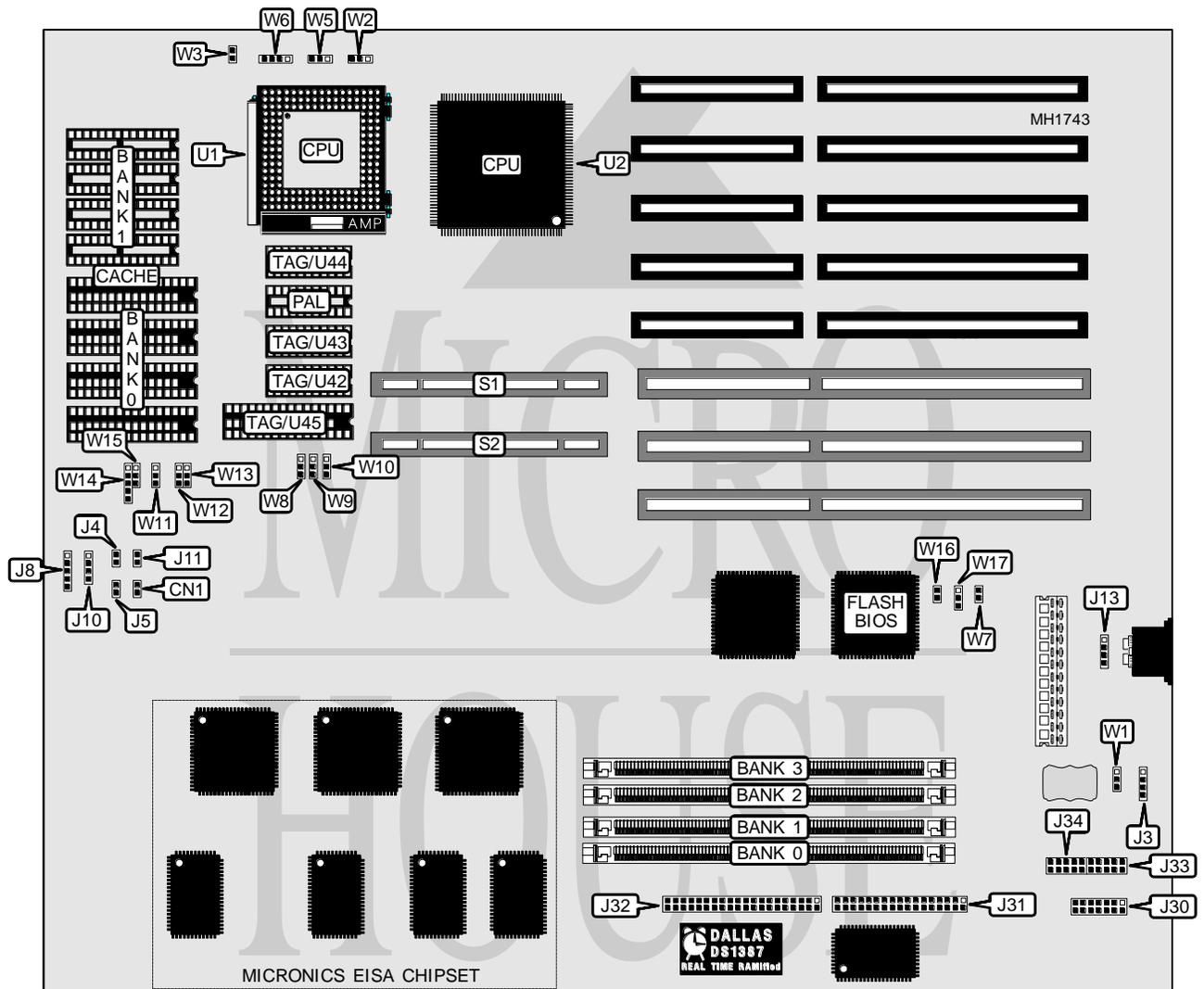


MICRONICS COMPUTERS, INC. EISA 3 VL-BUS SYSTEM BOARD

Processor	80486SX/80487SX/80486DX/80486DX2/Pentium Overdrive
Processor Speed	25/33/50(internal)/66(internal)MHz
Chip Set	Micronics
Max. Onboard DRAM	64MB
Cache	64/128/256/512KB
BIOS	Phoenix
Dimensions	355mm x 304mm
I/O Options	32-bit VESA local bus slots (2), floppy drive interface, IDE interface, parallel port, serial ports (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Hard drive LED	CN1	Parallel port	J30
External battery	J3	Floppy drive interface	J31
Turbo switch	J4	IDE interface	J32
Turbo LED	J5	Serial port 1	J33
Power LED & keylock	J8	Serial port 2	J34
Speaker	J10	32-bit VESA Local bus slot	S1
Reset switch	J11	32-bit VESA Local bus slot	S2
External keyboard connector	J13		

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	W1	pins 1 & 2 closed
í Monitor type select color	W7	Closed
Monitor type select monochrome	W7	Open
í AT style keyboard	W16	Open
PS/2 style keyboard	W16	Closed
í CMOS memory normal operation	W17	pins 1 & 2 closed
CMOS memory clear	W17	pins 2 & 3 closed
í Real Time Clock memory normal operation	W18	Open
Real Time Clock memory clear	W18	Closed

Note: W18 may not appear on the system mainboard, depending upon the clock chip installed. If W18 is present, use it instead of W17. The location of W18 is unknown.

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
4MB	(1) 1M x 36	NONE	NONE	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
16MB	(1) 1M x 36			
16MB	(1) 4M x 36	NONE	NONE	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
64MB	(1) 4M x 36			

CACHE CONFIGURATION						
Size	Bank 0	Bank 1	TAG/U42	TAG/U43	TAG/U44	TAG/U45
64KB	(4) 8K x 8	(4) 8K x 8	NONE	NONE	(1) 64K x 8	(1) 8K x 8
128KB	(4) 32K x 8	NONE	NONE	NONE	(1) 64K x 8	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 16K x1	(1) 16K x1	(1) 64K x 8	NONE
512KB	(4) 128K x 8	NONE	NONE	NONE	(1) 64K x 8	(1) 32K x 8

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CACHE JUMPER CONFIGURATION								
Size	W8	W9	W10	W11	W12	W13	W14	W15
64KB	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	3 & 4	2 & 3
128KB	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2	4 & 5	1 & 2
256KB	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
512KB	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	4 & 5	1 & 2

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION				
U1	U2	W2	W5	W6
None	80486SX (PQFP)	pins 1 & 2	pins 1 & 2	None
80486SX	None	pins 1 & 2	pins 2 & 3	pins 2 & 3
80487SX	80486SX (PQFP)	pins 1 & 2	pins 2 & 3	pins 1 & 2, 3 & 4
80487SX	None	pins 1 & 2	pins 2 & 3	pins 1 & 2, 3 & 4
80486DX	80486SX (PQFP)	pins 2 & 3	pins 1 & 2	pins 1 & 2, 3 & 4
80486DX	None	pins 2 & 3	pins 1 & 2	pins 1 & 2, 3 & 4
80486DX2	80486SX (PQFP)	pins 1 & 2	pins 2 & 3	pins 1 & 2, 3 & 4
80486DX2	None	pins 1 & 2	pins 1 & 2	pins 1 & 2, 3 & 4
Pentium Overdrive	None	pins 2 & 3	pins 2 & 3	pins 1 & 2, 3 & 4

Note: Pins designated should be in the closed position.

CPU SPEED CONFIGURATION		
CPU	Speed	W3
80486SX/80486DX	25MHz	On
80486SX/80486DX	33MHz	Off
80486DX2	50i MHz	On
80486DX2	66i MHz	Off