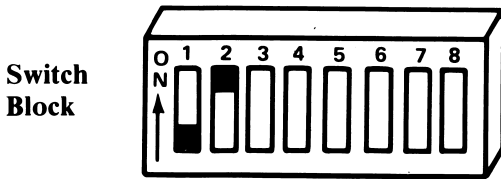# Switch Setting Charts

System Board Switch Settings

The switches on the system board are set as shown in the following figure. These settings are necessary for the system to address the attached components, and to specify the amount of memory installed on the system board.

WARNING: Before you change any switch settings, make a note of how the switches are presently set.

Switch Block

Switch	Function
1	Normal operation must be Off
2	Coprocessor.
3-4	Amount of memory on the system board.
5-6	Type of display you are using.
7-8	Number of 5-1/4 inch diskette drives installed.

System Board Memory Switch Settings

The following figure shows the settings for switches 3 and 4 for the amount of memory on the system board.
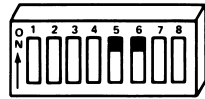
128K

192K

256K
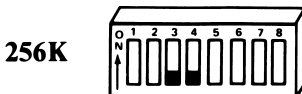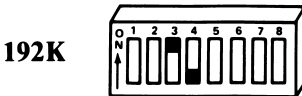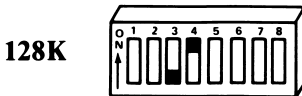
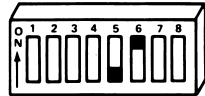# Number of 5-1/4 Inch Diskette Drives Installed

1 Drive

2 Drives
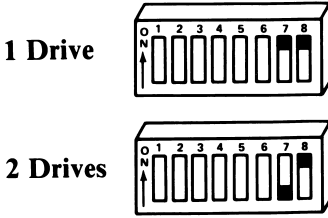
Type(s) of Display(s) Connected

WARNING: If an IBM Monochrome Display is connected to your system, switches 5 and 6 must always be Off. Damage to your display can result with any other switch settings.
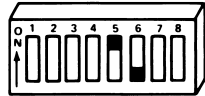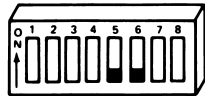
No Display

IBM Color Display or other color display in the 40x25 Color mode

IBM Color Display or other color display in the 80x25 Color mode

IBM Monochrome Display or more than one display

Note: The 40x25 mode means that there will be 40 characters across the screen and 25 lines down the screen. The 40x25 is normally used with a home television. The 80x25 mode means there will be 80 characters across the screen and 25 lines down the screen. The 80x25 mode, when used with home televisions and various displays, can cause loss of character quality.

Coprocessor

With Coprocessor
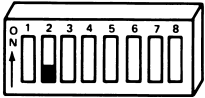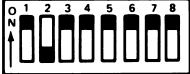
Without Coprocessor
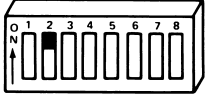
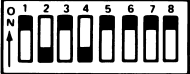# Memory Option Switch Settings

288K Total Memory
32K + (256K on System Board)
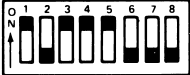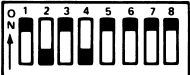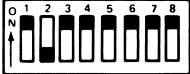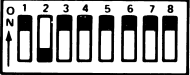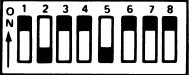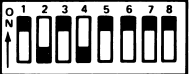
	64/256K Options	64K Options	32K Options
1-32K option			

320K Total Memory
64K + (256K on System Board)

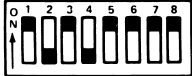|	64/256K Options	64K Options	32K Options
1-64/256K option with 64K installed			
1-64K option			
2-32K options			
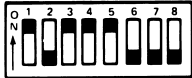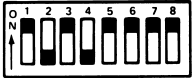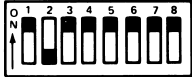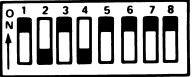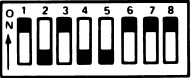
Memory Option Switch Settings

352K Total Memory
96K + (256K on System Board)

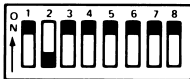|	64/256K Options	64K Options	32K Options
1-64/256K option with 64K installed 1-32K option	[switch diagram]		[switch diagram]
1-64K option 1-32K option		[switch diagram]	[switch diagram]
3-32K options			[switch diagram] [switch diagram] [switch diagram]

Memory Option Switch Settings
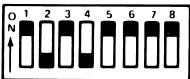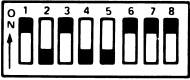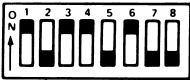
384K Total Memory
128K + (256K on System Board)

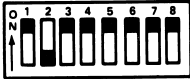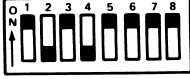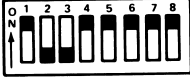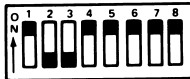|	64/256K Options	64K Options	32K Options
1-64/256K option with 64K installed 1-64K option			
2-64K options		 	
1-64/256K option with 64K installed 2-32K options			

CONTINUED
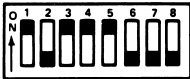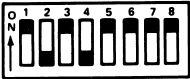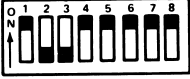
Memory Option Switch Settings

384K Total Memory (continued)
128K + (256K on System Board)

	64/256K Options	64K Options	32K Options
1-64K option 2-32K options		ON ↑ 1 2 3 4 5 6 7 8	ON ↑ 1 2 3 4 5 6 7 8 ON ↑ 1 2 3 4 5 6 7 8
1-64/256K option with 128K installed	ON ↑ 1 2 3 4 5 6 7 8		

Memory Option Switch Settings

416K Total Memory
160K + (256K on System Board)

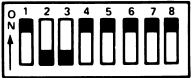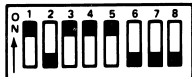|	64/256K Options	64K Options	32K Options
1-64/256K option with 64K installed 1-64K option 1-32K option	*[switch setting]*	*[switch setting]*	*[switch setting]*
2-64K options 1-32K option		*[switch setting]* *[switch setting]*	*[switch setting]*
1-64/256K option with 128K installed 1-32K option	*[switch setting]*		*[switch setting]*

Memory Option Switch Settings

448K Total Memory
192K + (256K on System Board)
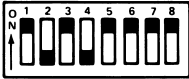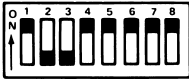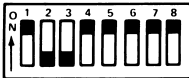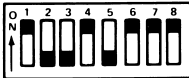
	64/256K Options	64K Options	32K Options
1-64/256K option with 192K installed			
1-64/256K option with 128K installed 1-64K option			
1-64/256K option with 64K installed 2-64K options		 	

CONTINUED

Memory Option Switch Settings

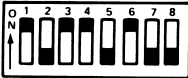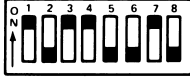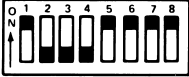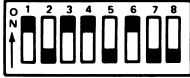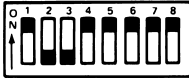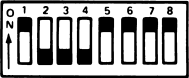**448K Total Memory** (continued)
192K + (256K on System Board)

	64/256K Options	64K Options	32K Options
3-64K options		(three switch diagrams)	
1-64/256K option with 128K installed 2-32K options	(one switch diagram)		(two switch diagrams)
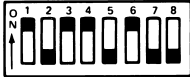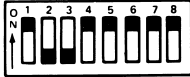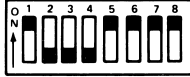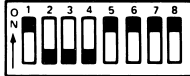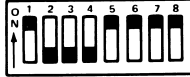
Memory Option Switch Settings

480K Total Memory
224K + (256K on System Board)

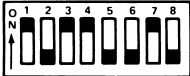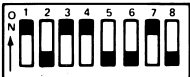|	64/256K Options	64K Options	32K Options
1-64/256K option with 192K installed 1-32K option	[switch setting]		[switch setting]
1-64/256K option with 128K installed 1-64K option 1-32K option	[switch setting]	[switch setting]	[switch setting]
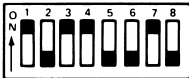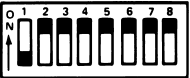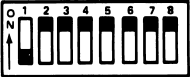
Memory Option Switch Settings

512K Total Memory
256K + (256K on System Board)

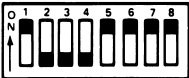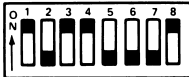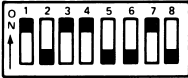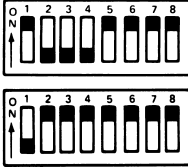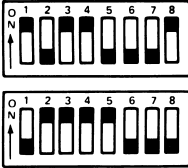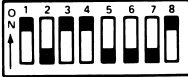|	64/256K Options	64K Options	32K Options
1-64/256K option with 128K installed 2-64K options			
1-64/256K option with 192K installed 1-64K option			
1-64/256K option with 192K installed 2-32K options			
1-64/256K option with 256K installed			
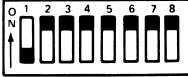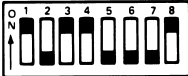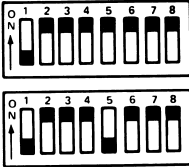
Memory Option Switch Settings

544K Total Memory
288K + (256K on System Board)

	64/256K Options	64K Options	32K Options
1-64/256K option with 192K installed 1-64K option 1-32K option			
1-64/256K option with 256K installed 1-32K option			
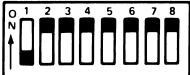
Memory Option Switch Settings

576K Total Memory
320K + (256K on System Board)

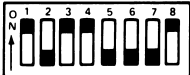|	64/256K Options	64K Options	32K Options
1-64/256K option with 192K installed 2-64K options			
1-64/256K option with 256K installed 1-64/256K option with 64K installed			
1-64/256K option with 256K installed 1-64K option			
1-64/256K option with 256K installed 2-32K options			
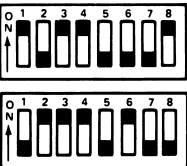
Memory Option Switch Settings

608K Total Memory
352K + (256K on System Board)

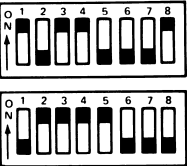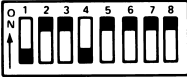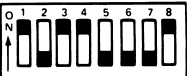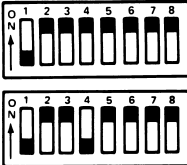|	64/256K Options	64K Options	32K Options
1-64/256K option with 256K installed 1-64/256K option with 64K installed 1-32K option			
1-64/256K option with 256K installed 1-64K option 1-32K option			

Memory Option Switch Settings
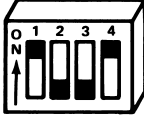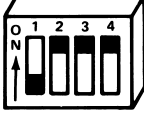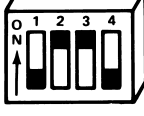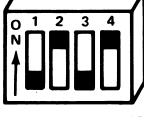
640K Total Memory
384K + (256K on System Board)

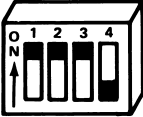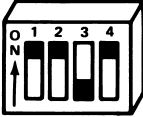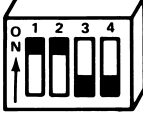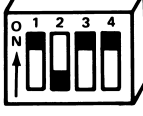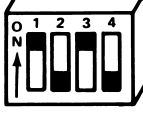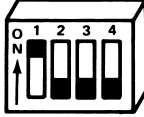|	64/256K Options	64K Options	32K Options
1-64/256K option with 256K installed 1-64/256K option with 64K installed 1-64K option			
1-64/256K option with 256K installed 2-64K options			
1-64/256K option with 256K installed 1-64/256K option with 128K installed			

Extender Card Switch Settings

16K to 64K	ON 1 2 3 4
96K to 128K	ON 1 2 3 4
160K to 192K	ON 1 2 3 4
224K to 256K	ON 1 2 3 4
288K to 320K	ON 1 2 3 4

352K to 384K	ON 1 2 3 4
416K to 448K	ON 1 2 3 4
480K to 512K	ON 1 2 3 4
544K to 576K	ON 1 2 3 4
608K to 640K	ON 1 2 3 4

Notes: