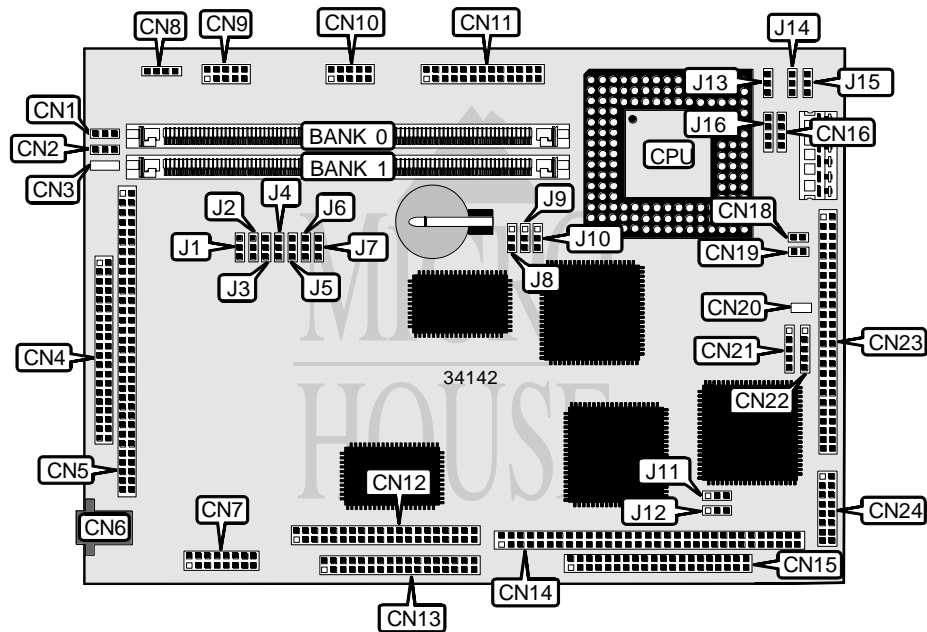


AXIOM TECHNOLOGY, INC.

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Processor	80486SX/80487SX/CX486DX/AM486DX/80486DX/CX486DX2/ AM486DX2/80486DX2/CX486DX4/AM486DX4/80486DX4/
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
Chip Set	UMC
Video Chip Set	None
Maximum Onboard Memory	64MB
Maximum Video Memory	None
Cache	128KB
BIOS	AMI
Dimensions	Unidentified
I/O Options	Ethernet 10BaseT connectors (2), floppy drive interface, IDE interface, parallel port, PS/2 mouse interface, serial ports (2), VGA interface, flat panel interface, PC/104 connectors (8-bit) (2), PC/104 connectors (16-bit) (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Watchdog timer trigger input	CN1	Floppy drive interface	CN13
External power connector	CN2	PC/104 connector (16-bit)	CN14
External watchdog output	CN3	PC/104 connector (8-bit)	CN15
PC/104 connector (8-bit)	CN4	Speaker	CN16
PC/104 connector (16-bit)	CN5	Turbo LED	CN18
Ethernet 10BaseT connector (RJ-45)	CN6	IDE interface LED	CN19
Ethernet 10BaseT connector (AUI)	CN7	Reset switch	CN20
External battery	CN8	Auxiliary keyboard connector	CN21
Serial port 1	CN9	PS/2 mouse interface	CN22
Serial port 2	CN10	Flat panel interface	CN23
Parallel port	CN11	VGA interface	CN24
IDE interface	CN12		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í SHFCLK select normal	J7	Pins 1 & 2 closed
SHFCLK select inverted	J7	Pins 2 & 3 closed
í On board video enabled	J11	Pins 1 & 2 closed
On board video disabled	J11	Pins 2 & 3 closed
í Parallel port IRQ select IRQ7	J12	Pins 1 & 2 closed
Parallel port IRQ select IRQ5	J12	Pins 2 & 3 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(1) 256K x 36	None
2MB	(1) 512K x 36	None
2MB	(1) 256K x 36	(1) 256K x 36
3MB	(1) 512K x 36	(1) 256K x 36
4MB	(1) 512K x 36	(1) 512K x 36
4MB	(1) 1M x 36	None
5MB	(1) 1M x 36	(1) 256K x 36
6MB	(1) 1M x 36	(1) 512K x 36
8MB	(1) 2M x 36	None
8MB	(1) 1M x 36	(1) 1M x 36
9MB	(1) 2M x 36	(1) 256K x 36
10MB	(1) 2M x 36	(1) 512K x 36
12MB	(1) 2M x 36	(1) 1M x 36
16MB	(1) 4M x 36	None

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DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
17MB	(1) 4M x 36	(1) 256K x 36
18MB	(1) 4M x 36	(1) 512K x 36
20MB	(1) 4M x 36	(1) 1M x 36
24MB	(1) 4M x 36	(1) 2M x 36
32MB	(1) 8M x 36	None
32MB	(1) 4M x 36	(1) 4M x 36
33MB	(1) 8M x 36	(1) 256K x 36
36MB	(1) 8M x 36	(1) 1M x 36
40MB	(1) 8M x 36	(1) 2M x 36
48MB	(1) 8M x 36	(1) 4M x 36
64MB	(1) 8M x 36	(1) 8M x 36

CACHE CONFIGURATION
Note: The location of the 128KB cache is unidentified.

CPU SPEED SELECTION			
Speed	J8	J9	J10
25MHz	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
33MHz	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
40MHz	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
50iMHz	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
50MHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
66iMHz	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
75iMHz	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
100iMHz	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed

CPU TYPE SELECTION		
Type	J15	J16
80486SX	Open	Pins 2 & 3 closed
80487SX	Open	Pins 2 & 3 closed
CX486DX	Pins 1 & 2 closed	Pins 1 & 2, 3 & 4 closed
AM486DX	Pins 1 & 2 closed	Pins 1 & 2, 3 & 4 closed
80486DX	Pins 1 & 2 closed	Pins 1 & 2, 3 & 4 closed
CX486DX2	Pins 1 & 2 closed	Pins 1 & 2, 3 & 4 closed
AM486DX2	Pins 1 & 2 closed	Pins 1 & 2, 3 & 4 closed
80486DX2	Pins 1 & 2 closed	Pins 1 & 2, 3 & 4 closed
CX486DX4	Pins 1 & 2 closed	Pins 1 & 2, 3 & 4 closed
AM486DX4	Pins 1 & 2 closed	Pins 1 & 2, 3 & 4 closed
80486DX4	Pins 1 & 2 closed	Pins 1 & 2, 3 & 4 closed

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CPU VOLTAGE SELECTION		
Voltage	J13	J14
í 3.3v	Pins 2 & 3 closed	Pins 2 & 3 closed
3.45v	Pins 2 & 3 closed	Pins 1 & 2 closed
5v	Pins 1 & 2 closed	Open

RAM/ROM/FLASH DISK SELECTION					
Type	J1	J2	J3	J4	J5
29F010	Open	Open	1 & 2	1 & 2	1 & 2
í 29F040	1 & 2	Open	1 & 2	1 & 2	1 & 2
58C1000	2 & 3	Open	2 & 3	2 & 3	2 & 3
58C4000	1 & 2	Open	2 & 3	2 & 3	2 & 3
27C512	2 & 3	Open	Open	1 & 2	1 & 2
27C010	Open	Open	1 & 2	1 & 2	1 & 2
27C020	1 & 2	Open	1 & 2	1 & 2	1 & 2
27C040	1 & 2	1 & 2	Open	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

WATCH DOG SELECTION	
Type	J6
í Watch Dog active NMI	Pins 1 & 2 closed
Watch Dog reset system	Pins 2 & 3 closed
Watch Dog disabled	Open