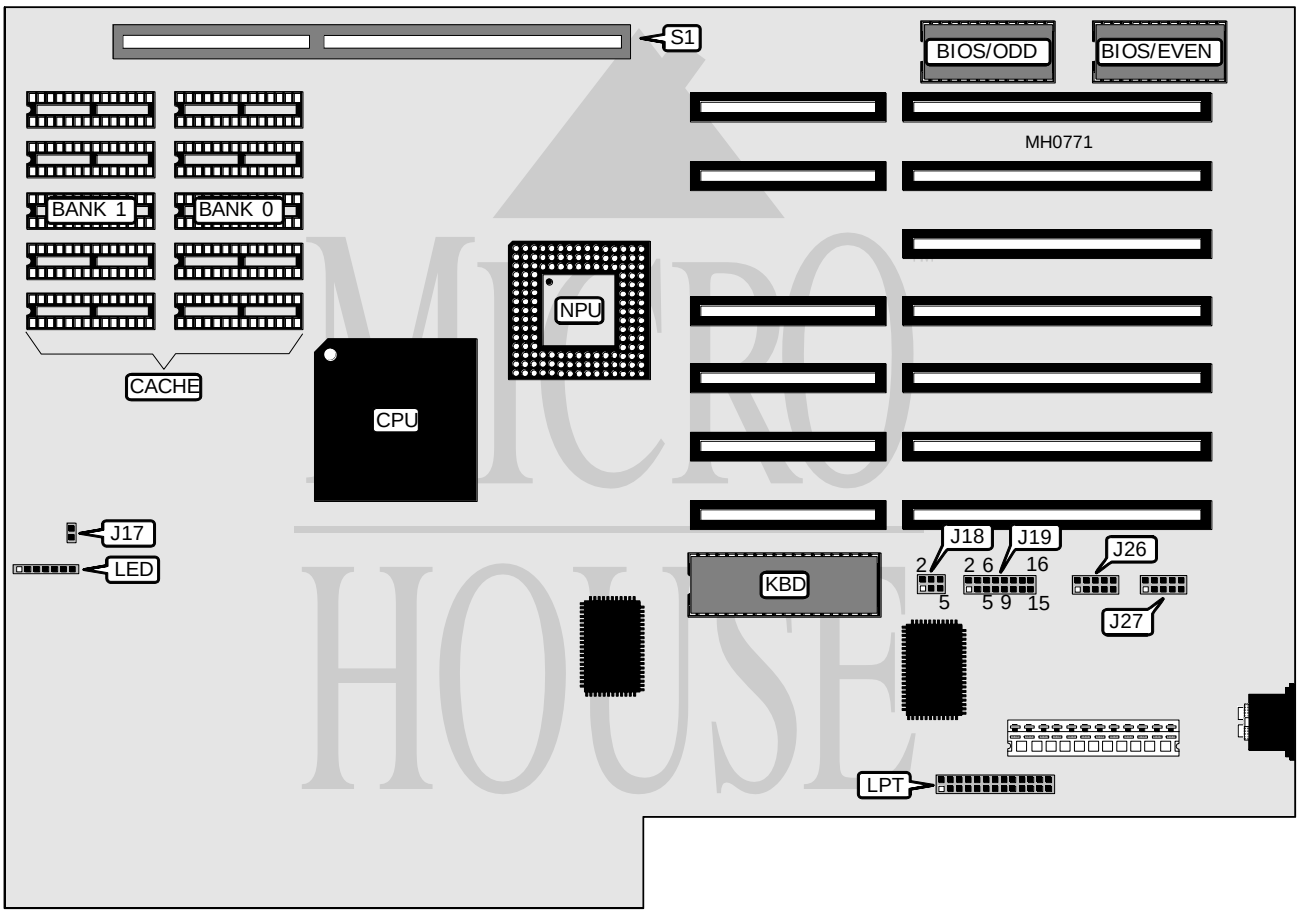
EVEREX SYSTEMS, INC.
STEP 486 GATE ARRAY (EV-8038)

Processor	80486DX
Processor Speed	25/33MHz
Chip Set	Everex
Max. Onboard DRAM	64MB (on external memory board)
Cache	128/256KB
BIOS	Everex
Dimensions	355mm x 250mm
I/O Options	32-bit external memory card slot, parallel port, serial ports (2)
NPU Options	4167



CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port (COM1)	J26	Parallel port	LPT
Serial port (COM2)	J27	External memory card slot	S1
Front panel connecter	LED		

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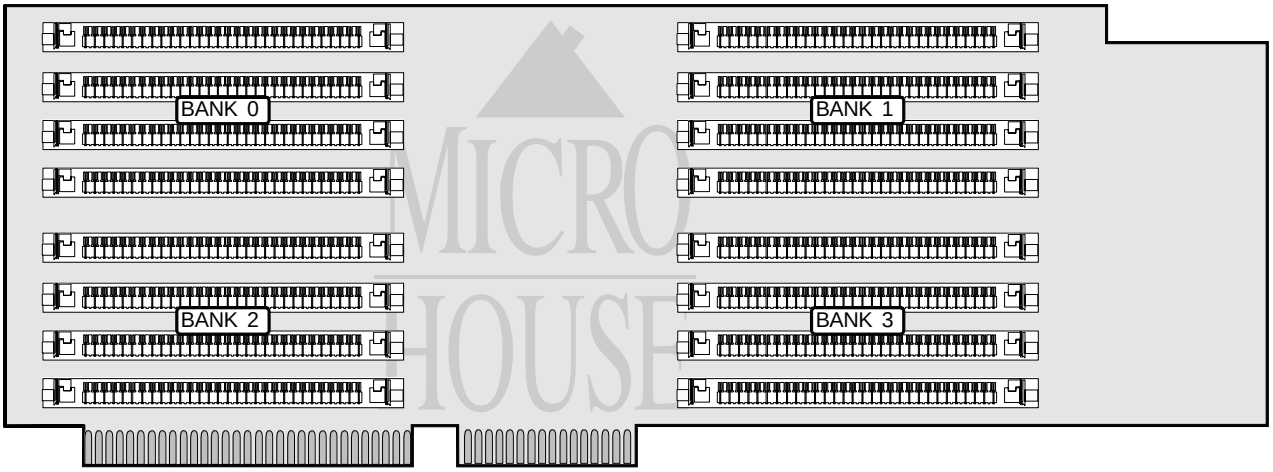
USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Parallel port interrupt select IRQ7	J18	pins 5 & 6 closed
Parallel port interrupt select IRQ5	J18	pins 3 & 4 closed
Parallel port interrupt select IRQ9	J18	pins 1 & 2 closed
í Serial port COM1 interrupt select IRQ4	J19	pins 5 & 6 closed
Serial port COM1 interrupt select IRQ3	J19	pins 3 & 4 closed
Serial port COM1 interrupt select IRQ5	J19	pins 7 & 8 closed
Serial port COM1 interrupt select IRQ9	J19	pins 1 & 2 closed
í Serial port COM2 interrupt select IRQ3	J19	pins 11 & 12 closed
Serial port COM2 interrupt select IRQ4	J19	pins 13 & 14 closed
Serial port COM2 interrupt select IRQ5	J19	pins 15 & 16 closed
Serial port COM2 interrupt select IRQ9	J19	pins 9 & 10 closed

CACHE CONFIGURATION		
Size	Bank 0	Bank 1
128KB	(5) 32K x 8	NONE
256KB	(5) 32K x 8	(5) 32K x 8

CACHE JUMPER CONFIGURATION	
Size	J17
128KB	Open
256KB	Closed



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DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
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) 1M x 9	(4) 1M x 9	(4) 256K 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
32MB	(4) 4M x 9	(4) 4M x 9	NONE	NONE
34MB	(4) 4M x 9	(4) 4M x 9	(4) 256K x 9	(4) 256K x 9
40MB	(4) 4M x 9	(4) 4M x 9	(4) 1M 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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