

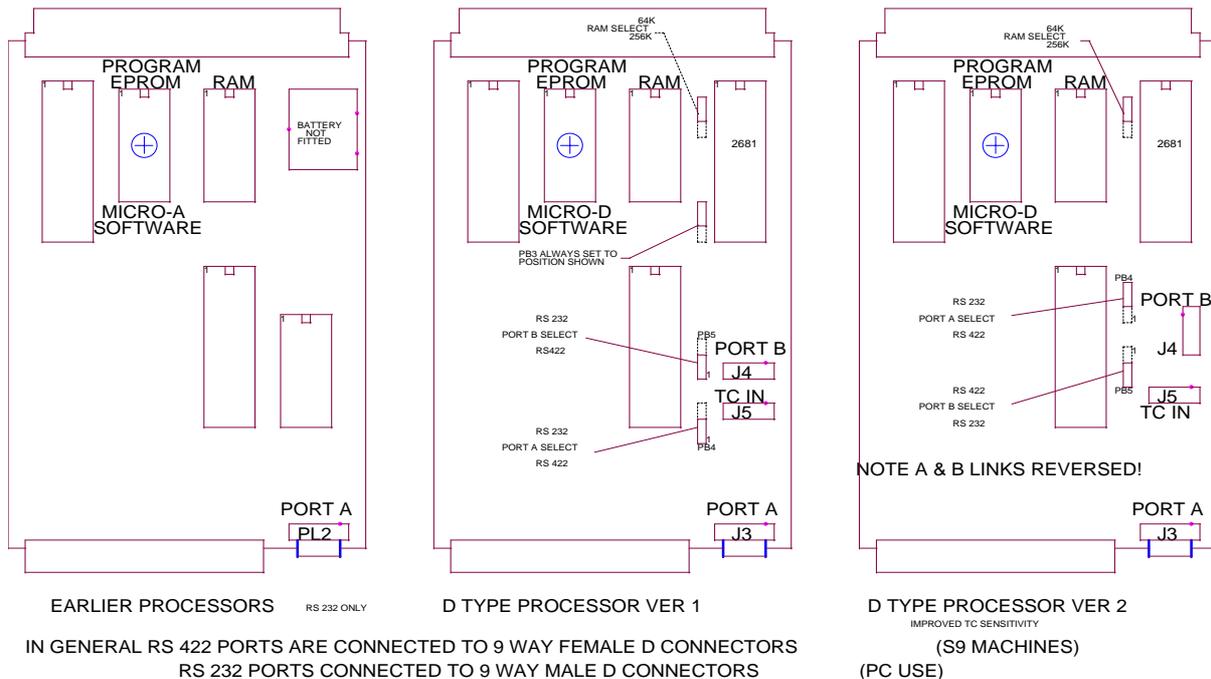
CB ELECTRONICS

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Installing EEPROM conversion card in Rack units

The EEPROM conversion PCB is fitted to the Micro card on units, there are three different version of micro card available as shown below.

PROCESSOR CARDS ARE FITTED IN THE CENTRE LOWER POSITION OF ANY CB UNIT



Earlier Processors

Known as Micro-A without a 2681 fitted it is not possible to fit the EEPROM and a new Micro PCB must be purchased.

D Type Processor version 1

Requires the track between U20 (SCN2681) pin 7 and U17 (DS3486) pin 13 to be cut. The Track is on the component side of the PCB, there is no need to re-connect this track if the EEPROM mod is removed!

D Type Processor version 2

Requires no modification to the Processor PCB.

Installation

- 1) Remove power from unit
- 2) Remove top cover
- 3) Remove any card obstructing access to the lower middle PCB.
- 4) Remove U20 SCN2681
- 5) If D type processor 1, remove and cut track
- 6) Insert EEPROM card into Socket U20, ensure that it is correctly oriented, note that the 24C02 fitted to the card is fitted the opposite way to all other IC's on this card.
- 7) Insert the SCN2681 into the socket on the top of the EEPROM Card.
- 8) Insert New Software.
- 9) Load factory defaults (See next page: Installing EEPROM Software for the first time)
- 10) Test the unit with the new software

With new software and the EEPROM correctly fitted the display will show Rd USEr after Hard Reset.

4. UNIT / EEPROM / VIDEO / SERIAL CONFIGURATION

CONFIGURATION SELECTION

The configuration of the unit is selected by first depressing the **SET** key so that the **SET** LED is illuminated then depress both <- and -> simultaneously to enable configuration selection. The first display allows you to select which configuration you wish to adjust **UNIT / EEPROM / VIDEO / SERIAL**. Make your selection and then depress <- and -> simultaneously to select.

4.000 EEPROM

The addition of an EEPROM to the system allows the user to select between three different settings as follows:

- 1) Current: Held in battery backed RAM destroyed when Read User or Read Factory is selected or a Hard Reset command.
- 2) User: Selected by Read User or a hard reset command
- 3) Factory: Selected by Read Factory

The EEPROM section of the set-up that determines the action to be taken on leaving Set-up as follows

NoUPdAtE No action

SAVE USR Write current user settings from Battery backed RAM to EEPROM

LOAd USR Write saved settings from EEPROM to Battery backed RAM

LOAd FAC Write Factory Default settings to Battery backed RAM

Units shipped after December 2002 have the EEPROM fitted by default, older units can be updated by a plug in PCB and new software.

Installing EEPROM Software for the first time

When new software is installed where it is necessary to initialise user setup in the EEPROM as follows:-

- i) Select the EEPROM Menu
- ii) Select **LOAd FAC**.
- iii) Exit setup.
- iv) Select the EEPROM Menu
- v) Select **SAVE USR**
- vi) Exit Setup