

TANDY CONTROL CODES

CODE						
DEC.	HEX	SYMBOL	DP MODE	WP MODE	BI MODE	REMARKS
7	(07)	BEL	Sound buzzer	Sound buzzer	Sound buzzer	
8 n	(08)	BS n	Backspace (n= Binary) n: BS point NO	Backspace (n= Binary) n: BS point NO	Ignored	1<n<255
10 or 138	(0A) or (8A)	LF	Line Feed	Line Feed 1/6" LF	Line Feed 7/72" LF	
12	(0C)	FF	Form Feed	Form Feed	Form Feed	Page length is selectable
13 or 141	(0D) or (8D)	CR	Carriage Return only or plus Line Feed	Carriage Return only or plus Line Feed	Carriage Return only or plus Line Feed	DIP switch selects CR or CR or CR + LF
14	(0E)	SO	End Underline	End Underline	Ignored	
15	(0E)	SI	Start Underline	Start Underline	Ignored	
18	(12)	DC2	Select Graphics Mode	Select Graphics Mode	Ignored	
19	(13)	DC3	Ignored	Select DP Mode	Ignored	
20	(14)	DC4	Select WP Mode	Ignored	Ignored	
27 n	(1B)	ESC n	Microspacing n:dot number	Microspacing n:dot number	Ignored	1 < n < 9
27 10	(1B) (0A)	ESC LF	Set 1/6" Reverse Line Feed	Perform 1/6" Reverse Line Feed	Ignored	
27 14	(1B) (0E)	ESC SO	Start Elongation	Start Elongation	Start Elongation	
27 15	(1B) (0F)	ESC SI	End Elongation	End Elongation	End Elongation	
27 16 n1	(1B) (10)	ESC POS n1	Positioning	Positioning	Positioning	n1n2 indicate position from home position

n2		n2				
27	(1B)	ESC	Select NLQ Proportional Character	Select NLQ Proportional Character	Ignored	
17	(11)	DC1				
27	(1B)	ESC	Select NLQ 10 CPI Character	Select NLQ 10 CPI Character	Ignored	10 CPI
18	(12)	DC2				
27	(1B)	ESC	Select Standard 10 CPI Character	Select Standard 10 CPI Character	Ignored	10 CPI
19	(13)	DC3				
27	(1B)	ESC	Select Condensed Character	Select Condensed Character	Ignored	17 CPI
20	(15)	DC4				
27	(1B)	ESC	Set CR = CR only	Set CR = CR only	Set CR = CR only	Reset DIP Switch 2
21	(16)	NAK				
27	(1B)	ESC	Set CR = CR + LF	Set CR = CR + LF	Set CR = CR + LF	Reset DIP Switch 2
22	(16)	SYN				
27	(1B)	ESC	Select Compressed Character	Select Compressed Character	Ignored	12 CPI
23	(17)	ETB				
27	(1B)	ESC	Perform 1/8"LF	Perform 1/8"LF	Perform 1/8"LF	1/48"
26	(1A)	SUB				
27	(1B)	ESC	Set 1/2" LF	Set 1.2" LF	Ignored	1/12"
28	(1C)	FS				
27	(1B)	ESC	Select NLQ Compressed Character	Select NLQ Compressed Character	Ignored	12 CPI
29	(1D)	GS				
27	(1B)	ESC	Select 1/12" Reverse LF	Perform 1/12" Reverse LF	Ignored	1/12"
30						
27	(1B)	ESC	Select Bold Character	Select Bold Character	Ignored	Invalid in condensed, microfont, & superscript
31						
27	(1B)	ESC	End Bold Character	End Bold Character	Ignored	
32	(20)	SP				
27	(1B)	ESC	Select IBM Mode	Select IBM Mode	Select IBM Mode	

33	(21)	!				
27	(1B)	ESC	Perform 1/12" LF	Perform 1/12" LF	Perform 1/12" LF	1/72"
50	(32)	2				
27	(1B)	ESC	Perform 1/36" LF	Perform 1/36" LF	Perform 1/36" LF	1/216"
51	(33)	3				
27	(1B)	ESC	Specify Page Length	Specify Page Length	Specify Page Length	n x 1/6" 0 < n < 255
52	4					
n	(34)	n				
27	(1B)	ESC	Set 1 LF	Ignored	Ignored	1/6"
54	(36)	6				
27	(1B)	ESC	Set 3/4" LF	Perform 3/4" LF	Ignored	1/8"
56	(38)	8				
27	(1B)	ESC	Perform 1/24" LF	Perform 1/24" LF	Perform 1/24" LF	1/144"
57	(39)	9				
27	(1B)	ESC	Select IBM Character Set 1	Select IBM Character Set 1	Ignored	
58	(3A)	:				
27	(1B)	ESC	Select Tandy Character Set	Select Tandy Character Set	Ignored	
59	(3B)	;				
27	(1B)	ESC	Set n/144" LF	Perform n/144" LF	Perform n/144" LF	
64	(40)	@				
n		n				
27	(1B)	ESC	Select Italic Character	Select Italic Character	Ignored	n=1: Starts Italics n=0: Ends Italics
66	(42)	B				
n		n				
27	(1B)	ESC	Set n/6" Skip Perforation	Set n/6" Skip Perforation	Set n/6" Skip Perforation	n=0: Ends Skip Perforation
72	(48)	H				
n		n				
27	(1B)	ESC	Select Microfont	Select Microfont	Ignored	1/2" LF is set
77	(4D)	M				
27	(1B)	ESC	Set Left Margin	Set Left Margin	Ignored	Set at Posi- tion (nXchar- acter Width)
81	(51)	Q				
n		n				
27	(1B)	ESC	Set Right Margin	Set Right Margin	Ignored	Set at Posi- tion (nXchar- acter Width)
82	(52)	R				
n		n				
27	(1B)	ESC	n=0 Select Superscript n=1 Selects	n=0 Set Superscript n=1 Select	Ignored	ESC-X ends this selection
83	(53)	S				
n		n				

			Subscript	Subscript		
27 85 n	(1B) (55)	ESC U n	n=0 Sets Bi-directional n=1 Sets Uni-directional	n=0 Sets Bi-directional n=1 Sets Uni-directional	Ignored	
27 88	(1B) (58)	ESC X	End Superscript and Subscript	End Superscript and Subscript	Ignored	
27 89 n	(1B) (59)	ESC Y n	Select Country Character	Select Country Character	Ignored	n=32~42
28 n1 n2	(1C)	FS n1 n2	Repeat Character (undefined code is ignored)	Repeat Character (undefined code is ignored)	Repeat Print Data	n1: Repeat # n2: Char. or print data
30	(1E)	RS	Ignored	Ignored	End Graphics Mode	
127	(7F)	DEL	Ignored	Ignored	Ignored	

IGNORED OR UNDEFINED CODES

Codes that are unusable or undefined in a given print mode are either ignored or printed with the symbol which represents an invalid code.

There are several reasons a code can 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. And there are many ASCII control codes in the range 0 to 31 that the DMP-133 simply does not recognize. ASCII 0, for example, is not used in any of the 3 print codes.

The following table summarizes the undefined print codes.

TABLE 19. DMP-133 IGNORED CONTROL CODES

ALL MODES

- * Out of range on repeat sequence.
- * Out of range on POS sequence.
- * Redundant codes that do not change the current Printer status.

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 26), (27 33), (27 50), (27 51), (27 52 n), (27 57), (27 64 n), (27 72 n), (28 n1 n2), and (30).

Unprintable repeat sequence data n2 is also ignored.

CODES PRINTED AS X

IN DP AND WP MODES:

- * All codes from 0-31 and 128-159, except the active function codes of the above ignored codes.

* Unprintable repeat data n2.

(smm 07/26/93)

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