Apple //e
Apple][

Default Attributes Switch

HIGHLIGHT INVERSE
HIGHLIGHT INVERSE
LOWLIGHT NORMAL
LOWLIGHT NORMAL

Alternate Attributes
Standard Attributes

U23 U8 U25
U27 U26 U16
U24 U22 U28
U9 U19 U17
U15
U11 U21
U18
U3 U1
U2
U5 U4
U6 U10
U13
U14
U7 U12

J4 J3 J6 J5 J2 J1

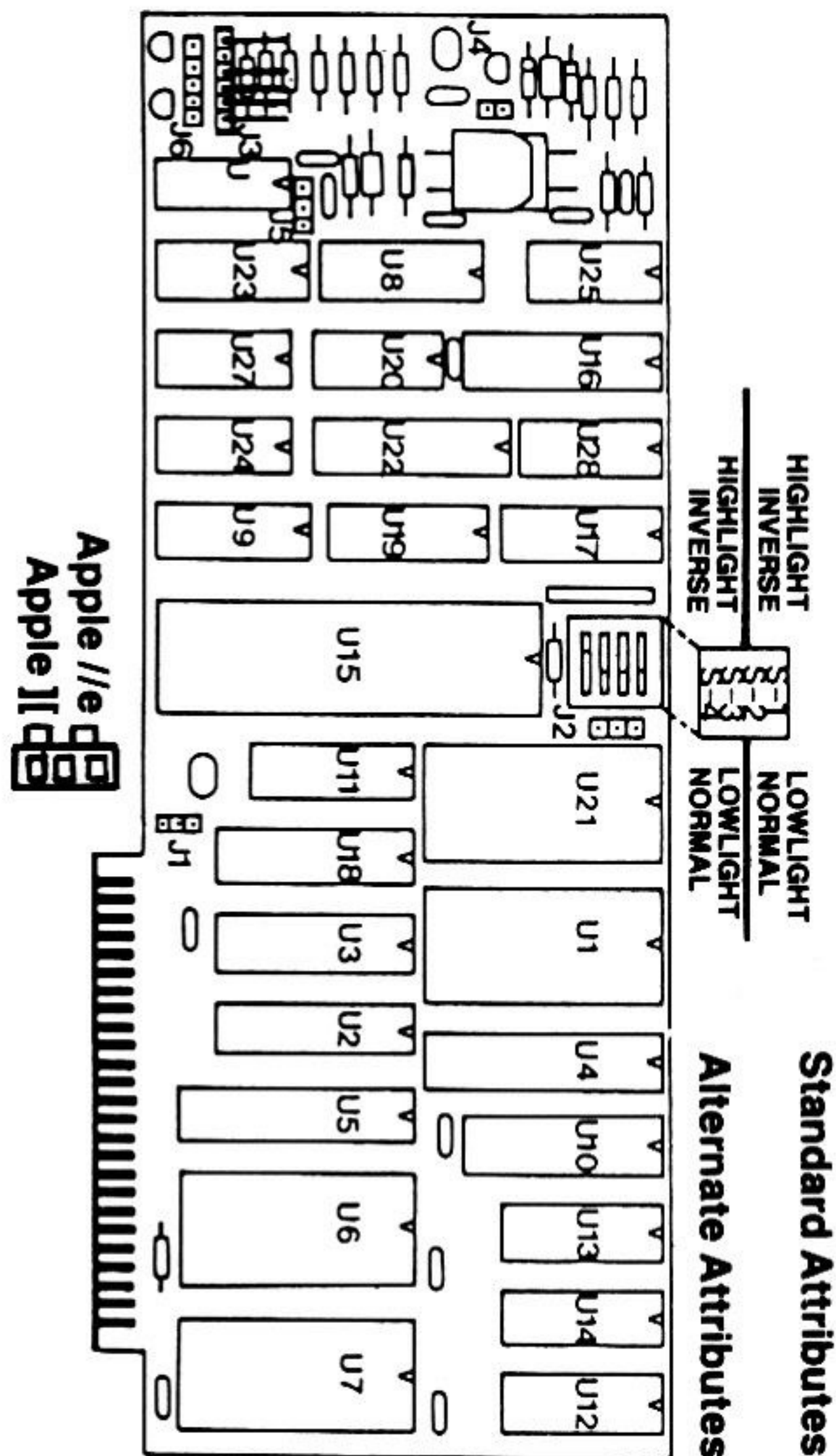# Videx
UltraTerm™
Quick Reference Guide

INPUT COMMANDS:

A^c:	Uppercase/lowercase toggle
K^c:	Generates the '[' character
S^c:	The pause command

The firmware on your ultraterm also allows you to type BASIC programs with lower-case input (if you have an Apple //e or an Apple][with an Enhancer][).

OUTPUT COMMANDS:

G^c:	The ASCII bell character
H^c:	Backspace
J^c:	Linefeed
K^c:	Clear to End of Screen
L^c:	Home and Clear Screen
M^c:	Carriage Return
N^c:	Standard attribute set (Use NORMAL in BASIC)
O^c:	Alternate attributes (Use INVERSE in BASIC)
R^c:	Raw Mode command
U^c:	Select Apple 40-column mode
V^c:	Set video format lead-in
	0 Apple 40-column mode
	1 80 × 24 video mode
	2 96-column by 24-line mode
	3 160-column by 24-line mode
	4 80-column by 24-line mode with the High-Quality character set
	5 80 by 32 mode
	6 80 by 48 mode
	7 132 by 24 mode
	8 128 by 32 mode

OUTPUT COMMANDS (cont.)

W^c: Lead-in character for the video attributes. The W^c is followed by two digits. The first digit is for the standard attribute set and the second digit defines the alternate attribute set

Digit Value	Resulting Display Characteristics		
7	Alternate char. set	highlight	inverse
6	Alternate char. set	lowlight	inverse
5	Alternate char. set	highlight	normal
4	Alternate char. set	lowlight	normal
3	Standard char. set	highlight	inverse
2	Standard char. set	lowlight	inverse
1	Standard char. set	highlight	normal
0	Standard char. set	lowlight	normal

Y^c: Home the Cursor

Z^c: Lead-in for Control-Character Display

  $@^c$, A^c to G^c Block Graphics
  H^c to P^c Control Code symbols or more Block Graphics
  Q^c to $\_^c$ Line drawing character.
  Z^c1 Switches you to the Apple 40-column video display

The following commands cannot be entered from the standard Apple keyboard

  $\backslash^c$ (CHR$(28)): Cursor Forward
  $]^c$ (CHR$(29)): Clear to End of Line
  ^{cc} (CHR$(30)): GOTOXY lead-in command. The two characters following the lead-in will determine the new position of the cursor
  $\_^c$ (CHR$(31)): Reverse line feed

OPERATING SYSTEM COMMANDS (For BASIC)

U^c: Forward Arrow or Copy-forward

<ESC>: Lead-in command for the screen editing. The command is followed by one or more characters which determine the editing command. The valid editing commands are:

0	Set Apple 40-column display
1	Set 80 × 24 display
2	Set 96 × 24 display
3	Set 160 × 24 display
4	Set 80 × 24 display with interlace
5	Set 80 × 32 with interlace
6	Set 80 × 48 with interlace
7	Set 132 × 24 with interlace
8	Set 128 × 32 with interlace
@	Clear the screen.
A	Cursor Right
B	Cursor Left
C	Cursor Down
D	Cursor Up
E	Clear From Cursor to End of Line
F	Clear From Cursor to End of Screen
I	Cursor Up
J	Cursor Left
K	Cursor Right
M	Cursor Down
HOME	Clears Screen and Homes Cursor
INVERSE	Select Alternate Attribute Set
NORMAL	Select Standard Attribute Set
HTAB	HTABs past column 40 are not supported
VTAB	VTABs past line 24 are not supported