

Beep Control

A toggle for the HP-28S beep

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BPSET · beep

THE MANUAL

This program is used to toggle the HP28S beep function. By executing this program the beep (sound) on the 28S will either be turned on or turned off depending on what it was prior to the program being executed. BPSET also displays a message informing the user of the current beep setting.

THE PROGRAMS

```
BPSET
« IF 51 FS?
  THEN 51 CF "  * * BEEP ON * * " 4 DISP .2 WAIT CLMF
  ELSE 51 SF "  * * BEEP OFF * * " 4 DISP .2 WAIT CLMF
  END
»

beep
« IF 51 FS?
  THEN 51 CF "ON"
  ELSE 51 SF "OFF"
  END # 1BB44h SYSEVAL
»
```

NOTES ON THIS EDITION

1. System flag 51 is the 28S's beep-suppress flag. FS? tests it, CF and SF clear and set it — the whole program is one flag and a message.
2. A second, tighter version is written by hand beside the printed one, under the label beep. It drops the display code and hands the “ON”/“OFF” string straight to a ROM entry point at #1BB44h. Something immediately before that address is struck out on the page.

The notebook is the manuscript — handwritten, photocopied, and reproduced exactly as scanned at michaelmorrison.com/downloads/hp28s/beep-control-notebook.pdf. This is the edited edition. The wording and the voice are the manuscript's and the program listings are unaltered; where the prose has been corrected, the notes above say what was changed, so the two can be held against each other.