DMP 204/205/206/2103 Epson Control Code Faxback Doc. # 4256 (260-2883/2904/2906/2850)

PRINTER OPERAT	FION/DATA CONTROL SEQUENCE	
DEC.	HEX.	MNEMONIC
13	OD	CR
and then do a d	carriage return with or wit	int the current buffer contents hout line feed (Function Switch nt head to the left margin of the
17	11	DC1 *
	set the printer to acce s deselected the printer.	pt data from a computer after the
19	13	DC3 *
Print suppress computer.	mode set the printer so	it does not accept data from the
24	18	CAN
Cancel clear	r all print information in	the internal buffer.
27 35	1B 23	ESC #
Cancels the MSE	B control set by the ESC =	or ESC > command.
27 60	1B 3C	ESC <
One-line unidin prints from les		t head to left-most position, then
27 61	1B 3D	ESC =
Set the MSB (N	Most significant bit) of al	l incoming data to 0.
27 62	1B 3E	ESC >
Set the MSB of	all incoming data to 1.	
27 64	1B 40	ESC @
Initialize the	printer.	
27 85 n	1B 55 n	ESC U n
Selects/deseled	cts unidirectional printing	mode.
n = 1 Unidired n = 0 Bidirect		

127	7 F	DEL
Deletes a character just	input before the DEL cod	e.
27 114 n	1B 72 n	ESC r n
Selects a print color fro	om seven colors.	
<pre>n = 0 Black n = 1 Magenta n = 2 Cyan n = 3 Violet n = 4 Yellow n = 5 Red n = 6 Green</pre>		
* To enable these codes,	turn the power on while	pressing FONT.
VERTICAL MOTION CONTROL	SEQUENCES	
DEC.	HEX.	MNEMONIC
10	0A	LF
Line feed does a line switch #2 LF).	feed with or without car	riage return (Function
11	0B	VT
	e paper to the next verti and does a carriage retu	
12	0C	FF
Form feed feeds paper	to the top of next page	after printing.
27 43 n	1B 2B n	ESC + n
Selects n/250 inch line	spacing. (0 <n<255)< td=""><td></td></n<255)<>	
27 47 n	1B 2F n	ESC / n
Selects the vertical tab	channel used by VT. (0 <n< td=""><td><7)</td></n<>	<7)
27 48	1B 30	ESC 0
Sets 1/8-inch line feed.		
Sets 1/8-inch line feed.	1B 32	ESC 2
	1B 32	ESC 2
27 50	1B 32 1B 33 n	ESC 2 ESC 3
27 50 Sets 1/6-inch line feed.	1B 33 n	

Selects n/60 inch line spacing. (0<n<127) 27 66 n1 ... n16 0 1B 42 n1 ... n16 00 ESC B n1 ... n16 NUL Sets vertical tab stops in channel 0. (0 < n < 255)27 67 n 1B 43 n ESC C n Sets the page length in lines. $(0 \le n \le 127)$ 27 67 00 n 1B 43 00 n ESC C NUL n Sets the page length in inches. (0 < n < 22)27 74 n 1B 4A n ESC J n Performs n/180 inch line feed. 27 78 n 1B 4E n ESC N n Sets skip over perforation. (1<n<127) 27 79 1B 4F ESC O Cancels skip over perforation. 27 98 m n1 ... n16 0 1B 62 m n1 ... n16 00 ESC b m n1 ... n16 NUL Sets vertical tab stops in each channel. m = channel number (0<m<7) (1<n<127) 27 106 n 1B 6A n ESC j n Performs reverse line feed for n/180 inch. HORIZONTAL MOTION CONTROL SEQUENCES DEC. HEX. MNEMONIC 8 08 BS Backspace -- moves the print head to the left one character space. 9 09 ΗΨ Horizontal tab -- moves to next horizontal tab position. 1B 24 n1 n2 27 36 n1 n2 ESC \$ n1 n2 Sets absolute print position. Distance from left margin = $(n1 + (n2 \times 256)) \times 1/60$ inch 27 68 n1 ... n32 0 1B 44 n1 ... n32 00 ESC D n1 ... n32 NUL Sets horizontal tab stops. (1<n<255)

27 81 n	1B 51 n		ESC Q n	
Sets the right margin.				
27 92 n1 n2	1B 5C n1	n2	ESC \ n	
Sets relative print pos position to the right.				
27 108 n	1B 6C n		ESC n	
Sets left margin. (0 <n<255)< td=""></n<255)<>				
PRINTING STYLE CONTROL	SEQUENCES]		
DEC.	HEX.		MNEMONIC	
27 33 n	1B 21 n		ESC ! n	
Selects a combination o Feature	f printing	characteristics Equivalent Comm		
<pre>n = 0 10 cpi n = 1 12 cpi n = 2 Proportional n = 4 Condensed pri n = 8 Emphasized pr n = 16 Double-strike n = 32 Double-width n = 64 Italic printi n = 128 Underline</pre>	nting inting printing printing	ESC P ESC M ESC p SI/DC2 ESC E/ESC F ESC G/ESC H ESC W ESC 4/ESC 5 ESC -		
27 107 n	1B 6B n		ESC k n	
Selects LQ font.				
n = 0 Roman n = 1 Sans serif n = 2 Courier n = 3 Prestige				
27 120 n	1B 78 n		ESC x n	
Selects the LQ or the draft mode.				
n = 0 Draft mode n = 1 LQ mode				

NOTES:

- ° You must use the CODE setting on the front panel method for these control codes to become effective.
- ° You can select SSD mode only by using the front panel method. There is no control code to select SSD.

PRINT SIZE COMMANDS		
DEC.	HEX.	MNEMONIC
14	OE	SO
Selects double-width mo	de (one line).	
15	OF	SI
Selects condensed mode	(10 cpi to 17.1 cpi, 12 cp	i to 20 cpi).
18	12	DC2
Cancels condensed mode.		
20	14	DC4
Cancels double-width mo	de set by SO.	
27 77	1B 4D	ESC M
Selects 12 cpi.		
27 80	1B 50	ESC P
Selects 10 cpi.		
27 87 n	1B 57 n	ESC W n
Selects or deselects do	uble-width mde.	
n = 1 Start double-wid n = 0 End double-width		
27 103	1B 67	ESC g
Selects 15 cpi.		
27 112 n	1B 70 n	ESC p n
Sets proportional mode.		
<pre>n = 1 Select proportio n = 0 Cancel proportio</pre>		
27 119 n	1B 77 n	ESC w n
Selects or deselects do	uble-height.	
<pre>n = 1 Start double-hei n = 0 End double-heigh</pre>		

PRINT ENHANCEMENT CONTROL SEQUENCES

DEC.	HEX.			MNEMONIC	
27 32 n	1B 20 r	1		ESC SP n	
Sets inter-character	space (0 <n<< td=""><td><127).</td><td></td><td></td><td></td></n<<>	<127).			
	Draft (10, 1/120 incl			0/12/15 cpi) inch	Proportional 1/180 inch
27 40 45 n1 n2 m d1 c	12 1B 28 2	2D n1 n2	m d1 d2	ESC (- nl r	12 m d1 d2
Selects line.					
n1 = 3 $n2 = 0$ m	= 1				
dl = 1 Underline dl = 2 Strike-throug dl = 3 Overscore	Jh	d2 = 1 d2 = 2	-	e line.	
27 45 n	1B 2D r	1		ESC - n	
Underline.					
<pre>n = 1 Start underlin n = 2 End underline</pre>	ne				
27 52	1B 34			ESC 4	
Selects italic mode.					
27 53 Cancels italic mode.	1B 35			ESC 5	
27 54	1B 36			ESC 6	
Enables printing of a	codes 128 th	rough 1	59 as char	acters.	
27 55	1B 37			ESC 7	
Enables printing of a	codes 128 th	nrough 1	59 as cont	rol codes.	
27 69	1B 45			ESC E	
Selects emphasized mo	ode.				
27 70	1B 46			ESC F	
Cancels emphasized mo	ode.				
27 71	1B 47			ESC G	
Selects double-strike	e mode.				

Sets superscript/subscrip n = 1 Select subscript p n = 0 Select superscript 27 84 Ends superscript/subscrip	1B 53 n t mode. rinting printing 1B 54	ESC S n ESC T n ESC a n
Sets superscript/subscrip n = 1 Select subscript p n = 0 Select superscript 27 84 Ends superscript/subscrip	t mode. rinting printing 1B 54 t mode.	ESC T n
<pre>n = 1 Select subscript p n = 0 Select superscript 27 84 Ends superscript/subscrip</pre>	rinting printing 1B 54 t mode.	
n = 0 Select superscript 27 84 Ends superscript/subscrip	1B 54 t mode.	
Ends superscript/subscrip	t mode.	
		ESC a n
27 97 n	1B 61 n	ESC a n
Selects justification.		
<pre>n = 0 Left justification n = 1 Centering n = 2 Right justificatio n = 3 Full justification</pre>	n	
27 113 n	1B 71 n	ESC q
Selects character style.		
<pre>n = 0 Normal character n = 1 Outline character n = 2 Character with sha n = 3 Outline character</pre>		
CHARACTER TABLE CONTROL	SEQUENCES	
DEC.	HEX.	MNEMONIC
27 82 n	1B 52 n	ESC R n
Selects an international n = 0 U.S.A. n = 1 France n = 2 Germany n = 3 U.K. n = 4 Denmark n = 5 Sweden n = 6 Italy n = 7 Spain n = 8 Japan n = 9 Norway n = 10 Denmark II n = 11 Spain II n = 12 Latin America n = 64 Legal	character set	

27 116 n 1B 74 n ESC t n

Selects character code table.

n = 0 Italic character table n = 1 Graphic character table n = 2 Download character table.

FONT DOWNLOADING CONTROL SEQUENCE DEC. MNEMONIC HEX. 27 37 n 1B 25 n ESC % n Selects/Deselects the downloaded character set defined with ESC &. n = 0 Normal character set n = 1 Download character set 27 38 0 n m a0 a1 a2 1B 26 00 n m a0 a1 a2 ESC & n m a0 a1 a2 Defines download character codes (Function switch 4 set to on). n = Code for first character to download m = Code for last character to download a0 = Space before the character al = Character width a2 = Space after the character 27 58 0 n 0 1B 00 n 00 ESC NUL n NUL Copies the font in ROM to downloading area in RAM. n = 0Draft mode 0<n<8 LQ mode GRAPHIC IMAGE PRINTING CONTROL SEQUENCES DEC. HEX. MNEMONIC 1B 2A m n1, n2 d1...dk 27 42 m n1, n2 d1...dk ESC * m n1, n2 d1...dk Selects graphic mode. Total number of dots equals $n1 + (n2 \times 256)$. In modes 2, 3, and 40, adjacent dots cannot be printed. 60-dpi, 8-pin bit, Single-density mode m = 01 120-dpi, 8-pin bit, Double-density mode m = 120-dpi, 8-pin bit, Double-density, double-speed mode m = 2 m = 3 240-dpi, 8-pin bit, Quadruple-density mode m = 4 80-dpi, 8-pin bit, CRT I mode 90-dpi, 8-pin bit, CRT II mode m = 6 m = 3260-dpi, 24-pin bit, Single-density mode m = 33 120-dpi, 24-pin bit, Double-density mode m = 3890-dpi, 24-pin bit, CRT III mode m = 39 180-dpi, 24-pin bit, Triple-density mode m = 40 360-dpi, 24-pin bit, Hex-density mode

27 63 n m 1B 3F n m ESC ? n m Reassigns graphics mode n to mode m. n = "K", "L", "Y", or "Z".m = 60-dpi, 8-pin bit, Single-density mode 0 120-dpi, 8-pin bit, Double-density mode m = 1 m = 2 120-dpi, 8-pin bit, Double-density, double-speed mode m = 3 240-dpi, 8-pin bit, Quadruple-density mode m = 80-dpi, 8-pin bit, CRT I mode 4 m = 6 90-dpi, 8-pin bit, CRT II mode m = 3260-dpi, 24-pin bit, Single-density mode m = 33120-dpi, 24-pin bit, Double-density mode 90-dpi, 24-pin bit, CRT III mode m = 38180-dpi, 24-pin bit, Triple-density mode m = 39m = 40360-dpi, 24-pin bit, Hex-density mode 27 75 n1, n1 d1...dk 1B 4B n1, n1 d1...dk ESC K n1, n1 d1...dk Single-density 8-pin bit image mode. 60-dpi (dots per inch) $k = n1 + (256 \times n2)$ 1B 4C n1, n1 d1...dk ESC L n1, n1 d1...dk 27 76 n1, n1 d1...dk Double-density 8-pin bit image mode. 120-dpi 27 89 n1, n1 d1...dk 1B 59 n1, n1 d1...dk ESC Y n1, n1 d1...dk Double-density, double-speed 8-pin bit image mode. 120-dpi (horizontally adjacent dots cannot be printed) 27 90 n1, n1 d1...dk 1B 5A n1, n1 d1...dk ESC Z n1, n1 d1...dk Quadruple-density 8-pin bit image mode. 240-dpi (horizontally adjacent dots cannot be printed)

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