



TD1: 1mA peak-current tunnel diode

TD2: 10mA peak-current tunnel diode

T1: 10mm, "IF Can," 16 turn inductor, 3.5 to 6uH, 2-turn secondary wound with #32 wire

T2: Ditto above, with 4-turn primary winding of #32 wire

Adj. T1 for >35mVpp at TD2. Press key and adjust T2 until TD2 frequency snaps into synchronization with exciter

Switch-off 1.9Vdc supply at R3 while receiving

"Synchrony"

An 80m CW Transmitter

de AA1TJ