

PARALLEL TEST

PORT A IS AN OUTPUT PORT, PORT B IS THE INPUT PORT. BY CONNECTING PORT A DATA LINES (0 TO 7) TO PORT B DATA LINES THIS PORGRAM WILL TEST ALL 256 COMBINATIONS. THE TV SCREEN WILL SHOW DATA OUTPUT ON THE LEFT AND DATA INPUT ON THE RIGHT.

```
10 LET K=64512
20 POKE K+3,130
30 FOR I=0 TO 255
40 POKE K,I
50 LET L=PEEK (K+1)
60 PRINT I,L
70 PRINT "PRESS NEW LINE TO CONTINUE"
80 INPUT A$
90 CLS
100 NEXT I
110 PRINT "END"
```

SERIAL TEST

THIS TEST SENDS THE ASCII CODE SET OUT. BY CONNECTING THE SERIAL DATA OUT LINE TO THE SERIAL DATA IN LINE THIS PROGRAM WILL TEST THE TRANSMITTER AND RECEIVER. THE TV SCREEN WILL SHOW THE NUMBER (32 to 89) REPRESENTING EACH ASCII CHARACTER SENT AND RECEIVED.

```
10 REM SET UP ACE
20 LET K=63488
30 POKE K+3,128
40 POKE K,155
50 POKE K+1,2
60 POKE K+3,3
70 LET L=PEEK K
80 POKE K+4,3
90 REM OUTPUT ASCII CODE SET
100 FOR I=32 TO 89
110 IF PEEK(K+5) AND 32=0 THEN GOTO 110
120 POKE K,I
130 PRINT I;" ";
140 IF PEEK (K+5)=96 THEN GOTO 140
150 LET L=PEEK K
160 PRINT L;" ";
170 NEXT I
```