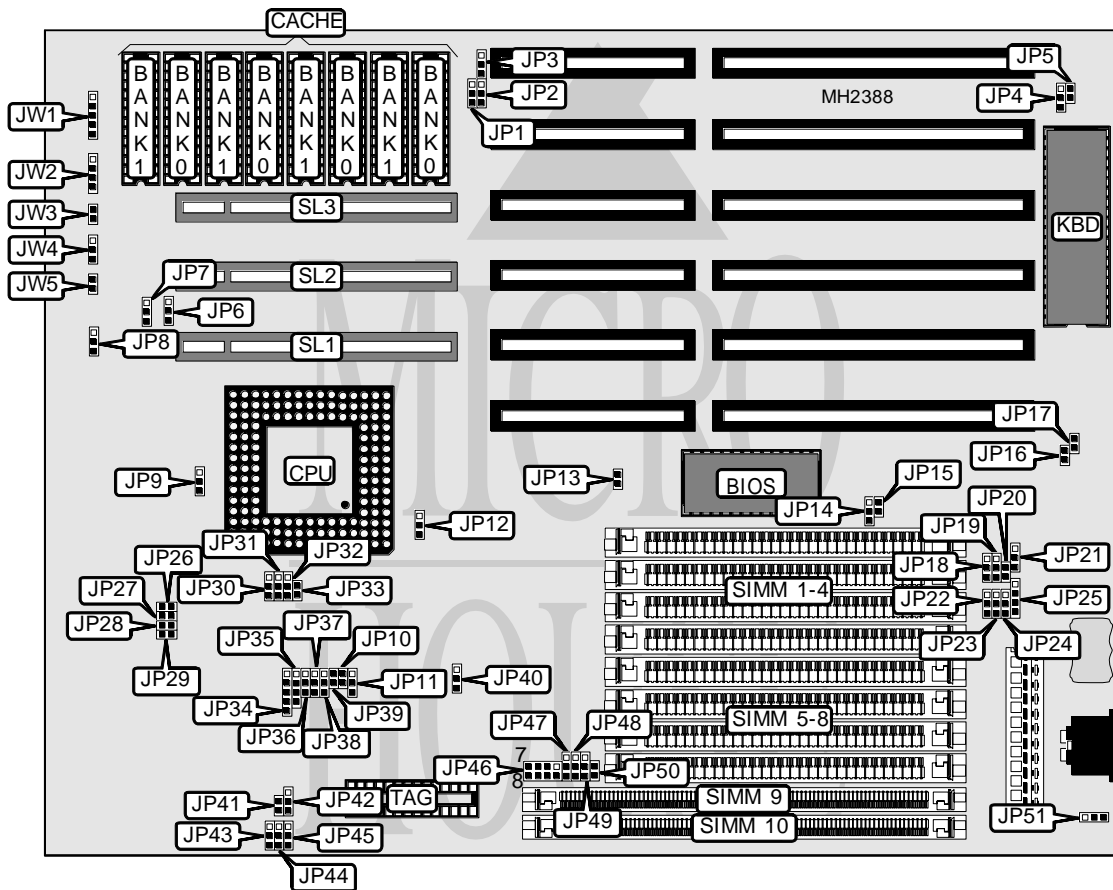


ABIT COMPUTER CORPORATION

A N 4 R 2 / A N 4 T R 2

Processor	80486SX/CX486M7/80486DX/80486DX2/80486DX4
Processor Speed	20/25/33/40/50(internal)/50/66(internal)/75(internal)/80(internal)/ 100(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	128MB
Cache	128/256/512KB
BIOS	AMI/Award
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slots (3), green PC connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	JW1	External battery	JP25
Speaker	JW2	Green PC connector (monitor)	JP46 (pins 1, 3, 5)
Reset switch	JW3	Green PC connector (power)	JP46 (pins 7 & 8)
Turbo switch	JW4	32-bit VESA local bus slots	SL1 - SL3
Turbo LED	JW5		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP3	Open
í Factory configured - do not alter	JP4	pins 1 & 2 closed
í Factory configured - do not alter	JP5	Open
í Factory configured - do not alter	JP6	Open
í Factory configured - do not alter	JP8	pins 1 & 2 closed
í Factory configured - do not alter	JP13	Closed
í Factory configured - do not alter	JP14	pins 1 & 2 closed
í Factory configured - do not alter	JP15	Open
í Factory configured - do not alter	JP16	Closed
í Factory configured - do not alter	JP17	Open
í CMOS memory normal operation	JP21	pins 1 & 2 closed
CMOS memory clear	JP21	pins 2 & 3 closed
í Factory configured - do not alter	JP41	Open
í Factory configured - do not alter	JP45	Open
í Factory configured - do not alter	JP49	pins 1 & 2 closed

DRAM CONFIGURATION				
Size	SIMM 1 - 4	SIMM 5 - 8	SIMM 9	SIMM 10
1MB	NONE	NONE	(1) 256K x 36	NONE
1MB	(4) 256K x 9	NONE	NONE	NONE
1MB	(4) 256K x 9	NONE	NONE	NONE
2MB	NONE	NONE	(1) 256K x 36	(1) 256K x 36
2MB	(4) 256K x 9	NONE	NONE	(1) 256K x 36
2MB	NONE	NONE	(1) 512K x 36	NONE
2MB	(4) 256K x 9	(4) 256K x 9	NONE	NONE
4MB	NONE	NONE	(1) 1M x 36	NONE
4MB	(4) 1M x 9	NONE	NONE	NONE
4MB	NONE	NONE	(1) 512K x 36	(1) 512K x 36
4MB	(4) 256K x 9	NONE	(1) 512K x 36	(1) 256K x 36
4MB	(4) 256K x 9	(4) 256K x 9	(1) 512K x 36	NONE
5MB	NONE	NONE	(1) 256K x 36	(1) 1M x 36
5MB	(4) 256K x 9	NONE	NONE	(1) 1M x 36
6MB	(4) 1M x 9	NONE	(1) 256K x 36	(1) 256K x 36
6MB	(4) 256K x 9	NONE	(1) 1M x 36	(1) 256K x 36
6MB	NONE	NONE	(1) 512K x 36	(1) 1M x 36
6MB	(4) 256K x 9	(4) 256K x 9	(1) 1M x 36	NONE
8MB	NONE	NONE	(1) 1M x 36	(1) 1M x 36
8MB	(4) 1M x 9	NONE	NONE	(1) 1M x 36
8MB	NONE	NONE	(1) 2M x 36	NONE
8MB	(4) 1M x 9	NONE	(1) 512K x 36	(1) 512K x 36
8MB	(4) 1M x 9	(4) 1M x 9	NONE	NONE
10MB	(4) 1M x 9	(4) 1M x 9	(1) 256K x 36	(1) 256K x 36
10MB	(4) 256K x 9	(4) 256K x 9	(1) 1M x 36	(1) 1M x 36
12MB	(4) 1M x 9	NONE	(1) 1M x 36	(1) 1M x 36

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ABIT COMPUTER CORPORATION

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DRAM CONFIGURATION (CON'T)				
Size	SIMM 1 - 4	SIMM 5 - 8	SIMM 9	SIMM 10
12MB	(4) 1M x 9	NONE	(1) 1M x 36	(1) 1M x 36
12MB	(4) 1M x 9	(4) 1M x 9	(1) 512K x 36	(1) 512K x 36
12MB	(4) 1M x 9	(4) 1M x 9	(1) 1M x 36	NONE
16MB	(4) 1M x 9	(4) 1M x 9	(1) 1M x 36	(1) 1M x 36
16MB	NONE	NONE	(1) 4M x 36	NONE
16MB	(4) 4M x 9	NONE	NONE	NONE
16MB	NONE	NONE	(1) 2M x 36	(1) 2M x 36
16MB	(4) 1M x 9	(4) 1M x 9	(1) 1M x 36	(1) 1M x 36
16MB	(4) 4M x 9	NONE	NONE	NONE
17MB	NONE	NONE	(1) 256K x 36	(1) 4M x 36
17MB	(4) 256K x 9	NONE	NONE	(1) 4M x 36
18MB	(4) 4M x 9	NONE	(1) 256K x 36	(1) 256K x 36
18MB	(4) 256K x 9	NONE	(1) 4M x 36	(1) 256K x 36
18MB	NONE	NONE	(1) 512K x 36	(1) 4M x 36
18MB	(4) 256K x 9	(4) 256K x 9	(1) 4M x 36	NONE
20MB	NONE	NONE	(1) 1M x 36	(1) 4M x 36
20MB	(4) 1M x 9	NONE	NONE	(1) 4M x 36
20MB	(4) 4M x 9	NONE	(1) 512K x 36	(1) 512K x 36
24MB	(4) 4M x 9	NONE	(1) 1M x 36	(1) 1M x 36
24MB	(4) 1M x 9	NONE	(1) 4M x 36	(1) 1M x 36
24MB	(4) 1M x 9	(4) 4M x 9	(1) 512K x 36	(1) 512K x 36
24MB	(4) 1M x 9	(4) 1M x 9	(1) 4M x 36	NONE
32MB	NONE	NONE	(1) 4M x 36	(1) 4M x 36
32MB	(4) 4M x 9	NONE	NONE	(1) 4M x 36
32MB	NONE	NONE	(1) 8M x 36	NONE
32MB	(4) 4M x 9	(4) 4M x 9	NONE	NONE
36MB	(4) 4M x 9	NONE	(1) 1M x 36	(1) 4M x 36
36MB	(4) 1M x 9	NONE	(1) 4M x 36	(1) 4M x 36
36MB	(4) 4M x 9	(4) 4M x 9	(1) 512K x 36	(1) 512K x 36
36MB	(4) 1M x 9	NONE	(1) 8M x 36	NONE
36MB	(4) 1M x 9	(4) 4M x 9	(1) 4M x 36	NONE
40MB	(4) 4M x 9	(4) 4M x 9	(1) 1M x 36	(1) 1M x 36
40MB	(4) 1M x 9	NONE	(1) 8M x 36	(1) 1M x 36
40MB	(4) 1M x 9	(4) 1M x 9	(1) 8M x 36	NONE
40MB	(4) 1M x 9	(4) 1M x 9	(1) 4M x 36	(1) 4M x 36
48MB	(4) 4M x 9	NONE	(1) 4M x 36	(1) 4M x 36
48MB	(4) 4M x 9	NONE	(1) 4M x 36	(1) 4M x 36
48MB	(4) 4M x 9	NONE	(1) 8M x 36	NONE
48MB	(4) 4M x 9	(4) 4M x 9	(1) 4M x 36	NONE
64MB	(4) 4M x 9	(4) 4M x 9	(1) 4M x 36	(1) 4M x 36
64MB	NONE	NONE	(1) 16M x 36	NONE
64MB	(4) 16M x 9	NONE	NONE	NONE
64MB	NONE	NONE	(1) 8M x 36	(1) 8M x 36
64MB	(4) 4M x 9	NONE	(1) 8M x 36	(1) 4M x 36

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DRAM CONFIGURATION (CON'T)				
Size	SIMM 1 - 4	SIMM 5 - 8	SIMM 9	SIMM 10
64MB	(4) 4M x 9	(4) 4M x 9	(1) 8M x 36	NONE
64MB	(4) 4M x 9	(4) 4M x 9	(1) 4M x 36	(1) 4M x 36
64MB	(4) 16M x 9	NONE	NONE	NONE
65MB	NONE	NONE	(1) 256K x 36	(1) 16M x 36
65MB	(4) 256K x 9	NONE	NONE	(1) 16M x 36
68MB	NONE	NONE	(1) 1M x 36	(1) 16M x 36
68MB	(4) 1M x 9	NONE	NONE	(1) 16M x 36
68MB	(4) 1M x 9	(4) 16M x 9	NONE	NONE
72MB	(4) 16M x 9	NONE	(1) 1M x 36	(1) 1M x 36
72MB	(4) 1M x 9	NONE	(1) 16M x 36	(1) 1M x 36
72MB	(4) 1M x 9	(4) 1M x 9	(1) 16M x 36	NONE
80MB	NONE	NONE	(1) 4M x 36	(1) 16M x 36
80MB	(4) 4M x 9	NONE	NONE	(1) 16M x 36
80MB	(4) 4M x 9	(4) 16M x 9	NONE	NONE
96MB	(4) 16M x 9	NONE	(1) 4M x 36	(1) 4M x 36
96MB	(4) 4M x 9	NONE	(1) 16M x 36	(1) 4M x 36
96MB	(4) 4M x 9	(4) 4M x 9	(1) 16M x 36	NONE
128MB	NONE	NONE	(1) 16M x 36	(1) 16M x 36
128MB	(4) 16M x 9	NONE	NONE	(1) 16M x 36
128MB	(4) 16M x 9	(4) 16M x 9	NONE	NONE

DRAM JUMPER CONFIGURATION							
Bank 0	Bank 1	Bank 2	Bank 3	JP18	JP19	JP20	JP22
SIMM 1 - 4	SIMM 5 - 8	SIMM 9	SIMM 10	1 & 2	1 & 2	Open	1 & 2
SIMM 1 - 4	SIMM 5 - 8	SIMM 9	NONE	1 & 2	1 & 2	Open	1 & 2
SIMM 1 - 4	SIMM 9	NONE	NONE	1 & 2	Open	Open	1 & 2
SIMM 1 - 4	SIMM 10	SIMM 9	NONE	1 & 2	Open	Open	1 & 2
SIMM 9	SIMM 10	SIMM 1 - 4	SIMM 5 - 8	2 & 3	2 & 3	Open	2 & 3
SIMM 9	SIMM 10	NONE	NONE	Open	Open	Closed	2 & 3
SIMM 1 - 4	SIMM 10	SIMM 9	NONE	1 & 2	Open	Open	1 & 2
SIMM 9	SIMM 10	SIMM 1 - 4	SIMM 5 - 8	2 & 3	2 & 3	Open	2 & 3

Note: Pins designated should be in the closed position.

DRAM JUMPER CONFIGURATION (CON'T)							
Bank 0	Bank 1	Bank 2	Bank 3	JP23	JP24	JP50	JP51
SIMM 1 - 4	SIMM 5 - 8	SIMM 9	SIMM 10	Open	1 & 2	Open	Open
SIMM 1 - 4	SIMM 5 - 8	SIMM 9	NONE	1 & 2	Open	Open	Open
SIMM 1 - 4	SIMM 9	NONE	NONE	2 & 3	Open	Open	Open
SIMM 1 - 4	SIMM 10	SIMM 9	NONE	1 & 2	2 & 3	Open	Open
SIMM 9	SIMM 10	SIMM 1 - 4	SIMM 5 - 8	Open	2 & 3	Closed	2 & 3
SIMM 9	SIMM 10	NONE	NONE	2 & 3	Open	Open	1 & 2
SIMM 1 - 4	SIMM 10	SIMM 9	NONE	1 & 2	2 & 3	Open	Open
SIMM 9	SIMM 10	SIMM 1 - 4	SIMM 5 - 8	Open	2 & 3	Open	Open

Note: Pins designated should be in the closed position.

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CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	NONE	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8
512KB	(4) 128K x 8	NONE	(1) 32K x 8

CACHE JUMPER CONFIGURATION				
Size	JP1	JP2	JP42	JP44
128KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
256KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
512KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed

CPU TYPE CONFIGURATION					
Type	JP9	JP12	JP30	JP31	JP32
80486SX	2 & 3	2 & 3	2 & 3	Open	2 & 3
SL80486SX	2 & 3	2 & 3	2 & 3	Open	2 & 3
CX486M7	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
80486DX/DX2	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
SL80486DX/DX2	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
80486DX4	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION (CON'T)					
Type	JP33	JP34	JP35	JP36	JP37
80486SX	Closed	Open	Open	Open	Open
SL80486SX	Open	4 & 5	3 & 4	2 & 3	Open
CX486M7	Closed	2 & 3	2 & 3	1 & 2, 3 & 4	Open
80486DX/DX2	Closed	4 & 5	3 & 4	2 & 3	Open
SL80486DX/DX2	Closed	4 & 5	3 & 4	2 & 3	Open
80486DX4	Closed	4 & 5	3 & 4	2 & 3	Open

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION (CON'T)					
Type	JP38	JP39	JP43	JP47	JP48
80486SX	1 & 2	Open	2 & 3	2 & 3	1 & 2
SL80486SX	Open	Open	2 & 3	2 & 3	1 & 2
CX486M7	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3
80486DX/DX2	Open	Open	2 & 3	2 & 3	1 & 2
SL80486DX/DX2	Open	Open	2 & 3	2 & 3	1 & 2
80486DX4	Open	Open	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

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CPU SPEED CONFIGURATION (AVASEM AV9107 CLOCK GENERATOR)				
Speed	JP10	JP11	JP26	JP27
20MHz	Open	Open	Closed	Open
25MHz	Open	Open	Open	Closed
33MHz	Open	Open	Closed	Closed
40MHz	Open	Open	Open	Open
50iMHz	Open	Open	Open	Closed
50MHz	Open	Open	Closed	Open
66iMHz	Open	Open	Closed	Closed
75iMHz	Open	pins 1 & 2 closed	Open	Closed
80iMHz	Closed	Open	Closed	Closed
100iMHz	Open	pins 1 & 2 closed	Closed	Closed

CPU SPEED CONFIGURATION (AVASEM AV9107 CLOCK GENERATOR, CON'T)			
Speed	JP28	JP29	JP40
20MHz	Closed	Closed	Open
25MHz	Closed	Closed	Open
33MHz	Closed	Open	Open
40MHz	Closed	Closed	Open
50iMHz	Closed	Closed	Open
50MHz	Closed	Open	Open
66iMHz	Closed	Open	Open
75iMHz	Open	Closed	pins 2 & 3 closed
80iMHz	Open	Open	pins 2 & 3 closed
100iMHz	Open	Open	pins 1 & 2 closed

CPU SPEED CONFIGURATION (MXIC MX8315 CLOCK GENERATOR)				
Speed	JP10	JP11	JP26	JP27
20MHz	Open	Open	Open	Open
25MHz	Open	Open	Open	Closed
33MHz	Open	Open	Closed	Closed
40MHz	Open	Open	Closed	Closed
50iMHz	Open	Open	Open	Closed
50MHz	Open	Open	Closed	Open
66iMHz	Open	Open	Closed	Closed
75iMHz	Open	pins 1 & 2 closed	Open	Closed
80iMHz	Closed	Open	Closed	Closed
100iMHz	Open	pins 1 & 2 closed	Closed	Closed

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CPU SPEED CONFIGURATION (MXIC MX8315 CLOCK GENERATOR, CON'T)			
Speed	JP28	JP29	JP40
20MHz	Closed	Open	Open
25MHz	Closed	Open	Open
33MHz	Closed	Closed	Open
40MHz	Closed	Open	Open
50iMHz	Closed	Open	Open
50MHz	Closed	Open	Open
66iMHz	Closed	Closed	Open
75iMHz	Open	Closed	pins 2 & 3 closed
80iMHz	Open	Closed	pins 2 & 3 closed
100iMHz	Open	Closed	pins 1 & 2 closed

BUS SPEED CONFIGURATION	
CPU speed	JP7
<= 33MHz	pins 1 & 2 closed
> 33MHz	pins 2 & 3 closed