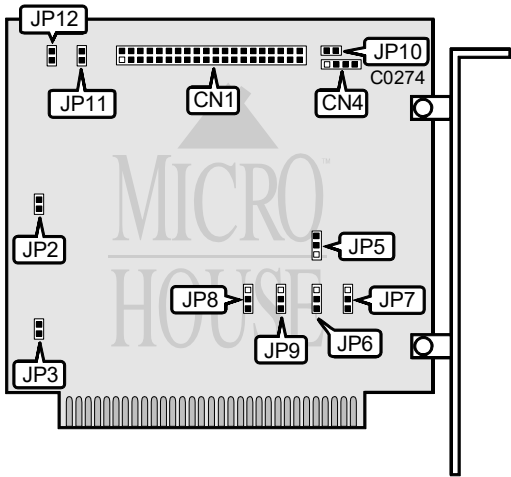


JUKO LABORATORIES, LTD.
D16-X

Q1/93

Data bus: 8-bit, ISA
Size: Half-length, full-height card
Hard drives supported: One IDE (AT/XT) Interface drive
Floppy drives supported: None



CONNECTIONS		
	Function	Location
	40-pin IDE (AT/XT) Interface connector	CN1
	4-pin connector-drive active LED	CN4

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í IDE (AT) Interface drive supported	JP2	open
IDE (XT) Interface drive supported	JP2	closed
í Hard drive controller enabled	JP3	closed
Hard drive controller disabled	JP3	open
í ALE/Control signal timing option 1	JP5	pins 1 & 2 closed
ALE/Control signal timing option 2	JP5	pins 2 & 3 closed
í PDIAG (Pass Diagnostics) deselected	JP10	open
PDIAG (Pass Diagnostics) selected	JP10	closed
í ALE (Address Latch Enable) deselected	JP11	open
ALE (Address Latch Enable) selected	JP11	closed
í AEN (Address Enable) deselected	JP12	open
AEN (Address Enable) selected	JP12	closed

BIOS ADDRESS		
Address	JP6	JP7
í C800h	pins 2 & 3 closed	pins 2 & 3 closed
CA00h	pins 1 & 2 closed	pins 2 & 3 closed
CC00h	pins 2 & 3 closed	pins 1 & 2 closed
CE00h	pins 1 & 2 closed	pins 1 & 2 closed

BIOS EPROM CONFIGURATION SETTINGS		
Chip and Memory Bank	JP8	JP9
2764	pins 2 & 3 closed	pins 1 & 2 closed
í 27256 - 0000-1FFFh	pins 2 & 3 closed	pins 2 & 3 closed
27256 - 2000-3FFFh	pins 1 & 2 closed	pins 2 & 3 closed
27256 - 4000-5FFFh	pins 2 & 3 closed	pins 1 & 2 closed
27256 - 6000-7FFFh	pins 1 & 2 closed	pins 1 & 2 closed

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DRIVE TYPE TABLE							
#	Heads	Cyli	Capacity	#	Heads	Cylinder	Capacity
1	4	306	10	24	5	977	40
2	4	615	20	25	9	1024	76
3	6	615	30	26	7	1224	71
4	8	940	62	27	11	1224	111
5	6	940	46	28	15	1224	152
6	4	615	20	29	8	1024	68
7	8	462	30	30	11	1024	93
8	5	733	30	31	11	918	83
9	15	900	112	32	9	925	69
10	3	820	20	33	10	1024	85
11	5	855	35	34	12	1024	102
12	7	855	49	35	13	1024	110
13	8	306	20	36	14	1024	119
14	7	733	42	37	2	1024	17
15	Reserved			38	16	1024	136
16	4	612	20	39	15	918	114
17	5	977	40	40	6	820	40
18	7	977	56	41	5	1024	42
19	7	1024	59	42	5	981	40
20	5	733	30	43	10	981	81
21	7	733	42	44	8	615	40
22	5	733	30	45	10	963	80
23	4	306	10	46	16	753	100

