

APPENDIX P RS232 INFO AND OUTP EXAMPLE CONT

ASCII CODE	FUNCTION ACRONYM	FUNCTION	ASCII CODE	FUNCTION ACRONYM	FUNCTION
0	NUL	Null	17	DC1	Device Control 1
1	SOH	Start heading	18	DC2	Device Control 2
2	STX	Start text	19	DC3	Device Control 3
3	ETX	End text	20	DC4	Device Control 4
4	EOT	End transmission	21	NAK	Negative ACK
5	ENQ	Enquiry	22	SYN	Synchronous idle
6	ACK	Acknowledge	23	ETB	End transmission block
7	BEL	Bell	24	CAN	Cancel
8	BS	Backspace	25	EM	End medium
9	HT	Horizontal tab	26	SUB	Substitute
10	LF	Line feed	27	ESC	Escape
11	VT	Vertical tab	28	FS	File separator
12	FF	Form feed	29	GS	Group separator
13	CR	Carriage return	30	RS	Record separator
14	SO	Shift out	31	US	Unit separator
15	SI	Shift in			
16	DLE	Data link escape			

SOFTWARE OPTIONS

OPTION	Enter As
BAUD RATE=110, 300, 600, 1200, 2400, 4800, 9600	.BA=(desired rate)
DATA BITS= 7 or 8	.DA= 7 (or 8)
PARITY=ODD,EVEN,ONE	.PA= O (or E or N)
TWO STOP BITS	.TW
NULLS	.NU
CHECK PARITY	.CH
ECHO OFF	.EC
CRLF OFF	.CR
LF OFF	.LF

Only Baud rate and stop bits are allowed in an OLD/SAVE to RS232
Only Nulls, Echo off, Crlf off and Lf off can be used with PIO

Example program using OUTP

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100 A$="THIS IS A TEST"
110 CALL OUTP(1,7)      Ring printer bell
120 CALL OUTP(1,15)     Set printer to condensed
130 FOR X=1 TO 14
140 A=ASC(SEG$(A$,X,1)) Send ASCII value to printer
150 CALL OUTP(1,A)      /
160 NEXT X              /
170 CALL OUTP(1,18)     Cancel condensed
180 CALL OUTP(1,10)     Send linefeed
190 CALL OUTP(1,13)     Carriage return(uni-directional printers)
The 1 in OUTP is RS232 port at CRU >1300 2 would be >1500

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