

MODIFICATION TO PREVENT MICRO LOCKUP ON AR3000A

Should you experience frequent microprocessor lockups on the AR3000A receiver due to microprocessor runaway, the following modification may be implemented:

- R50 Add a 470k carbon resistor to the point indicated on the accompanying PCB layout
- R51 Add a 470k carbon resistor to the point indicated on the accompanying PCB layout
- R49 Add a 470k chip resistor to the point indicated on the accompanying PCB layout
- R52 Add a 470k chip resistor to the point indicated on the accompanying PCB layout. You will first need to remove the black bleeder unit by de-soldering the two connections from the LCD side of the PCB.

These additions have now been incorporated into production.

Note:

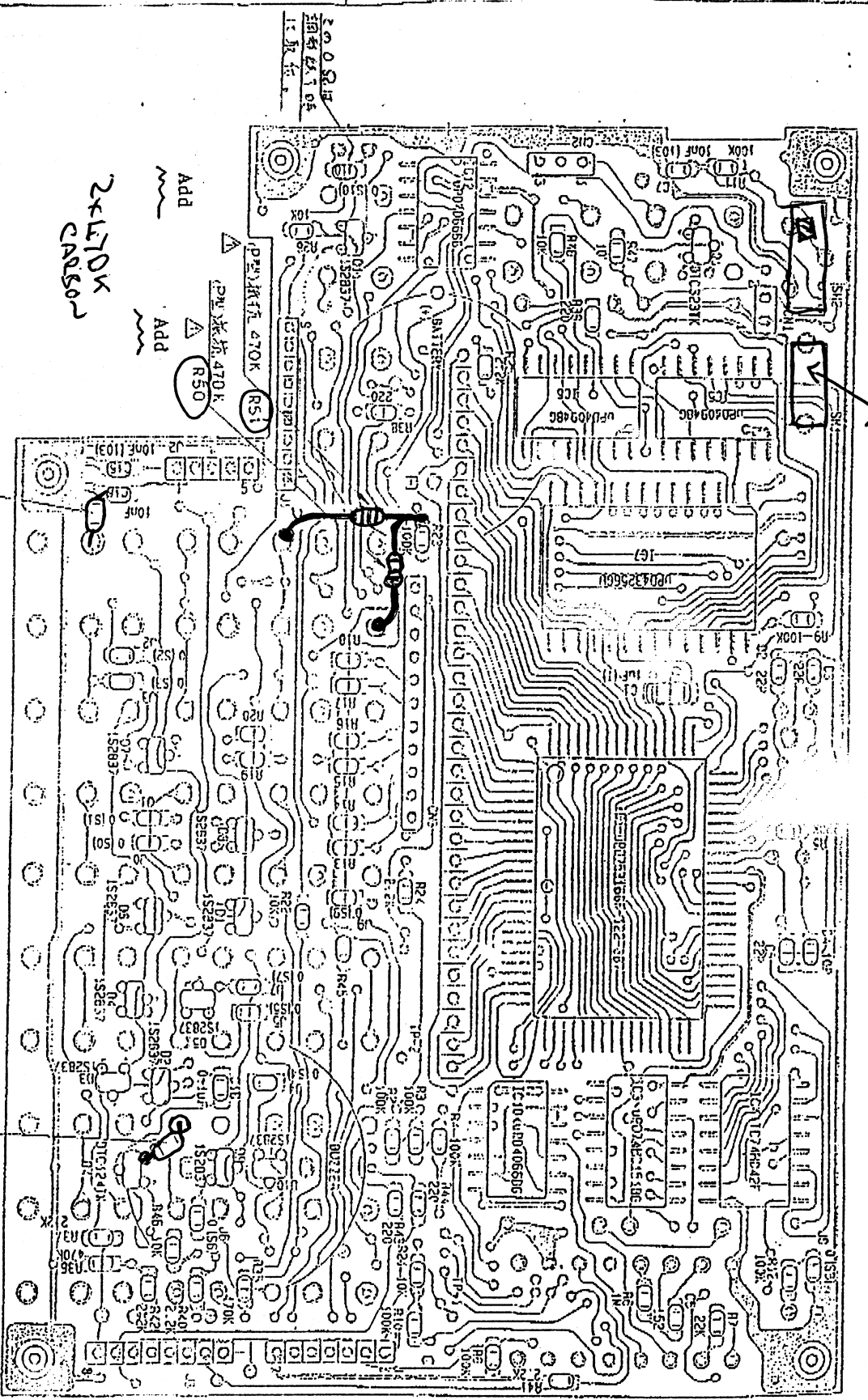
Pressing the [3] key while switching the receiver on resets the microprocessor and clock but leaves the memory contents intact.

Pressing both the [3] and [6] keys simultaneously while switching on the receiver resets the microprocessor and clears the memory contents.

If the microprocessor has completely stopped and is incapable of scanning the keypad, you will need to press the hardware RESET switch located on the microprocessor PCB.

Memory bank number one is filled with factory default frequencies when the microprocessor is reset, all other banks will be blank.

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RESET

2xL70K
CARSON

2xL70K
CHIP L70K
R49 Ready on the board

2xL70K
CHIP L70K
R52

Modification for lock-up problem
MICO BOARD R23000A

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