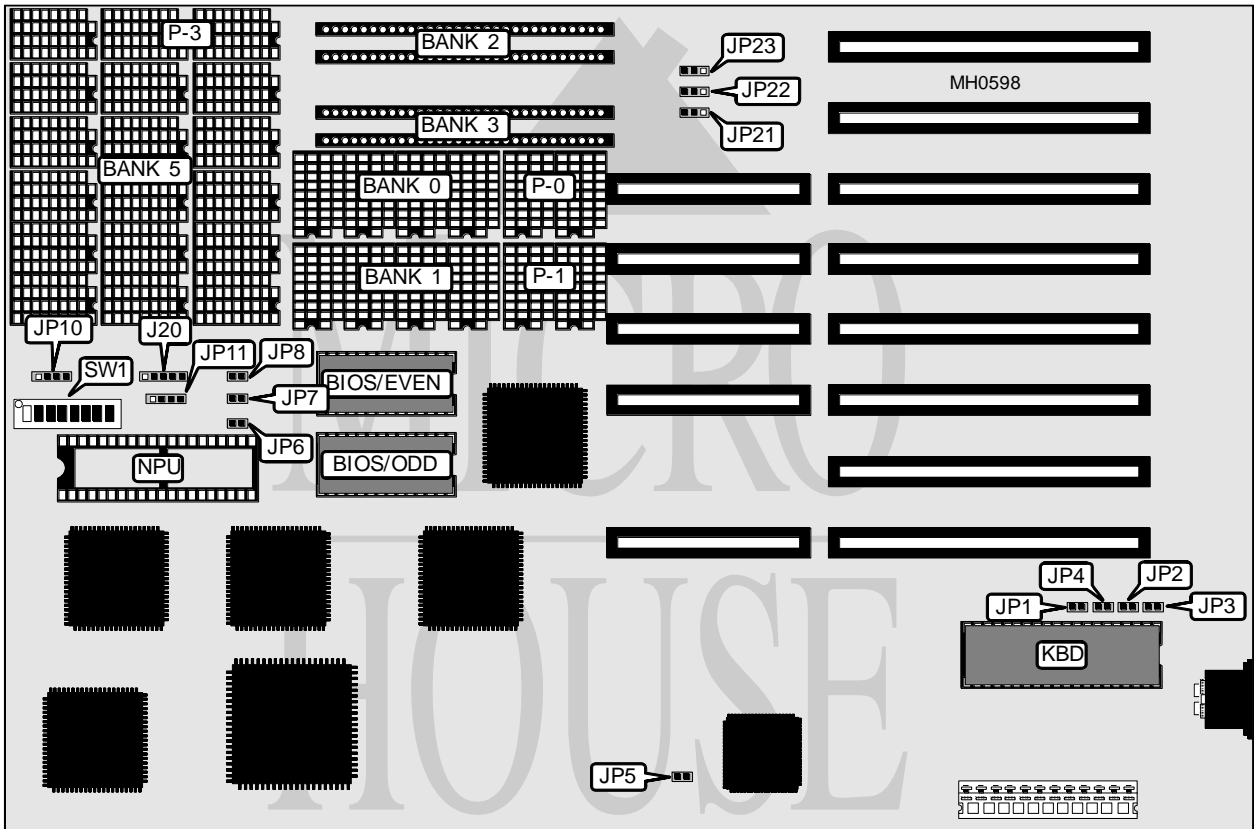


# UNIDENTIFIED SUPER 286

<b>Processor</b>	80286
<b>Processor Speed</b>	12MHz
<b>Chip Set</b>	Unidentified
<b>Max. Onboard DRAM</b>	4MB
<b>Cache</b>	None
<b>BIOS</b>	AMI/Award/ERSO/Phoenix
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	None
<b>NPU Options</b>	80287



CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	J20	Turbo LED	JP8
Reset switch	JP6	Speaker	JP10
Turbo switch	JP7	External battery	JP11

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# UNIDENTIFIED SUPER 286

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í BIOS type select Phoenix	JP1	Closed
BIOS type select Award	JP3	Closed
í DRAM wait states select 0 wait states	JP5	Closed
DRAM wait state select 1 wait state	JP5	Open
í CPU speed select switchable at keyboard (boot slow) [CTRL][ALT][-] slow speed (Award BIOS) [CTRL][ALT][+] fast speed (Award BIOS) [CTRL][ALT][\] toggle speeds (Phoenix BIOS)	JP7	Open
CPU speed select forced fast	JP7	Closed
í Monitor type select color	SW1/2	On
Monitor type select monochrome	SW1/2	Off
í EMS port address select 098-09FH	SW1/4	Off
EMS port address select 0E8-0EFH	SW1/4	On
í BIOS type select 27256	SW1/5	Off
BIOS type select 27128	SW1/5	On

DRAM CONFIGURATION					
Size	Bank 0	Bank 1	Bank 2	Bank 3	Bank 5
512KB <sup>1</sup>	NONE	NONE	NONE	NONE	(16) 41256
512KB <sup>2</sup>	(4) 44256	NONE	NONE	NONE	NONE
512KB <sup>3</sup>	NONE	NONE	(2) 256K x 9	NONE	NONE
640KB <sup>1</sup>	(4) 44256	NONE	NONE	NONE	(16) 4164
640KB <sup>2</sup>	NONE	NONE	(2) 256K x 9	NONE	(16) 4164
1MB <sup>1</sup>	(4) 44256	(4) 44256	NONE	NONE	NONE
1MB <sup>2</sup>	NONE	NONE	(2) 256K x 9	(2) 256K x 9	NONE
1MB <sup>3</sup>	(4) 44256	NONE	NONE	NONE	(16) 41256
1MB <sup>4</sup>	NONE	NONE	(2) 256K x 9	NONE	(16) 41256
1MB <sup>5</sup>	NONE	(4) 44256	NONE	NONE	(16) 41256
1MB <sup>6</sup>	NONE	NONE	NONE	(2) 256K x 9	(16) 41256
2MB <sup>1</sup>	NONE	NONE	NONE	NONE	(16) 411000
2MB <sup>2</sup>	NONE	NONE	(2) 1M x 9	NONE	NONE
4MB <sup>1</sup>	NONE	NONE	(2) 1M x 9	(2) 1M x 9	NONE
4MB <sup>2</sup>	NONE	NONE	(2) 1M x 9	NONE	(16) 411000
4MB <sup>3</sup>	NONE	NONE	NONE	(2) 1M x 9	(16) 411000

Note: Reference the next table for the proper parity configurations.

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# UNIDENTIFIED SUPER 286

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DRAM PARITY CONFIGURATION			
Size	P-0	P-1	P-3
512KB <sup>1</sup>	NONE	NONE	(2) 41256
512KB <sup>2</sup>	(2) 41256	NONE	NONE
640KB <sup>1</sup>	(2) 41256	NONE	(2) 4164
640KB <sup>2</sup>	NONE	NONE	(2) 4164
1MB <sup>1</sup>	(2) 41256	(2) 41256	NONE
1MB <sup>3</sup>	(2) 41256	NONE	(2) 41256
1MB <sup>4</sup>	NONE	NONE	(2) 41256
1MB <sup>5</sup>	(2) 41256	NONE	(2) 41256
1MB <sup>6</sup>	NONE	NONE	(2) 41256
2MB <sup>1</sup>	NONE	NONE	(2) 411000
4MB <sup>2</sup>	NONE	NONE	(2) 411000
4MB <sup>3</sup>	NONE	NONE	(2) 411000

Note: Reference the previous table for the proper DRAM configurations.

DRAM JUMPER/SWITCH CONFIGURATION						
Size	SW1/6	SW1/7	SW1/8	JP21	JP22	JP23
512KB	On	On	On	1 & 2	1 & 2	1 & 2
640KB	On	On	Off	2 & 3	2 & 3	2 & 3
1MB	On	Off	On	2 & 3	2 & 3	2 & 3
1MB	On	Off	On	1 & 2	1 & 2	1 & 2
2MB	Off	On	On	1 & 2	1 & 2	1 & 2
4MB	Off	Off	On	2 & 3	2 & 3	2 & 3
4MB	Off	Off	On	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

EMS SWITCH CONFIGURATION			
Size(640KB base)	SW1/6	SW1/7	SW1/8
+EMS (384KB)	On	Off	Off
+EMS (1408KB)	Off	On	Off
+EMS (3456KB)	Off	Off	Off