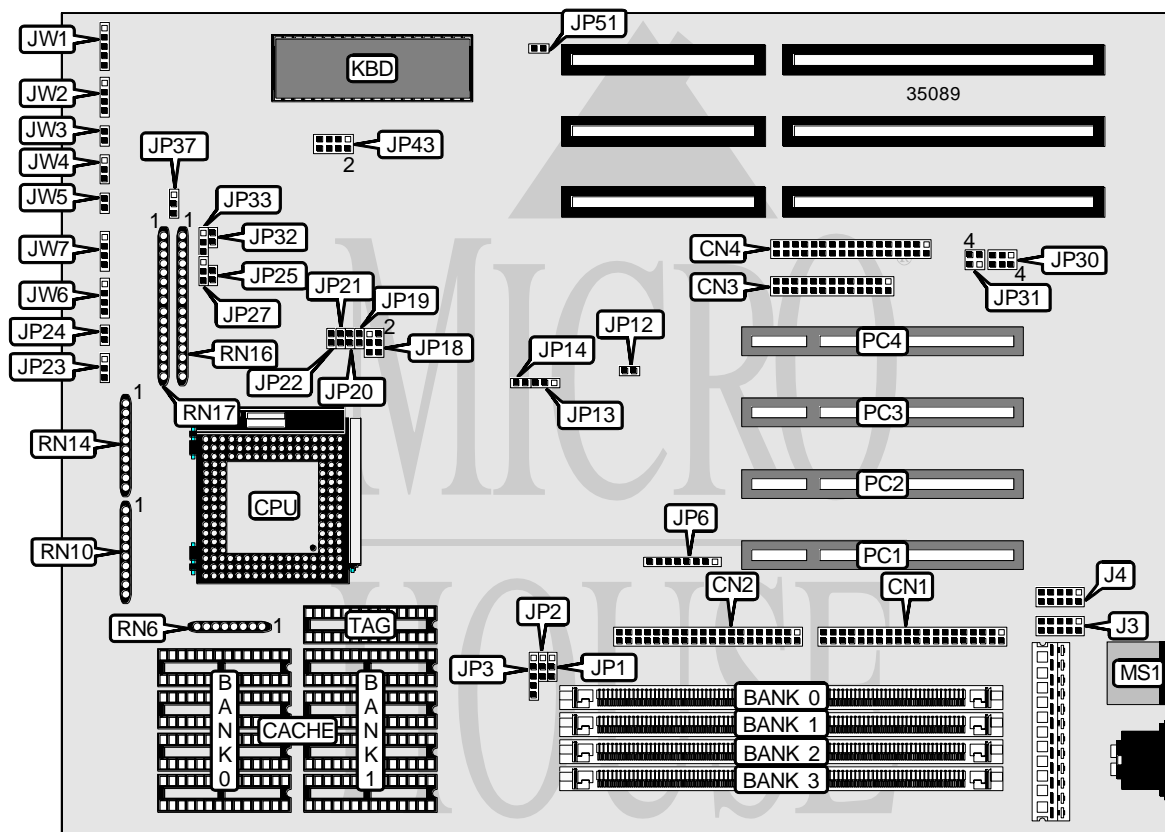


ABIT COMPUTER CORPORATION

PM4T (REV. 1.0)

Processor	80486SX/SL80486SX/AM486DX/CX486DX/80486DX/SL80486DX/CX486DX2/ CX486DX2V/AM486DX2/(SL)AM486DX2/80486DX2/SL80486DX2/AM486DX4/ 80486DX4/P24D/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/66(internal)/75(internal)/80(internal)/100(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	256MB
Cache	128/256KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
IDE interface 1	CN1	Speaker	JW2
IDE interface 2	CN2	Turbo LED	JW3
Parallel port	CN3	Turbo switch	JW4
Floppy drive interface	CN4	Reset switch	JW5
Serial port 1	J3	IDE interface LED	JW6
Serial port 2	J4	IDE interface LED	JW7
External battery	JP42	PS/2 mouse port	MS1
Green PC connector	JP43	32-bit PCI slots	PC1 - PC4
Power LED & keylock	JW1		

Note: The location of JP42 is unidentified.

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP1	N/A
í CPU type select non 5v CPU	JP18	pins 3 & 5, 4 & 6 closed
CPU type select 5v CPU	JP18	pins 1 & 3, 2 & 4 closed
í Factory configured - do not alter	JP23	Open
í Factory configured - do not alter	JP25	Open
í Factory configured - do not alter	JP27	N/A
í Factory configured - do not alter	JP30	N/A
í Factory configured - do not alter	JP31	N/A
í Factory configured - do not alter	JP33	N/A
í CMOS memory normal operation	JP37	pins 1 & 2 closed
CMOS memory clear	JP37	pins 2 & 3 closed
í Factory configured - do not alter	JP51	Open

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	NONE	NONE	NONE
2MB	(1) 256K x 36	(1) 256K x 36	NONE	NONE
2MB	(1) 512K x 36	NONE	NONE	NONE
3MB	(1) 512K x 36	(1) 256K x 36	NONE	NONE
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	NONE
4MB	(1) 512K x 36	(1) 256K x 36	(1) 256K x 36	NONE
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
4MB	(1) 1M x 36	NONE	NONE	NONE
4MB	(1) 512K x 36	(1) 512K x 36	NONE	NONE
5MB	(1) 1M x 36	(1) 256K x 36	NONE	NONE
5MB	(1) 512K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
6MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	NONE
6MB	(1) 512K x 36	(1) 1M x 36	NONE	NONE
6MB	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36	NONE
7MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 2M x 36	NONE	NONE	NONE
8MB	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
9MB	(1) 2M x 36	(1) 256K x 36	NONE	NONE
10MB	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36	NONE
10MB	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36	NONE
10MB	(1) 512K x 36	(1) 2M x 36	NONE	NONE
11MB	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
12MB	(1) 1M x 36	(1) 2M x 36	NONE	NONE
12MB	(1) 2M x 36	(1) 1M x 36	NONE	NONE
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
14MB	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
16MB	(1) 4M x 36	NONE	NONE	NONE
17MB	(1) 4M x 36	(1) 256K x 36	NONE	NONE
18MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	NONE
18MB	(1) 512K x 36	(1) 2M x 36	(1) 2M x 36	NONE
18MB	(1) 512K x 36	(1) 4M x 36	NONE	NONE
19MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
20MB	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
20MB	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
20MB	(1) 4M x 36	(1) 1M x 36	NONE	NONE
24MB	(1) 2M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	NONE
24MB	(1) 4M x 36	(1) 2M x 36	NONE	NONE
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	NONE
26MB	(1) 512K x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
28MB	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
28MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36	NONE
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	(1) 8M x 36	NONE	NONE	NONE
33MB	(1) 8M x 36	(1) 256K x 36	NONE	NONE
34MB	(1) 8M x 36	(1) 256K x 36	(1) 256K x 36	NONE
34MB	(1) 512K x 36	(1) 4M x 36	(1) 4M x 36	NONE
34MB	(1) 512K x 36	(1) 8M x 36	NONE	NONE
35MB	(1) 8M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	NONE
36MB	(1) 1M x 36	(1) 8M x 36	NONE	NONE
36MB	(1) 8M x 36	(1) 1M x 36	NONE	NONE
40MB	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36	NONE

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
40MB	(1) 2M x 36	(1) 8M x 36	NONE	NONE
40MB	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
40MB	(1) 8M x 36	(1) 1M x 36	(1) 1M x 36	NONE
40MB	(1) 8M x 36	(1) 2M x 36	NONE	NONE
44MB	(1) 8M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
48MB	(1) 4M x 36	(1) 8M x 36	NONE	NONE
48MB	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36	NONE
48MB	(1) 8M x 36	(1) 4M x 36	NONE	NONE
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
50MB	(1) 512K x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
52MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
56MB	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
56MB	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
64MB	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
64MB	(1) 16M x 36	NONE	NONE	NONE
65MB	(1) 16M x 36	(1) 256K x 36	NONE	NONE
66MB	(1) 16M x 36	(1) 256K x 36	(1) 256K x 36	NONE
66MB	(1) 512K x 36	(1) 8M x 36	(1) 8M x 36	NONE
66MB	(1) 512K x 36	(1) 16M x 36	NONE	NONE
67MB	(1) 16M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
68MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	NONE
68MB	(1) 1M x 36	(1) 16M x 36	NONE	NONE
68MB	(1) 16M x 36	(1) 1M x 36	NONE	NONE
72MB	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36	NONE
72MB	(1) 2M x 36	(1) 16M x 36	NONE	NONE
72MB	(1) 16M x 36	(1) 1M x 36	(1) 1M x 36	NONE
72MB	(1) 16M x 36	(1) 2M x 36	NONE	NONE
76MB	(1) 16M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
80MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36	NONE
80MB	(1) 4M x 36	(1) 16M x 36	NONE	NONE
80MB	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
80MB	(1) 16M x 36	(1) 2M x 36	(1) 2M x 36	NONE
80MB	(1) 16M x 36	(1) 4M x 36	NONE	NONE
88MB	(1) 16M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
96MB	(1) 8M x 36	(1) 16M x 36	NONE	NONE
96MB	(1) 16M x 36	(1) 4M x 36	(1) 4M x 36	NONE
96MB	(1) 16M x 36	(1) 8M x 36	NONE	NONE
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	NONE
98MB	(1) 512K x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
100MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
104MB	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
112MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
112MB	(1) 16M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
128MB	(1) 16M x 36	(1) 8M x 36	(1) 8M x 36	NONE
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
128MB	(1) 16M x 36	(1) 16M x 36	NONE	NONE
130MB	(1) 512K x 36	(1) 16M x 36	(1) 16M x 36	NONE
132MB	(1) 1M x 36	(1) 16M x 36	(1) 16M x 36	NONE
136MB	(1) 2M x 36	(1) 16M x 36	(1) 16M x 36	NONE
144MB	(1) 4M x 36	(1) 16M x 36	(1) 16M x 36	NONE
160MB	(1) 8M x 36	(1) 16M x 36	(1) 16M x 36	NONE
160MB	(1) 16M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
192MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	NONE
194MB	(1) 512K x 36	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36
196MB	(1) 1M x 36	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36
200MB	(1) 2M x 36	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36
208MB	(1) 4M x 36	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36
224MB	(1) 8M x 36	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36
256MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36

Note: Board will accept x 32 SIMMs also.

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	NONE	(1) 8K or (1) 16K x 8
256KB (A)	(4) 32K x 8	(4) 32K x 8	(1) 16K or (1) 32K x 8
256KB (B)	(4) 64K x 8	NONE	(1) 16K or (1) 32K x 8

CACHE JUMPER CONFIGURATION			
Size	JP2	JP3	JP6
128KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
256KB (A)	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
256KB (B)	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed

CPU TYPE CONFIGURATION					
Type	RN6	RN10	RN14	RN16	RN17
80486SX	Not installed	1 - 8	Not installed	Not installed	9 - 16
SL80486SX	Not installed	1 - 8	Not installed	Not installed	9 - 16
AM486DX	Not installed	1 - 8	1 - 8	Not installed	5 - 12
CX486DX	1 - 8	Not installed	1 - 8	Not installed	1 - 8
80486DX	Not installed	1 - 8	1 - 8	Not installed	5 - 12
SL80486DX	Not installed	1 - 8	1 - 8	Not installed	5 - 12
CX486DX2	1 - 8	Not installed	1 - 8	Not installed	1 - 8
CX486DX2V	1 - 8	Not installed	1 - 8	Not installed	1 - 8
AM486DX2	Not installed	1 - 8	1 - 8	Not installed	5 - 12
(SL)AM486DX2	Not installed	1 - 8	1 - 8	Not installed	5 - 12
80486DX2	Not installed	1 - 8	1 - 8	Not installed	5 - 12

Note: Pins designated should be in the closed position.

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CPU TYPE CONFIGURATION (CON'T)					
Type	RN6	RN10	RN14	RN16	RN17
SL80486DX2	Not installed	1 - 8	1 - 8	Not installed	5 - 12
AM486DX4	Not installed	1 - 8	1 - 8	Not installed	5 - 12
80486DX4	Not installed	1 - 8	1 - 8	Not installed	5 - 12
P24D	Not installed	1 - 8	1 - 8	1 - 8	Not installed
P24T	Not installed	3 - 10	3 - 10	9 - 16	Not installed

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION (CON'T)			
Type	JP13	JP24	JP32
80486SX	Open	Open	Open
SL80486SX	Open	Open	Open
AM486DX	pins 1 & 2 closed	Open	Open
CX486DX	Open	Open	Open
80486DX	Open	Open	Open
SL80486DX	Open	Open	Open
CX486DX2	Open	Open	Open
CX486DX2V	Open	Open	Open
AM486DX2	pins 1 & 2 closed	Open	Open
(SL)AM486DX2	pins 1 & 2 closed	Open	Closed
80486DX2	Open	Open	Open
SL80486DX2	Open	Open	Open
AM486DX4	pins 1 & 2 closed	Open	Open
80486DX4	Open	Open	Open
P24D	Open	pins 1 & 2 closed	Open
P24T	Open	Open	Open

CPU SPEED CONFIGURATION		
Speed	JP12	JP14
25MHz	Open	Open
33MHz	Closed	Closed
40MHz	Open	Closed
50iMHz	Open	Open
66iMHz	Closed	Closed
75iMHz	Open	Open
80iMHz	Open	Closed
100iMHz	Closed	Closed

CPU VOLTAGE CONFIGURATION					
Voltage	JP18	JP19	JP20	JP21	JP22
3.3v	pins 3 & 5, 4 & 6 closed	Closed	Open	Open	Open
3.45v	pins 3 & 5, 4 & 6 closed	Open	Closed	Open	Open
3.6v	pins 3 & 5, 4 & 6 closed	Open	Open	Closed	Open
4v	pins 3 & 5, 4 & 6 closed	Open	Open	Open	Closed
5v	pins 1 & 3, 2 & 4 closed	N/A	N/A	N/A	N/A