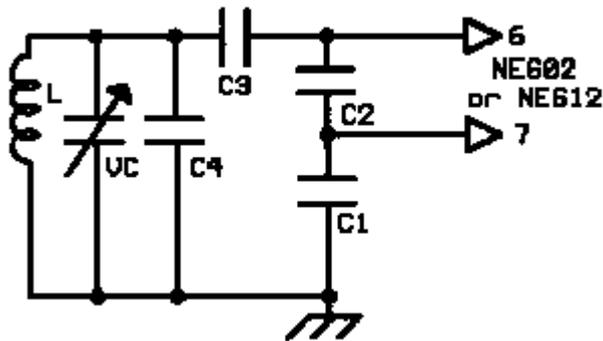


Values for the HF Bands based on Toko Inductors.



The circuit shows a typical Colpitts based VFO using an NE602 (or NE612) mixer.

The values below use Toko standard inductors to achieve a VFO for a range of amateur band.

BAND	L Toko Number	VC pF	C4 pF	C3 pF	C2 pF	C1 pF
1.8MHz	KANK3333	75	120	560	1000	1000
3.5MHz	KANK3334	75	100	560	1000	1000
7.0MHz	KXNK4173AO	25	47	270	560	560
10.1MHz	KANK3335	25	68	220	680	680
14.0MHz	KANK3335	25	68	68	220	220

These are "ball-park" figures based on the Sudden Receiver.

The compromise depends upon the available Toko inductor. These are slug tuned variable and it should be possible to move the frequency to the desired place.

Adjust of the ratio or VC and C4 may be required to obtain the appropriate amount of band coverage.

Although shown for an NE602/612 oscillator, these values should work with other Colpitts VFO circuits.