



Technical Note TN-597
**Instruction for Modifying a
T201X Radio for
Fast PTT Response.**

2 November 1999

Applicability

This Technical Note only applies to the logic board assembly
IPN 220-01377-03.

1. Introduction.

What is Required.

T201x radios used in data applications require a faster Tx ramp up time than a standard radio. To speed up Tx response time from ~30mS to less than 20mS the radio must have custom s/ware (1834a114) programmed into an OTP and installed in the radio and also have a wire link between the lines - 'PTT-FRM-OPT' and 'AUX-ON/OFF'. The radio is then keyed using the 'PTT-FRM-OPT' line.

NOTE: It is planned for future releases of standard T201X firmware that the fast rise time firmware modifications be incorporated into main stream firmware. This does not mean that the AUX line will be used and be unavailable, another line may be sourced.

2. Modifications.

Details

- 1) Fit a length of self flux link wire (IPN 200-00010-13) between vias as shown in Fig.1 below.
- 2) Install 1834a114 CSG firmware.
- 3) If the logic board previously had the R714 position (i.e. using V2.05 firmware), move R714 to the R715 position to allow the software to work.

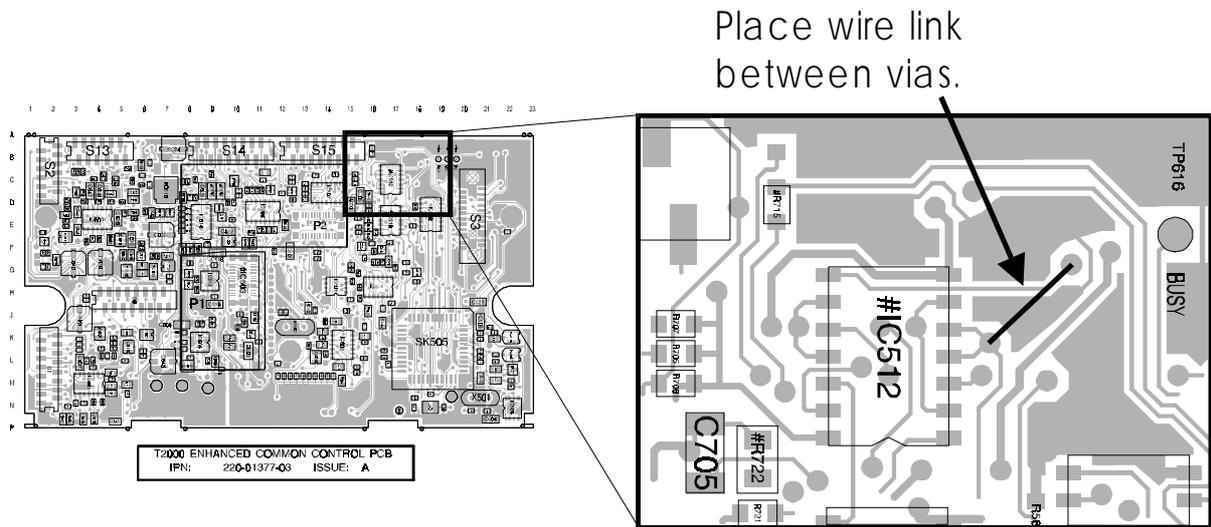


Fig. 1

3. Issuing authority

Name and position
of issuing officer

Barry Crates
Customer Support Engineer.