



Tech Info Library

Applesoft: Using the monitor MOVE Routine

Revised: 11/7/84
Security: Everyone

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The MOVE subroutine in the monitor will not work directly from an Applesoft CALL because Applesoft doesn't assure the presence of a zero in the 6502's Y register and the MOVE subroutine must have the zero there to work. Here is a program that shows a way around this problem:

```
10 DEF FN M(X) = X - INT (X/256) * 256
20 POKE 768,160                (LDY #0 )
30 POKE 769,0
40 POKE 770,76                (JMP MOVE)
50 POKE 771,44
60 POKE 772,254
100 REM DO THE MOVE
110 START = 20000             Start of memory to be moved
120 QUIT = 21000             End of memory to be moved
130 DEST = 30000             Start of destination
140 POKE 60, FN M(START)
150 POKE 61, START / 256
160 POKE 62, FN M(QUIT)
170 POKE 63, END / 256
180 POKE 66, FN M(DEST)
190 POKE 67, DEST / 256
200 CALL 768
```

Apple Tech Notes

Tech Info Library Article Number:97