PIN NUMBER	SYMBOL	NAME	FUNCTION
27	PWAIT	WAIT	-Processor command/control signal that appears in response to the HOLD signal; indicates that the data and address bus will go to the high impedance state and processor will enter HOLD state after completion of the current machine cycle
28	PINTE	INTERRUPT ENABLE	-Processor command/control output signal; indicates interrupts are enabled, as determined by the contents of the CPU internal interrupt flip-flop. When the flip-flop is set (Enable Interrupt instruction), interrupts are accepted by the CPU; when it is reset (Disable Interrupt instruction), interrupts are inhibited.
29	A5	Address Line #5	
30	A4	Address Line #4	
31	A3	Address Line #3	
32	A15	Address Line #15 (MSB)	
33	A12	Address Line #12	
34	A9	Address Line #9	
35	DI01	Data In/Out line #1	same as pin 94
36	DIOØ	Data In/Out line #0	same as pin 95
37	A10	Address Line #10	
38	DIO4	Data In/Out Line #4	same as pin 91
39	DIO5	Data In/Out Line #5	same as pin 92
40	DIO6	Data In/Out Line #6	same as pin 93
41	DIO2	Data In/Out Line #2	same as pin 88
42	DIO3	Data In/Out Line #3	same as pin 89
43	DIO7	Data In/Out Line #7	same as pin 90
44	SM1	MACHINE CYCLE 1	-Status output signal that indicates that the processor is in the fetch cycle for the first byte of an instruction
45	SOUT	OUTPUT	-Status output signal that indicates the address bus contains the address of an output device and the data bus will contain the ouput data when PWR is active
46	SINP	INPUT	-Status output signal that indicates the address bus contains the address of an input device and the input data should be placed on the data bus when PDBIN is active
47	SMEMR	MEMORY READ	-Status output signal that indicates the data bus will be used to read memory data
48	SHLTA	HALT ACKNOWLEDGE	-Status output signal that acknowledges a HALT instruction
49	$\overline{\text{CLOCK}}$	$\overline{\text{CLOCK}}$	- Inverted output of the Ø2 CLOCK
50	GND	GROUND	
51	+8V	+8 Volts	Unregulated input to 5 volt regulators supplied by Sol-20 power supply
52	-16V	-16 Volts	Negative unregulated voltage supplied by Sol-20 power supply