

IGNORED CODES

Codes that are unusable or undefined in a given print mode are ignored.

There are several reasons a code might be unusable in a certain mode. Redundant codes that do not change the current printer status are usually ignored. For example, if the printer is in DP mode, sending a CHR\$ (19) (used to enter DP mode) is useless. There are many ASCII control codes in the range 0-31 that the printer simply does not recognize. ASCII 0, for example, is not used in any of the three print modes.

The following table summarizes the undefined print codes.

ALL MODES:

- * Out of range on a repeat sequence
- * Out of range on a dot positioning sequence
- * Redundant codes that don't change the current printer status
- * Unprintable repeat data n2

DP MODE: 0, 1, 19, 30, 127, 255

WP MODE: 0, 1, 20, 30, 127, 255

GRAPHICS MODE: All codes in the range 0-127 are ignored except: 7, 10, 12, 13, 27 14, 27 15, 27 16 n1 n2, 27 21, 27 22, 27 33, 27 49, 27 52 n, 27 71, 27 73 n1 n2..., 27 75, 27 76, 27 85 n, 28 n1 n2, 30.

IBM CONTROL CODES

DECIMAL	HEX	SYMBOL	FUNCTION PPR (ASCII)	AGM
8	(08)	BS	Backspace	Same
9	(09)		Horizontal tab	Same
10	(0A)	LF	Line Feed	Same
11	(0B)	VT	Vertical Tab	Same
12	(0C)	FF	Form Feed	Same
13	(0D)	CR	Carriage Return	Same
14	(0E)	SO	Double-Wide by line	Same
15	(0F)	SI	Set Condensed Mode Print 17.1 cpi	Same
17	(11)	DC1	Select Printer	Same
18	(12)	DC2	Set 10 cpi	Same

20	(14)	DC4	Cancel Double Wide	Same
24	(18)	CAN	Cancel data	Same
27 33	(1B) (21)	ESC !	Return to Tandy mode	Same
27 42 m n1 n2	(1B) (2A) m n1 n2	ESC * m n1 n2	Ignored	Select Graphics Mode (m:Graphics mode) (n1 n2 Column length) See page 110
27 45 n	(1B) (2D) n	ESC -- n	n=1 Starts Underline n=0 Ends Underline	Same
27 48	(1B) (30)	ESC 0	Line Feed pitch is set to 1/8"	Same
27 49	(1B) (31)	ESC 1	Line Feed pitch is set to 7/72"	Same
27 50	(1B) (32)	ESC 2	Perform ESC-A or set Line Feed pitch to 1/6"	
27 51 n	(1B) (33) n	ESC 3 n	Set Line Feed pitch to n/216" 0 < n < 255	
27 52	(1B) (34)	ESC 4	Current position is set 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 54	(1B) (36)	ESC 6	Select Character Set 2	
27 55	(1B) (37)	ESC 7	Select Character Set 1	
27 58	(1B) (3A)	ESC :	Set 12 CPI	Same
27 61	(1B) (3D)	ESC =	Down Line Loading	Same
27 65 n	(1B) (41) n	ESC A n	Ignored	Set n/60" Line Spacing (n: Binary, 1 < n < 255)
27 65 n	(1B) (41) n	ESC A n	Set n/72" Line Spacing (n: Binary, 1 < n < 255) 0 < n < 8	Ignored

27 66 n1 ~ nk	(1B) (42)	ESC B n1 ~ nk	Set Vertical Tab (n:Tab position 1 < k < 64>>	Set Vertical Tab
27 67 n	(1B) (43) n	ESC C n	Set from Length (n line(s)) (n:Binary)	Same
27 67 48 n	(1B) (43) (30)	ESC C 0 n	Set page length (n inch(es)), (n:Binary)	Same
27 68 n1,...nk	(1B) (44) n1,...nk	ESC D n1,...nk	Set Horizontal Tab (n:TAB Position, 1 < K < 28)	Same
27 69	(1B) (45)	ESC E	Set Emphasized print	Same
27 70	(1B) (46)	ESC F	Reset Emphasized Print	
27 71	(1B) (47)	ESC G	Set Enhanced Print	Same
27 72	(1B) (48)	ESC H	Reset Enhanced Print	Same
27 73 n	(1B) (49)	ESC I n	Select Print Mode See page 105	Same
27 74 n	(1B) (4A)	ESC J n	Ignored	n/180" Line Spacing (n:Binary, 1 < n < 255)
27 74 n	(1B) (4A)	ESC J n	n/216" Line Spacing (n:Binary, 1 < n < 255)	
27 75 n1 n2...,D1...DK	(1B) (4B)	ESC K n1 n2	Single Density Graphic See page 116	Same
27 76 n1 n1 D1...DK	(1B) (4D)	ESC L n1 n2	Double Density Graphic See page 116	Same
27 78 n	(1B) (4E)	ESC N n	Set Auto Perforation	Same
27 79	(1B) (4F)	ESC 0	Reset Auto Perforation	Same

27 80 n	(1B) (50)	ESC P n	Proportional Spacing (n=1:Set,n=0:Repeat)	Same
27 81 36	(1B) (51) 24	ESC Q \$	Deselect Printer	Same
27 82	(1B) (52)	ESC R	Set Default Tab	
27 83 n	(1B) (53)	ESC S n	Set Super/Subscript n = 1 selects subscript n = 0 selects superscript	Same
27 84	(1B) (54)	ESC T	Reset Super/Subscript	Same
27 85 n	(1B) (55)	ESC U n	Unidirectional print (n=1:Set;n=0:Reset)	Same
27 87 n	(1B) (57)	ESC W n	Set Double Wide (n=1:Set,n=0:Reset)	Same
27 88 n1 n2	(1B) (58)	ESC X n1 n2	Set Left/Right Margin (n1:left margin) (n:Binary)	Same (n2:Right Margin)
27 89 n1 n2 D1...DK	(1B) (59)	ESC Y n1 n2 D1,DK	Double Density Graphic See page 116	Same
27 90 n1 n2 D1...DK	(1B) (5A)	ESC Z n1n2D1...DK	Quadruple Density Graphic See page 117	Same
27 91 64	(1B) (5B) (40)	ESC [@	Set Double High	Same
27 91 92	(1B) (5B) (5C)	ESC [\	Select Vertical Units	Same
27 91 103	(1B) (5B) (67)	ESC [g	Select Graphics Mode See page 110	Same
27 92 n1 n2	(1B) (5C)	ESC \ n1 n2	Print Continuously from All Character Chart (n:Character Number)	Same

27 93	(1B) (5D)	ESC]	Reverse Feed	
27 94	(1B) (5E)	ESC ^	Print one character from All Character Chart	Same
27 95 n	(1B)	ESC - n	Set/Reset Overscore (n=1:Set, n=0:Reset)	Same
27 100 n1 n2	(1B) (64) n1 n2	ESC d n1 n2	Move Print Position (1/120") (n:Binary)	Same
27 106	(1B) (6A)	ESC j	Stop Printing	Same

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