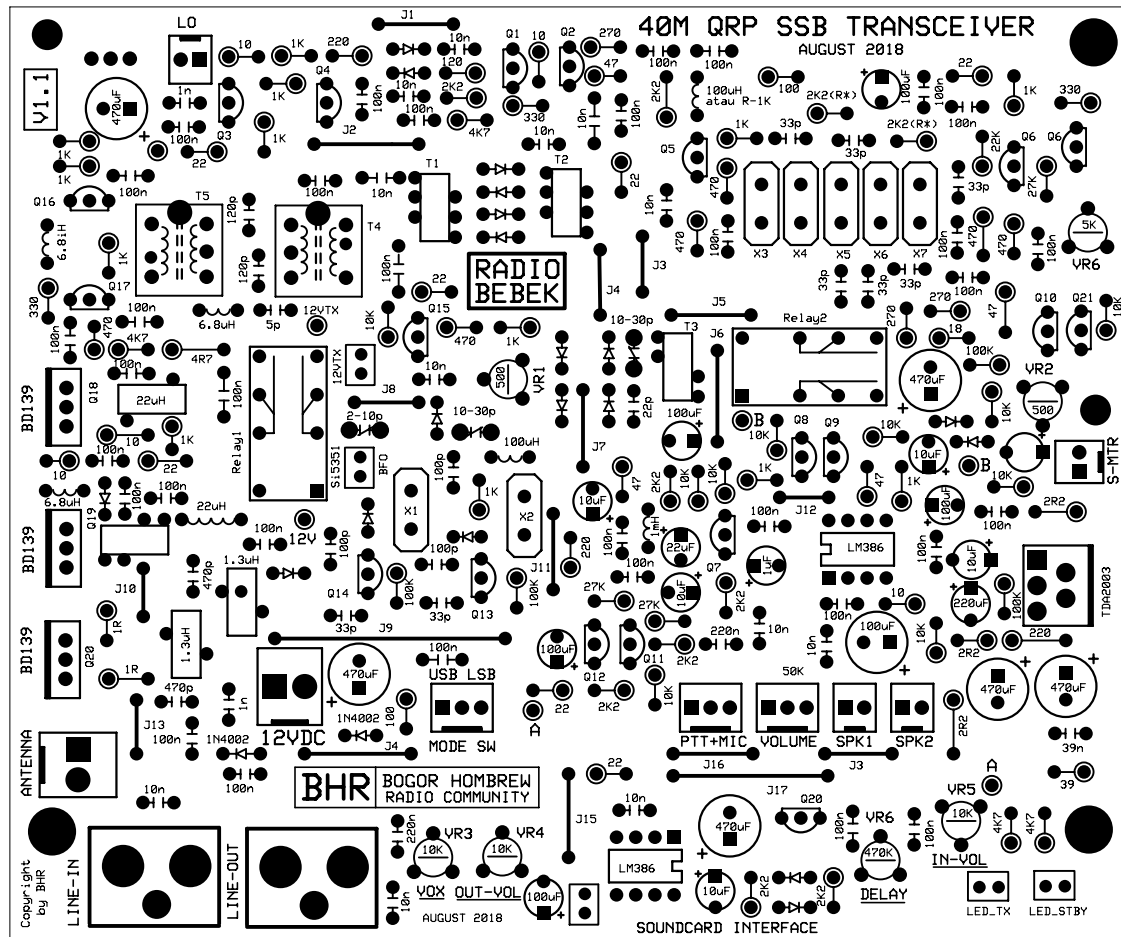
	Jenis	Jumlah
IC		1
	LM386	1
	TDA2003	
Transistor		20
	2N3904	3
	BD139	
Relay	DPDT 12V	2
Inductor		2
	T37-2	6
	T37-45	1
	100uH	1
	1mH	3
	6.8uH	
Lain-lain		
	Electret Mic	1
	Speaker 10W	1
	Soket stereo	2
		44
	Jumlah komponen	266

Kapasitor	Nilai	Jumlah
	470uF	6
	220uF	1
	100uF	6
	22uF	1
	10uF	5
	1uF	1
	100n	37
	39n	1
	10n	22
	1n	2
	470p	2
	120p	2
	100p	5
	33p	9
Trimmer	22p	1
	10p	1
	30p	1
Diode		
	1N4002	3
	1N4148	18
		124

Resistor	Nilai	Jumlah
	1R	2
	2R2	3
	10	5
	22	7
	47	4
	100	2
	220	3
	270	3
	330	3
	470	3
	1K	15
	2K2	9
	4K7	4
	10K	13
	22K	2
	27K	3
	18	1
	47	5
	100K	4
	39	1
Trimpot	5K	1
	10K	3
	500K	1
	500R	1
		98







14.83 cm x 12.30 cm

40M QRP SSB TRANSCEIVER

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SOUNDCARD INTERFACE

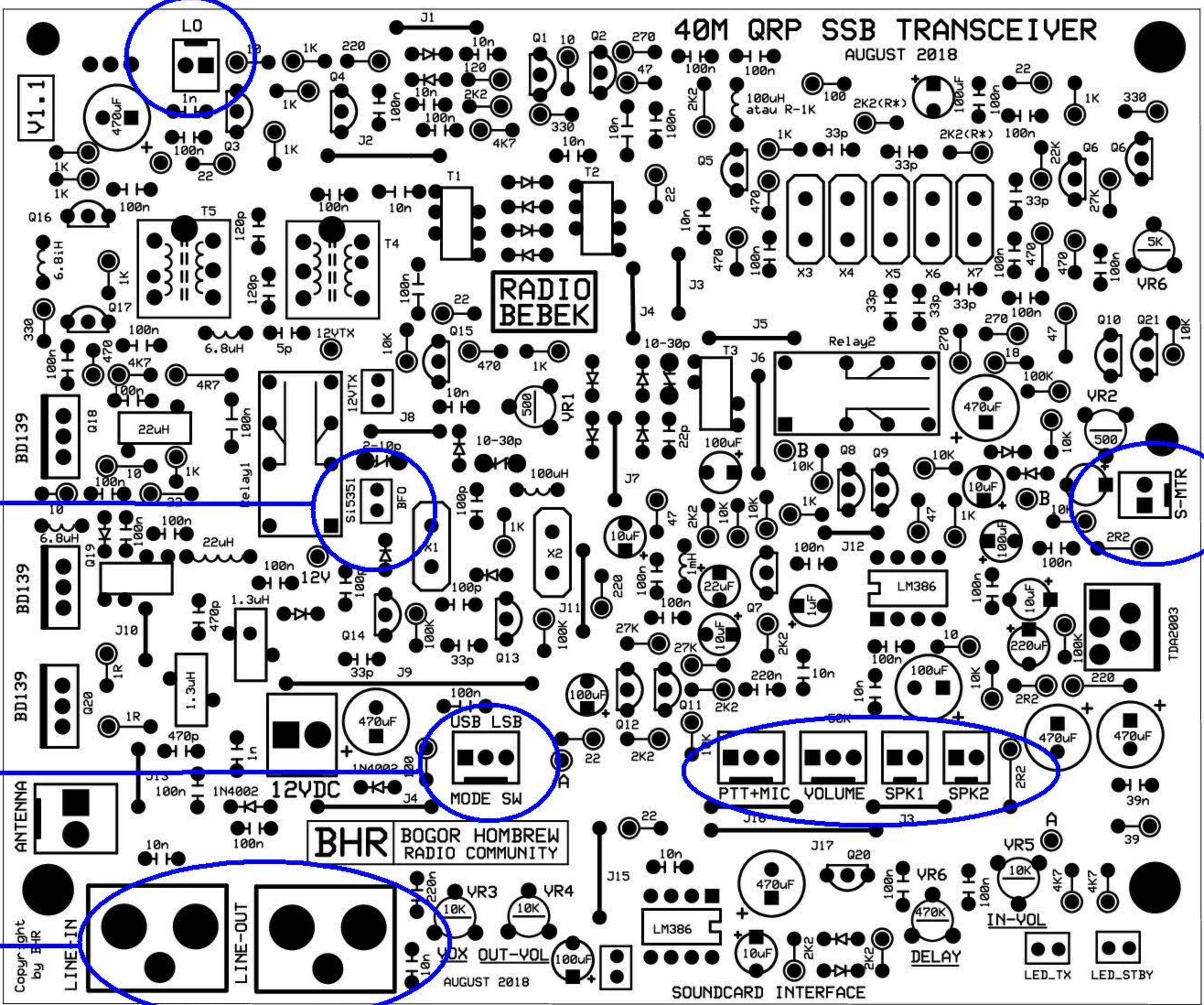
LO

BFO

Mode Switch

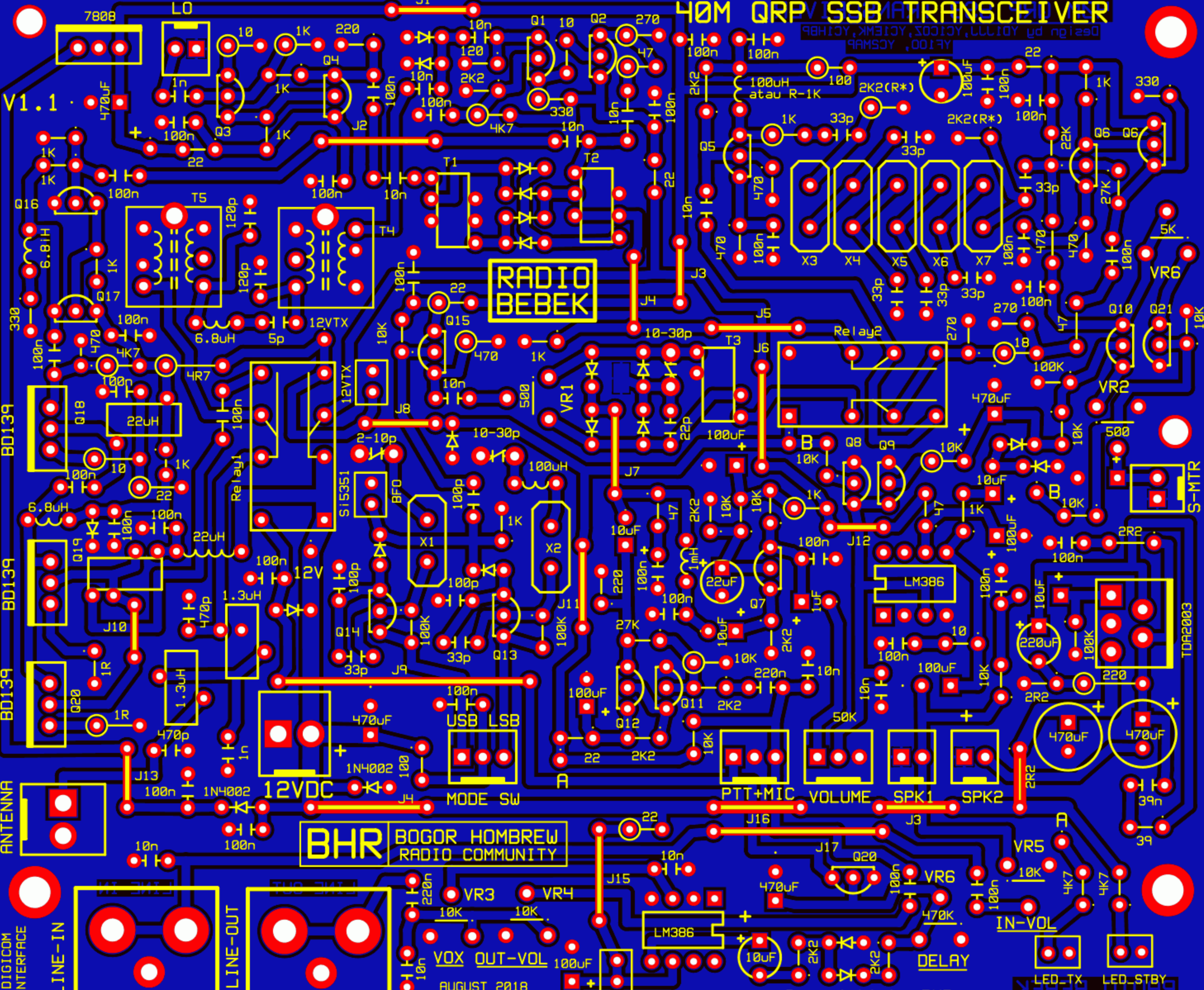
To Sound Card

S-Meter



40M QRP VSSB TRANSCEIVER

Design by Y01JLJ, YC1C0Z, YC1EMK, YC1HBP, YF100, YCSMP, YCSMP



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RADIO BEBEK

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DIGICOM INTERFACE

LINE-IN

LINE-OUT

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RADIO BEBEK

LED-TX LED-STBY

40M QRP SSB TRANSCEIVER

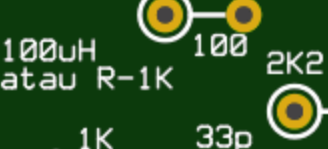
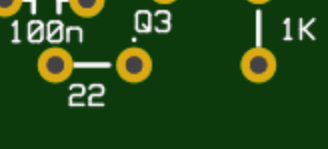
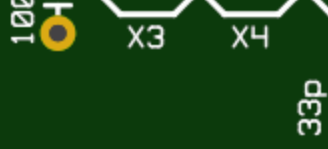
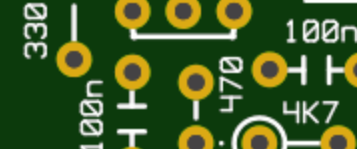
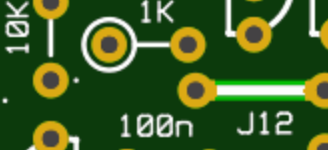
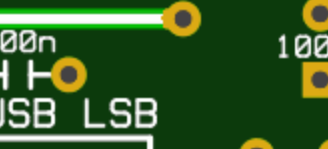
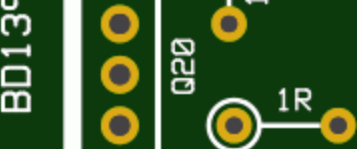
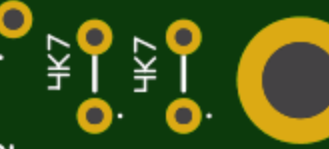
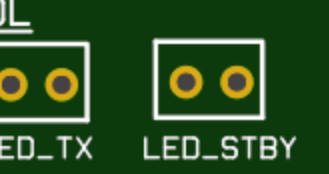
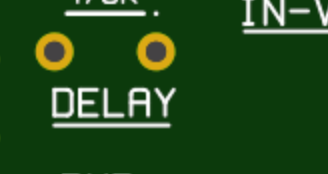
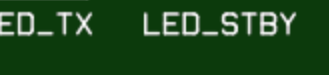
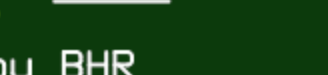
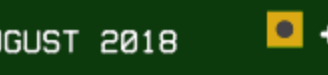
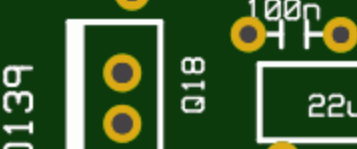
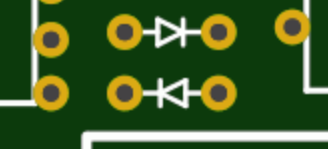
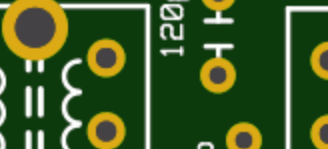
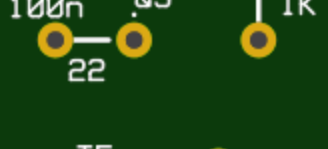
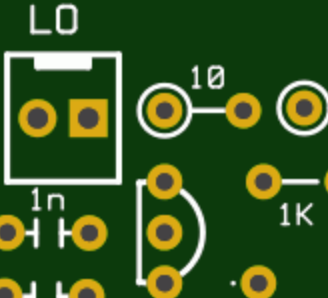
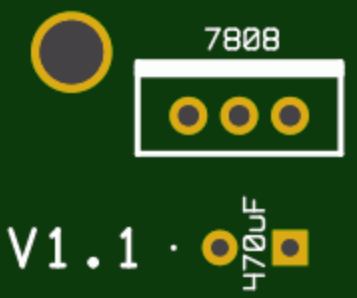
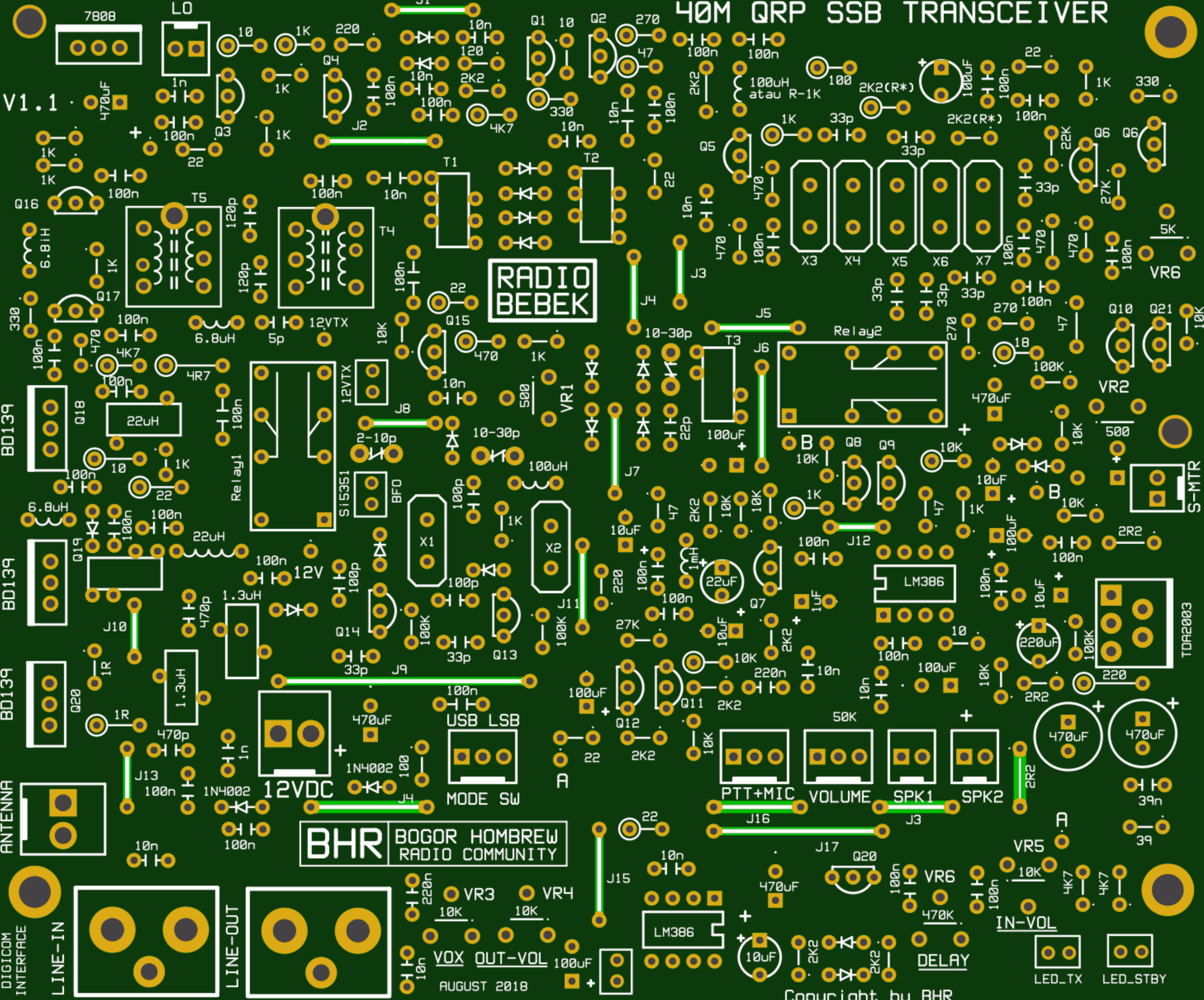
V1.1

RADIO BEBEK

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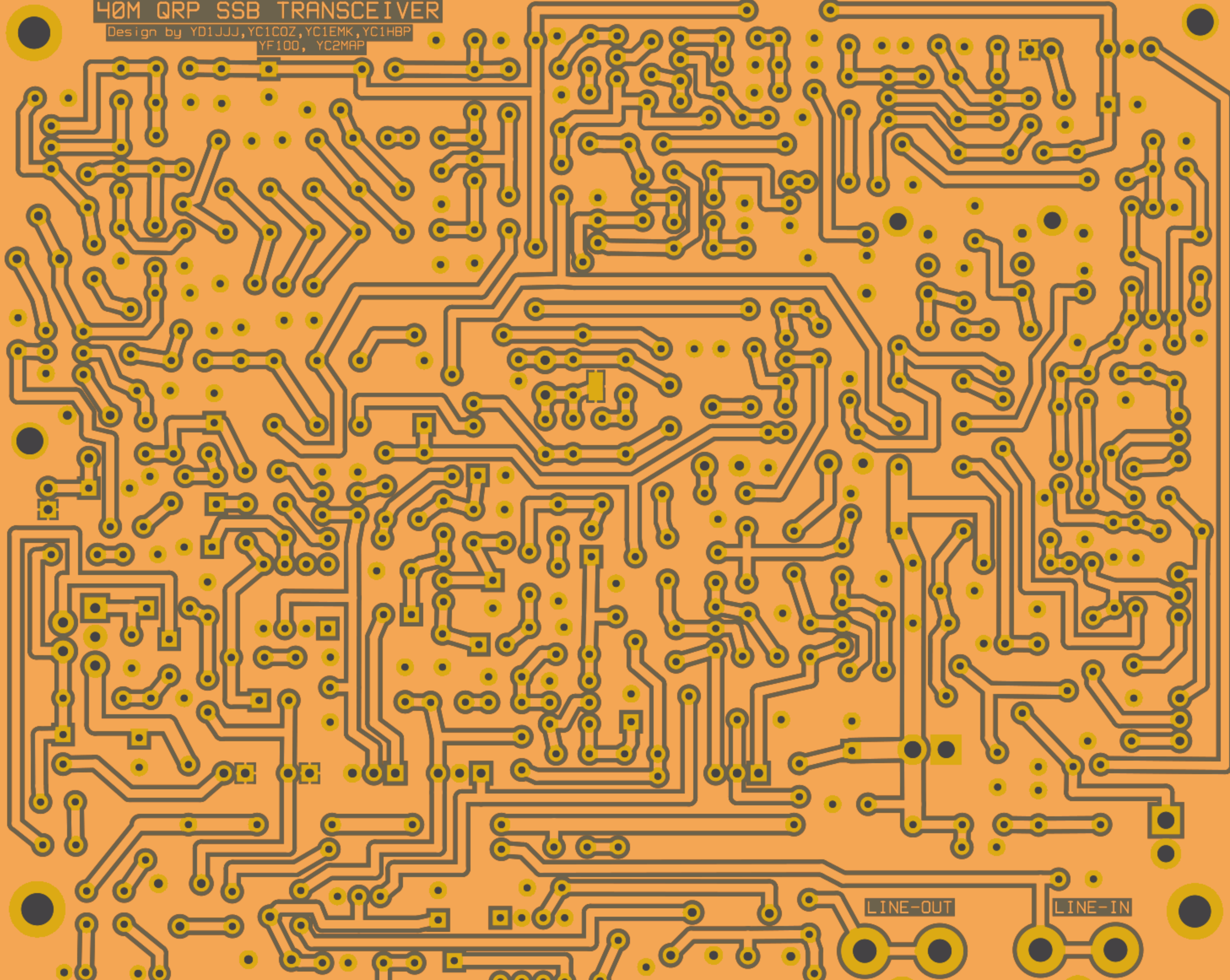
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40M QRP SSB TRANSCEIVER

Design by YD1JJJ, YC1COZ, YC1EMK, YC1HBP
YF100, YC2MAP



RADIO BEBEK

LINE-OUT

LINE-IN