



Tech Info Library

Applesoft: Using the monitor MOVE Routine

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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

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