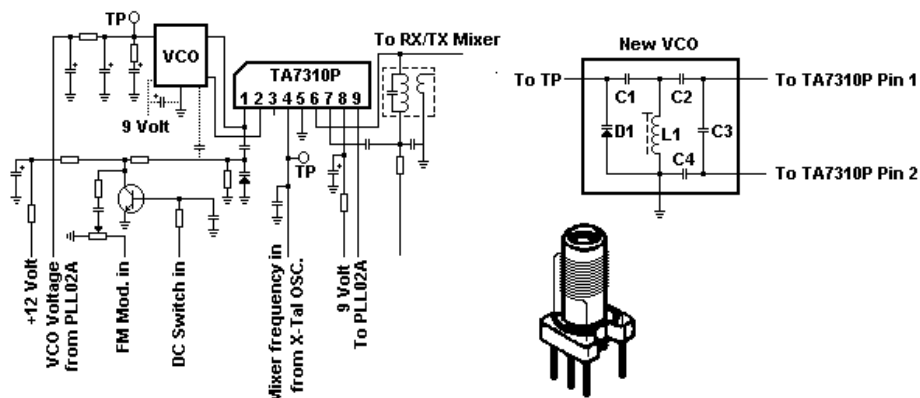


undefined
undefined

WINTransceiver

VCO-Block for CB-Radio



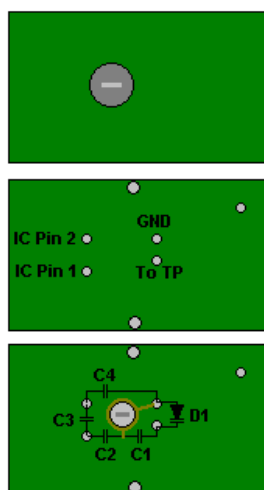
The VCO-Block is a part of the active oscillator in TA7310P. This will operate between 16MHz and 19MHz.

Output from TA7310P Pin 9 to PLL02A is: Mixer frequency - VCO frequency.

Output from TA7310P Pin 6 to Receiver/Transmitter Mixer is: Mixer frequency + VCO frequency.

The new "VCO-BLOCK" will operate between 14MHz and 21MHz, and will then cover 10-meter, 11-meter and 12-meter.

Top view



Components

D1 = BB156 (Phillips)

L1 = 5uH

C1 = 470pF

C2 = 470pF

C3 = 4,7pF

C4 = 12pF