Connect your NinoTNC to JNOS
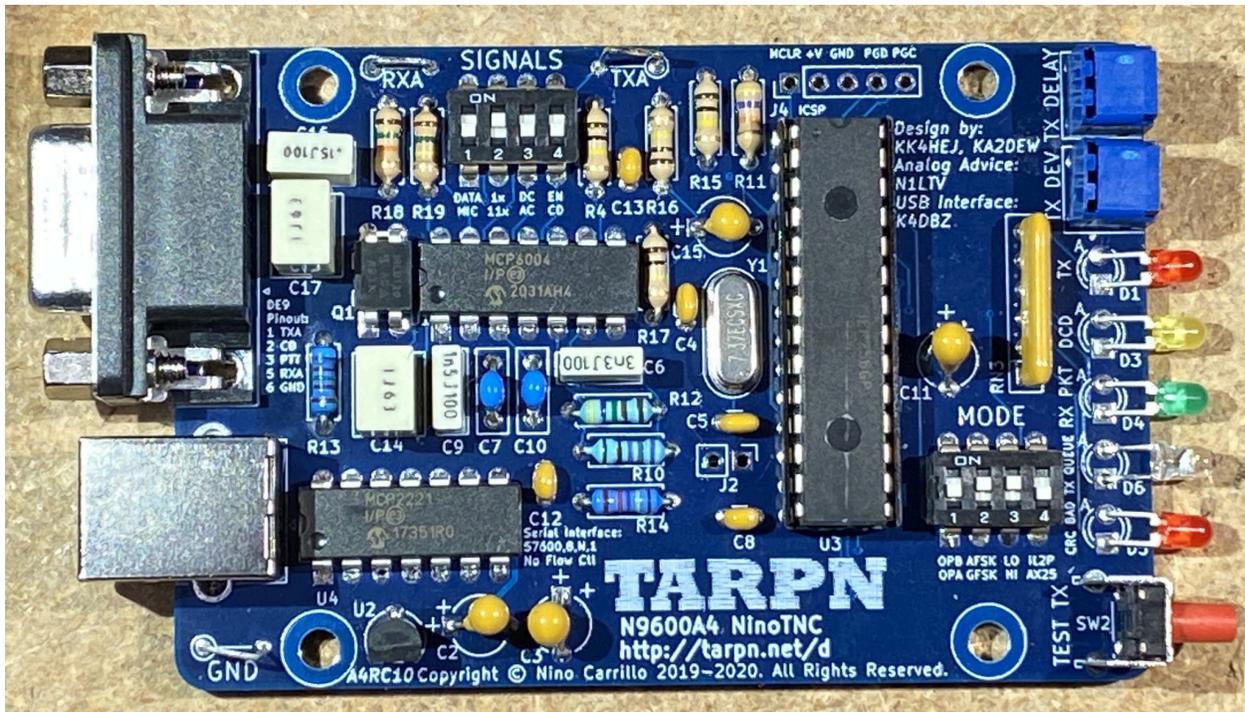
Introduction

JNOS connected to your NinoTNC makes a flexible IP over AX.25 enabled packet radio offering.

Assumptions

- A functioning NinoTNC
- Properly compiled version of JNOS supporting KISS
- Familiarity with the JNOS autoexec.nos configuration file

HowTo

Locate your autoexec.nos file and open it with an editor. Locate the section related to your current modem settings. Either replace the existing "attach" statement or add a new one in the following manner,

attach asy <io_addr> <vector> <mode> <label> <bufsize> <mtu> [<speed>] [<flags>]

Where <io_addr_> is the port, <vector> is not used in Linux (used to be 0x3f8 etc in DOS marking the hardware address of the serial port) - just put a line here, <mode> is ax25, <label> is the human name of the port (e.g. 2mtrs), <bufsize> is the size of the buffer allotted for packet storage, <mtu> is the Maximum Transmission Unit (the largest size of the outgoing packet), <speed> is the serial interface speed of the modem and <flags> are a in fact serial port timings. E.g.

attach asy ttyACM1 - ax25 2M 4096 256 57600 f128

You may need to fiddle with the flags setting value.