

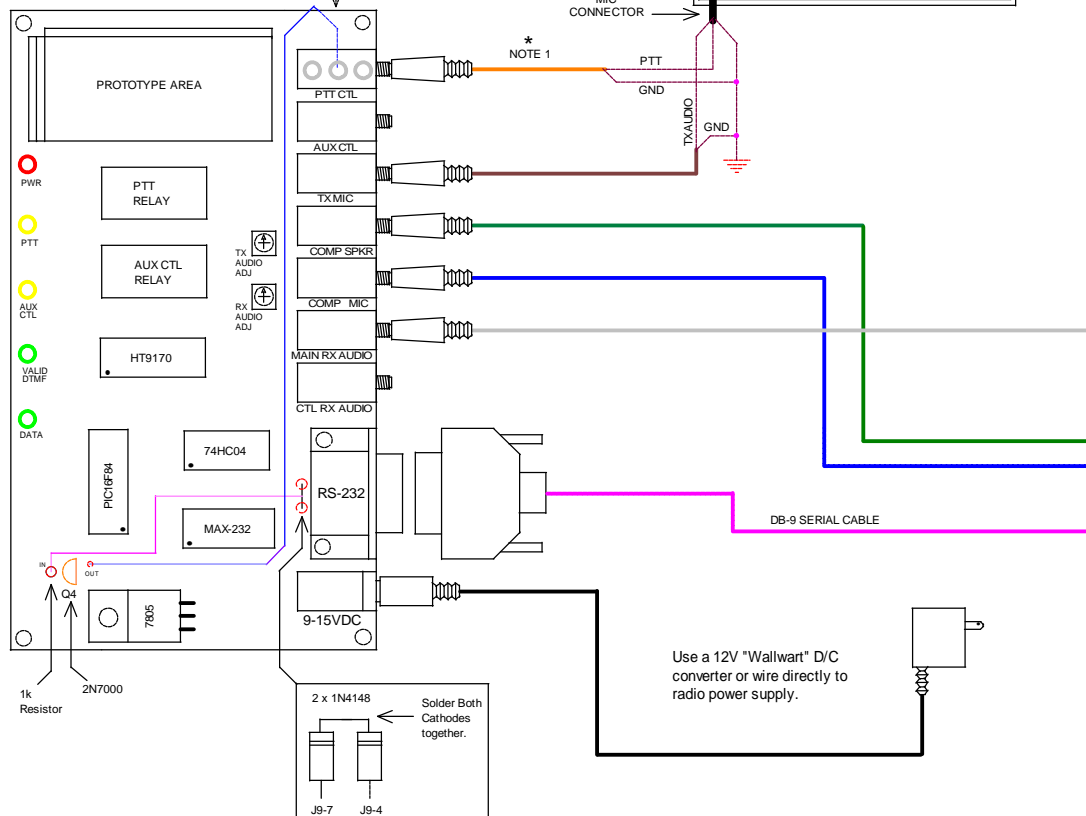
Use your VA3TO iLINK interface for PSK-31, RTTY, Baudot, CW etc. !!!

HF/VHF/UHF
TRANSCEIVER

SPKR OUT

VA3TO LINKING
INTERFACE
REV 2.0

Solder wire to middle
pin of J8 (underside).



(NOT TO SCALE)

Using the VA3TO v2.0 iLINK interface for Digital Modes:

1. Install a 2N7000 FET at Q4.
2. Solder the Anode ends of two 1N4148 or 1N914 diodes in at J9 pins 7 and 4 (1 diode in each hole). Connect the Cathodes of these two diodes together.
3. Solder one end of a 1k resistor into the "IN" hole beside Q4.
4. Solder a wire from the other end of the 4.7k resistor that is sticking up to the Cathodes of the two diodes that were installed in step 2.
5. Solder a wire from the "OUT" pad beside Q4 to the middle pad of PTT CTL connector J8 (underside).
6. Run your favorite Digital Mode software for PSK-31, RTTY, Baudot, CW etc.

NOTES:

1. For CW operation, use a cable with a 1/8" plug on one end (plug into PTT CTL) and a 1/4" jack on the other end (or the appropriate plug for the CW key jack of your rig).
2. This arrangement works well for most installations however in some cases where audio hum and/or ground looping are experienced, the use of audio isolation transformers and a keying opto-coupler is recommended.

For the purpose of clarity, transceiver power & antenna connections, and computer power & other peripheral connections are assumed.



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Digital Mode Interconnections for VA3TO v2.0			
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