

Refer to Faxback Doc.# 1697 for layout of Main Logic Board.

Memory Chip Kits:

256K SIMMS

√25-5135 consists of two 256K x 9 SIMMS at 80 nanoseconds.

1MB SIMMS

25-5137 consists of two 1MB x 9 SIMMS at 70 nanoseconds.

4MB SIMMS

√25-5136 consists of two 4MB x 9 SIMMS at 60 nanoseconds. This item is available through Tandy National Parts. Contact your local Radio Shack to order this special item.

√ = Discontinued Radio Shack product.

4825SX - To expand from 4MB:	
Add to the Main Logic Board	
5MB	(2) 25-5135
8MB	(2) 25-5137
20MB	(2) 25-5136
32MB	(4) 25-5136 remove (4) 1MB SIMMS in Bank 0

INSTALLING ADDITIONAL MEMORY

You can increase internal memory from its standard 4MB to as much as 32MB by installing SIMMS, circuit boards containing RAM (Random Access Memory) chips. SIMM boards are available in three densities; each board can contain 256KB, 1MB, or 4MB of RAM. SIMMS insert into sockets located on the main logic board, or on a memory expansion board designed for SIMMS.

NOTE: The computer requires SIMMS rated at 80ns or faster.

MEMORY CONFIGURATIONS

Before installing additional memory, determine how much memory you need. Then, consult the following table to determine the type and number of SIMMS necessary to achieve that amount. For example, if you want a total of 5MB of memory, you should add 1MB to the standard configuration of 4MB.

Keep these points in mind:

° Install the same type of SIMMS within a bank. Don't mix SIMMS in one bank. The main logic board has 4MB of memory. Four empty SIMM sockets (Bank 1) are

available for additional memory. You can install 80ns SIMMs in these sockets.

° Install the SIMMs as described in your SIMM kit installation guide. If you install 256KB SIMMs, you must remove them if you later chose to upgrade to 8MB, 20MB, or 32MB.

SIMM CONFIGURATION

Memory Amount	Bank 0	Bank 1
5MB	(4) 1MB SIMMS	(4) 256K SIMMS
8MB	(4) 1MB SIMMS	(4) 1MB SIMMS
20MB	(4) 1MB SIMMS	(4) 4MB SIMMS
32MB	(4) 4MB SIMMS	(4) 4MB SIMMS

After installing the SIMMs, run the setup utility. The setup utility completes the installation by ensuring that the new memory is recognized in the system. Faxback Document # 1685 will provide instructions for using the SETUP482 utility.

(rjs-05/25/93)