

Universal Board - ICs - Sections

U	IC	Description	Section	2/84, 2X	4/84
1	7406	Hex inverter, open collector	VID	x	x
2	74LS14	Hex Schmitt inverter	IO, VID	x	x
3	1489	Quad Schmitt line driver	IO	x	x
4	1488	Quad line driver	IO	x	x
5	1489	Quad Schmitt line driver	IO	x	x
6	74LS373	Octal "D" latch	IO	x	x
7	74LS38	Positive-NAND buffer	IO		x
8	74LS374	Octal "D" flip-flop	VID	x	x
9	2732	Character ROM	VID	x	x
10	81-189	Custom gate array	VID	x	x
11	Z80 SIO	Z80 SIO	IO	x	x
12	LM234	Op-Amp	IO		x
13	74LS373	Octal "D" latch	VID	x	x
14	74LS373	Octal "D" latch	VID	x	x
15	6116	Video RAM	VID	x	x
16	6545A	Video controller	VID	x	x
17	Z80 SIO	Z80 SIO	IO	x	x
18	TMS 99532	Modem	IO		x
19	TMS 99531	Dialer	IO		x
20	74LS245	Octal bus transceiver(3-state outputs)	VID	x	x
21	4N35	Photo isolator	IO		x
22	3.9K	Pullup resistor, 14-pin DIP	VID	x	x
23	6116	Video RAM	VID	x	x
24	WD1943/8116	Dual programmable baud rate generator	IO	x	x
25	74LS14	Hex Schmitt inverter	CPU, IO	x	x
26	74LS138	3/8 MUX	CPU	x	x
27	74LS138	3/8 MUX	CPU	x	x
28	74LS244	Octal buffer/line driver	IO	x	x
29	81-194	Custom gate array	CPU	x	x
30					
31	74LS245	Octal bus transceiver(3-state outputs)	IO	x	x
32	2164	64K x 1 RAM	CPU	x	x
33	2164	64K x 1 RAM	CPU	x	x
34	2764	Boot ROM	CPU	x	x
35	Z80A PIO	Z80A PIO	IO		x
36	MM58167	Clock	IO		x
37	74LS02	Quad NOR gate	IO	x	x
38	2164	64K x 1 RAM	CPU	x	x
39	2164	64K x 1 RAM	CPU	x	x
40	74LS00	Quad NAND gate	CPU	x	x
41	2164	64K x 1 RAM	CPU	x	x

U	IC	Description	Section	2/84, 2X	4/84	
42	2164	64K x 1 RAM	CPU	x	x	
43	Z80A CPU	Z80A CPU	CPU	x	x	
44	1793	Floppy disk controller	IO	x	x	
45	74LS02	Quad NOR gate	CPU, IO	x	x	
46	74LS04	Hex inverter	IO	x	x	
47	2164	64K x 1 RAM	CPU	x	x	
48	2164	64K x 1 RAM	CPU	x	x	
49						
50						
51	74LS244	Octal buffer/line driver	IO	x	x	
52	74LS32	Quad OR gate	CPU, IO	x	x	
53						
54	7406	Hex inverter, open collector	CPU, IO	x	x	
55	74LS373	Octal "D" latch	CPU	x	x	
56						
57						
58	74LS373	Octal "D" latch	IO	x	x	
59	74LS02	Quad NOR gate	IO	x	x	
60	74LS195	4-bit shift register	IO	x	x	
61	74LS08	Quad AND gate	IO	x	x	
62						
63						
64						
65	74LS10	Tri NAND gate	CPU, IO	x	x	
66	74LS74	Dual "D" flip-flop	IO	x	x	
67	FDC9216	Data separator	IO	x	x	
68						
69						
70	74LS157	Quad 2/1 MUX	???		x	1)
71	74LS14	Hex Schmitt inverter	CPU, IO	x	x	
72	74LS02	Quad NOR gate	IO	x	x	
73	74HC00	Quad NAND gate	CPU	x	x	
74	74LS157	Quad 2/1 MUX	???		x	1)
75	74LS74	Dual "D" flip-flop	VID	x	x	
76						
Y1	Crystal	18 MHz	VID	x	x	
Y2	Crystal	5.0688 MHz	IO	x	x	
Y3	Crystal	4.042 MHz	IO	x	x	
Y4	Crystal	32.768 MHz	IO	x	x	
Y5	Crystal	16 MHz	CPU	x	x	
	1) Is not present in the official IC lists; but on two pictures I have!					