DTK COMPUTER, INC.
PKM-2500 (VER. 1.20)

Processor	80486SX
Processor Speed	25MHz
Chip Set	VLSI
Max. Onboard DRAM	16MB (8MB on external memory card)
Cache	64/256KB
BIOS	DTK/Phoenix
Dimensions	355mm x 305mm
I/O Options	32-bit external memory card (PEI-306)
NPU Options	4167
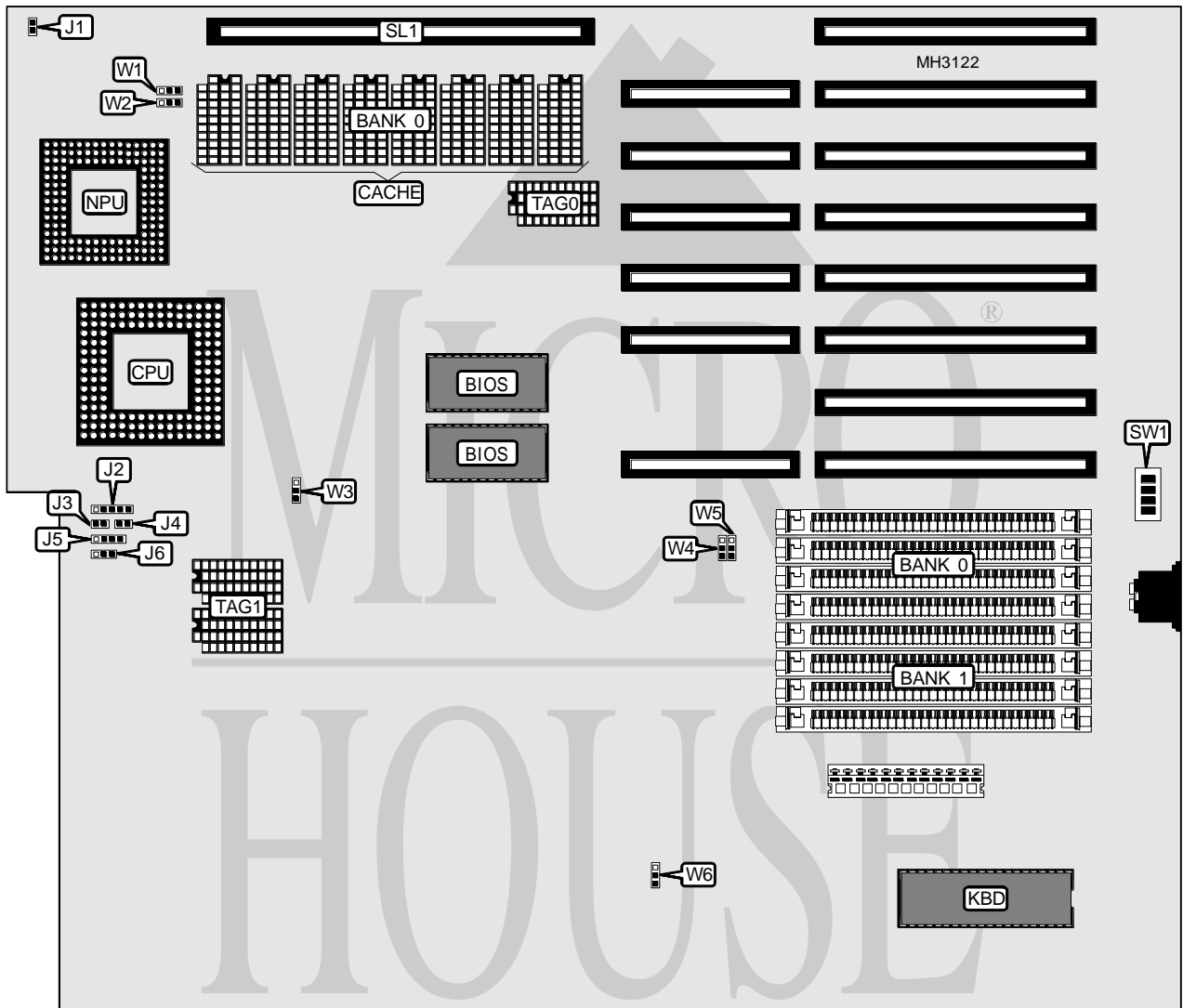
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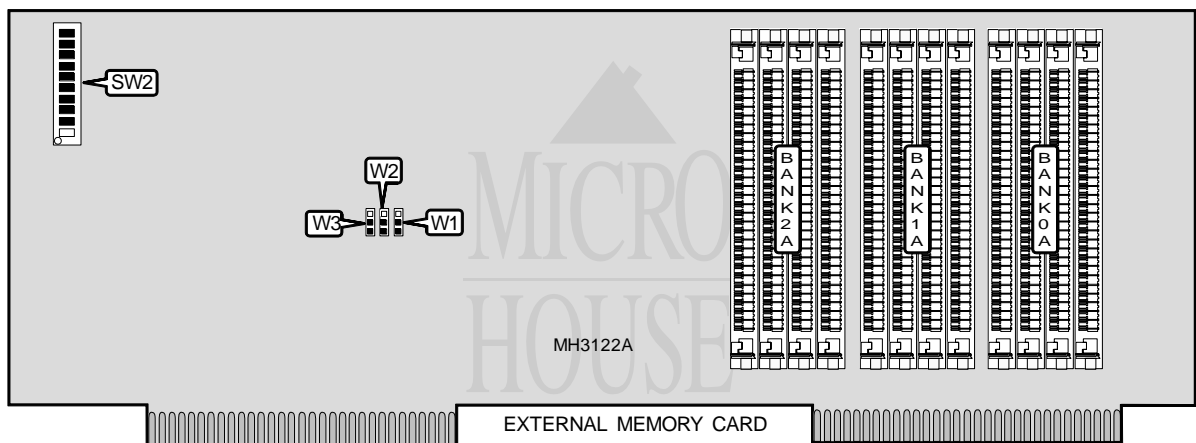
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CONNECTIONS			
Purpose	Location	Purpose	Location
Chassis fan power	J1	Speaker	J5
Power LED & keylock	J2	Turbo switch	J6
Turbo LED	J3	32-bit external memory card	SL1
Reset switch	J4		

USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
BIOS type select 27256	W3	pins 1 & 2 closed
BIOS type select 27512	W3	pins 2 & 3 closed
í Factory configured - do not alter	W6	N/A
Monitor type select color	SW1/4	On
Monitor type select monochrome	SW1/4	Off

CACHE CONFIGURATION			
Size	Bank 0	TAG 0	TAG 1
64KB	(8) 16K x 4	(1) 16K x 1	(2) 16K x 4
256KB	(8) 64K x 4	(1) 64K x 1	(2) 64K x 4

CACHE JUMPER CONFIGURATION		
Size	W1	W2
64KB	pins 1 & 2 closed	pins 1 & 2 closed
256KB	pins 2 & 3 closed	pins 2 & 3 closed

EXTERNAL MEMORY CARD

MH3122A

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DRAM CONFIGURATION					
Size	Bank 0	Bank 1	Bank 0A	Bank 1A	Bank 2A
1MB	(4) 256K x 9	NONE	NONE	NONE	NONE
2MB	(4) 256K x 9	(4) 256K x 9	NONE	NONE	NONE
3MB	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9	NONE	NONE
4MB (A)	(4) 1M x 9	NONE	NONE	NONE	NONE
4MB (B)	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9	NONE
5MB	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9
6MB	(4) 256K x 9	(4) 256K x 9	(4) 1M x 9	NONE	NONE
8MB	(4) 1M x 9	(4) 1M x 9	NONE	NONE	NONE
9MB	(4) 1M x 9	(4) 1M x 9	(4) 256K x 9	NONE	NONE
10MB (A)	(4) 1M x 9	(4) 1M x 9	(4) 256K x 9	(4) 256K x 9	NONE
10MB (B)	(4) 256K x 9	(4) 256K x 9	(4) 1M x 9	(4) 1M x 9	NONE
11MB	(4) 1M x 9	(4) 1M x 9	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9
12MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	NONE	NONE
14MB	(4) 256K x 9	(4) 256K x 9	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9
16MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	NONE
Note: Banks 0A, 1A, and 2A are located on the external memory card					

DRAM JUMPER CONFIGURATION					
Size	W1	W2	W3	W4	W5
1MB	N/A	N/A	N/A	2 & 3	2 & 3
2MB	N/A	N/A	N/A	2 & 3	2 & 3
3MB	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
4MB (A)	N/A	N/A	N/A	1 & 2	1 & 2
4MB (B)	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
5MB	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
6MB	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
8MB	N/A	N/A	N/A	1 & 2	1 & 2
9MB	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
10MB (A)	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
10MB (B)	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
11MB	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
12MB	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
14MB	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
16MB	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
Note: W4, W5 are located on the mainboard.					

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DRAM SWITCH CONFIGURATION (CON'T)			
Size	SW1/1	SW1/2	SW1/3
1MB	On	On	On
2MB	On	On	On
3MB	On	On	On
4MB (A)	On	On	Off
4MB (B)	On	On	On
5MB	On	Off	On
6MB	On	Off	On
8MB	On	Off	Off
9MB	Off	On	Off
10MB (A)	Off	On	Off
10MB (B)	Off	On	On
11MB	Off	On	Off
12MB	Off	On	Off
14MB	Off	Off	On
16MB	Off	Off	Off
Note: SW1 is located on the mainboard.			

DRAM SWITCH CONFIGURATION (CON'T)					
Size	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5
1MB	N/A	N/A	N/A	N/A	N/A
2MB	N/A	N/A	N/A	N/A	N/A
3MB	On	On	Off	Off	On
4MB (A)	N/A	N/A	N/A	N/A	N/A
4MB (B)	On	On	Off	Off	On
5MB	On	On	Off	Off	On
6MB	On	Off	Off	Off	On
8MB	N/A	N/A	N/A	N/A	N/A
9MB	On	On	On	Off	Off
10MB (A)	On	On	On	Off	Off
10MB (B)	On	Off	Off	Off	On
11MB	On	On	On	Off	Off
12MB	On	Off	On	Off	Off
14MB	On	Off	Off	Off	On
16MB	On	Off	On	Off	Off
Note: SW2 is located on the memory card					

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DRAM SWITCH CONFIGURATION (CON'T)					
Size	SW2/6	SW2/7	SW2/8	SW2/9	SW2/10
1MB	N/A	N/A	N/A	N/A	N/A
2MB	N/A	N/A	N/A	N/A	N/A
3MB	Off	Off	On	On	N/A
4MB (A)	N/A	N/A	N/A	N/A	N/A
4MB (B)	Off	Off	On	On	N/A
5MB	Off	Off	On	On	N/A
6MB	Off	Off	On	On	N/A
8MB	N/A	N/A	N/A	N/A	N/A
9MB	Off	Off	On	On	N/A
10MB (A)	Off	Off	On	On	N/A
10MB (B)	Off	Off	On	On	N/A
11MB	Off	Off	On	On	N/A
12MB	Off	Off	On	On	N/A
14MB	Off	Off	On	On	N/A
16MB	Off	Off	On	On	N/A
Note: SW2 is located on the memory card.					