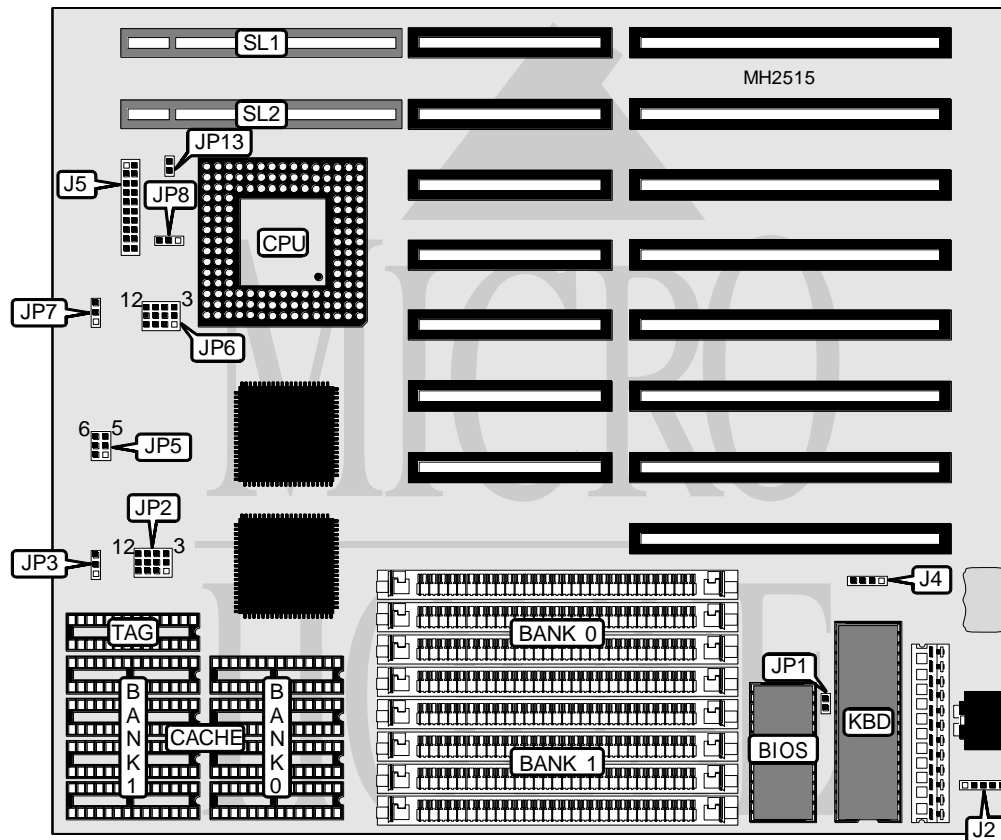


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MS-4123 VERSION 3.0

Processor	80486SX/80487SX/80486DX/80486DX2/80486DX4/Pentium Overdrive
Processor Speed	20/25/33/40/50(internal)/50/66(internal)MHz
Chip Set	Contaq
Max. Onboard DRAM	32MB
Cache	64/128/256KB
BIOS	AMI
Dimensions	254mm x 220mm
I/O Options	32-bit VESA local bus slots (2)
NPU Options	None



CONNECTIONS

Purpose	Location	Purpose	Location
Auxiliary keyboard connector	J2	Turbo LED	J5 pins 12 - 13
External battery	J4	Turbo switch	J5 pins 15 - 17
Power LED & keylock	J5 pins 1 - 5	Reset switch	J5 pins 19 - 20
Speaker	J6 pins 6 - 10	32-bit VESA local bus slots	SL1 & SL2

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Battery type select internal	J4	pins 2 & 3 closed
Battery type select external	J4	Closed
í Monitor type select monochrome	JP1	Open
Monitor type select color	JP1	Closed
í Factory configured - do not alter	JP8	pins 2 & 3 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(4) 256K x 9	NONE
2MB	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE
5MB	(4) 256K x 9	(4) 1M x 9
5MB	(4) 1M x 9	(4) 256K x 9
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
17MB	(4) 256K x 9	(4) 4M x 9
17MB	(4) 4M x 9	(4) 256K x 9
20MB	(4) 1M x 9	(4) 4M x 9
20MB	(4) 4M x 9	(4) 1M x 9
32MB	(4) 4M x 9	(4) 4M x 9

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

CACHE JUMPER CONFIGURATION	
Size	JP2
64KB	pins 1 & 2, 4 & 5, 7 & 8, 10 & 11 closed
128KB	pins 1 & 2, 4 & 5, 8 & 9, 11 & 12 closed
256KB	pins 2 & 3, 5 & 6, 8 & 9, 11 & 12 closed

CPU TYPE CONFIGURATION	
Type	JP6
80486SX	pins 2 & 5, 3 & 6, 8 & 11, 9 & 12 closed
80487SX	pins 1 & 2, 4 & 5, 7 & 8, 10 & 11 closed
80486DX	pins 1 & 2, 4 & 5, 8 & 9, 11 & 12 closed
80486DX2	pins 1 & 2, 4 & 5, 8 & 9, 11 & 12 closed
Pentium Overdrive	pins 1 & 2, 4 & 5, 8 & 9, 11 & 12 closed

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CPU SPEED CONFIGURATION			
Speed	JP3	JP5	JP7
20MHz	pins 2 & 3 closed	pins 1 & 2, 5 & 6 closed	pins 2 & 3 closed
25MHz	pins 2 & 3 closed	pins 5 & 6 closed	pins 2 & 3 closed
33MHz	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed	pins 2 & 3 closed
40MHz	pins 1 & 2 closed	pins 1 & 2, 5 & 6 closed	pins 1 & 2 closed
50MHz	pins 2 & 3 closed	pins 5 & 6 closed	pins 2 & 3 closed
50MHz	pins 1 & 2 closed	pins 5 & 6 closed	pins 1 & 2 closed
66MHz	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed	pins 2 & 3 closed

BUS SPEED CONFIGURATION	
CPU speed	JP13
<= 33MHz	Open
> 33MHz	Closed