

M-S Cash Drawer Corporation

ASCII Timing Chart for KSI interface (part 1, characters 0 to 63)

Decimal	ASCII Character	Switch							Control Key
		1	2	3	4	5	6	7	
0	"NUL"	0	0	0	0	0	0	0	
1	"SOH"	1	0	0	0	0	0	0	Ctrl A
2	"STX"	0	1	0	0	0	0	0	Ctrl B
3	"ETX"	1	1	0	0	0	0	0	Ctrl C
4	"EOT"	0	0	1	0	0	0	0	Ctrl D
5	"ENQ"	1	0	1	0	0	0	0	Ctrl E
6	"ACK"	0	1	1	0	0	0	0	Ctrl F
7	"BEL"	1	1	1	0	0	0	0	Ctrl G
8	"BS"	0	0	0	1	0	0	0	Ctrl H
9	"HT"	1	0	0	1	0	0	0	Ctrl I
10	"LF"	0	1	0	1	0	0	0	Ctrl J
11	"VT"	1	1	0	1	0	0	0	Ctrl K
12	"FF"	0	0	1	1	0	0	0	Ctrl L
13	"CR"	1	0	1	1	0	0	0	Ctrl M
14	"SO"	0	1	1	1	0	0	0	Ctrl N
15	"SI"	1	1	1	1	0	0	0	Ctrl O
16	"DLE"	0	0	0	0	1	0	0	Ctrl P
17	"DC1"	1	0	0	0	1	0	0	Ctrl Q
18	"DC2"	0	1	0	0	1	0	0	Ctrl R
19	"DC3"	1	1	0	0	1	0	0	Ctrl S
20	"DC4"	0	0	1	0	1	0	0	Ctrl T
21	"NAK"	1	0	1	0	1	0	0	Ctrl U
22	"SYN"	0	1	1	0	1	0	0	Ctrl V
23	"ETB"	1	1	1	0	1	0	0	Ctrl W
24	"CAN"	0	0	0	1	1	0	0	Ctrl X
25	"EM"	1	0	0	1	1	0	0	Ctrl Y
26	"SUB"	0	1	0	1	1	0	0	Ctrl Z
27	"ESC"	1	1	0	1	1	0	0	
28	"FS"	0	0	1	1	1	0	0	
29	"GS"	1	0	1	1	1	0	0	
30	"RS"	0	1	1	1	1	0	0	
31	"US"	1	1	1	1	1	0	0	
32	"SP"	0	0	0	0	0	1	0	
33	!"	1	0	0	0	0	1	0	

34	"	0	1	0	0	0	1	0	
35	#	1	1	0	0	0	1	0	
36	\$	0	0	1	0	0	1	0	
37	%	1	0	1	0	0	1	0	
38	&	0	1	1	0	0	1	0	
39	'	1	1	1	0	0	1	0	
40	(0	0	0	1	0	1	0	
41)	1	0	0	1	0	1	0	
42	*	0	1	0	1	0	1	0	
43	+	1	1	0	1	0	1	0	
44	,	0	0	1	1	0	1	0	
45	-	1	0	1	1	0	1	0	
46	.	0	1	1	1	0	1	0	
47	/	1	1	1	1	0	1	0	
48	0	0	0	0	0	1	1	0	
49	1	1	0	0	0	1	1	0	
50	2	0	1	0	0	1	1	0	
51	3	1	1	0	0	1	1	0	
52	4	0	0	1	0	1	1	0	
53	5	1	0	1	0	1	1	0	
54	6	0	1	1	0	1	1	0	
55	7	1	1	1	0	1	1	0	
56	8	0	0	0	1	1	1	0	
57	9	1	0	0	1	1	1	0	
58	:	0	1	0	1	1	1	0	
59	;	1	1	0	1	1	1	0	
60	<	0	0	1	1	1	1	0	
61	=	1	0	1	1	1	1	0	
62	>	0	1	1	1	1	1	0	
63	?	1	1	1	1	1	1	0	