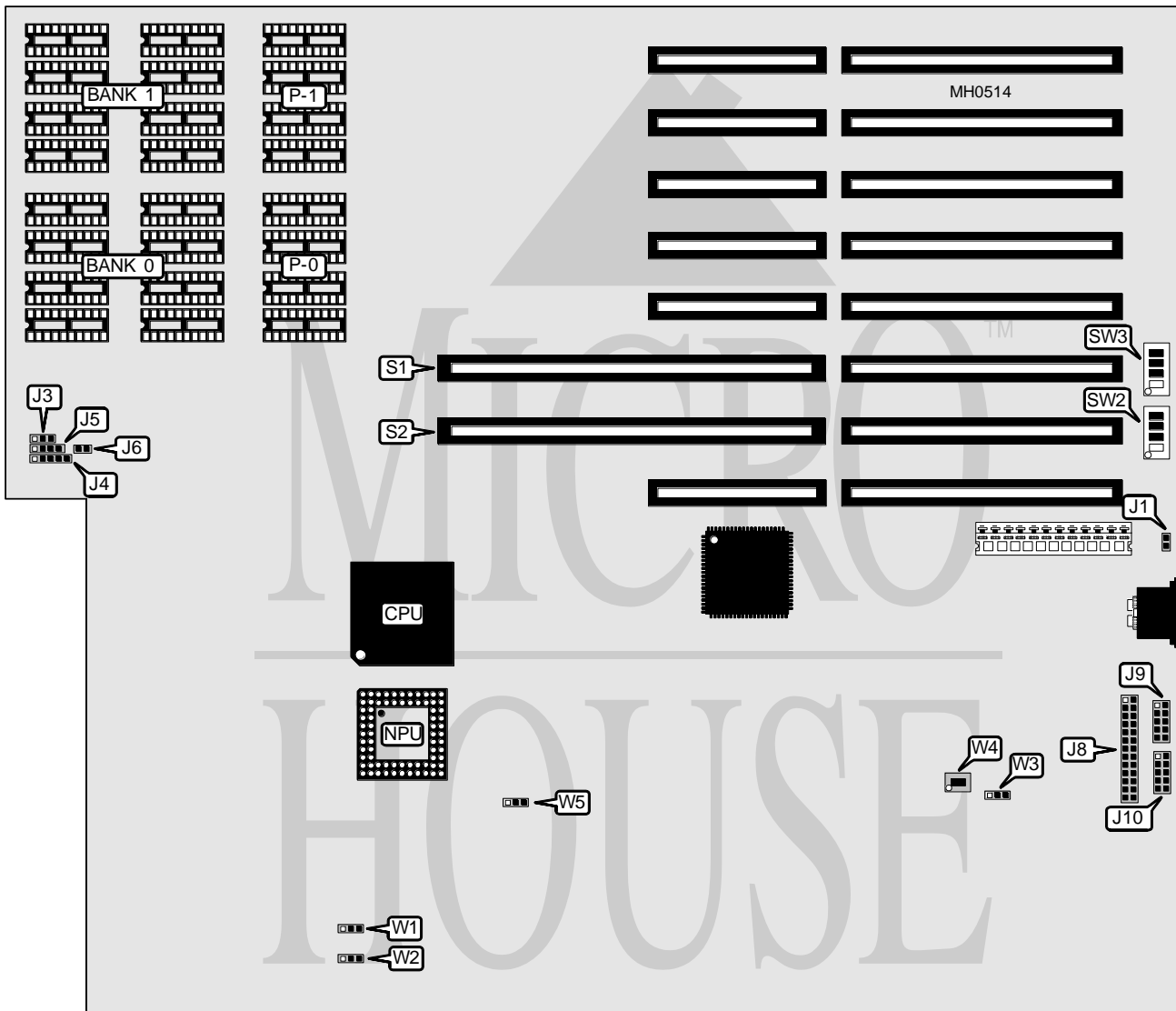


EVEREX SYSTEMS, INC.

AGI 386/20/16

Processor	80386DX
Processor Speed	16/20MHz
Chip Set	Suntac
Max. Onboard DRAM	18MB (16MB on external memory card)
Cache	None
BIOS	AMI
Dimensions	355mm x 304mm
I/O Options	32-bit external memory card slots (2), parallel port, serial ports (2)
NPU Options	80387



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CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo LED	J3	Parallel port	J8
Power LED & keylock	J4	Serial port 1	J9
Speaker	J5	Serial port 2	J10
Reset switch	J6	32-bit external memory card	S1 & S2

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	J1	N/A
í Expansion bus (8-bit) speed select 5 wait states	W1	pins 1 & 2 closed
Expansion bus (8-bit) speed select 4 wait states	W1	pins 2 & 3 closed
í Expansion bus (16-bit) speed select 1 wait states	W2	pins 1 & 2 closed
Expansion bus (16-bit) speed select 2 wait states	W2	pins 2 & 3 closed
í Power on speed select high/switchable from keyboard	W3	pins 2 & 3 closed
Power on speed select slow	W3	pins 1 & 2 closed
í Monitor type select monochrome	W4	Closed
Monitor type select color	W4	Open
í Factory configured - do not alter	W5	pins 2 & 3 closed

DRAM CONFIGURATION						
Size	Bank 0	Bank 1	Bank 2	Bank 3	Bank 4	Bank 5
1MB	(8) 44256	NONE	NONE	NONE	NONE	NONE
2MB	(8) 44256	(8) 44256	NONE	NONE	NONE	NONE
3MB	(8) 44256	(8) 44256	(4) 256K x 9	NONE	NONE	NONE
4MB	(8) 44256	(8) 44256	(4) 256K x 9	(4) 256K x 9	NONE	NONE
5MB	(8) 44256	NONE	(4) 1M x 9	NONE	NONE	NONE
6MB	(8) 44256	(8) 44256	(4) 1M x 9	NONE	NONE	NONE
7MB	(8) 44256	(8) 44256	(4) 256K x 9	(4) 1M x 9	NONE	NONE
8MB	NONE	NONE	(4) 1M x 9	(4) 1M x 9	NONE	NONE
9MB	(8) 44256	NONE	(4) 1M x 9	(4) 1M x 9	NONE	NONE
10MB	(8) 44256	(8) 44256	(4) 1M x 9	(4) 1M x 9	NONE	NONE
11MB	(8) 44256	(8) 44256	(4) 1M x 9	(4) 1M x 9	(4) 256K x 9	NONE
12MB	(8) 44256	(8) 44256	(4) 1M x 9	(4) 1M x 9	(4) 256K x 9	(4) 256K x 9
13MB	(8) 44256	NONE	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	NONE
14MB	(8) 44256	(8) 44256	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	NONE
15MB	(8) 44256	(8) 44256	(4) 1M x 9	(4) 1M x 9	(4) 256K x 9	(4) 1M x 9
18MB	(8) 44256	(8) 44256	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9

Note: Banks 2, 3, 4, & 5 are used when 32-bit external memory cards are installed.

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DRAM PARITY CONFIGURATION		
Size	P-0	P-1
1MB	(4) 41256	NONE
2MB	(4) 41256	(4) 41256
3MB	(4) 41256	(4) 41256
4MB	(4) 41256	(4) 41256
5MB	(4) 41256	NONE
6MB	(4) 41256	(4) 41256
7MB	(4) 41256	(4) 41256
9MB	(4) 41256	NONE
10MB	(4) 41256	(4) 41256
11MB	(4) 41256	(4) 41256
12MB	(4) 41256	(4) 41256
13MB	(4) 41256	NONE
14MB	(4) 41256	(4) 41256
15MB	(4) 41256	(4) 41256
18MB	(4) 41256	(4) 41256

DRAM SWITCH CONFIGURATION				
Size	SW1/1	SW1/2	SW1/3	SW1/4
1MB	On	On	On	On
2MB	Off	Off	On	On
4MB	Off	Off	On	Off
*4MB	Off	Off	On	On

Notes: The setting designated with an asterisk (*) is for the EV159 16-bit memory card. 4MB configurations can be achieved only when using an external memory card, refer to the card manufacturer's documentation for memory & jumper configurations.

PARALLEL PORT CONFIGURATION						
Port	I/O address	IRQ	SW2/3	SW2/4	SW3/3	SW3/4
LPT1	378-37F	IRQ7	Off	Off	Off	On
LPT2	278-27F	IRQ5	Off	On	On	Off
Disabled	NONE	NONE	On	On	Off	Off

SERIAL PORT 1 CONFIGURATION				
Setting	SW2/1	SW2/2	SW3/1	SW3/2
COM1 enabled	Off	N/A	On	N/A
Disabled	N/A	On	N/A	Off

SERIAL PORT 2 CONFIGURATION				
Setting	SW2/1	SW2/2	SW3/1	SW3/2
COM2 enabled	On	N/A	Off	N/A
Disabled	N/A	On	N/A	Off