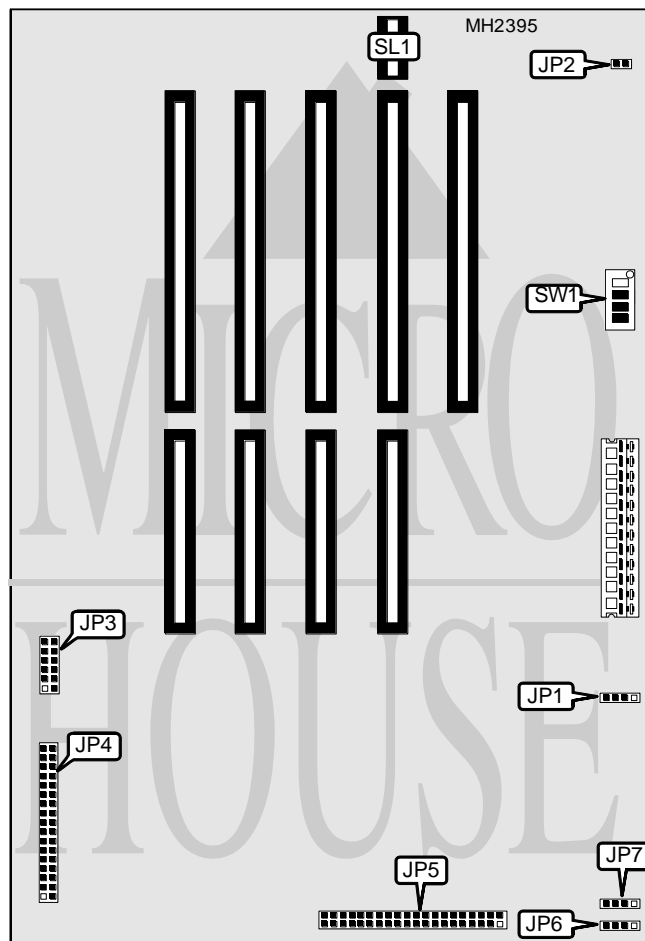


# ADVANCED LOGIC RESEARCH, INC. VIP286 (MODULAR PROCESSOR SYSTEM)

<b>Processor</b>	80286 (exact location unknown)/80386SX/80386DX (on CPU cards)
<b>Processor Speed</b>	12/16/20MHz
<b>Chip Set</b>	ALR
<b>Max. Onboard DRAM</b>	5(286)/8(SX386)/16(386)MB
<b>Cache</b>	16KB
<b>BIOS</b>	Phoenix
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	16-bit external CPU card, floppy drive interface, embedded AT hard drive interface, serial port
<b>NPU Options</b>	80287/80387 (on CPU cards)



CONNECTIONS			
Purpose	Location	Purpose	Location
Speaker	JP1	Embedded AT hard drive interface	JP5
Reset switch	JP2	Hard drive LED	JP6
Serial port	JP3	Panel LED	JP7
Floppy drive interface	JP4	External CPU card slot	SL1

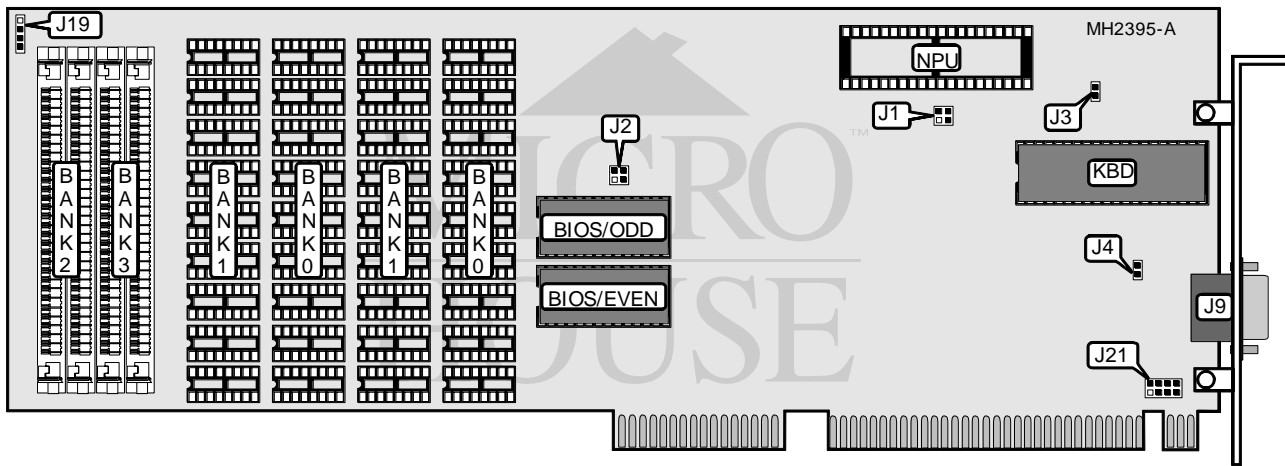
Continued on next page. . .

# ADVANCED LOGIC RESEARCH, INC. VIP286 (MODULAR PROCESSOR SYSTEM)

... continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í Floppy drive interface enabled	SW1/1	On
Floppy drive interface disabled	SW1/1	Off
í COM1 enabled	SW1/2	On
COM1 disabled	SW1/2	Off
COM2 disabled	SW1/3	Off
COM2 enabled	SW1/3	On
í Embedded AT hard drive disabled	SW1/4	Off
Embedded AT hard drive enabled	SW1/4	On

Note: It is not possible to run COM1 & COM2 at any one time. If SW1/2 is On, SW1/3 MUST be Off, likewise, if SW1/3 is On, SW1/2 MUST be Off. However, both switches may be off.



CONNECTIONS (286 CPU CARD)			
Purpose	Location	Purpose	Location
Keyboard or Serial	J9	Panel LED	J21
Speaker	J19		

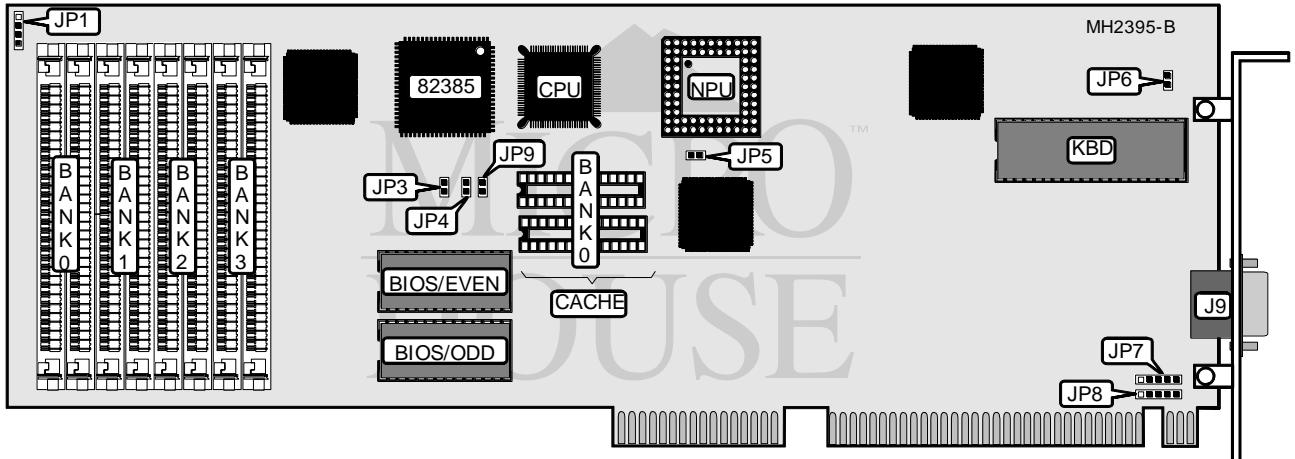
USER CONFIGURABLE SETTINGS (286 CPU CARD)		
Function	Jumper	Position
í Factory configured - do not alter	J1	N/A
í Factory configured - do not alter	J2	N/A
í Factory configured - do not alter	J3	N/A
í Monitor type select monochrome	J4	Open
Monitor type select color	J4	Closed

Continued on next page. . .

# ADVANCED LOGIC RESEARCH, INC. VIP286 (MODULAR PROCESSOR SYSTEM)

... continued from previous page

DRAM CONFIGURATION (286 CPU CARD)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
512KB	(18) 256K x 1	None	None	None
1MB	(18) 256K x 1	(18) 256K x 1	None	None
2MB	(18) 256K x 1	(18) 256K x 1	(2) 256K x 9	(2) 256K x 9
5MB	(18) 256K x 1	(18) 256K x 1	(2) 1M x 9	(2) 1M x 9



CONNECTIONS (SX386 CPU CARD)			
Purpose	Location	Purpose	Location
Serial port	J9	Keyboard	JP7
Speaker	JP1	Panel LED	JP8

USER CONFIGURABLE SETTINGS (SX386 CPU CARD)			
Function	Jumper	Position	
í Factory configured - do not alter	JP3	N/A	
í Monitor type select monochrome	JP4	Open	
í Monitor type select color	JP4	Closed	
í Factory configured - do not alter	JP5	N/A	
í Factory configured - do not alter	JP6	N/A	
í Factory configured - do not alter	JP9	N/A	

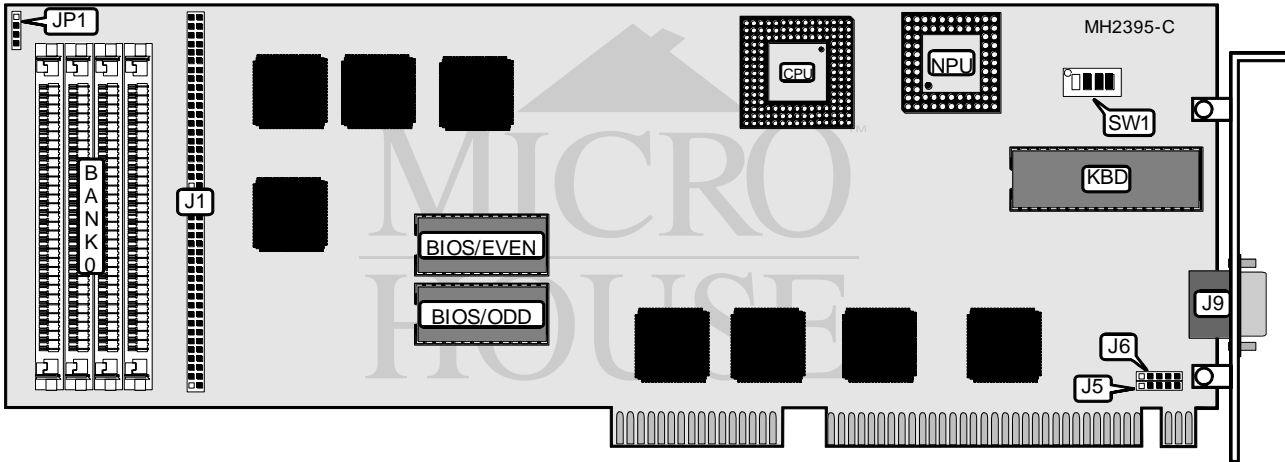
DRAM CONFIGURATION (SX386 CPU CARD)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
512KB	(2) 256K x 9	NONE	NONE	NONE
1MB	(2) 256K x 9	(2) 256K x 9	NONE	NONE
1.5MB	(2) 256K x 9	(2) 256K x 9	(2) 256K x 9	NONE
2MB	(2) 256K x 9	(2) 256K x 9	(2) 256K x 9	(2) 256K x 9
2MB	(2) 1M x 9	NONE	NONE	NONE
4MB	(2) 1M x 9	(2) 1M x 9	NONE	NONE
6MB	(2) 1M x 9	(2) 1M x 9	(2) 1M x 9	NONE
8MB	(2) 1M x 9	(2) 1M x 9	(2) 1M x 9	(2) 1M x 9

Continued on next page...

# ADVANCED LOGIC RESEARCH, INC. VIP286 (MODULAR PROCESSOR SYSTEM)

... continued from previous page

CACHE CONFIGURATION (SX386 CPU CARD)	
Size	Bank 0
16KB	(2) 8K x 8



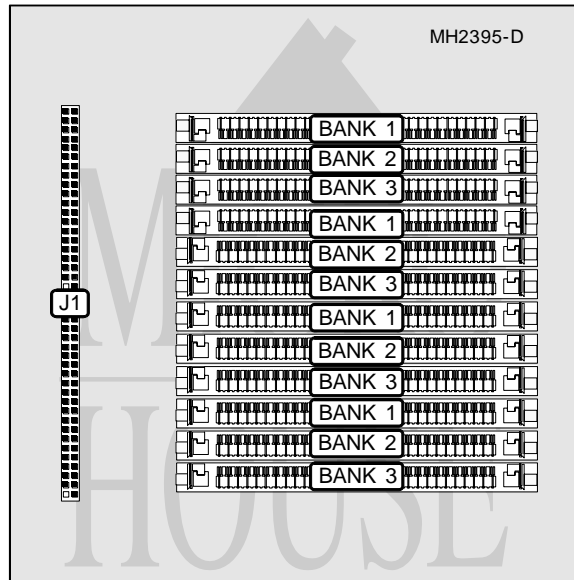
CONNECTIONS (386 CPU CARD)			
Purpose	Location	Purpose	Location
RAMPAK connection	J1	Keyboard or serial port	J9
Panel LED	J5	Speaker	JP1

USER CONFIGURABLE SETTINGS (386 CPU CARD)		
Function	Jumper/Switch	Position
í Factory configured - do not alter	J6	N/A
í NPU disabled	SW1/1	Off
NPU enabled	SW1/1	On
í Factory configured - do not alter	SW1/2	N/A
í Monitor type select monochrome	SW1/3	Off
Monitor type select color	SW1/3	On
í Factory configured - do not alter	SW1/4	N/A

Continued on next page...

# ADVANCED LOGIC RESEARCH, INC. VIP286 (MODULAR PROCESSOR SYSTEM)

... continued from previous page



CONNECTIONS (RAMPAK)	
Purpose	Location
386 CPU card connection	J1

DRAM CONFIGURATION (386 CPU CARD & RAMPAK)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(4) 256K x 9	NONE	NONE	NONE
2MB	(4) 256K x 9	(4) 256K x 9	NONE	NONE
4MB	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE	NONE	NONE
8MB	(4) 1M x 9	(4) 1M x 9	NONE	NONE
10MB	(4) 256K x 9	(4) 256K 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