



# Technical Support

TECHNICAL NOTE

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Technical Note TN-920

## T2000 Trunked Logic Board with 'On Board' UART

15<sup>th</sup> September 2004

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### Applicability

Applies to the T2040, T2035 and T2030 Trunking Radios fitted with the logic board IPN: 220-65200-02.

This new logic board will only be used on radios that are dispatched from Tait Electronics Ltd (TEL) with the UART option fitted, i.e., where the last two digits end with the suffix x43, x48, x49 or x56.

Also applies to logic spares kits T2000-A832, T2000-A837 and T2000-A842.

## 1. Introduction

### Background

Due to the obsolescence of the 20 Pin SMD Connector IPN: 240-10000-10 located on the T2000-A66 (Location P1) that connects the logic board and the T2000-A66 (UART) Board, an alternative design was required.

The componentry and functionality of the T2000-A66 UART option has now been directly incorporated into a new Trunking Logic board IPN 220-65200-02.

The T2000-A66 will still be available for UART field upgrades to Trunking radios already fitted with the standard logic Board IPN: 220-01344-xx

Trunking Radios not requiring the UART option fitted ex TEL will be continue to be fitted with the standard Logic board IPN: 220-01344-xx

# 2. Changes

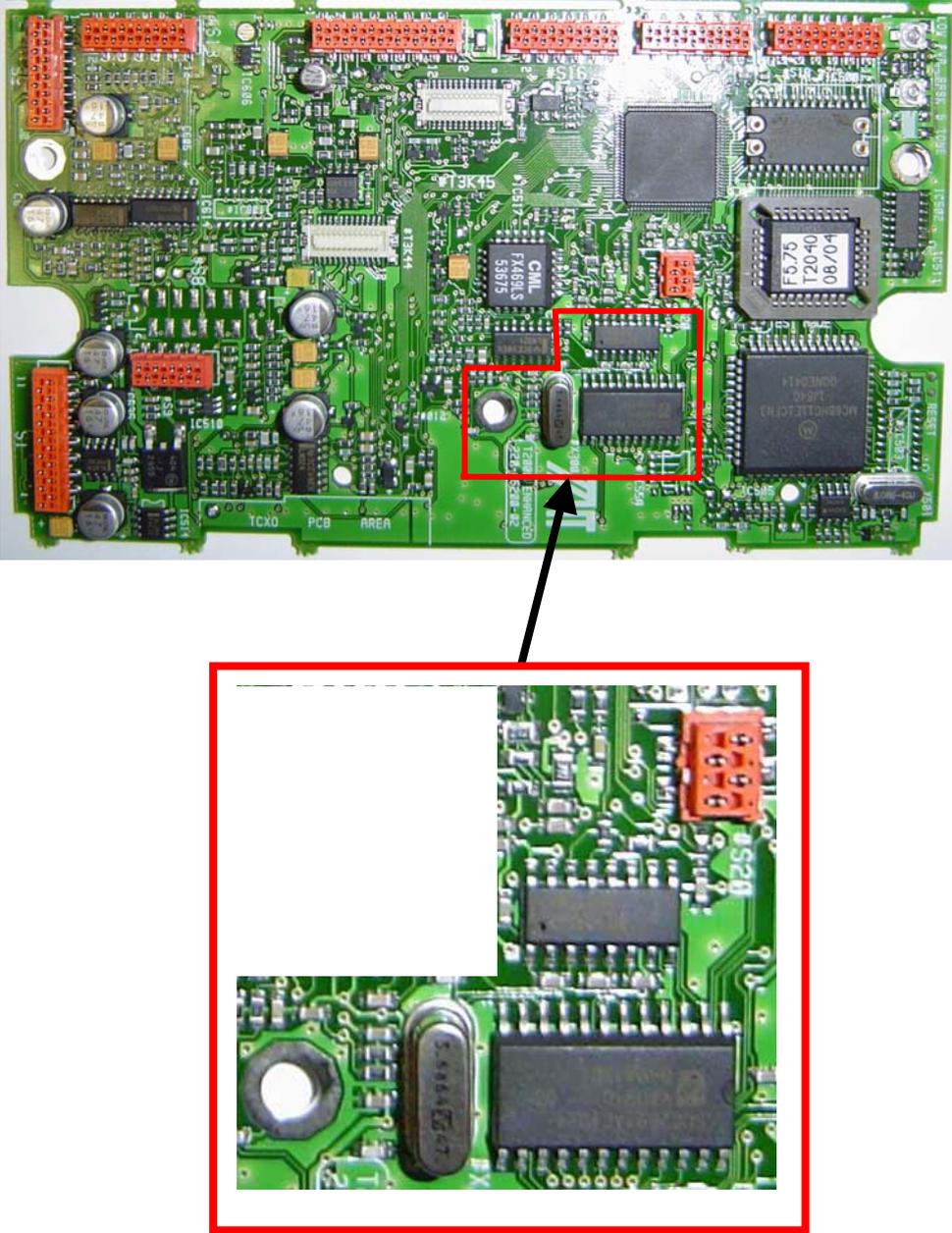
## Details

Figure 1. Highlights the area of Hardware changes along with an enlarged view of the area.

The components previously on the T2000-A66 UART option board have been fitted directly onto the logic board and the UART functionality is unchanged.

No Firmware changes have been undertaken for this Modification.

Figure 1.



**Compliance Issues** None

**CSO Instruction** **CSO's** – please inform all technical staff and dealers of this modification.

### 3. Issuing Authority

**Name and Position of Issuing Officer** Malcolm Brown  
Senior Technical Support Engineer

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**Distribution Level** Associate

**Document History** Original Release 15<sup>th</sup> September 2004 MJB