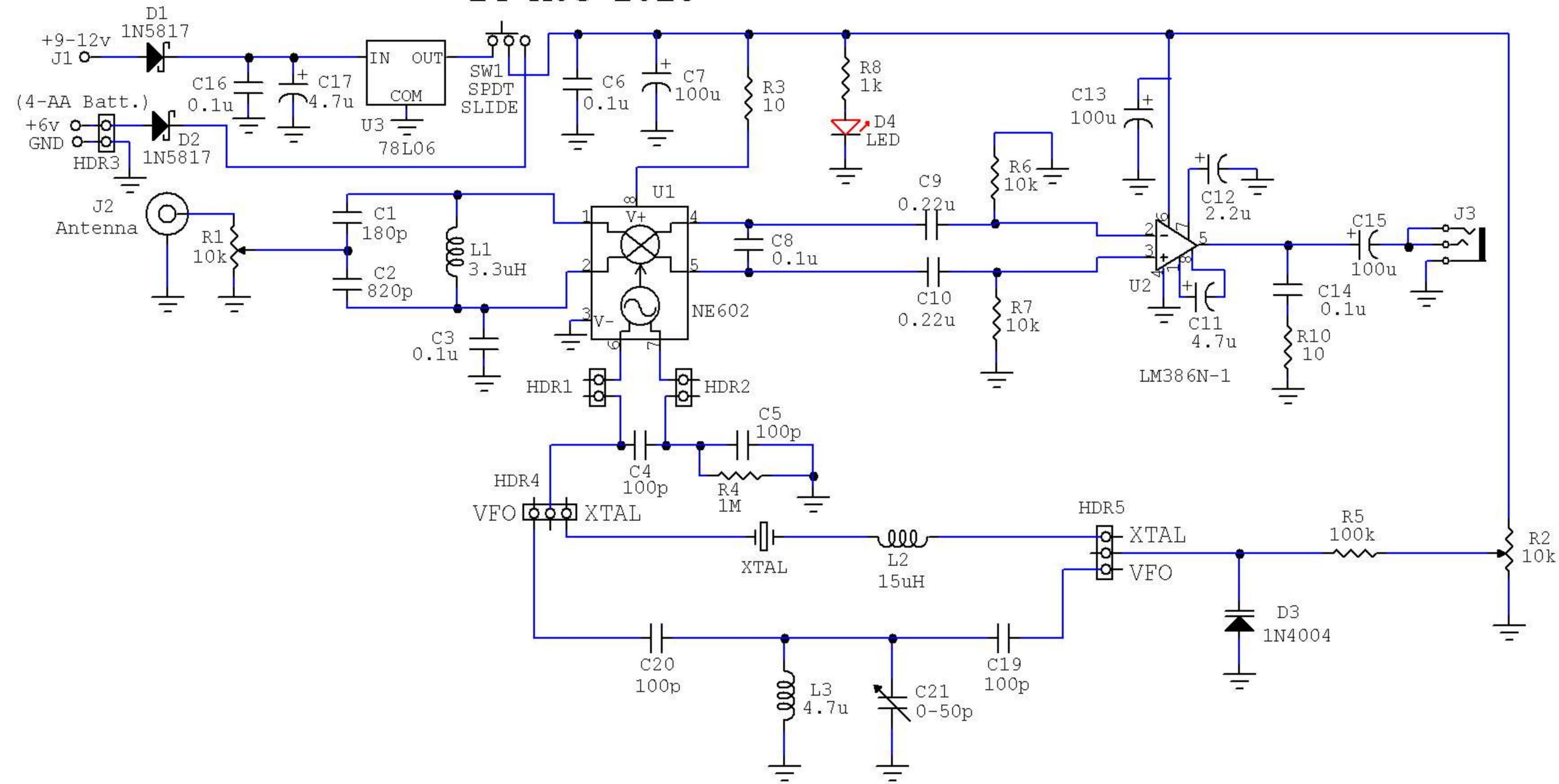
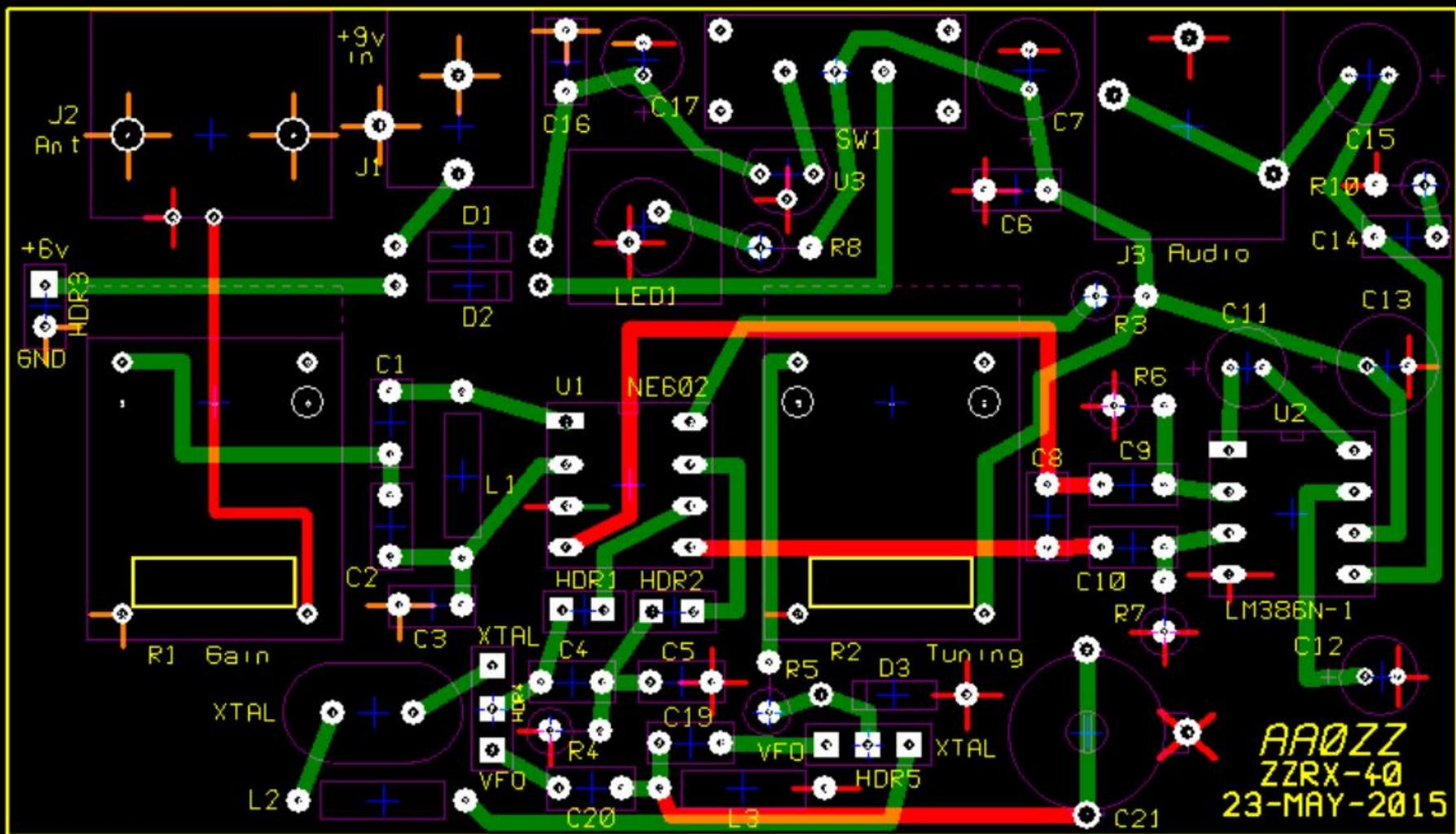


# AA0ZZ ZZRX-40 Receiver

24-AUG-2016



3500 mil



2000 mil

AA0ZZ  
ZZRX-40  
23-MAY-2015

4-JUL-2016

## AAOZZ ZZR-40 Version 8.0a Parts List

Quantity	Designator	Description	(D) DigiKey (M) Mouser or Other
4	C4, C5, C19, C20,	Capacitor, 100p, monolithic, radial C0G, (small, blue, "101J") 5% .5mm spacing	(D) 490-8630-ND
1	C1	Capacitor, 180p, monolithic, radial C0G (small, blue, "181J") 5% 5mm spacing	(D) 490-8654-ND
1	C2	Capacitor, 820p, monolithic, radial C0G (small, blue, "821J") 5% 5mm spacing	(D) 490-8720-ND (D) 445-4737-ND
5	C3, C6, C8, C14, C16	Capacitor, 0.1u, monolithic, radial C0G (small, blue, "104K") 10% X7R 5mm spacing	(D) 490-7515-1-ND
2	C9, C10	Capacitor, 0.22u, monolithic, radial X7R (small, blue, "224Z") 10% 5mm spacing	(D) 490-8832-ND
1	C12	Capacitor, 2.2u, electrolytic, 50v 20% 2mm spacing	(D) 493-1100-ND
2	C11, C17	Capacitor, 4.7u, electrolytic, 50v 2mm spacing	(D) P996-ND
3	C7, C13, C15	Capacitor, 100u, electrolytic, 25v 2.5mm spacing	(D) 493-1061-ND
1	C21	Capacitor, Trimmer 4.5-65PF top adjust	(D) SG3009-ND
2	R1, R2	Potentiometer, 10K ohm, vertical mount, linear	(D) 987-1289-ND
2	R3, R10	Resistor, 10 ohm, 1/6w, 5% (brown-black-black-gold)	(D) 10EBK-ND
1	R8	Resistor, 1k ohm, 1/6w, 5% (brown-black-red-gold)	(D) 1.0KEBK-ND
2	R6, R7	Resistor, 10k ohm, 1/6w, 5% (brown-black-orange-gold)	(D) 10KEBK-ND
1	R4	Resistor, 1M ohm, 1/4w, 5% (brown-black-green-gold)	(D) CF14JT1M00CT-ND
1	R5	Resistor, 100k ohm, 1/6w, 5% (brown-black-yellow-gold)	(D) 100KEBK-ND
1	L1	Inductor, 3.3 uH, molded, 5% (green body) (orange-orange-gold-gold)	(D) 78F3R3J-RC-ND
1	L3	Inductor, 4.7 uH, molded, 5% (green body) (yellow-violet-gold-gold)	(D) M10143-ND
1	L2	Inductor, 15 uH, molded, 5% (green body) (brown-green-black-gold)	(M) 542-78F150J-RC
2	D1, D2	Diode, 1N5817, Schottky	(D) 1N5817FSCT-ND
1	D3	Diode, 1N4004	(D) 1N4004DICT-ND
1	D4	LED, Red, T-1 3/4	(D) 67-1110-ND
1	J3	Jack, Audio, 1/8", stereo	(D) CP1-3513-ND
1	J1	Jack, coaxial, power, 5.0 / 2.1 mm	(D) CP-102AH-ND
1	J2	Jack, BNC, PCB mount	(D) A97553-ND
1	For J2	Lock washer for BNC jack	(D) A97567-ND
1	For J2	Hex nut for BNC jack	(D) A97566-ND
2	For U1, U2	Socket, DIP, 8-position	(D) ED3044-5-ND
2	HDR1, HDR2	Header, 0.1", 1x2 pos'n	(D) WM9823-ND
2	HDR4, HDR5	Header, 0.1", 1x3 pos'n	(D) WM50014-03-ND

4	For HDR1, HDR2, HDR4, HDR5	Shunt, 0.1"	(D) S9000-ND
1	U1	NE602 IC DIP8	(KitsAndParts.com)
1	U2	LM386-1 IC DIP8	(D) LM386N-1/NOPB-ND
1	U3	Regulator, voltage, 6v, 78L06, TO-92	(D) 497-1010-ND
2	For R1, R2	Knob, 1/2" diameter, 1/4" shaft	Jameco 265122 or equivalent
1	SW1	Switch, Slide, SPDT, RA	(D) CKN10393-ND
12	For R1, R2	Shim, Pot	AA0ZZ supplied
8	For LED	Shim, LED	AA0ZZ supplied
1	XTAL	Crystal HC49/U, 7.031 MHz	(KitsAndParts.com)
1	PCB	PCB, ZZR-40	AA0ZZ supplied
1	Enclosure	AA0ZZ Custom Enclosure and hardware	AA0ZZ supplied