

PRHEX, \$FDE3

PRHEX prints the lower nibble of the byte in the accumulator as a single hexadecimal digit. On return, the contents of the accumulator are scrambled.

PRNTAX, \$F941

PRNTAX prints the contents of the A and X registers as a four-digit hexadecimal value. The accumulator contains the first byte printed, and the X register contains the second. On return, the contents of the accumulator are scrambled.

SCRN, \$F871

SCRN returns the color value of a single block on the low-resolution display. Call it with the vertical position of the block in the accumulator and the horizontal position in the Y register. The block's color is returned in the accumulator. No other registers are changed.

SETCOL, \$F864

SETCOL sets the color used for plotting in low-resolution graphics to the value passed in the accumulator. The colors and their values are listed in Table 2-6.

VTABZ, \$FC24

VTABZ sets the cursor vertical position. Unlike setting the position at location \$25, change of cursor position doesn't wait until a carriage return character has been sent.

VLINE, \$F828

VLINE draws a vertical line of blocks of the color set by SETCOL on the low-resolution display. Call VLINE with the horizontal coordinate of the line in the Y register, the top vertical coordinate in the accumulator, and the bottom vertical coordinate in location \$2D. VLINE returns with the accumulator scrambled

I/O firmware support

Apple IIe video firmware conforms to the I/O firmware protocol of Apple II Pascal 1.1. However, it does not support windows other than the full 80-by-24 window in 80-column mode, and the full 40-by-24 window in 40-column mode. The video protocol table is shown in Table 3-9.