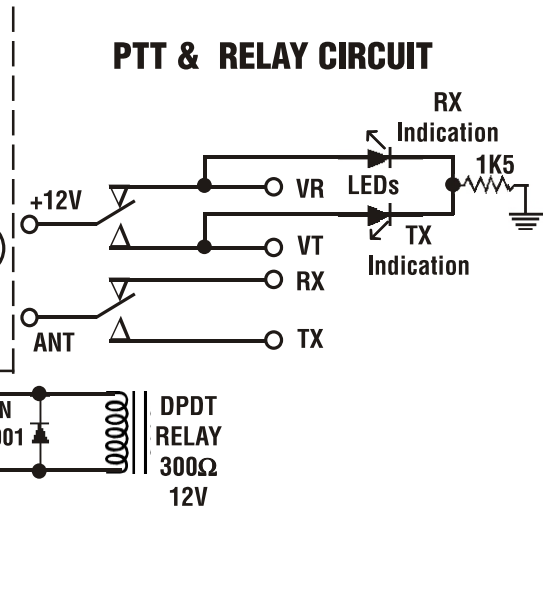
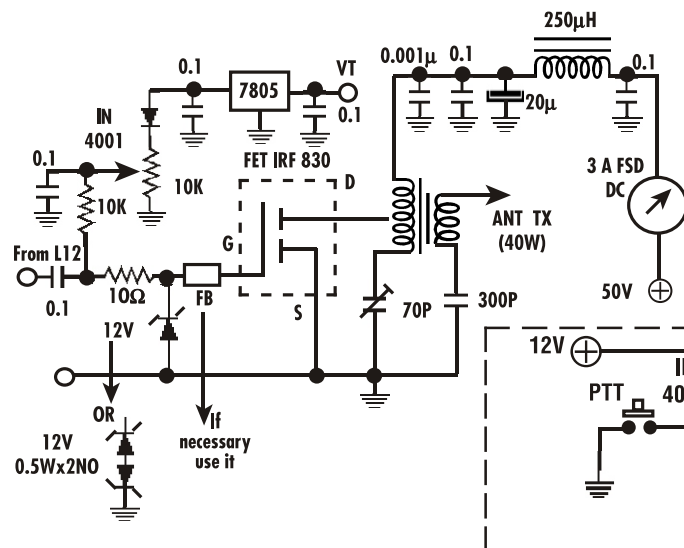
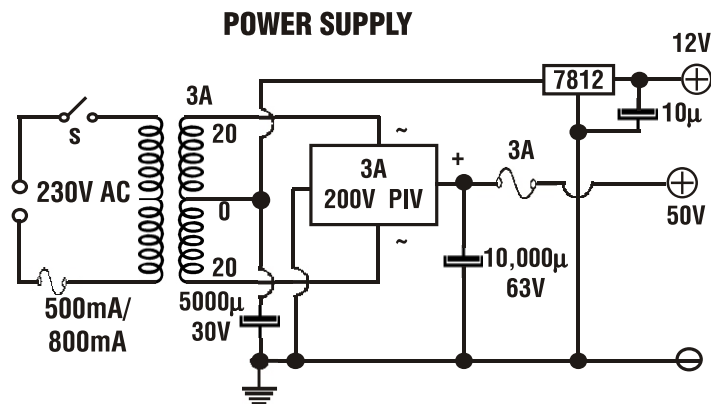
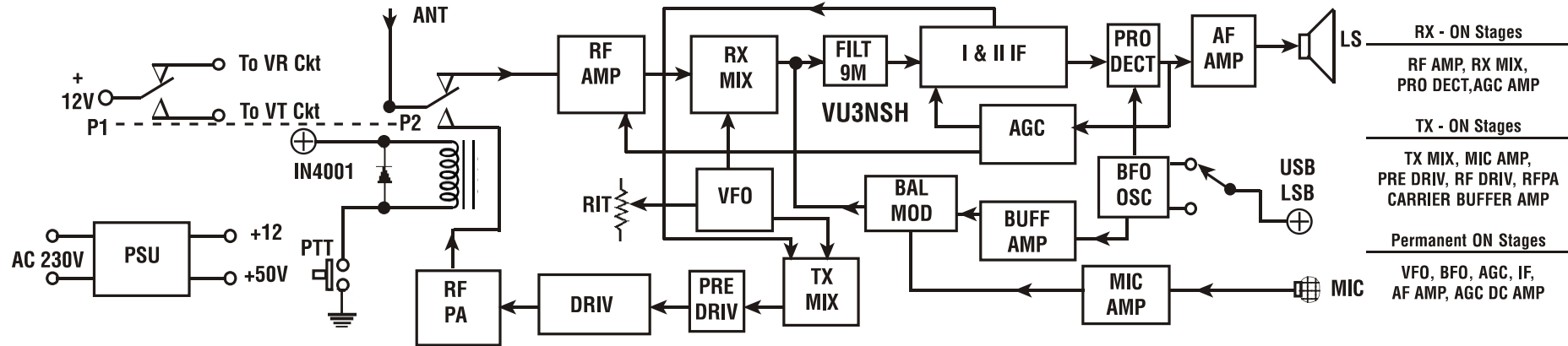


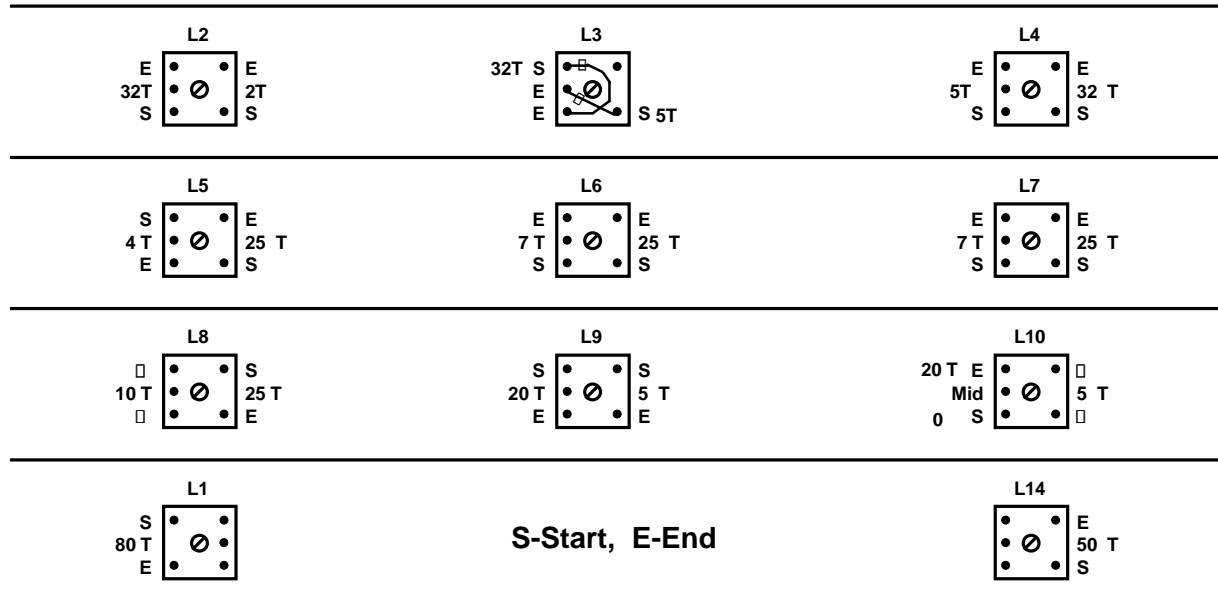
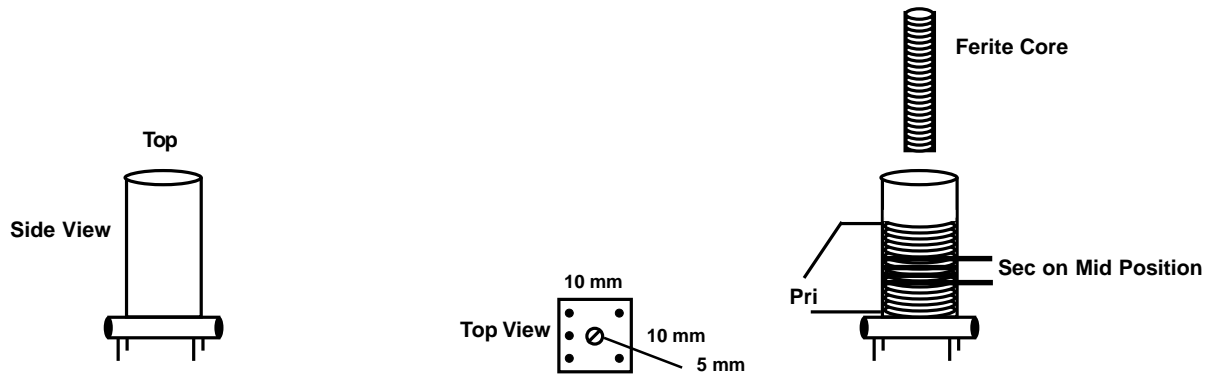


# RM96 BLOCK DIAGRAM



# RM 96 SSB TRANSCEIVER - COIL WINDING DATA

By N.S. Harisankar VU3NSH



All coils are closed winded, more turns at first and less turns at mid. In figure, Left and right pins positions as on PCB Top side. All coil winding wires is of 36 SWG. Above mentioned all coils are IFT type and 5mm coil former with 10mm square base and 5 pins and ferrite slug and can

For IFT formers, help may be available from VU2VIT, VU2SDN & VU2PTR.

# SHOPPING LIST FOR RM 96 HF TXVER

## PART- III

by N.S. Harisankar VU3NSH

<b>BPF &amp; RF Amp</b>		1k5 $\square$ $\frac{1}{4}$ W	1 Nos.	12 k $\square$ $\frac{1}{4}$ W	1 No.
L2, L3 & L4		BF494	2 Nos.	33 k $\square$ $\frac{1}{4}$ W	1 No.
100 PF - Styroflex	3 Nos.	1N4148	2 Nos.	47 k $\square$ / 500k $\square$	1+1 Nos.
4.7 PF or 5PF	1 No.			10 k Preset	1 No.
0.047 $\square$ F	2 Nos.	<b>Pro. Dect</b>			
0.01 $\square$ F	3 Nos.	0.047 $\square$ F	2 Nos.	741 IC	1 No.
10K $\square$ $\frac{1}{4}$ W	1 No.	0.001 $\square$ F	1 No.	1N4148	2 Nos.
1k8 $\square$ $\frac{1}{4}$ W	1 No.	0.1 $\square$ F	2 Nos.	2N2222	1 No.
3k9 $\square$ $\frac{1}{4}$ W	1 No.	0.0047 $\square$ F	1 No.	250 $\square$ A - VU meter	1 No.
4k7 $\square$ $\frac{1}{4}$ W	1 No.	10 $\square$ F 25V	1 No.	<b>BFO / OSC</b>	
220 $\square$ $\frac{1}{4}$ W	1 No.	1 $\square$ F 25V	1 No.	0.047 $\square$ F	1 No.
4k7 Pot, Lin	1 No.	22 k $\square$ $\frac{1}{4}$ W	1 No.	100PF-Styroflex	1 No.
BF494	2 Nos.	39 k $\square$ $\frac{1}{4}$ W	1 No.	47 PF-Styroflex	1 No.
<b>RX MIX &amp; Filter</b>		470 $\square$ $\frac{1}{4}$ W	1 No.	30 PF Trimmer	2 Nos.
L5		1 k $\square$ $\frac{1}{4}$ W	2 Nos.	100 PF	1 No.
100PF-Styroflex	1 No.	220k to 180k $\frac{1}{4}$ W	1 No.	120 $\square$ $\frac{1}{4}$ W	1 No.
0.047 $\square$ F	1 No.	BF 494	1 No.	10k $\square$ $\frac{1}{4}$ W	2 Nos.
0.01 $\square$ F	2 Nos.	BC 547	1 No.	4k7 $\square$ $\frac{1}{4}$ W	1 No.
0.001 $\square$ F	1 No.	<b>AF Amp</b>			
47 k $\square$ $\frac{1}{4}$ W	1 No.	33 $\square$ F 25V	1 No.	1k2 $\Omega$ $\frac{1}{4}$ W	2 Nos.
1 k $\square$ $\frac{1}{4}$ W	2 No.	100 $\square$ F 25V	2 Nos.	BF 494	1 No.
6 k8 $\square$ $\frac{1}{4}$ W	1 No.	0.01 $\square$ F	2 Nos.	1N4148	2 Nos.
470 $\square$ $\frac{1}{4}$ W	2 Nos.	0.001 $\square$ F	1 No.	LSB/USB Crystal	
BEL - SSB Filter 9MHZ		LM 380 IC	1 No.	BEL-9.0015&8.9985	1+1 Nos.
9 MHZ (BCF 1001)	1 No.	8 $\square$ 1W SP	1 No.	<b>VFO</b>	
BF494	1 No.	10k to 22k Pot.Log	1 No.	L1 & L 14	
<b>I &amp; II IF Amp</b>		<b>AGC</b>			
L6, L7		0.01 $\square$ F	1 No.	100 PF-Styroflex	1 No.
100 PF-Styroflex	2 Nos.	1 $\square$ F 25V	2 Nos.	470 PF-Styroflex	2 Nos.
0.047 $\square$ F	5 Nos.	10 $\square$ F 25 V	2 Nos.	1k PF-Styroflex	2 Nos.
0.01 $\square$ F	1 No.	1 k $\square$ $\frac{1}{4}$ W	2 Nos.	47 PF-Styroflex	1 No.
120 $\square$ $\frac{1}{4}$ W	2 Nos.	2 k2 $\square$ $\frac{1}{4}$ W	1 Nos.	3k9 PF-Styroflex	1 No.
3 k3 $\square$ $\frac{1}{4}$ W	2 Nos.	2 k7 $\square$ $\frac{1}{4}$ W	1 Nos.	0.1 $\square$ F	1 No.
1 k2 $\square$ $\frac{1}{4}$ W	2 Nos.	22 k $\square$ $\frac{1}{4}$ W	1 No.	100 $\square$ F 25 V	1 No.
3k9 $\square$ $\frac{1}{4}$ W	1 No.	820 k $\square$ $\frac{1}{4}$ W	1 No.	BC 549	3 Nos.
33k $\square$ $\frac{1}{4}$ W	1 No.	47 k $\square$ $\frac{1}{4}$ W	3 Nos.	10V-400mw Zener	1 No.
				120 $\square$ $\frac{1}{4}$ W	1 No.
				3k3 $\square$ $\frac{1}{4}$ W	1 No.
				2k2 $\square$ $\frac{1}{4}$ W	1 No.

