FUNCTION	PARAMETER	COMMAND	DECIMAL VALUE	HEXADECIMAL VALUE
JOB CONTROL COMMANDS				
Reset				
Universal exit language (ULE)		E_C%-12345X	027 037 045 049 050 051 052 053 088	1B 25 2D 31 32 33 34 35 58
Reset		E_CE	027 069	1B 45
Number of copies	# of copies	E_C&l# X *(x)*	027 038 108 # ... # 088 *(120)*	1B 26 6C # ... # 58 *(78)*
Simplex/Duplex print	simplex	E_C&l0S *(s)*	027 038 108 048 083 *(115)*	1B 26 6C 30 53 *(73)*
	duplex			
	long edge binding	E_C&l1S *(s)*	027 038 108 049 083 *(115)*	1B 26 6C 31 53 *(73)*
	short edge binding	E_C&l2S *(s)*	027 038 108 050 083 *(115)*	1B 26 6C 32 53 *(73)*
Long-Edge (left) Offset Registration	# of Decipoints (1/720")	E_C&l#U *(u)*	027 038 108 # ... # 085 *(117)*	1B 26 6C # ... # 55 *(75)*
Short-Edge (top) Offset Registration	# of Decipoints (1/720")	E_C&l#Z *(z)*	027 038 108 # ... # 090 *(122)*	1B 26 6C # ... # 5A *(7A)*
Page Side Selection	Next Side	E_C&a0G *(g)*	027 038 097 048 071 *(103)*	1B 26 61 30 47 *(67)*
	Front Side	E_C&a1G *(g)*	027 038 097 049 071 *(103)*	1B 26 61 31 47 *(67)*
	Back Side	E_C&a2G *(g)*	027 038 097 050 071 *(103)*	1B 26 61 32 47 *(67)*
Job Separation		E_C&l1T *(t)*	027 038 108 049 084 *(116)*	1B 26 6C 31 54 *(74)*
Paper Destination (Output Bin)	Upper Output Bin	E_C&l1G *(g)*	027 038 108 049 071 *(103)*	1B 26 6C 31 47 *(67)*
	Rear Output Bin	E_C&l2G *(g)*	027 038 108 050 071 *(103)*	1B 26 6C 32 47 *(67)*
Unit of Measure	# = Number of units per inch	E_C&u#D *(d)*	027 038 1147 # ... # 068 *(100)*	1B 26 75 # ... # 44 *(64)*

FUNCTION	PARAMETER	COMMAND	DECIMAL VALUE	HEXADECIMAL VALUE
PAGE CONTROL COMMANDS				
Page Lenth and Size				
Paper Source	Eject Page	E_C&l0H *(h)*	027 038 108 048 072 *(104)*	1B 26 6C 30 48 *(68)*
	Main Paper Source	E_C&l1H *(h)*	027 038 108 049 072 *(104)*	1B 26 6C 31 48 *(68)*
	Manual Feed	E_C&l2H *(h)*	027 038 108 050 072 *(104)*	1B 26 6C 32 48 *(68)*
	Manual Envelope Feed	E_C&l3H *(h)*	027 038 108 051 072 *(104)*	1B 26 6C 33 48 *(68)*
	Alternate Paper Source	E_C&l4H *(h)*	027 038 108 052 072 *(104)*	1B 26 6C 34 48 *(68)*
	Optional Large Paper Source	E_C&l5H *(h)*	027 038 108 053 072 *(104)*	1B 26 6C 35 48 *(68)*
	Envelope Feeder	E_C&l6H *(h)*	027 038 108 054 072 *(104)*	1B 26 6C 36 48 *(68)*
Page Size	Executive	E_C&l1A *(a)*	027 038 108 049 065 *(97)*	1B 26 6C 31 41 *(61)*
	Letter	E_C&l2A *(a)*	027 038 108 050 065 *(97)*	1B 26 6C 32 41 *(61)*
	Legal	E_C&l3A *(a)*	027 038 108 051 065 *(97)*	1B 26 6C 33 41 *(61)*
	A4	E_C&l26A *(a)*	027 038 108 050 054 065 *(97)*	1B 26 6C 32 36 41 *(61)*
	Monarch	E_C&l80A *(a)*	027 038 108 056 048 065 *(97)*	1B 26 6C 38 30 41 *(61)*
	COM 10	E_C&l81A *(a)*	027 038 108 056 049 065 *(97)*	1B 26 6C 38 31 41 *(61)*
	DL	E_C&l90A *(a)*	027 038 108 057 048 065 *(97)*	1B 26 6C 39 30 41 *(61)*
	C5	E_C&l91A *(a)*	027 038 108 057 049 065 *(97)*	1B 26 6C 39 31 41 *(61)*
	B5 Envelope	E_C&l100A *(a)*	027 038 108 049 048 048 065 *(97)*	1B 26 6C 31 30 30 41 *(61)*

FUNCTION	PARAMETER	COMMAND	DECIMAL VALUE	HEXADECIMAL VALUE
Orientation				
Orientation	Portrait	E_C&l0O *(o)*	027 038 108 048 079 *(111)*	1B 26 6C 30 4F *(6F)*
	Landscape	E_C&l1O *(o)*	027 038 108 049 079 *(111)*	1B 26 6C 31 4F *(6F)*
	Reverse Portrait	E_C&l2O *(o)*	027 038 108 050 079 *(111)*	1B 26 6C 32 4F *(6F)*
	Reverse Landscape	E_C&l3O (o)	027 038 108 051 079 *(111)*	1B 26 6C 33 4F *(6F)*
Print Direction	# Degrees of Rotation (counterclockwise. 90° increment's only)	E_C&a#P	027 038 097 #...# 080 *(112)*	1B 26 61 #...# 50 *(70)*
Margins and Text Length				
Top Margin	# of Lines	E_C&l#E *(e)*	027 038 108 #...# 069 *(101)*	1B 26 6C #...# 45 *(65)*
Text Length	# of Lines	E_C&l#F *(f)*	027 038 108 #...# 070 *(102)*	1B 26 6C #...# 46 *(66)*
Left Margin	# of Columns	E_C&a#L *(l)*	027 038 097 #...# 076 *(108)*	1B 26 61 #...# 4C *(6C)*
Reinght Margin	# of Columns	E_C&a#M *(m)*	027 038 097 #...# 077 *(109)*	1B 26 61 #...# 4D *(6D)*
Clear Horizontal Margins	_	E_C9	027 057	1B 39
Perforation Skip Mode				
Perforation Skip	Disable	E_C&l0L *(l)*	027 038 108 048 076 *(108)*	1B 26 6C 30 4C *(6C)*
	Enable	E_C&l1L *(l)*	027 038 108 049 076 *(108)*	1B 26 6C 31 4C *(6C)*
Horizontal Column Spacing				
Horizontal Motion Index (HMI)	# of 1/120" Increments	E_C&k#H *(h)*	027 038 107 # ... # 072 *(104)*	
Vertical Line Spacing				
Vertical Motion Index (VMI)	# of 1/48" Increments	E_C&l#C *(c)*	027 038 108 #...# 067 *(99)*	1B 26 6C #... # 43 *(63)*
Line Spacing (Lines per inch)	1 line /inch	E_C&l1D *(d)*	027 038 108 049 068 *(100)*	1B 26 6C 31 44 *(64)*
	2 lines/inch	E_C&l2D *(d)*	027 038 108 050 068 *(100)*	1B 26 6C 32 44 *(64)*
	3 lines/inch	E_C&l3D *(d)*	027 038 108 051 068 *(100)*	1B 26 6C 33 44 *(64)*
	4 lines/inch	E_C&l4D *(d)*	027 038 108 052 068 *(100)*	1B 26 6C 34 44 *(64)*
	6 lines/inch	E_C&l6D *(d)*	027 038 108 054 068 *(100)*	1B 26 6C 36 44 *(64)*
	8 lines/inch	E_C&l8D *(d)*	027 038 108 056 068 *(100)*	1B 26 6C 38 44 *(64)*
	12 lines/inch	E_C&l12D *(d)*	027 038 108 049 050 068 *(100)*	1B 26 6C 31 32 44 *(64)*
	16 lines/inch	E_C&l16D *(d)*	027 038 108 049 054 068 *(100)*	1B 26 6C 31 36 44 *(64)*
	24 lines/inch	E_C&l24D *(d)*	027 038 108 050 052 068 *(100)*	1B 26 6C 32 34 44 *(64)*
	48 lines/inch	E_C&l48D *(d)*	027 038 108 052 056 068 *(100)*	1B 26 6C 34 38 44 *(64)*

FUNCTION	PARAMETER	COMMAND	DECIMAL VALUE	HEXADECIMAL VALUE
CURSOR POSITIONING				
Vertical and Horizontal				
Vertical Position	# of Rows	E_C&a#R *(r)*	027 038 097 #...# 082 *(114)*	1B 26 61 #...# 52 *(72)*
	# of Units	E_C*p#Y *(y)*	027 042 112 #...# 089 *(121)*	1B 2A 70 #...# 59 *(79)*
	# of Decipoints	E_C&a#V *(v)*	027 038 097 #...# 086 *(118)*	1B 26 61 #...# 56 *(76)*
Horizontal Position	# of Columns	E_C&a#C *(c)*	027 038 097 #...# 067 *(99)*	1B 26 61 #...# 43 *(63)*
	# of Units	E_C*p#X *(x)*	027 042 112 #...# 088 *(120)*	1B 2A 70 #...# 58 *(78)*
	# of Decipoints	E_C&a#H *(h)*	027 038 097 #...# 072 *(104)*	1B 26 61 #...# 48 *(68)*
Half Line Feed		E_C=	027 061	1B 3D
End-of-Line Termination				
Line Termination	CR=CR, LF=LF, FF=FF	E_C&k0G *(g)*	027 038 107 048 071 *(103)*	1B 26 6B 30 47 *(67)*
	CR=CR+LF, LF=LF, FF=FF	E_C&k1G *(g)*	027 038 107 049 071 *(103)*	1B 26 6B 31 47 *(67)*
	CR=CR, LF=CR+LF, FF=CR+FF	E_C&k2G *(g)*	027 038 107 050 071 *(103)*	1B 26 6B 32 47 *(67)*
	CR=CR+LF, LF=CR+LF, FF=CR+FF	E_C&k3G *(g)*	027 038 107 051 071 *(103)*	1B 26 6B 33 47 *(67)*
Push/Pop Position				
Push/Pop Position	Push	E_C&f0S *(s)*	027 038 102 048 083 *(115)*	1B 26 66 30 53 *(73)*
	Pop	E_C&f1S *(s)*	027 038 102 049 083 *(115)*	1B 26 66 31 53 *(73)*
FONT SELEECTION				
Symbol Set Seletcion[1]				
Primary Symbol Set	ISO 60: Norwegian 1	E_C(0D	027 040 048 068	1B 28 30 44
	ISO 4: United Kingdom	E_C(1E	027 040 049 069	1B 28 31 45
	Windows 3.1 Latin 2	E_C(9E	027 040 057 069	1B 28 39 45
	ISO 69: French	E_C(1F	027 040 049 070	1B 28 31 46
	ISO 21: German	E_C(1G	027 040 049 071	1B 28 31 47
	ISO 15: Italian	E_C(0I	027 040 048 073	1B 28 30 49
	Microsoft Publishing	E_C(6J	027 040 053 074	1B 28 36 4A
	Desk Top	E_C(7J	027 040 055 074	1B 28 37 4A
	PS Text	E_C(10J	027 040 049 048 074	1B 28 31 30 4A
	MC Text	E_C(12J	027 040 049 050 074	1B 28 31 32 4A
	Ventura Inretnational	E_C(13J	027 040 049 051 074	1B 28 31 33 4A
	Ventura US	E_C(14J	027 040 049 052 074	1B 28 31 34 4A
	Ventura ITC Zapf Dingbats	E_C(9L	027 040 057 076	1B 28 39 3C
	PS ITC Zapf Dingbats	E_C(10L	027 040 049 048 076	1B 28 31 30 4C
	ITC Zapf Dingbats Series 100	E_C(11L	027 040 049 049 076	1B 28 31 31 4C
	ITC Zapf Dingbats Series 200	E_C(12L	027 040 049 050 076	1B 28 31 32 4C
	ITC Zapf Dingbats Series 300	E_C(13L	027 040 049 051 076	1B 28 31 33 4C
	Wingdings	E_C(579L	027 040 053 055 057 076	1B 28 35 37 39 4C
	PS Math	E_C(5M	027 040 053 077	1B 28 35 4D
	Ventura Math	E_C(6M	027 040 054 077	1B 28 36 4D
	Math- 8	E_C(8M	027 040 056 077	1B 28 38 4D
	Symbol	E_C(19M	027 040 049 057 077	1B 28 31 39 4D
	ISO 8859-1 (ECMA) Latin 1	E_C(0N	027 040 048 078	1B 28 30 4E
	ISO 8859-2: Latin 2	E_C(2N	027 040 050 078	1B 28 32 4E
	ISO 8859-9: Latin 5	E_C(5N	027 040 053 078	1B 28 35 4E
	ISO 11: Swedish	E_C(0S	027 040 048 083	1B 28 30 53
	ISO 17: Spanish	E_C(2S	027 040 050 083	1B 28 32 53
	Windows 3.1 Latin 5	E_C(5T	027 040 053 084	1B 28 35 54

1 Additional symbol sets are supported, refer to Table C-1 for a list of these symbol sets.

FUNCTION	PARAMETER	COMMAND	DECIMAL VALUE	HEXADECIMAL VALUE
Symbol Set Selection [1] -continued				
	PC Turchish	E_C(9T	027 040 057 084	1B 28 39 54
	ISO 6: ASCII	E_C(0U	027 040 048 085	1B 28 30 55
	Legal	E_C(1U	027 040 049 085	1B 28 31 55
	Roman-8	E_C(8U	027 040 056 085	1B 28 38 55
	Windows 3.0 Latin 1	E_C(9U	027 040 057 085	1B 28 39 55
	PC-8	E_C(10U	027 040 049 048 085	1B 28 31 30 55
	PC-8 D/N	E_C(11U	027 040 049 049 085	1B 28 31 31 55
	PC 850	E_C(12U	027 040 049 050 085	1B 28 31 32 55
	Pi Font	E_C(15U	027 040 049 053 085	1B 28 31 35 55
	PC-852	E_C(17U	027 040 049 055 085	1B 28 31 37 55
	Windows 3.1 Latin 1 (ANSI)	E_C(19U	027 040 049 057 085	1B 28 31 39 55
Spacing				
Primary Spacing	Fixed	E_C(s0P *(p)*	027 040 115 048 080 *(112)*	1B 28 73 30 50 *(70)*
	Proportional	E_C(s1P *(p)*	027 040 115 049 080 *(112)*	1B 28 73 31 50 *(70)*
Pitch				
Primary Pitch	# Characters/inch	E_C(s#H *(h)*	027 040 115 #... # 072 *(104)*	1B 28 73 #...# 48 *(68)*
Set Pitch Mode	10.0 .	E_C&k0S *(s)*	027 038 107 048 083 *(115)*	1B 26 6B 30 53 *(73)*
	Compressed (16.5-16.7)	E_C&k2S *(s)*	027 038 107 050 083 *(115)*	1B 26 6B 32 53 *(73)*
	Elite(12.0)	E_C&k4S *(s)*	027 038 107 052 083 *(115)*	1B 26 6B 34 53 *(73)*
Point Size				
Primary Height	# Points	E_C(s#V *(v)*	027 040 115 #...# 086 *(118)*	1B 28 73 #...# 56 *(76)*

1 Additional symbol sets are supported, refer to Table C-1 for a list of these symbol sets.

FUNCTION	PARAMETER	COMMAND	DECIMAL VALUE	HEXADECIMAL VALUE
Style				
Primary Style	Upright (Solid)	E_C(s0S *(s)*	027 040 115 048 083 *(115)*	1B 28 73 30 53 *(73)*
	Italic	E_C(s1S *(s)*	027 040 115 049 083 *(115)*	1B 28 73 31 53 *(73)*
	Condensed	E_C(s4S *(s)*	027 040 115 052 083 *(115)*	1B 28 73 34 53 *(73)*
	Condensed Italic	E_C(s5S *(s)*	027 040 115 053 083 *(115)*	1B 28 73 35 53 *(73)*
	Compressed (Extra Condensed)	E_C(s8S *(s)*	027 040 115 056 083 *(115)*	1B 28 73 38 53 *(73)*
	Expanded	E_C(s24S *(s)*	027 040 115 050 052 083 *(115)*	1B 28 73 32 34 53 *(73)*
	Outline	E_C(s32S *(s)*	027 040 115 051 050 083 *(115)*	1B 28 73 33 32 53 (73)
	Inline	E_C(s64S *(s)*	027 040 115 054 052 083 *(115)*	1B 28 73 36 34 53 *(73)*
	Shadowed	E_C(s128S *(s)*	027 040 115 049 050 056 083 *(115)*	1B 28 73 31 32 38 53 *(73)*
	Outline Shadowed	E_C(s160S *(s)*	027 040 115 049 054 048 083 *(115)*	1B 28 73 31 36 30 53 *(73)*

Additional style values may be obtained from the related documentation provided with HP ´s font products.
PCL 5 LaserJet Printers allow you to specify complex structures (contours, outlines, shading, etc.) and widths as well as posture. Refer to the PCL 5 LaserJet Technical Reference Manual.

Stroke Weight				
Primary Font Stroke Weight	Ultra Thin	E_C(s-7B *(b)*	027 040 115 045 055 066 *(98)*	1B 28 73 2D 37 42 *(62)*
	Extra Thin	E_C(s-6B *(b)*	027 040 115 045 054 066 *(98)*	1B 28 73 2D 38 42 *(62)*
	Thin	E_C(s-5B *(b)*	027 040 115 045 053 066 *(98)*	1B 28 73 2D 35 42 *(62)*
	Extra Light	E_C(s-4B *(b)*	027 040 115 045 052 066 *(98)*	1B 28 73 2D 34 42 *(62)*
	Light	E_C(s-3B *(b)*	027 040 115 045 051 066 *(98)*	1B 28 73 2D 33 42 *(62)*
	Demi Light	E_C(s-2B *(b)*	027 040 115 045 050 066 *(98)*	1B 28 73 2D 32 42 *(62)*
	Semi Light	E_C(s-1B *(b)*	027 040 115 045 049 066 *(98)*	1B 28 73 2D 31 42 *(62)*
	Medium (book or text)	E_C(s0B *(b)*	027 040 115 048 066 *(98)*	1B 28 73 30 42 *(62)*
	Semi Bold	E_C(s1B *(b)*	027 040 115 049 066 *(98)*	1B 28 73 31 42 *(62)*
	Demi Bold	E_C(s2B *(b)*	027 040 115 050 066 *(98)*	1B 28 73 32 42 *(62)*
	Bold	E_C(s3B *(b)*	027 040 115 051 066 *(98)*	1B 28 73 33 42 *(62)*
	Extra Bold	E_Cs4B *(b)*	027 040 115 052 066 *(98)*	1B 28 73 34 42 *(62)*
	Black	E_C(s5B *(b)*	027 040 115 053 066 *(98)*	1B 28 73 35 42 *(62)*
	Extra Black	E_C(s6B *(b)*	027 040 115 054 066 *(98)*	1B 28 73 36 42 *(62)*
	Ultra Black	E_C(s7B *(b)*	027 040 115 055 066 *(98)*	1B 28 73 37 42 *(62)*

FUNCTION	PARAMETER	COMMAND	DECIMAL VALUE	HEXADECIMAL VALUE
Primary Typeface Family				
Typeface Family	LinePrinter	E_C(s0T *(t)*	027 040 115 048 084 *(116)*	1B 28 73 30 54 *(74)*
	Albertus	E_C(s4362T *(t)*	027 040 115 052 051 054 050 084 *(116)*	1B 28 73 34 33 36 32 54 *(74)*
	Antique Olive	E_C(s4168T *(t)*	027 040 115 052 049 054 056 084 *(116)*	1B 28 73 34 31 36 38 54 *(74)*
	Clarendon	E_C(s4140T *(t)*	027 040 115 052 049 052 048 084 *(116)*	1B 28 73 34 31 34 30 54 *(74)*
	Coroner	E_C(s4116T *(t)*	027 040 115 052 049 049 054 084 *(116)*	1B 28 73 34 31 31 36 54 *(74)*
	Courier	E_C(s3T *(t)*	027 040 115 051 084 *(116)*	1B 28 73 33 54 *(74)*
	Courier	E_C(s4099T *(t)*	027 040 115 052 048 057 057 084 *(116)*	1B 28 73 34 30 39 39 54 *(74)*
	ITC Zapf Dingbats	E_C(s4141T *(t)*	027 040 115 052 049 052 049 084 *(116)*	1B 28 73 34 31 34 31 54 *(74)*
	Garamond Antiqua	E_C(s4197T *(t)*	027 040 115 052 049 057 055 084 *(116)*	1B 28 73 34 31 39 37 54 *(74)*
	Letter Gothic	E_C(s4102T *(t)*	027 040 115 052 049 048 050 084 *(116)*	1B 28 73 34 31 30 32 54 *(74)*
	Marigold	E_C(s4297T *(t)*	027 040 115 052 050 057 055 084 *(116)*	1B 28 73 34 32 39 37 54 *(74)*
	CG Omega	E_C(s4113T *(t)*	027 040 115 052 049 049 051 084 *(116)*	1B 28 73 34 31 31 33 54 *(74)*
	CG Times	E_C(s4101T *(t)*	027 040 115 052 049 048 049 084 *(116)*	1B 28 73 34 31 30 31 54 *(74)*
	Univsers	E_C(s4148T *(t)*	027 040 115 052 049 052 056 084 *(116)*	1B 28 73 34 31 34 38 54 *(74)*
	Arial	E_C(s16602T *(t)*	027040115049054054048050084 *(116)*	1B2873313636303254 *(74)*
	Times New Roman	E_C(s16901T *(t)*	027040115049054057048049084 *(116)*	1B2873313639303154 *(74)*
	Symbol	E_C(s16686T *(t)*	027040115049054054056054084 *(116)*	1B2873313636383654 *(74)*
	Wingdings	E_C(s31402T *(t)*	027040115051049052048050084 *(116)*	1B2873333134303254 *(74)*
Font Default 1				
Font Default	Primary Font	E_C(3@	027 040 051 064 .	1B 28 33 40
	Secondary Font	E_C)3@	027 041 051 064 .	1B 29 33 40
Underline				
Underline	Enable Fiwed	E_C&d0D *(d)*	027 038 100 048 068 *(100)*	1B 26 64 30 44 (64)
	Enable Floating	E_C&d3D *(d)*	027 038 100 051 068 *(100)*	1B 26 64 33 44 *(64)*
	Disable	E_C&d@	027 038 100 064 .	1B 26 64 40
Transparent Print				
Transparent Print Data	# of Bytes	E_C&p#X[Data]	027 038 112 #...# 088 .	1B 26 70 #...# 58

1 Additional typefaces are supported, refer to Table C-2 and C-3 for a list of these symbol sets.

FUNCTION	PARAMETER	COMMAND	DECIMAL VALUE	HEXADECIMAL VALUE
FONT MANAGEMENT				
Assign Font ID	Font ID #	E_C*c#D *(d)*	027 042 099 #...# 068 *(100)*	1B 2A 63 #...# 44 *(64)*
Font and Character Control	Delete All Fonts	E_C*c0F *(f)*	027 042 099 048 070 *(102)*	1B 2A 63 30 46 *(66)*
	Delete all temporary fonts	E_C*c1F *(f)*	027 042 099 049 070 *(102)*	1B 2A 63 31 46 *(66)*
	Delete last font ID specified	E_C*c2F *(f)*	027 042 099 050 070 *(102)*	1B 2A 63 32 46 *(66)*
	Delete last character specified	E_C*c3F *(f)*	027 042 099 051 070 *(102)*	1B 2A 63 33 46 *(66)*
	Make font temporary	E_C*c4F *(f)*	027 042 099 052 070 *(102)*	1B 2A 63 34 46 *(66)*
	Make font permanent	E_C*c5F *(f)*	027 042 099 053 070 *(102)*	1B 2A 63 35 46 *(66)*
	Copy/Assign the currentlz invoked font as temporary	E_C*c6F *(f)*	027 042 099 054 070 *(102)*	1B 2A 63 36 46 *(66)*
Soft Symbol Set Management/Creation				
Set Symbol Set	ID #	E_C*c#R *(r)*	027 042 099 #...# 082 *(114)*	1B 2A 63 #...# 52 *(72)*
Define Symbol Set	# of Bytes	E_C(f#W[Data]	027 040 102 #...# 087 .	1B 28 66 #...# 57
Symbol Set Control	Delete all symbol sets	E_C*c0S *(s)*	027 042 099 048 083 *(115)*	1B 2A 63 30 53 *(73)*
	Delete all temporary symbol sets	E_C*c1S *(s)*	027 042 099 049 083 *(115)*	1B 2A 63 31 53 *(73)*
	Delete current soft symbol set (last ID#)	E_C*c2S *(s)*	027 042 099 050 083 *(115)*	1B 2A 63 32 53 *(73)*
	Make current soft symbol set temporary	E_C*c4S *(s)*	027 042 099 052 083 *(115)*	1B 2A 63 34 53 *(73)*
	Make current soft symbol set permanent	E_C*c5S *(s)*	027 042 099 053 083 *(115)*	1B 2A 63 35 53 *(73)*

FUNCTION	PARAMETER	COMMAND	DECIMAL VALUE	HEXADECIMAL VALUE
Font Selection by ID Number				
Select font (with ID #)	ID # primary font	E_C(#X	027 040 #...# 088 .	1B 28 #...# 58
	ID # secondary font	E_C)#X	027 041 #...# 088 .	1B 29 #...# 58
SOFT FONT CREATION				
Font descriptor (font header)	# of bytes	E_C)s#W[Data]	027 041 115 #...# 087 .	1B 29 73 #...# 57
Download character	# of bytes	E_C(s#W[Data]	027 040 115 #...# 087 .	1B 28 73 #...# 57
Character code	Character code # (decimal)	E_C*c#E *(e)*	027 042 099 #...# 069 *(101)*	1B 2A 63 #...# 45 *(65)*
GRAPHICS				
Raster Grapnics				
Raster Resolution	75 dots/inch	E_C*t75R *(r)*	027 042 116 055 053 082 *(114)*	1B 2A 74 37 35 52 *(72)*
	100 dots/inch	E_C*t100R *(r)*	027 042 116 049 048 048 082 *(114)*	1B 2A 74 31 30 30 52 *(72)*
	150 dost/inch	E_C*t150R *(r)*	027 042 116 049 053 048 082 *(114)*	1B 2A 74 31 35 30 52 *(72)*
	200 dots/inch	E_C*t200R *(r)*	027 042 116 050 048 048 082 *(114)*	1B 2A 74 32 30 30 52 *(72)*
	300 dots/inch	E_C*t300R *(r)*	027 042 116 051 048 048 082 *(114)*	1B 2A 74 33 30 30 52 *(72)*
	600 dots/inch	E_C*t600R *(r)*	027 042 116 054 048 048 082 *(114)*	1B 2A 74 36 30 30 52 *(72)*

FUNCTION	PARAMETER	COMMAND	DECIMAL VALUE	HEXADECIMAL VALUE
Raster Graphics				
Raster Graphics Presentation	Follows orientation	E_C*r0F *(f)*	027 042 114 048 070 *(102)*	1B 2A 72 30 46 *(66)*
	Follows physical page	E_C*r3F *(f)*	027 042 114 051 070 *(102)*	1B 2A 72 33 46 *(66)*
Start Raster Graphics	Left Raster Graphics Margin	E_C*r0A *(a)*	027 042 114 048 065 *(97)*	1B 2A 72 30 41 *(61)*
	Current Cursor	E_C*r1A *(a)*	027 042 114 049 065 *(97)*	1B 2A 72 31 41 *(61)*
Raster Y Offset	# of Raster Lines of vertical movement	E_C*b#Y *(y)*	027 042 098 #...# 089 *(121)*	1B 2A 62 #...# 59 *(79)*
Set Raster Compression Mode	Unencoded	E_C*b0M *(m)*	027 042 098 048 077 *(109)*	1B 2A 62 30 4D *(6D)*
	Run-Length Encoded	E_C*b1M *(m)*	027 042 098 049 077 *(109)*	1B 2A 62 31 4D *(6D)*
	Tagged Image File Format	E_C*b2M *(m)*	027 042 098 050 077 *(109)*	1B 2A 62 32 4D *(6D)*
	Delta Row	E_C*b3M *(m)*	027 042 098 051 077 *(109)*	1B 2A 62 33 4D *(6D)*
	Adaptive compression	E_C*b5M *(m)*	027 042 098 053 077 *(109)*	1B 2A 62 35 4D *(6D)*
Transfer Raster Data by row	# of Bytes	E_C*b#W[Data]	027 042 098 #...# 087 *(109)*	1B 2A 62 #...# 57 *(6D)*
End Raster Graphics	Old version	E_C*rB *(b)*	027 042 114 066 *(98)*	1B 2A 72 42 *(62)*
	preferred	E_C*rC *(c)*	027 042 114 067 *(99)*	1B 2A 72 43 *(63)*
Raster Height	# Raster Rows	E_C*r#T *(t)*	027 042 114 # ... # 084 *(116)*	1B 2A 72 # ... # 54 *(74)*
Raster Width	# Pixels of the Specified Resolution	E_C*r#S *(s)*	027 042 114 #...# 083 *(115)*	1B 2A 72 #...# 53 *(73)*

FUNCTION	PARAMETER	COMMAND	DECIMAL VALUE	HEXADECIMAL VALUE
THE PRINT MODEL				
Imaging				
Select Current Pattern	Solid Black (default)	E_C*v0T *(t)*	027 042 118 048 084 *(116)*	1B 2A 76 30 54 *(74)*
	Solid White	E_C*v1T *(t)*	027 042 118 049 084 *(116)*	1B 2A 76 31 54 *(74)*
	HP-defined Shading Pattern	E_C*v2T *(t)*	027 042 118 050 084 *(116)*	,1B 2A 76 32 54 *(74)*
	HP- defined Cross-Hatched Pattern	E_C*v3T *(t)*	027 042 118 050 084 *(116)*	1B 2A 76 33 54 *(74)*
	User defined pattern	E_C*v4T *(t)*	027 042 118 052 084 *(116)*	1B 2A 76 34 54 *(74)*
Source Transparency Mode	Transparent	E_C*v0N *(n)*	027 042 118 048 078 *(110)*	1B 2A 76 30 4E *(6E)*
	Opaque	E_C*v1N *(n)*	027 042 118 049 078 *(110)*	1B 2A 76 31 4E *(6E)*
Pattern Transparency Mode	Transparent	E_C*v0O *(o)*	027 042 118 048 079 *(111)*	1B 2A 76 30 4F *(6F)*
	Opaque	E_C*v1O *(o)*	027 042 118 049 079 *(111)*	1B 2A 76 31 4F *(6F)*
Rectangle Dimensions				
Rectangle Width (Horiontal /size)	# of dots	E_C*c#A *(a)*	027 042 099 #...# 065 *(97)*	1B 2A 63 #...# 41 *(61)*
	# of decipoints	E_C*c#H *(h)*	027 042 099 #...# 072 *(104)*	1B 2A 63 #...# 48 (68)
Rectangle Height (Vertical Size)	# of dots	E_C*c#B *(b)*	027 042 099 #...# 066 *(98)*	1B 2A 63 #...# 42 *(62)*
	# of decipoints	E_C*c#V *(v)*	027 042 099 #...# 086 *(118)*	1B 2A 63 #...# 56 *(76)*

FUNCTION	PARAMETER	COMMAND	DECIMAL VALUE	HEXADECIMAL VALUE
Rectangular Area Fill				
Fill Rectangular Area	Solid Black	E_C*c0P *(p)*	027 042 099 048 080 *(112)*	1B 2A 63 30 50 *(70)*
	Erase (solid white fill)	E_C*c1P *(p)*	027 042 099 049 080 *(112)*	1B 1A 63 31 50 *(70)*
	Shaded Fill	E_C*c2P *(p)*	027 042 099 050 080 *(112)*	1B 2A 63 32 50 *(70)*
	Cross-hatched Fill	E_C*c3P *(p)*	027 042 099 051 080 *(112)*	1B 2A 63 33 50 *(70)*
	User-Defined	E_C*c4P *(p)*	027 042 099 052 080 *(112)*	1B 2A 63 34 50 *(70)*
	Current Pattern	E_C*p5P *(p)*	027 042 099 053 080 *(112)*	1B 2A 63 35 50 *(70)*
Pattern ID	% of Shading or /type of Pattern or User Pattern ID	E_C*c#G *(g)*	027 042 099 #...# 071 *(103)*	1B 2A 63 #...# 47 *(67)*
Shading	2 % Gray	E_C*c2G *(g)*	027 042 099 050 071 *(103)*	1B 2A 63 32 47 *(67)*
	10 % Gray	E_C*c10G *(g)*	027 042 099 049 048 071 *(103)*	1B 2A 63 31 30 47 *(67)*
	15 % Gray	E_C*c15G *(g)*	027 042 099 049 053 071 *(103)*	1B 2A 63 31 35 47 *(67)*
	30 % Gray	E_C*c30G *(g)*	027 042 099 051 048 071 *(103)*	1B 2A 63 33 30 47 *(67)*
	45 % Gray	E_C*c45G *(g)*	027 042 099 052 053 071 *(103)*	1B 2A 63 34 35 47 *(67)*
	70 % Gray	E_C*c70G *(g)*	027 042 099 055 048 071 *(103)*	1B 2A 63 37 30 47 *(67)*
	90 % Gray	E_C*c90G *(g)*	027 042 099 057 048 071 *(103)*	1B 2A 63 39 30 47 *(67)*
	100 % Gray	E_C*c100G *(g)*	027 042 099 049 048 048 071 *(103)*	1B 2A 63 31 30 30 47 *(67)*
Pattern	1 Horiz. Line	E_C*c1G *(g)*	027 042 099 049 071 *(103)*	1B 2A 63 31 47 *(67)*
	2 Vert. Line	E_C*c2G *(g)*	027 042 099 050 071 *(103)*	1B 2A 63 32 47 *(67)*
	3 Diagonal Lines	E_C*c3G *(g)*	027 042 099 051 071 *(103)*	1B 2A 63 33 47 *(67)*
	4 Diagonal Lines	E_C*c4G *(g)*	027 042 099 052 071 *(103)*	1B 2A 63 34 47 *(67)*
	5 Square Grid	E_C *c5G *(g)*	027 042 099 053 071 *(103)*	1B 2A 63 35 47 *(67)*
	6 Diagonal Grid	E_C*c6G *(g)*	027 042 099 054 071 *(103)*	1B 2A 63 36 47 *(67)*

FUNCTION	PARAMETER	COMMAND	DECIMAL VALUE	HEXADECIMAL VALUE
USER DEFINED PATTERN / MANAGENT CREATION				
Define Pattern	# of bytes	E_C*c#W[Data]	027 042 099 #...# 087	1B 2A 63 #...# 57
User-Defined Pattern Control	Delete all patterns	E_C*c0Q *(q)*	027 042 099 048 081 *(113)*	1B 2A 63 030 51 *(71)*
	Delete all temporary	E_C*c1Q *(q)*	027 042 099 049 081 *(113)*	1B 2A 63 031 51 *(71)*
	Delete current pattern	E_C*c2Q *(q)*	027 042 099 050 081 *(113)*	1B 2A 63 032 51 *(71)*
	Make pattern temporary	E_C*c4Q *(q)*	027 042 099 052 081 *(113)*	1B 2A 63 034 51 *(71)*
	Make pattern permanent	E_C*c5Q *(q)*	027 042 099 053 081 *(113)*	1B 2A 63 035 51 *(71)*
Set Pattern Reference	Rotate with orientation	E_C*p0R *(r)*	027 042 112 048 082 *(114)*	1B 2A 70 30 52 *(72)*
Point	Follow physical page	E_C*p1R *(r)*	027 042 112 049 082 *(114)*	1B 2A 70 31 52 *(72)*
MACROS				
Macro ID	Macro ID #	E_C&f#Y *(y)*	027 038 102 #...# 089 *(121)*	1B 26 66 #...# 59 *(79)*
Macro Control	Start Macro Def.	E_C&f0X *(x)*	027 038 102 048 088 *(120)*	1B 26 66 30 58 *(78)*
	Stop Macro Def.	E_C&f1X *(x)*	027 038 102 049 088 *(120)*	1B 26 66 31 58 *(78)*
	Execute Macro	E_C&f2X *(x)*	027 038 102 050 088 *(120)*	1B 26 66 32 58 *(78)*
	Call Macro	E_C&f3X *(x)*	027 038 102 051 088 *(120)*	1B 26 66 33 58 *(78)*
	Enable Overlay	E_C&f4X *(x)*	027 038 102 052 088 *(120)*	1B 26 66 34 58 *(78)*
	Disable Overlay	E_C&f5X *(x)*	027 038 102 053 088 *(120)*	1B 26 66 35 58 *(78)*
	Delete Macros	E_C&f6X *(x)*	027 038 102 054 088 *(120)*	1B 26 66 36 58 *(78)*
	Delete All Temp. Macros	E_C&f7X *(x)*	027 038 102 055 088 *(120)*	1B 26 66 37 58 *(78)*
	Delete Macro ID	E_C&f8X *(x)*	027 038 102 056 088 *(120)*	1B 26 66 38 58 *(78)*
	Make Temporary	E_C&f9X *(x)*	027 038 102 057 088 *(120)*	1B 26 66 39 58 *(78)*
	Make Permanent	E_C&f10X *(x)*	027 038 102 049 048 088 *(120)*	1B 26 66 31 30 58 *(78)*

FUNCTION	PARAMETER	COMMAND	DECIMAL VALUE	HEXADECIMAL VALUE
STATUS READBACK				
Set Status Readback Location Type	Invalid Location	E_C*s0T *(t)*	027 042 115 048 084 *(116)*	1B 2A 73 30 54 *(74)*
	Currently Selected	E_C*s1T *(t)*	027 042 115 049 084 *(116)*	1B 2A 73 31 54 *(74)*
	All Location	E_C*s2T *(t)*	027 042 115 050 084 *(116)*	1B 2A 73 32 54 *(74)*
	Internal	E_C*s3T *(t)*	027 042 115 051 084 *(116)*	1B 2A 73 33 54 *(74)*
	Downloaded	E_C*s4T *(t)*	027 042 115 052 084 *(116)*	1B 2A 73 34 54 *(74)*
	Cartridge	E_C*s5T *(t)*	027 042 115 053 084 *(116)*	1B 2A 73 35 54 *(74)*
	User/Installed ROM (SIMMs)	E_C*s7T *(t)*	027 042 115 055 084 *(116)*	1B 2A 73 37 54 *(74)*
Set Status Readback Location Unit	All entities of the Location Type	E_C*s0U *(u)*	027 042 115 048 085 *(117)*	1B 2A 73 30 55 *(75)*
	Entity 1 or Temporary	E_C*s1U *(u)*	027 042 115 049 085 *(117)*	1B 2A 73 31 55 *(75)*
	Entity 2 or Permanent	E_C*s2U *(u)*	027 042 115 050 085 *(117)*	1B 2A 73 32 55 *(75)*
	Entity 3	E_C*s3U *(u)*	027 042 115 051 085 *(117)*	1B 2A 73 33 55 *(75)*
	Entity 4	E_C*s4U *(u)*	027 042 115 052 085 *(117)*	1B 2A 73 34 55 *(75)*
Inquire Status Readback Entity	Font	E_C*s0I *(i)*	027 042 115 048 073 *(105)*	1B 2A 73 30 49 *(69)*
	Macro	E_C*s1I *(i)*	027 042 115 049 073 *(105)*	1B 2A 73 31 49 *(69)*
	User-defined Pattern	E_C*s2I *(i)*	027 042 115 050 073 *(105)*	1B 2A 73 32 49 *(69)*
	Symbol Set	E_C*s3I *(i)*	027 042 115 051 073 *(105)*	1B 2A 73 33 49 *(69)*
	Font Extended	E_C*s4I *(i)*	027 042 115 052 073 *(105)*	1B 2A 73 34 49 *(69)*
Flush All Pages	Fluch All complete pages	E_C&r0F *(f)*	027 038 114 048 070 *(120)*	1B 26 72 30 46 *(66)*
	Flush All Page Data	E_C&r1F *(f)*	027 038 115 049 070 *(120)*	1B 26 72 31 46 *(66)*
Free Memory Space	-	E_C*s1M *(m)*	027 042 115 049 077 *(109)*	1B 2A 73 31 4D *(6D)*
Echo	# = Echo value (-32767 to 32767)	E_C*s#X *(x)*	027 042 115 #...# 088 *(120)*	1B 2A 73 #...# 58 *(78)*
PROGRAMMING HINTS				
End-of-Line Wrap	Enabled	E_C&s0C *(c)*	027 038 115 048 067 *(99)*	1B 26 73 30 43 *(63)*
	Disabled	E_C&s1C *(c)*	027 038 115 049 067 *(99)*	1B 26 73 31 43 *(63)*
Display Functions	ON	E_CY	027 089 .	1B 59
	OFF	E_CZ	027 090 .	1B 5A

FUNCTION	PARAMETER	COMMAND	DECIMAL VALUE	HEXADECIMAL VALUE
PCL VECTOR GRAPHICS SWITCHING/SET-UP PICTURE FRAME				
Enter PCL Mode	Use previous PCL cursor position	E_C%0A	027 037 048 65 .	1B 25 30 41
	Use current HP-GL/2 pen position for cursor position	E_C%1A	027 037 049 65 .	1B 25 31 41
Enter HP-GL/2 Mode	Use Previous	E_C%0B	027 037 048 066 .	1B 25 30 42
	HP-GL/2 pen position			
	Use current PCL cursor position	E_C%1B	027 037 049 066 .	1B 25 31 42
HP-GL/2 Plot Horizontal size	Horizontal size in inches	E_C*c#K *(k)*	027 042 099 #...# 075 *(107)*	1B 2A 63 #...# 4B *(6B)*
HP-GL/2 Plot Vertical size	Vertical size in inches	E_C*c#L *(l)*	027 042 099 #...# 076 *(108)*	1B 2A 63 #...# 4C *(6C)*
Set Picture Frame Anchor Point	Set anchor point to cursor position	E_C*c0T *(t)*	027 042 099 048 084 *(116)*	1B 2A 63 30 54 *(74)*
Picture Frame Horizontal size	Decipoints	E_C*c#X *(x)*	027 042 099 #...# 088 *(120)*	1B 2A 63 #...# 58 *(78)*
Picture Frame Vertiscal size	Decipoints	E_C*c#Y *(y)*	027 042 099 #...# 089 *(121)*	1B 2A 63 #...# 59 *(79)*