Basic Epson ESC/POS Control Codes

The Epson ESC/POS™ command set is defined specifically for controlling POS peripheral devices such as point of sale printer, customer displays and cash drawers. This application note provides an overview of the some of the ESC/POS commands. Note not all ESC/POS peripherals support all commands.

Function Type	Command	Name	Code/Example (2)	Defined Range
Peripheral Device Control Command	ESC p	Generate Pulse to Open Cash Drawer	<1B>H<70>H ESC p m n1 n2 ESC p 0 25 250	m=0 or 1 n1 = 0 - 255 n2 = 0 - 255
	ESC u	Transmit peripheral device status (to host)	<1B>H<75>H Esc u n	n=0
Mechanical Control Commands	Esc i	Execute full cut (guillotine)	<1B>H<69>H Esc i	
	Esc m	Execute partial cut	<1B>H<6D>H Esc m	
	Esc o	Stamp	<1B>H<6F>H Esc o	

Notes:

(1) The "H" indicates that the number preceding it is in hexadecimal notation.

(2) Programming example of ESC p 0 25 250
PRINT #1, CHR$(&H1B); "p"; CHR$(0); CHR$(25); CHR$(250);