

ASCII CHARACTERS AND CODES

US Decimal, ASCII, and Hexadecimal Code Chart

Most Significant Bits

		Most Significant Bits							
		0	1	2	3	4	5	6	7
Hex Code	Binary Code	0000	0001	0010	0011	0100	0101	0110	0111
0	0000	NUL	DLE	SP	0	@	P	^	P
1	0001	SOH	DC1	!	1	A	Q	a	q
2	0010	STX	DC2	"	2	B	R	b	r
3	0011	ETX	DC3	#	3	C	S	c	s
4	0100	EOT	DC4	\$	4	D	T	d	t
5	0101	ENQ	NAK	%	5	E	U	e	u
6	0110	ACK	SYN	&	6	F	V	f	v
7	0111	BEL	ETB	'	7	G	W	g	w
8	1000	BS	CAN	(	8	H	X	h	x
9	1001	HT	EM	)	9	I	Y	i	y
A	1010	LF	SUB	*	:	J	Z	j	z
B	1011	VT	ESC	+	;	K	[	k	{
C	1100	FF	FS	,	<	L	\	l	|
D	1101	CR	GS	-	=	M	]	m	}
E	1110	SO	RS	.	>	N	^	n	~
F	1111	SI	US	/	?	O	_	o	DEL

CONTROL CHARACTERS

CONTROL CHARACTER	FUNCTION
CR	Initiates printing of a line of data.
LF	Initiates printing of a line of data and advances the paper one line space.
FF	Initiates printing of a line of data and advances to next top-of-form.
BS	Causes a backspace when printed.
VT	Initiates printing of a line of data and advances to next vertical tab stop.
HT	Advances to next horizontal tab stop.
SI	Selects compressed printing.
SO	Selects double-wide printing.
DC1	Enables printer.
DC2	Cancels compressed printing.
DC3	Disables printer.
DC4	Cancels double-wide printing.

ESCAPE COMMAND SEQUENCES

SEQUENCE	PRINTER ACTION
ESC C n	FORM Sets form length to n lines
ESC B n1..n16 nul	TABS Sets vertical tabs
ESC D n1..n16 nul	Sets horizontal tabs
ESC 2	LINE SPACING Sets line spacing to 6 lpi
ESC 0	Sets line spacing to 8 lpi
ESC 1	Sets line spacing to 7/72 in
ESC A n	Sets line spacing to n/72 in (n = 1 to 85)
ESC 3 n	Sets line spacing to n/216 in (n = 1 to 254)
ESC P	FONTS/MODIFIERS Printer enables compressed print mode
ESC Q	Printer disables compressed print mode
ESC S	Printer enables double-wide print mode
ESC T	Printer disables double-wide print mode
ESC G	Sets double-strike printing
ESC H	Cancels double-strike printing
ESC e	Enables enhanced print mode
ESC d	Disables enhanced print mode
ESC E	Enables emphasized print mode
ESC F	Disables emphasized print mode
ESC K n1 n2	GRAPHICS Sets raster graphics 480 mode (60 dots per inch)
ESC N n1 n2	Sets raster graphics 576 mode (72 dots per inch)
ESC J n1 n2	Sets raster graphics 960 mode (120 dots per inch)
ESC L n1 n2	Sets raster graphics 960 mode (120 dots per inch)
ESC O n1 n2	Sets raster graphics 1152 mode (144 dots per inch)
ESC 8	FEATURES Disables paper-out detection mechanism
ESC 9	Enables paper-out detection mechanism
ESC <	Homes printhead to left margin
ESC >	Sets MSB in all received data
ESC =	Clears setting of MSB in received data
ESC @	Sets default parameters (same as power-on reset)

Model 850 Printer

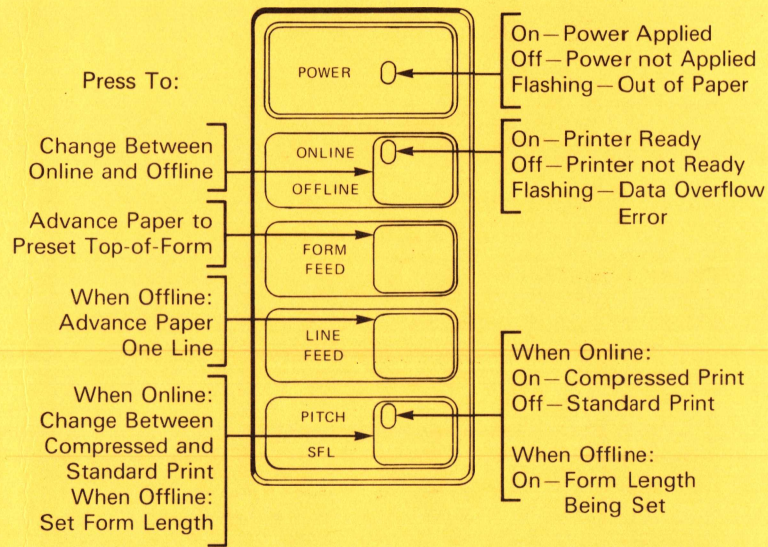
Quick Reference Card



OPERATOR SWITCHES AND INDICATORS

Switches

Indicators



Power Switch is Located on Right Side of Printer

If all Indicators Flash or if all Indicators Stay Lighted at Power-up Call Local Service Representative

SETTING FORM LENGTH

Form length is the number of lines per page. When printer is turned on, form length is set at 66 lines. To change form length, follow this procedure:

1. Set printer offline. ONLINE indicator should be off.
2. Set printhead at location of first line of print on page using paper-advance knob.
3. Press PITCH/SFL switch. PITCH/SFL indicator should light.
4. Press LINE FEED switch once for each line of form length desired. If the form to be used is in the printer, press LINE FEED repeatedly until printhead is at location of first line of print on next form page.
5. Press PITCH/SFL switch. PITCH/SFL indicator goes out.
6. Press ONLINE/OFFLINE switch. ONLINE indicator should light.

Form length is now set, and printer is ready to print.

PENCIL SWITCH FUNCTIONS

Seven- or Eight-Bit Character Selection

- SWITCH 1 ON Eight data bits
- SWITCH 1 OFF Seven data bits

Automatic Line Feed Selection

- SWITCH 2 ON Automatic line feed on carriage return
- SWITCH 2 OFF No line feed on carriage return

Character Set Selection

	Switches			Character Set
	3	4	5	
1	off	off	off	US
2	off	off	on	UK
3	off	on	off	French
4	off	on	on	German
5	on	off	off	Danish/Norwegian
6	on	off	on	Swedish/Finnish
7	on	on	off	Spanish
8	on	on	on	Swiss

Baud Rate Selection

	Switches			Baud Rate
	6	7	8	
1	off	off	off	200
2	off	off	on	300
3	off	on	off	600
4	off	on	on	1200
5	on	off	off	2400
6	on	off	on	4800
7	on	on	off	9600
8	on	on	on	Parallel Port

Power up to read switch settings into memory.

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TEXAS INSTRUMENTS