

Laser 128EX Epson APL C #8133 to Epson LQ-500 - Applesoft printout

DRAFT mode ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[ ]\;'. / '~ < > ? : { } ! ! @ # \$ % ^ & \* ( ) \_ + " abcdefghijklmnopqrstuvwxyz The Quick BROWN FOX Jumped Over The Lazy Dogs

LQ FONT ROMAN 10CPI ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[ ]\;'. / '~ < > ? : { } ! ! @ # \$ % ^ & \* ( ) \_ + " abcdefghijklmnopqrstuvwxyz

LQ FONT Double Wide ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[ ]\;'. / '~ < > ? : { } ! ! @ # \$ % ^ & \* ( ) \_ + " abcdefghijklmnopqrstuvwxyz

LQ Font DOUBLE HIGH ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[ ]\;'. / '~ < > ? : { } ! ! @ # \$ % ^ & \* ( ) \_ + " abcdefghijklmnopqrstuvwxyz

LQ FONT EMPHASIZED The Quick BROWN FOX Jumped Over The Lazy Dogs

LQ FONT Double-Strike ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[ ]\;'. / '~ < > ? : { } ! ! @ # \$ % ^ & \* ( ) \_ + " abcdefghijklmnopqrstuvwxyz

LQ FONT subscript EXAMPLE superscript EXAMPLE

LQ FONT Underline ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[ ]\;'. / '~ < > ? : { } ! ! @ # \$ % ^ & \* ( ) \_ + " abcdefghijklmnopqrstuvwxyz

LQ FONT ITALIC example The Quick BROWN FOX Jumped Over The Lazy Dogs

LQ FONT Condensed MODE ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[ ]\;'. / '~ < > ? : { } ! ! @ # \$ % ^ & \* ( ) \_ + " abcdefghijklmnopqrstuvwxyz The Quick BROWN FOX Jumped Over The Lazy Dogs

LQ FONT Outline mode EXAMPLE The Quick BROWN FOX Jumped Over The Lazy Dogs

LQ FONT SHADOW Mode example ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[ ]\;'. / '~ < > ? : { } ! ! @ # \$ % ^ & \* ( ) \_ + " abcdefghijklmnopqrstuvwxyz

LQ FONT Outline & Shadow Mode - ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[ ]\;'. / '~ < > ? : { } ! ! @ # \$ % ^ & \* ( ) \_ + " abcdefghijklmnopqrstuvwxyz The Quick BROWN FOX Jumped Over The Lazy Dogs

LQ FONT Proportional - ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[ ]\;'. / '~ < > ? : { } ! ! @ # \$ % ^ & \* ( ) \_ + " abcdefghijklmnopqrstuvwxyz The Quick BROWN FOX Jumped Over The Lazy Dogs

LQ FONT 15 CPI ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[ ]\;'. / '~ < > ? : { } ! ! @ # \$ % ^ & \* ( ) \_ + " abcdefghijklmnopqrstuvwxyz The Quick BROWN FOX Jumped Over The Lazy Dogs

LQ FONT 12CPI Elite Pitch ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[ ]\;'. / '~ < > ? : { } ! ! @ # \$ % ^ & \* ( ) \_ + " abcdefghijklmnopqrstuvwxyz

LQ FONT SANS SERIF 10CPI ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[ ]\;'. / '~ < > ? : { } ! ! @ # \$ % ^ & \* ( ) \_ + " abcdefghijklmnopqrstuvwxyz The Quick BROWN FOX Jumped Over The Lazy Dogs

LQ FONT Double Wide ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[ ]\;'. / '~ < > ? : { } ! ! @ # \$ % ^ & \* ( ) \_ + " abcdefghijklmnopqrstuvwxyz

LQ Font DOUBLE HIGH ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[\];'./'~<>?:{ }|!@#\$\$%^&\*()\_+ "abcdefghijklmnopqrstuvwxy z

LQ FONT EMPHASIZED The Quick BROWN FOX Jumped Over The Lazy Dogs

LQ FONT Double-Strike ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[\];'./'~<>?:{ }|!@#\$\$%^&\*()\_+ "abcdefghijklmnopqrstuvwxy z

LQ FONT subscript EXAMPLE superscript EXAMPLE

LQ FONT Underline ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[\];'./'~<>?:{ }|!@#\$\$%^&\*()\_+ "abcdefghijklmnopqrstuvwxy z

LQ FONT ITALIC example The Quick BROWN FOX Jumped Over The Lazy Dogs

LQ FONT Condensed MODE ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[\];'./'~<>?:{ }|!@#\$\$%^&\*()\_+ "abcdefghijklmnopqrstuvwxy z The Quick BROWN FOX Jumped Over The Lazy Dogs

LQ FONT Outline mode EXAMPLE The Quick BROWN FOX Jumped Over The Lazy Dogs

LQ FONT SHADOW Mode example ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[\];'./'~<>?:{ }|!@#\$\$%^&\*()\_+ "abcdefghijklmnopqrstuvwxy z

LQ FONT Outline & Shadow Mode - ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[\];'./'~<>?:{ }|!@#\$\$%^&\*()\_+ "abcdefghijklmnopqrstuvwxy z The Quick BROWN FOX Jumped Over The Lazy Dogs

LQ FONT Proportional - ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[\];'./'~<>?:{ }|!@#\$\$%^&\*()\_+ "abcdefghijklmnopqrstuvwxy z The Quick BROWN FOX Jumped Over The Lazy Dogs

LQ FONT 15 CPI ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[\];'./'~<>?:{ }|!@#\$\$%^&\*()\_+ "abcdefghijklmnopqrstuvwxy z The Quick BROWN FOX Jumped Over The Lazy Dogs

LQ FONT 12CPI Elite Pitch ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[\];'./'~<>?:{ }|!@#\$\$%^&\*()\_+ "abcdefghijklmnopqrstuvwxy z

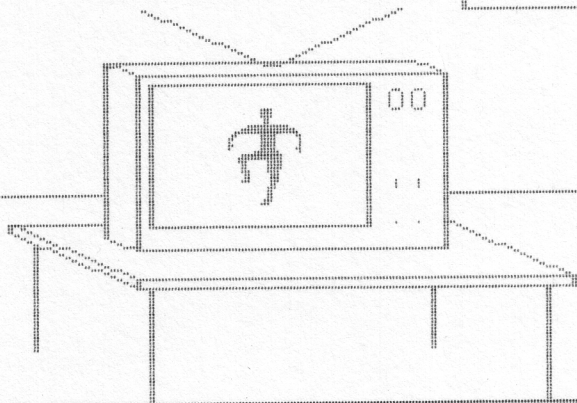
```
5 CLEAR
6 C$ = "ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890-=[\];'./'~<>?:{ }|!@#$$%^&*()_+ " + CHR$ (34)
7 LET D$ = "abcdefghijklmnopqrstuvwxy z"
8 LET E$ = "The Quick BROWN FOX Jumped Over The Lazy Dogs"
10 PR# 7
20 PRINT CHR$ (27);"@": REM INITIALIZE PRINTER
30 PRINT CHR$ (27);"x0": REM ENABLE DRAFT MODE
35 PRINT "Laser 128EX Epson APL C #8133 to Epson LQ-500 - Applesoft printout"
36 PRINT
40 PRINT "DRAFT mode ";C$;D$;" ";E$
50 PRINT
60 PRINT CHR$ (27);"x1": REM ENABLE LQ MODE (DEFAULT PITCH IS 10CPI)
70 PRINT CHR$ (27);"k"; CHR$ (0): REM LQ ROMAN FONT
80 PRINT "LQ FONT ROMAN 10CPI ";C$;D$
90 PRINT CHR$ (27);"w1": REM DOUBLE WIDE ON
100 PRINT "LQ FONT Double Wide ";C$;D$
110 PRINT CHR$ (27);"w0": REM DOUBLE WIDE OFF
120 PRINT
130 PRINT CHR$ (27);"w1": REM DOUBLE HIGH ON
140 PRINT "LQ Font DOUBLE HIGH ";C$;D$
150 PRINT CHR$ (27);"w0": REM DOUBLE HIGH OFF
160 PRINT
170 PRINT CHR$ (27);"E": REM EMPHASIZED ON
180 PRINT "LQ FONT EMPHASIZED ";E$
190 PRINT CHR$ (27);"F": REM EMPHASIZED OFF
200 PRINT CHR$ (27);"G": REM DOUBLE-STRIKE ON
210 PRINT "LQ FONT Double-Strike ";C$;D$
220 PRINT CHR$ (27);"H": REM DOUBLE-STRIKE OFF
```

```

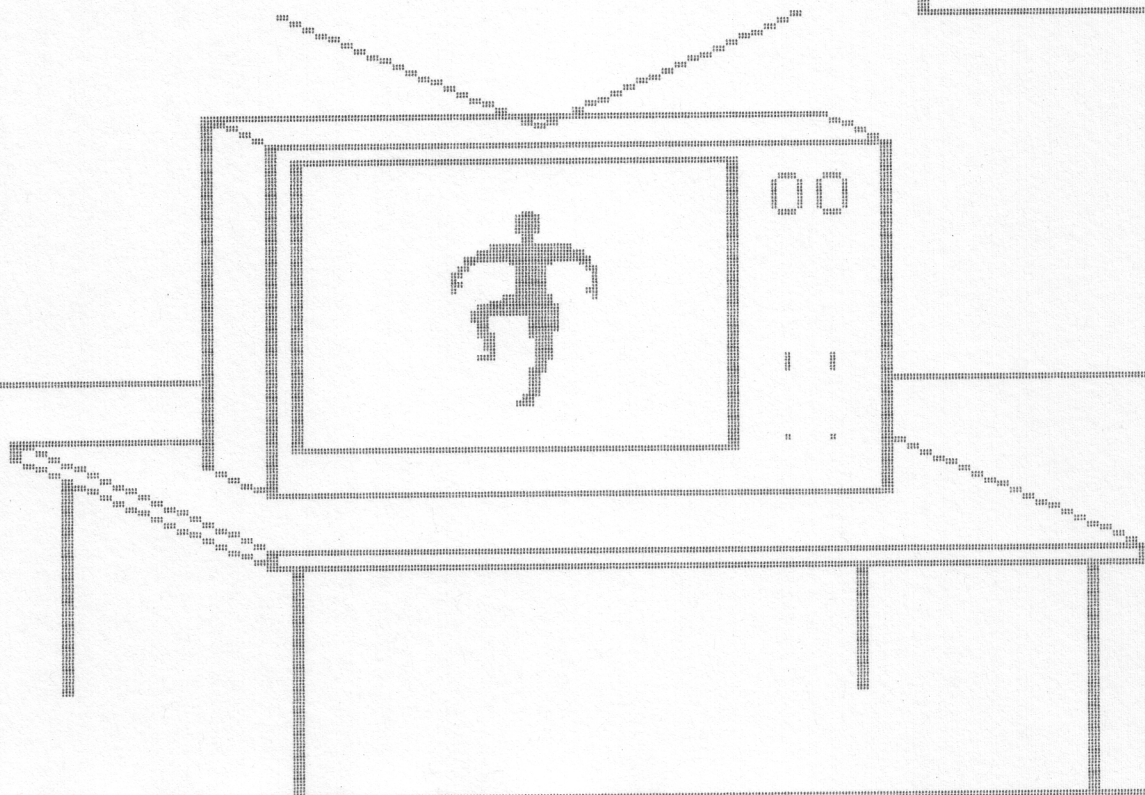
230 PRINT "LQ FONT "; CHR$ (27);"S1";" subscript EXAMPLE"; CHR$ (27);"S0";" superscript EXAMPL
E"
240 PRINT CHR$ (27);"T": REM CANCEL SUB-SUPERSCRIPT
250 PRINT CHR$ (27);"-1": REM UNDERLINE ON
260 PRINT "LQ FONT Underline ";C$;D$
270 PRINT CHR$ (27);"-0": REM UNDERLINE OFF
280 PRINT CHR$ (27);"4": REM ITALIC ON
285 PRINT "LQ FONT ITALIC example ";E$
286 PRINT CHR$ (27);"5": REM ITALIC OFF
290 PRINT CHR$ (15): REM CONDENSED ON
292 PRINT "LQ FONT Condensed MODE ";C$;D$;" ";E$
293 PRINT CHR$ (18): REM CONDENSED OFF
310 PRINT CHR$ (27);"q"; CHR$ (1): REM OUTLINE ON
320 PRINT "LQ FONT Outline mode EXAMPLE ";E$
330 PRINT CHR$ (27);"q"; CHR$ (2): REM SHADOW ON
335 PRINT "LQ FONT SHADOW Mode example ";C$;D$
340 PRINT CHR$ (27);"q"; CHR$ (3): REM OUTLINE & SHADOW ON
350 PRINT "LQ FONT Outline & Shadow Mode - ";C$;D$;" ";E$
360 PRINT CHR$ (27);"q"; CHR$ (0): REM NORMAL STYLE
365 PRINT CHR$ (27);"p1": REM PROPORTIONAL SPACING ON
366 PRINT "LQ FONT Proportional - ";C$;D$;" ";E$
367 PRINT CHR$ (27);"p0": REM PROPORTIONAL OFF
368 PRINT CHR$ (27);"g": REM ENABLE 15 CPI PITCH
369 PRINT "LQ FONT 15 CPI ";C$;D$;" ";E$
370 PRINT CHR$ (27);"M": REM ENABLE 12CPI ELITE PITCH
380 PRINT "LQ FONT 12CPI Elite Pitch ";C$;D$
385 IF P = 1 THEN PRINT : LIST : PR# 0: END
390 PRINT CHR$ (27);"@": REM INIT PRINTER
400 PRINT
410 PRINT CHR$ (27);"x1": REM ENABLE LQ MODE (DEFAULT PITCH 10CPI)
420 PRINT CHR$ (27);"k"; CHR$ (1): REM SET LQ SANS SERIF FONT
430 PRINT "LQ FONT SANS SERIF 10CPI ";C$;D$;" ";E$
440 LET P = 1
450 GOTO 90: REM REPEAT TESTS WITH LQ SANS SERIF

```

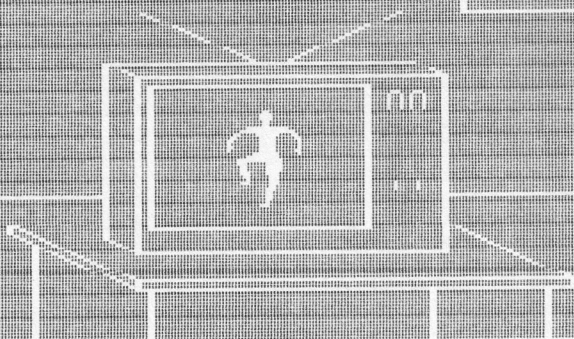
HOME  
SWEET  
HOME



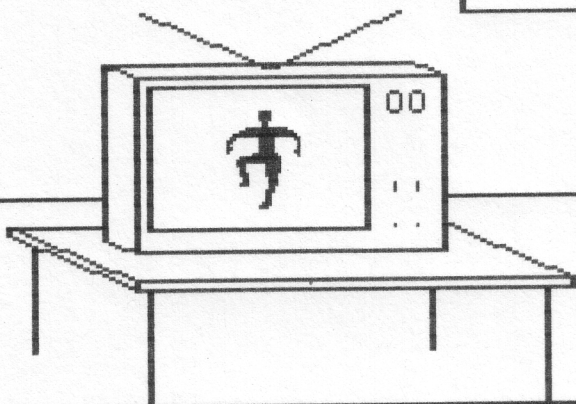
HOME  
SWEET  
HOME



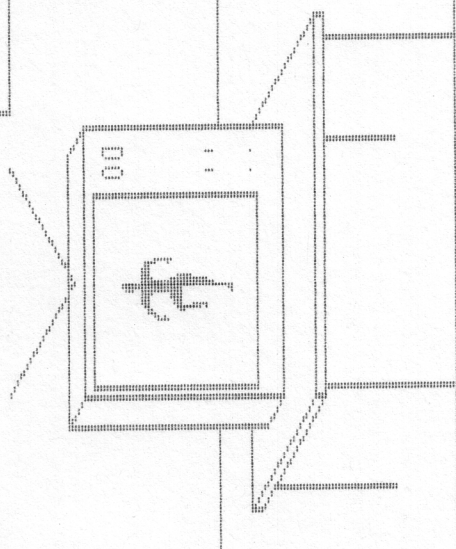
HOME  
SWEET  
HOME



HOME  
SWEET  
HOME



HOME  
SWEET  
HOME



```
]SAVE LASERHGR  
]LIST
```

```
10 HGR2  
20 PRINT CHR$(4);"BLOAD PIC.A  
PPLEVISION,A$4000"  
30 PR# 7  
40 PRINT CHR$(9);"G2": REM D  
UMP HI-RES PG 2  
50 PRINT CHR$(9);"G2D": REM  
DOUBLE-SIZE  
60 PRINT CHR$(9);"G2I": REM  
INVERTED  
70 PRINT CHR$(9);"G2EF": REM  
EMPHASIZED OVERSTRIKE (NO P  
INSTRIPE)  
80 PRINT CHR$(9);"G2R": REM  
90 DEGREES ROTATED  
90 PR# 0  
100 END
```

```
] 
```

```
]RUN
```

### January

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

### February

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

### March

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

### April

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

### May

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

### June

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

### July

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

### August

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

### September

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

### October

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

### November

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

### December

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

## Apple computer interfaces

The Apple II, II+ and IIE computers do not have a printer interface as a standard feature. Epson produce parallel interface boards for the Apple, which have software to control the functions of the printer, taking into account the particular requirements of the Apple operating system and the way its software has been written. The #8131 interface controls only basic functions of the printer; the #8132, #8132(W) and #8133 interfaces support graphics facilities and other commands required for some software. The #8132 interfaces have been superseded by the #8133. These interfaces are installed in the Apple, and connect directly to the parallel interface on the LX-800 printer. No additional interface is needed in the printer.

The Apple IIc has a built-in serial interface and can be connected to the printer using a suitable cable, but it does require a serial interface to be fitted to the printer.

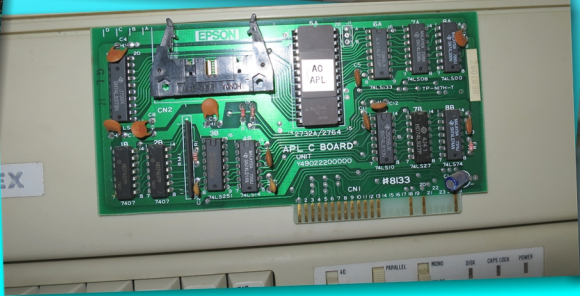
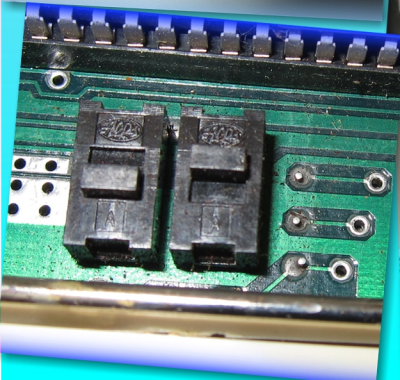
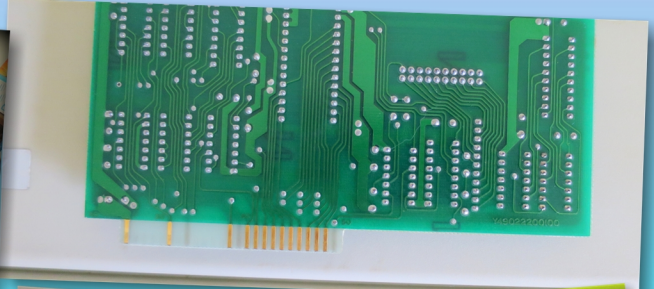
## INTERFACES FOR THE APPLE COMPUTER

The Apple computer does not have a printer interface as a standard feature. A number of manufacturers produce serial and parallel interfaces for fitting in one of the option slots of the Apple to enable it to drive a printer. Once one of these interface boards has been fitted, no interface needs adding to the printer itself, unless a serial board is being used, or extra features are needed.

Epson support the Apple by producing printer interface boards for the Apple with software to control the functions of the printer while taking account of particular requirements of the Apple operating system. If you already have a #8131, #8132, #8132W or #8133 interface, these are all compatible with the FX-85 and FX-105 printers.

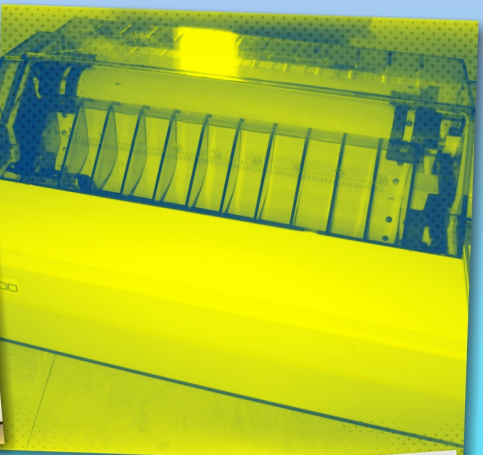
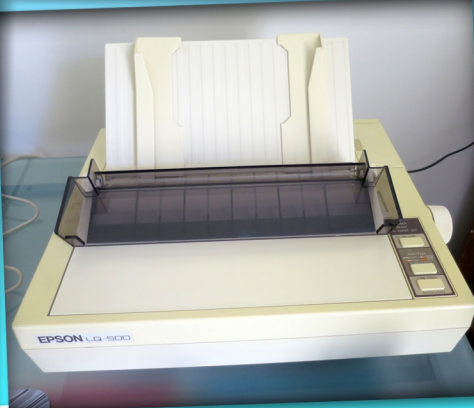
The #8131 interface board requires software in the computer in order to produce graphics screen dumps. The other Epson interfaces for the Apple all have software in a ROM mounted on the interface board which allows screen dumps to be performed using simple commands. If you have a #8132 or #8132W board, and find that it does not print satisfactorily with software packages such as Appleworks or other software running under ProDOS, consult your Epson dealer about the possibility of upgrading the interface.







Select:  
 Printer  
 Interface Card  
 Slot  
 Test Printer  
 Done  
 Printer:  
 Epson LQ 500/800/850/950  
 Interface Card:  
 Epson APL (8 bit)  
 Slot: 7  
 Use [F1] [F2] and  
 RETURN to select.  
 ESC to Back



```

J3AVE LASERHGR
JL151
18 HCR2
20 PRINT CHR$(4);@BLOAD PIC.A
22 PRINT EVISION;A#4000
30 PRINT CHR$(9);"G2": REM D
48 PRINT HI-RES;PG 2
50 PRINT E-SIZE (9);"G20": REM
60 PRINT CHR$(9);"G21": REM
70 PRINT CHR$(9);"G22": REM
80 PRINT CHR$(9);"G23": REM
88 PRINT CHR$(9);"G2R": REM
98 PRINT DEGREES ROTATED
100 END
J
JRUN
  
```



The New Print Shop

Main Menu  
 Greeting Card  
 Sign or Poster  
 Letterhead  
 Banner  
 Calendar  
 Quick Print  
 Graphic Editor  
 Setup or Convert  
 Exit Program

Use [F1] [F2] and  
 RETURN to select.

TOSHIBA

```

7 LET D$ = "abcdefghijklmnopqrstuvwxyz"
8 LET E$ = "The Quick BROWN FOX  

10 JUMPED Over The Lazy Dogs"
20 PRINT CHR$(27);"a": REM I
30 PRINT CHR$(27);"x0": REM
35 PRINT DRAFT MODE;"a": REM
40 PRINT Laser 128EX; Epson APL  

48 PRINT Epson LQ 500 "a"  

50 PRINT "DRAFT mode ";C$;D$;"  

58 PRINT CHR$(27);"x1": REM  

60 PRINT LG MODE (DEFAULT PITC  

70 PRINT CHR$(27);"k"; CHR$(  

80 PRINT CHR$(27);"k"; CHR$(  

90 PRINT CHR$(27);"k"; CHR$(  

98 PRINT CHR$(27);"k"; CHR$(  

100 PRINT CHR$(27);"k"; CHR$(  

BREAK  

JRUN
  
```

TOSHIBA

