

SUPERSOFT

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INSTALLING THE BASIC 2+4 BOARD

These instructions are for dynamic RAM computers only, with 24-pin Rom sockets.

Remove the existing BASIC chips from sockets UD6, 7, 8, 9 and also from UD5 if there is a chip there.

Plug the BASIC 2+4 board into any of the ROM sockets, with the notches on the chips towards the front of the computer. Make sure that you do not bend or break the pins on the plug.

Connect the cable connector to pins 14 to 23 of the memory expansion connector J9 (back right). Connect to the left-hand set of pins. There should be no connection to pin 23 of the memory expansion connector.

Switch the computer on. It should power up as a BASIC 4 machine. Type SYS 65520 to switch from BASIC 4 to BASIC 2 or back again. Any program in memory will be lost.

If the computer fails to power-up, or displays a screenful of garbage, switch off at once and recheck the installation.

BASIC 2.0 ROMs :-

| Address Range | Chip Part Number |
|------------------------------|------------------|
| \$C000 - CFFF | MOSTEK 901465-01 |
| \$D000 - DFFF | 901465-02 |
| \$E000 - E7FF | 901447-24 |
| \$F000 - FFFF | 901465-03 |
| (\$B000 - B7FF) | TOOLKIT(2K)EPROM |

Board connector :-

Wirecodes :-

| Pin | Wirecode | Function |
|-----------------------------|----------|----------|
| J9 (Pin 14) | Brown | = BA12 |
| Addresses (MS4K slots) ~ 15 | Red | = BA13 |
| " 16 | Orange | = BA14 |
| " 17 | Yellow | = BA15 |
| Clock ~ 21 | Green | = Bφ2 |
| Read/Write ~ 22 | Blue | = BR/W |

(N/C Pins 18, 19, 20, 23)

| Label | Capacity | Address Range | Function |
|-------|------------|---------------|--|
| "B2" | 16Kx8 PROM | \$0000 - 07FF | = BASIC 4.0 \$E000 - E7FF |
| | | \$0800 - 0FFF | = BASIC 2.0 \$E000 - E7FF |
| | | \$1000 - 2FFF | = " " \$C000 - DFFF |
| | | \$3000 - 3FFF | = " " \$F000 - FFFF (FFFO-FFFF additional vectors) |
| "B4" | 16Kx8 PROM | \$0000 - 2FFF | = BASIC 4.0 \$B000 - DFFF |
| | | \$3000 - 3FFF | = " " \$F000 - FFFF (FFFO additional vectors) |
| "004" | 8Kx8 PROM | | driver ? |

00A87 → E2865
 0200 → E3D6 0BD6

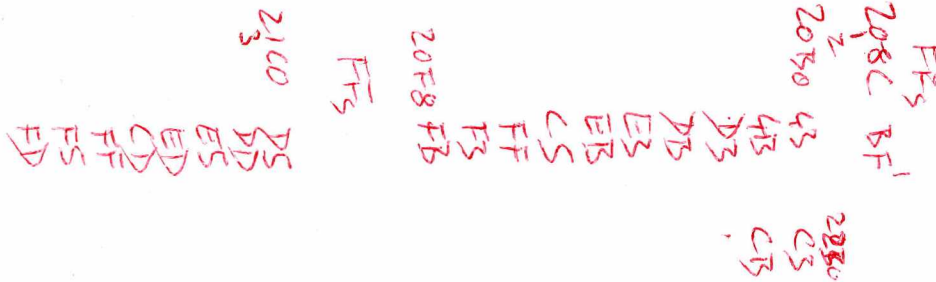
0800 → E000
 -0FFF → ~~E7FF~~ E7FF

1000 → C000
 -2FFF → DFFF

3000 → F000
 -3FFF → FFFF (5FFF-5FFF additional vectors)

0000 - 07FF = BASIC 4.0 \$E000 - E7FF

0EEF Rec. 800 RAM = \$20



B2
 16Kx8
 0000 - 07FF = BASIC 4.0 \$E000 - E7FF CS \$3752
 0800 - 0FFF = BASIC 2.0 \$E000 - E7FF
 1000 - 2FFF = " " \$C000 - DFFF
 3000 - 3FFF = " " \$F000 - FFFF (5FFF-5FFF additional vectors)

B4
 16Kx8
 0000 - 2FFF = BASIC 4.0 \$B000 - DFFF
 3000 - 3FFF = " " \$F000 - FFFF (5FFF add vectors?)