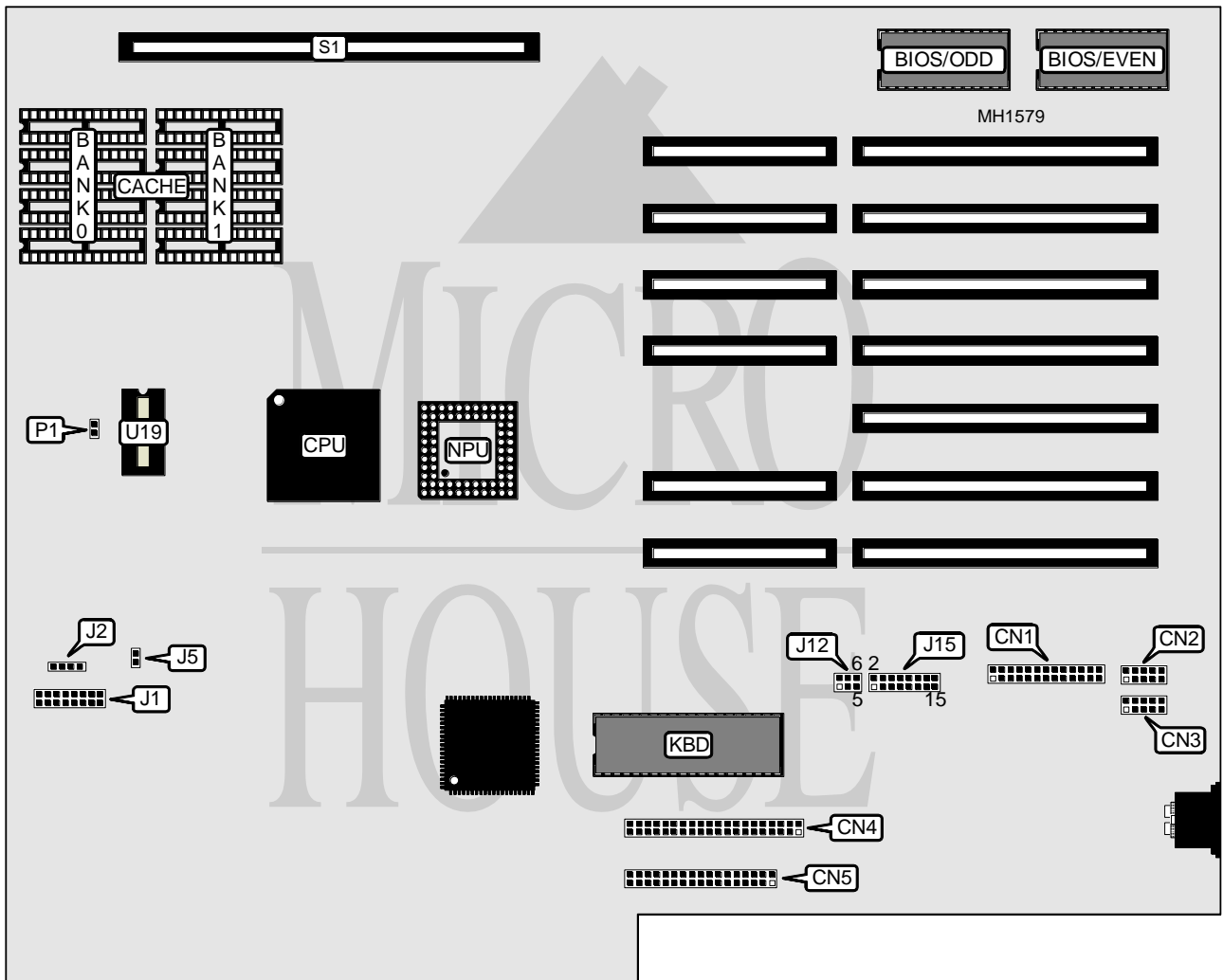


# EVEREX SYSTEMS, INC.

## STEP 386/20/25/33 GATE ARRAY (EV-18108)

<b>Processor</b>	80386DX
<b>Processor Speed</b>	20/25/33MHz
<b>Chip Set</b>	C & T
<b>Max. onboard DRAM</b>	32MB
<b>SRAM Cache</b>	128/256KB
<b>BIOS</b>	AMI/MR
<b>Dimensions</b>	355mm x 304mm
<b>I/O Options</b>	32-bit external memory card, floppy drive interface, IDE interface, parallel port, serial ports (2)
<b>NPU Options</b>	80387DX



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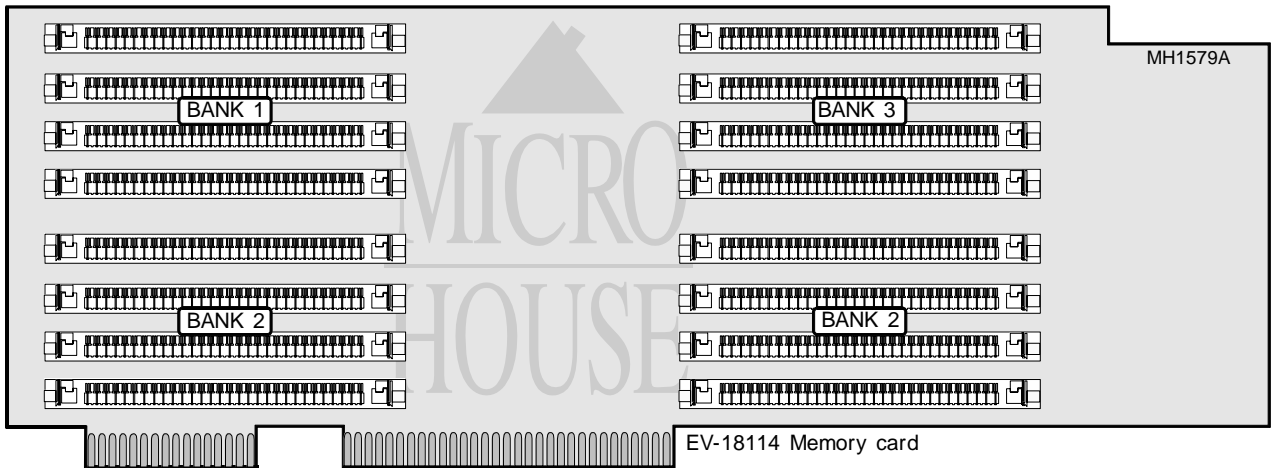
STEP 386/20/25/33 GATE ARRAY (EV-18108)

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CONNECTIONS			
Purpose	Location	Purpose	Location
Parallel port	CN1	LED connector	J1
Serial port 1	CN2	Speaker	J2
Serial port 2	CN3	IDE interface LED	J5
IDE interface	CN4	32-bit external memory card	S1
Floppy drive interface	CN5	Instep socket	U19

CACHE CONFIGURATION			
Size	Max Cachable	Bank 0	Bank 1
128KB	16MB	(4) 32K x 8	NONE
256KB	32MB	(4) 32K x 8	(4) 32K x 8

CACHE JUMPER CONFIGURATION	
Size	P1
128KB	Open
256KB	Closed



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## EVEREX SYSTEMS, INC.

## STEP 386/20/25/33 GATE ARRAY (EV-18108)

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DRAM CONFIGURATION				
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
3MB	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9	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
5MB	(4) 1M x 9	(4) 256K x 9	NONE	NONE
6MB	(4) 1M x 9	(4) 256K x 9	(4) 256K x 9	NONE
7MB	(4) 1M x 9	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9
8MB	(4) 1M x 9	(4) 1M x 9	NONE	NONE
9MB	(4) 1M x 9	(4) 1M x 9	(4) 256K x 9	NONE
10MB	(4) 1M x 9	(4) 1M x 9	(4) 256K x 9	(4) 256K x 9
12MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	NONE
13MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	(4) 256K x 9
16MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE	NONE	NONE
17MB	(4) 4M x 9	(4) 256K x 9	NONE	NONE
18MB	(4) 4M x 9	(4) 256K x 9	(4) 256K x 9	NONE
20MB	(4) 4M x 9	(4) 1M x 9	NONE	NONE
21MB	(4) 4M x 9	(4) 1M x 9	(4) 256K x 9	NONE
22MB	(4) 4M x 9	(4) 1M x 9	(4) 256K x 9	(4) 256K x 9
24MB	(4) 4M x 9	(4) 1M x 9	(4) 1M x 9	NONE
25MB	(4) 4M x 9	(4) 1M x 9	(4) 1M x 9	(4) 256K x 9
28MB	(4) 4M x 9	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9
32MB	(4) 4M x 9	(4) 4M x 9	NONE	NONE
33MB	(4) 4M x 9	(4) 4M x 9	(4) 256K x 9	NONE
34MB	(4) 4M x 9	(4) 4M x 9	(4) 256K x 9	(4) 256K x 9
36MB	(4) 4M x 9	(4) 4M x 9	(4) 1M x 9	NONE
37MB	(4) 4M x 9	(4) 4M x 9	(4) 1M x 9	(4) 256K x 9
40MB	(4) 4M x 9	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9
48MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	NONE
49MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	(4) 256K x 9
52MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	(4) 1M x 9
64MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9

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STEP 386/20/25/33 GATE ARRAY (EV-18108)

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SERIAL PORT 1 CONFIGURATION				
Port 1 (CN2)	J15/1 & 2	J15/3 & 4	J15/5 & 6	J15/7 & 8
í IRQ4	Open	Open	Closed	Open
IRQ3	Open	Closed	Open	Open
IRQ5	Open	Open	Open	Closed
IRQ9	Closed	Open	Open	Open

SERIAL PORT CONFIGURATION				
Port 1 (CN3)	J15/9 & 10	J15/11 & 12	J15/13 & 14	J15/15 & 16
íIRQ3	Open	Closed	Open	Open
IRQ4	Open	Open	Closed	Open
IRQ5	Open	Open	Open	Closed
IRQ9	Closed	Open	Open	Open

PARALLEL PORT CONFIGURATION			
LPT 2	J12/pins 1 & 2	J12/pins 3 & 4	J12/pins 5 & 6
í IRQ7	Open	Open	Closed
IRQ5	Open	Closed	Open
IRQ9	Closed	Open	Open