



# Tech Info Library

## Apple Personal Modem: Setting registers from Applesoft BASIC

Revised: 8/27/86  
Security: Everyone

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To set the registers on the Apple Personal Modem from Applesoft BASIC, use this program, based on a program that sends custom characters to ImageWriters. Line 60 contains the machine language program that downloads commands. Line 70 contains the ASCII codes for the command string.

Line 70 of this particular example makes the program set the S0 register to 255 by sending the string `ATS0=255 <RETURN>`, a return the APM must have to accept the command string in all cases.

```
10 D$=CHR$(4)
20 FOR I= 768 TO 773: READ J : POKE I,J : NEXT I
30 PRINT D$;"PR#2"
40 FOR I = 1 TO 9: READ J : POKE 769,J : CALL 768 : NEXT I
50 PRINT D$;"PR#0"
60 DATA 169,4,76,237,253,96
65 REM ENTER COMMANDS IN LINE 70 AS ASCII CODES
66 REM BE SURE FOLLOW COMMAND STRING WITH A RETURN (ASCII 13)
70 DATA 65,84,83,48,61,50,53,53,13
```

Refer to the APM manual and the ASCII code chart for more information.

Apple Technical Communications

Tech Info Library Article Number:2027