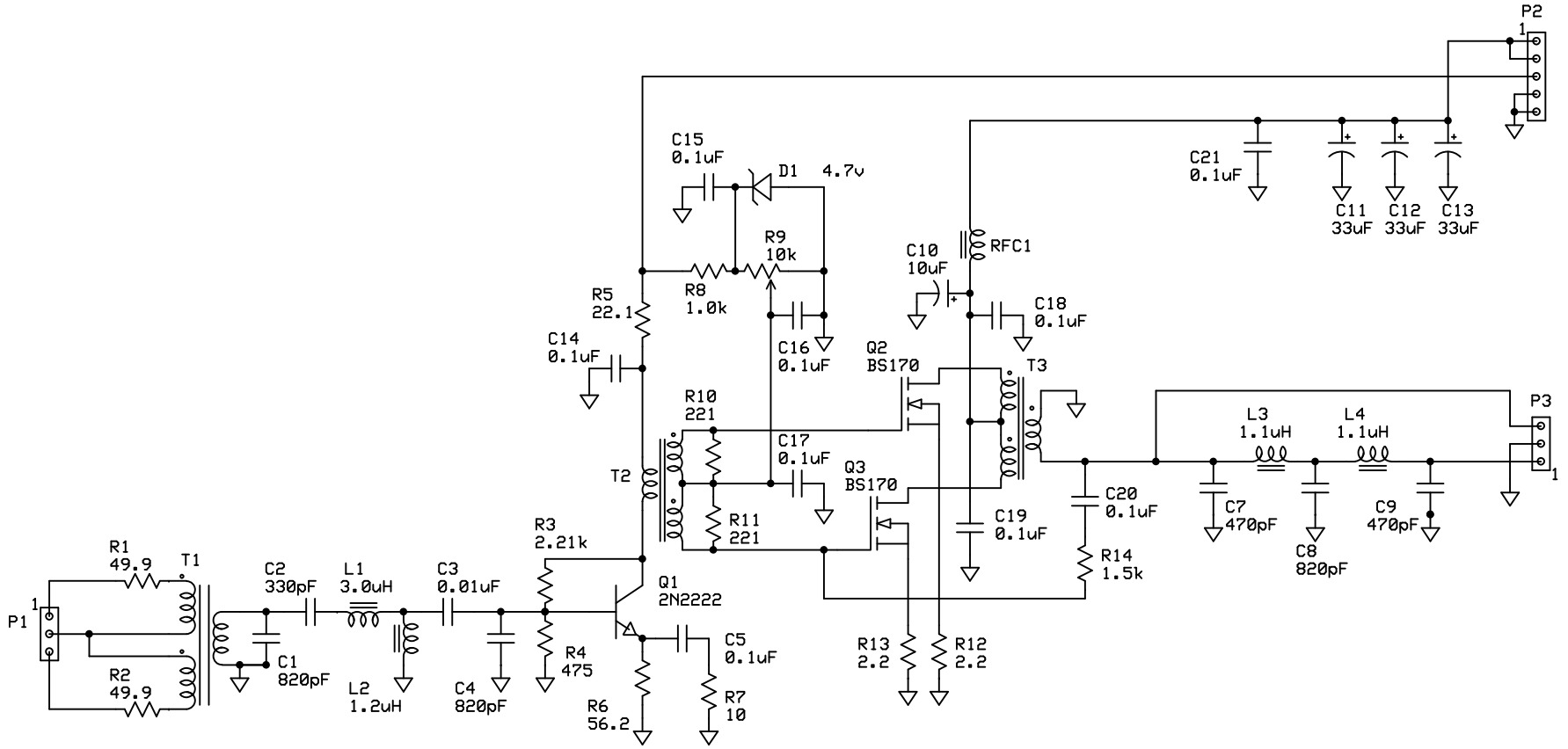

T1 primary 2x 13T bifilar on 18T secondary, T25-2 core, #30 wire
L1 3.0uH, 30T, T25-2 core, #30 wire
L2 1.2uH, 18T, T25-2 core, #30 wire
T2 primary 6T, each secondary 3T bifilar on 2402 core, #30 wire
T3 each primary 4T bifilar, secondary 5T, 2402 core, #30 wire
RFC1 4T, 2402 core, #26 wire
L3 1.1uH, 16T, T37-2 core, #26 wire
L4 1.1uH, 16T, T37-2 core, #26 wire

Bill of Materials

Item	Required
49.9 ohm, 1/4W, resistor	2
2.21k, 1/4W, resistor	1
475 ohm, 1/4W, resistor	1
22.1 ohm, 1/4W, resistor	1
56.2 ohm, 1/4W, resistor	1
10.0 ohm, 1/4W, resistor	1
221 ohm, 1/4W, resistor	2
1.00k, 1/4W, resistor	1
10k, pot	1
2.2 ohm, 1/4W, resistor	2
1.50k, 1/4W, resistor	1
820pF ceramic capacitor	3
330pF ceramic capacitor	1
0.01uF ceramic capacitor	1
0.1uF ceramic capacitor	1
10uF electrolytic capacitor	1
33uF electrolytic capacitor	3
470pF ceramic capacitor	2
0.1uF SMT 1206 capacitor (mounted on bottom of board: C14, C15, C16, C17, C18, C19, C20, C21)	8

Item	Required	
1N4732A, 4.7v Zener diode	1	
2N2222A	1	
BS170	2	
T25-2 core (red)	3	
T37-2 core (red)	2	
2402 binocular core	3	
#26 AWG magnet wire	4 feet	
#30 AWG magnet wire	12 feet	
1/4-20 x 1/2 brass screw (file head flat to clear QSE board components)	1	heat sink for Q2/Q3
1/4 inch brass flat washer	1	
1/4-20 hex nut	1	
SIL-PAD, 1/4 inch hole	1	(trim to right OD)
TO-18 heat sink for Q1	1	
Header pins x3, 0.1 in. spacing	2	
Header pins x5, 0.1 in. spacing	1	
Header sockets x3, 0.1 in. spacing	2	
Header sockets x5, 0.1 in. spacing	1	
PA board for alpha (stack) version	1	

SoftRock Projects		
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