

CODE DEC.	HEX.	MNEMONIC	FUNCTION
13	0D	CR	Carriage return--do a carriage return with or without line feed (CR CODE Switch)
17	11	DC1	Select printer
24	18	CAN	Cancel--clear all print data in the internal buffer.
27 81 36	1B 51 24	ESC Q \$	Deselect printer
27 85 n	1B 55 n	ESC U n	Set bidirectional/unidirectional n=1 selects unidirectional print mode n=0 selects bidirectional print mode
27 106	1B 6A	ESC j	Stop printing--print out data and set the printer off line.

 VERTICAL MOTION CONTROL SEQUENCES

10	0A	LF	Line feed--do a line feed with or without carriage return (LF CODE Switch)
11	0B	VT	Vertical tab--move to next vertical tab position
12	0C	FF	Form feed--feed paper to top of next page after printing.
27 48	1B 30	ESC 0	Set 1/8" line feed.
27 49	1B 31	ESC 1	Set 7/72" line feed.
27 50	1B 32	ESC 2	Start line spacing set by ESC A
27 51 n	1B 33 n	ESC 3 n	Set variable line feed--set line feed pitch n to n/216" in standard mode, n180" in AGM mode. 0 < n < 255
27 52	1B 34	ESC 4	Set top of form--set current position as top of form.
27 53 n	1B 35 n	ESC 5 n	Set automatic line feed n=1:Carriage return and line feed n=0:Carriage return only
27 65 n	1B 41 n	ESC A n	Store variable line spacing set line-feed pitch to n/72" in standard mode or n/60" in AGM mode when ESC 2 is input 1 < n < 85.
27 66	1B 42	ESC B	Set vertical tabs

n1...nk 0	n1...nk 00	n1...nk NUL	1 < k < 64
27 67 n	1B 43 n	ESC C n	Set form length in lines--maximum 1092 lines with 1/6" line spacing.
27 67 0 n	1B 43 0 n	ESC C NUL n	Set form length in inches--maximum 182"
27 74 n	1B 4A n	ESC J n	Variable line spacing--do n/216" line feed in standard mode, n/180" in AGM mode.
27 78 n	1B 4E n	ESC N n	Set skip perforation 1 < n < 255
27 79	1B 4F	ESC O	Cancel skip perforation
27 82	1B 52	ESC R	Set all tabs to power-on settings.
27 91 92 n1 n2 0 0 m1 m2	1B 5B 5C n1 n2 00 00 m1 m2	ESC [\ n1 n2 NUL NUL m1 m2	Set base line-feed pitch

HORIZONTAL MOTION CONTROL SEQUENCES

8	08	BS	Backspace-move 1 character space to the left
9	09	HT	Horizontal tab-move to the next horizontal tab position
27 68 n1...nk 0	1B 4 n1...nk 00	ESC D n1...nk NUL	Set horizontal tabs 1 < k < 28
27 82	1B 52	ESC R	Set all tabs to power-on settings.
27 88 n1 n2	1B 58 n1 n2	ESC X n1 n2	Set left and right margins-set margins based on the current font pitch. n1 specifies left margin and n2 specifies right margin. 1 < n1 < n2 < m (maximum character column)
27 100 n1 n2	1B 64 n1 n2	ESC d n1 n2	Relative dot positioning-move the print-start position to the right of the current printing position.

PRINTING STYLE CONTROL SEQUENCE

27 73 n	1B 49 n	ESC l n	Select print mode
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n=0:Standard 10 cpi
n=2:LQ 10 cpi
n=3:LQ proportional
n=4:Standard 10 cpi download
n=6:LQ 10 cpi download
n=7:LQ proportional download

n=8:Standard 12 cpi
n=10:LQ 12 cpi
n=12:Standard 12 cpi download
n=14:LQ 12 cpi download
n=16:Standard 17.1 cpi
n=18:LQ 17.1 cpi
n=20:Standard 17.1 cpi download
n=22:LQ 17.1 cpi download

PRINT SIZE COMMANDS

14	0E	SO	Select double-width printing-prints for one line only
15	0F	SI	Select condensed printing-17.1 cpi
18	12	DC2	Select standard 10 cpi printing
20	14	DC4	Cancel double-width printing-end single-line double-width printing set by SO
27 58	1B 3A	ESC :	Select compressed printing-12 cpi
27 80 n	1B 50 n	ESC P n	Select or deselect proportional characters n=1 ON; n=0 OFF
27 87 n	1B 57 n	ESC W n	Continuous double-width printing n=1 selects continuous double-width printing ;n=0 cancels continuous double-width printing
27 91 64 n1 n2 0 0 m1 m2	1B 5B 40 n1 n2 00 00 m1 m2	ESC [@ n1 n2 NUL NUL m1 m2	Double-height printing

PRINT ENHANCEMENT CONTROL SEQUENCES

27 45 n	1B 2D n	ESC - n	Underlining-n=1 Starts underline; n=0 Ends underline.
27 69	1B 45	ESC E	Set emphasized printing
27 70	1B 46	ESC F	Cancel emphasized printing
27 71	1B 47	ESC G	Set double-strike printing
27 72	1B 48	ESC H	Stop double-strike printing
27 83 n	1B 53 n	ESC S n	Set superscript/subscript-n=1 selects subscript printing; n=0 selects superscript printing
27 84	1B 54	ESC T	End superscript and subscript printing
27 95 n	1B 5F n	ESC _ n	Overscoring-n=1 selects continuous overscoring; n=0 cancels continuous overscoring

CHARACTER TABLE CONTROL SEQUENCES

27 54	1B 36	ESC 6	Select IBM Character Set 2
27 55	1B 37	ESC 7	Select IBM Character Set 1
27 92 n1 n2	1B 5C n1 n2	ESC \ n1 n2	Print continuously from All Characters set
27 94 n	1B 5E n	ESC ^ n	Print continuously from All Characters set

FONT DOWNLOADING CONTROL SEQUENCE

27 61 n1 n2 m s a1 a2 d1...d11	1B 3D n1 n2 m s a1 a2 d1...d11	ESC = n1 n2 m s a1 a2 d1...d11	Define downloading characters
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GRAPHIC IMAGE PRINTING CONTROL SEQUENCE

27 42 m n1 n2 d1...dk	1B 2A m n1 n2 d1...dk	ESC * m n1 n2 d1...dk	Select various bit image graphics mode (AGM) m=0: 60 dpi, 8-pin bit image mode m=1:120 dpi, 8-pin bit image mode m=2:120 dpi, 8-pin bit image mode, normal mode m=3:240 dpi, 8-pin bit image mode m=4: 80 dpi, 8-pin bit image mode m=6: 90 dpi, 8-pin bit image mode m=32:60 dpi, 24-pin bit image mode m=33:120 dpi, 24-pin bit image mode m=38:90 dpi, 24-pin bit image mode m=39:180 dpi, 24-pin bit image mode m=40:360 dpi, 24-pin bit image mode
27 75 n1 n2 d1...dk	1B 4B n1 n2 d1...dk	ESC K n1 n2 d1...dk	Normal-density 8-pin bit image mode-60 dpi k=n1 (LSB) + 256 x n2 (MSB)
27 76 n1 n2 d1...dk	1B 4C n1 n2 d1...dk	ESC L n1 n2 d1...dk	Double-density 8-pin bit image mode-120 dpi k=n1 + 256 x n2
27 89 n1 n2 d1 dk	1B 59 n1 n2 d1 dk	ESC Y n1 n2 d1 dk	Double-density 8-pin bit image mode (normal speed)-120 dpi (horizontally aligned dots can not be printed) k=n1 + 256 x n2
27 90 n1 n2 d1...dk	1B 5A n1 n2 d1...dk	ESC Z n1 n2 d1...dk	Quadruple-density 8-pin bit image mode-240 dpi k=n1 + 256 x n2
27 91 103 n1 n2 m d1...dk	1B 5B 67 n1 n2 m d1...dk	ESC [g n1 n2 m d1...dk	Set various bit image graphics modes m=0:60 dpi, 8-pin bit image mode (same as ESC K) m=1:120 dpi, 8-pin bit image mode (same as

ESC L)
m=2:120 dpi, 8-pin bit image mode, normal
mode, (same as ESC Y)
m=3:240 dpi, 8-pin bit image mode, (same
as ESC Z)
m=8:60 dpi, 24-pin bit image mode
m=8:120 dpi, 24-pin bit image mode
m=8:360 dpi, 24-pin bit image mode

(dkh-07/27/93)

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