

S-100 Bus Definitions-continued

PIN NUMBER	SYMBOL	NAME	FUNCTION
79	A0	Address Line #0	(LSB)
80	A1	Address Line #1	
81	A2	Address Line #2	
82	A6	Address Line #6	
83	A7	Address Line #7	
84	A8	Address Line #8	
85	A13	Address Line #13	
86	A14	Address Line #14	
87	A11	Address Line #11	
88	DI02	Data In/Out Line #2	same as pin 41
89	DI03	Data In/Out Line #3	same as pin 42
90	DI07	Data In/Out Line #7	same as pin 43
91	DI04	Data In/Out Line #4	same as pin 38
92	DI05	Data In/Out Line #5	same as pin 39
93	DI06	Data In/Out Line #6	same as pin 40
94	DI01	Data In/Out Line #1	same as pin 35
95	DIO0	Data In/Out Line #0	same as pin 36
96	SINTA	INTERRUPT ACKNOWLEDGE	-Status output signal; acknowledges signal for INTERRUPT request
97	SWO	WRITE OUT	-Status output signal; indicates that the operation in the current machine cycle will be a WRITE memory or output function
98	SSTACK	STACK	-Status output signal indicates that the address bus holds the pushdown stack address from the Stack Pointer
99	POC	POWER-ON CLEAR	
100	GND	GROUND	

SWITCH FUNCTION DEFINITION -- Display Ctrl---Schematic Drawing #4

Switch No.	Mnemonic	ON	OFF
S1-1	RST	Restart to Zero	RUN (Dwg. #1)
S1-2	not used		
S1-3	BLANK	Blank Ctrl Characters Display Ctrl Char.	
S1-4	Polarity		
S1-5	BLINK	Blinking cursor	*Solid or NO cursor
S1-6	SOLID	Solid cursor	*Blinking or NO cursor

*NO cursor if S1-5 and S1-6 are off at same time.

Both switches should not be on at the same time.

Drawing #3 -- Sense Switch

Switch No.	Mnemonic	ON	OFF
S2-1	SSW0	LSB, data bit	0=LO HI
S2-2thruS2-7		etc.	LO HI
S2-8	SSW7	MSB data bit 7	LO HI