6502 MEMORY MAP

16K HI SYSTEM ROM OR CART ROM

$C000 - $FFFF

BASIC / MONITOR OR CART

8K LO SYSTEM ROM

$A000 - $BFFF

KERNAL ROUTINES

8K IO

$8000 - $9FFF

32K SYSTEM RAM

$0000 - $7FFF

IO

$9C00 | IO 8 | VIDEO CARD OR VGA CARD
$9800 | IO 7 | SOUND CARD
$9400 | IO 6 | GPIO CARD OR INPUT BOARD
$9000 | IO 5 | SERIAL CARD
$8C00 | IO 4 | STORAGE CARD
$8800 | IO 3 | UNUSED
$8400 | IO 2 | UNUSED OR PI CARD
$8000 | IO 1 | UNUSED OR LCD CARD