6502 MEMORY MAP

16K HI SYSTEM ROM OR CART ROM

SCOOO - SFFFF

BASIC / MONITOR OR CART

8K LO SYSTEM ROM

\$A000 - \$BFFF

KERNAL ROUTINES

8K IO

\$8000 - \$9FFF

32K SYSTEM RAM

\$0000 - \$7FFF

10*

\$9000 | 108 | VIDEO CARD OR VGA CARD

\$9800 | 10 7 | SOUND CARD

\$9400 | 10 6 | GPIO CARD OR INPUT BOARD

\$9000 | 10 5 | SERIAL CARD

\$8COO | IO 4 | STORAGE CARD

\$8800 | 10 3 | RTC CARD

\$8400 | 10 2 | UNUSED OR EMULATOR

\$8000 | 10 1 | UNUSED OR LCD CARD

* TYPICAL SETUP

PORT A: KEYBOARD

PORT B: JOYSTICK

\$0800 - \$7FFF | PROGRAM RAM

\$0400 - \$07FF | USER VARS

\$0300 - \$03FF | BASIC / KERNAL VARS

\$0200 - \$02FF | INPUT BUFFER

\$0100 - \$01FF | ACCUMULATOR STACK

\$0000 - \$00FF | ZERO PAGE