

February 4, 2007

MicroT2 Construction Notes – Kanga US Version

In no particular order –

The 1% resistors and matched .01uf caps are in a separate small plastic bag. The 1% resistors are blue.

R33 and R36 have been supplied as 10k trim pots. The article shows 5k.

R32 has been supplied as a 5.1k resistor. The article shows 7.5k

R10 has been supplied as 1.50k. The article shows 1.52k

The crystal and VXO variable capacitor are connected in series and attached to W4.

Diode D2 is included in the schematic in the article but not in the separate schematic. The separate schematic shows jumper jp3 in it's place. Insert D2 (observe the correct polarity) in place of jp3 on the layout.

Connect +12 volts to the following: W1, W6, W10

Connect +12v to W5 to generate a spot signal from the VXO. The "SPDT" label over W5 in the article schematic should be "SPOT".

I used twisted pairs of insulated hookup wire for interconnections between stages on the microT2. Small diameter coax can also be used. (W2 to W8 and W3 to W9).

A strip of header pins has been supplied with the kit that can be snapped or cut into the two and three pin headers used on the board (if you decide to use the headers) . A 4 pin female header has been supplied to use where the three pin connection is used for the mic (J2). You will need to cut off one of the pins.

The inductors L1,2,4, and 5 came from the factory unmarked. I put a black mark on the top of L4 and L5 so you can tell them apart from L1 and L2.

The 15uh molded rf chokes look like small green resistors.

You can use IC sockets to mount the IC's if you wish.