

EPSON CONTROL CODES

DECIMAL	HEXADECIMAL		FUNCTION
7 or 135	07 or 87	BEL	Sound buzzer for 1 second
8 or 136	08 or 88	BS	Move one character position to the left.
9 or 137	09 or 89	HT	Move to next horizontal tab position.
10 or 138	0A or 8A	LF	Advance the paper one line
11 or 139	0B or 8B	VT	Move to next vertical tab position.
12 or 140	0C or 8C	FF	Form Feed after printing
13 or 141	0D or 8D	CR	Printing and Carriage Return with or without Line Feed (DIP Switch 6)
14 or 142	0E or 8E	SO	Double-width character mode designation
15 or 143	0F or 8F	SI	Printing and condensed character mode designation
17 or 145	11 or 91	DC1	Select printer
18 or 146	12 or 92	DC2	Printing and standard 10 CPI character mode termination
19 or 147	13 or 93	DC3	Deselect printer
20 or 148	14 or 94	DC4	Double-width character mode termination
24 or 152	18 or 98	CAN	Clear all print data in the internal buffer
127 or 255	7F or FF	DEL	Delete one character
27 32 n	1B 20 n	ESC SP n	Set inter-character space
27 33 n	1B 21 n	ESC ! n	Select a combination of printing characteristics
27 35	1B 23	ESC #	Cancel MSB control
27 36 n1 n2	1B 24 n1 n2	ESC \$ n1 n2	Set absolute print start position

27 37 n	1B 25 n	ESC % n	n=1 selects normal character set n=0 selects download character set
27 38 0 n1 n2 a1 d1...dk	1B 26 00 n1 n2 a1 d1...dk	ESC & NUL n1 n2 a1 d1...dk	Define downloaded fonts
27 42 m n1 n2	1b 2A m n1 n2	ESC * m n1 n2	Select a graphics mode
27 45 n	1B 2D n	ESC - n	n = 1 Starts Underline n = 0 Ends Underline
27 47 c	1b 2F c	ESC / c	Select the channel of vertical tab
27 48	1B 30	ESC 0	Line Feed pitch is set to 1/8 inch
27 49	1B 31	ESC 1	Line-feed pitch is set to 7/72 inch
27 50	1B 32	ESC 2	Line-feed pitch is set to 1/6 inch
27 51	1B 33	ESC 3	Set line-feed pitch to n/216 inch (n = 0 - 255, inclusive)
27 52	1B 34	ESC 4	Set italic character mode
27 53	1B 35	ESC 5	Italic character mode termination
27 54	1B 36	ESC 6	Expand the code area of printable characters
27 55	1B 37	ESC 7	Cancel ESC 6
27 56	1B 38	ESC 8	Disable paper out detection function
27 57	1B 39	ESC 9	Enable paper out detection function
27 58 0 n 0	1B 3A 00 n 00	ESC : NUL n NUL	Copy the resident characters in ROM to downloading area in ROM
27 60	1B 3D	ESC <	Moves the print head to the home position
27 61	1B 3D	ESC =	Set the MSB (Most Significant Bit) of input data to 0
27 62	1B 3E	ESC >	Set the MSB of input data to 1

27 63 s n	1B 3F s n	ESC ? s n	Reassign the density of bit image mode specified by ESC K, L, Y, or Z
27 64	1B 40	ESC @	Initialize printer
27 65	1B 41	ESC A n	Set line feed pitch to n/72 inch when ESC 2 is input
27 66 n1...nk 0	1B 42 n1...nk 00	ESC B n1...nk NUL	Vertical tab position setting (k = 0-16, inclusive)
27 67 n	1B 43 n	ESC C n	Specify page length in lines
27 68 n1...nk 0	1B 44 n1...nk 00	ESC D n1...nk NUL	Horizontal tab position setting. (k = 0-32, inclusive)
27 69	1B 45	ESC E	Set emphasized printing
27 70	1B 46	ESC F	Cancel emphasized printing
27 71	1B 47	ESC G	Select Double-Strike Character mode
27 72	1B 48	ESC H	End Double-Strike Character mode
27 73 n	1B 49 n	ESC I n	Expand printable character code areas
27 74 n	1B 4A n	ESC J n	Perform n/216 inch Line Feed
27 75 n1, n2, d1,...dk	1B 4B n1, n2, d1,...dk	ESC K n1, n2, d1, ...dk	Select normal-density Bit Image Mode (k = n1 (LSB) + 256 * n2 (MSB))
27 76 n1, n2, d1,...dk	1B 4C n1, n2, d1,...dk	ESC L n1, n2, d1, ...dk	Select double-density Bit Image Mode (k = n1 + 256 * n2)
27 77	1B 4D	ESC M	Printing and compressed character mode designation
27 78 n	1B 4E n	ESC N n	Set skip over perforation in LF unit (n = 1-255, inclusive)
27 79	1B 4F	ESC O	End skip over perforation
27 80	1B 50	ESC P	Printing and Standard 10 cpi character mode designation
27 81 n	1B 51 n	ESC Q n	Set right margin in present character columns

27 82 n	1B 52 n	ESC R n	Select country counters
27 83 n	1B 53 n	ESC S n	n=1 selects Subscript Character mode n=0 selects Superscript Character mode
27 84	1B 54	ESC T	End Superscript and Subscript Character modes
27 85 n	1B 55 n	ESC U n	n=1 selects Unidirectional Print Mode n=0 selects Bidirectional Print Mode
27 87 n	1B 57 n	ESC W n	n=1 selects Continuous Double-Width Character Mode n=0 cancels Continuous Double-Width Character Mode
27 89 n1 n2 d1...dk	1B 59 n1 n2 d1...dk	ESC Y n1 n2 d1...dk	Select double-density Bit Image Mode, (High Speed), $k=n1(\text{LSB})+256 * n2(\text{MSB})$. Horizontally aligned dots cannot be printed
27 90 n1 n2 d1...dk	1B 5A n1 n2 d1...dk	ESC Z n1 n2 d1...dk	Select quadruple-density Bit Image Mode. $k = n1 + 256 * n2$
27 92 m n1 n2	1B 5C m n1 n2	ESC \ m n1 n2	Set relative print start position
27 94 m n1 n2	1B 5E m n1 n2	ESC ^ m n1 n2	Set 9-pin bit image graphics mode
27 97 n	1B 61 n	ESC a n	Select justification mode
27 98 c n1...nk 0	1B 62 n1...nk 00	ESC b c n1...nk NUL	Set vertical tab positions into each channel. $c = 0-7$, inclusive; $k = 1-16$, inclusive
27 105 n	1B 69 n	ESC i n	n=1 selects immediate printing mode n=0 cancels immediate printing mode
27 106 n	1B 6A n	ESC j n	Perform $n/216$ inch reverse LF
27 107 n	1B 6b n	ESC k n	Select one of the resident NLQ fonts
27 108 n	1B 6C n	ESC l n	Set left margin in present character columns
27 112 n	1B 70 n	ESC p n	Select or cancel proportional character mode. $n=1:\text{ON}, n=0:\text{OFF}$

27 115 n	1B 73 n	ESC s n	Half-speed printing mode designation
27 116 n	1B 74 n	ESC t n	n=1 selects the Graphics character table n=0 selects the Italics character table
27 119 n	1B 77 n	ESC w n	n=1 selects the double-height printing mode n=0 cancels the double-height printing mode
27 120 n	1B 78 n	ESC x n	n=1 selects the NLQ mode n=0 selects the Draft mode

(css 07/26/93)

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