

```

10 MODE 2:INPUT"FRECUENCIA(HZ)",FREQ:P=FREQ/
DUND(125000/FREQ):IF P>4095 OR P<4 THEN
10
20 MODE 2:INPUT"DURACION DEL SONIDO (1/1
00THS SEGUNDO) ",DOT:IF DOT<1 OR DOT>200
THEN 20 ELSE DASH=DOT*3
30 DIM MC(58):FOR A=0 TO 58:READ MC(A):N
EXT:MODE 2
40 INPUT ">",LIN$:FOR AA=1 TO LEN(LIN$)
:I#=MID$(LIN$,AA,1)
50 I#=UPPER$(I#):IS=ASC(I#):IF IS<32 OR
IS>90 THEN I#=CHR$(32)
60 AAA=(ASC(I#)-32):MC=MC(AAA):GOSUB 80:
IF IS=32 THEN PRINT#0:SOUND 1,P,DOT*4,0
ELSE PRINT#0," ";
70 NEXT AA:PRINT#0:PRINT#0:GOTO 40
80 MC$=BIN$(MC):IF POS(#0)+LEN(MC$)>78 T
HEN PRINT#0:PRINT#0,"> ";
90 FOR B=2 TO LEN(MC$):X#=MID$(MC$,B,1)
100 SOUN=(X#="1"):PRINT#0,CHR$(48+(X#="1
1)):GOSUB 170:NEXT:X#=0:SOUND 1,1,DOT*2.5,0:
RETURN
110 DATA 1,1,82,1,1,1,1,94,54,109,1,1,11
5,97
120 DATA 85,50,63,47,39,35,33,32,48,56,6
0,62

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```
130 DATA 1,1,1,1,1,76,1
140 DATA 5,24,26,12,2,18,14,16,4,23,13,2
0,7
150 DATA 6,15,22,29,10,8,3,9,17,11,25,27
,28
160 *
170 SOUND 1,P,DOT,0:IF SOUND=0 THEN SOUND
1,P,DOT,15:SOUND 1,P,1,0:ELSE SOUND 1,P
,DASH,15:SOUND 1,P,1,0
180 RETURN
```