KOUWELL ELECTRONIC CORPORATION
F R - 4 8 6

Processor	80486SX/80487SX/80486DX
Processor Speed	20/25/33/50MHz
Chip Set	OPTI
Max. Onboard DRAM	64MB
Cache	64/128/256/512KB
BIOS	AMI
Dimensions	355mm x 304mm
I/O Options	None
NPU Options	4167
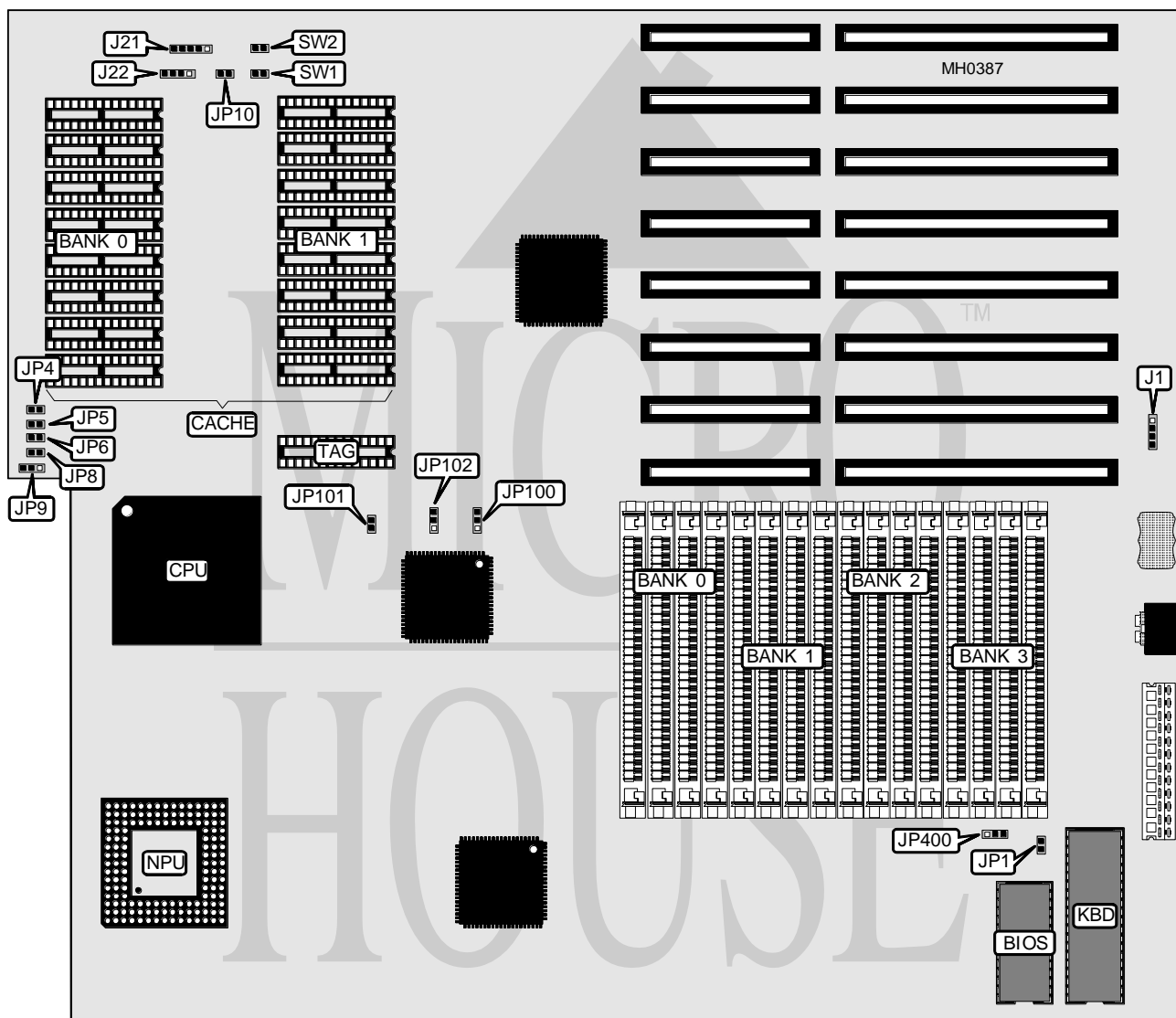
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CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J1	Turbo LED	JP10
Power LED & keylock	J21	Reset switch	SW1
Speaker	J22	Turbo switch	SW2

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select color	JP1	Open
Monitor type select monochrome	JP1	Closed
í Power good signal detect from power supply	JP400	pins 1 & 2 closed
Power good signal detect from board	JP400	pins 2 & 3 closed

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
4MB	(4) 1M x 9	NONE	NONE	NONE
5MB	(4) 256K x 9	(4) 1M x 9	NONE	NONE
6MB	(4) 256K x 9	(4) 256K x 9	(4) 1M x 9	NONE
8MB	(4) 1M x 9	(4) 1M x 9	NONE	NONE
9MB	(4) 256K x 9	(4) 1M x 9	(4) 1M x 9	NONE
10MB	(4) 256K x 9	(4) 256K x 9	(4) 1M x 9	(4) 1M x 9
12MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	NONE
13MB	(4) 256K x 9	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE	NONE	NONE
20MB	(4) 1M x 9	(4) 4M x 9	NONE	NONE
24MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	NONE
28MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9
32MB	(4) 4M x 9	(4) 4M x 9	NONE	NONE
36MB	(4) 1M x 9	(4) 4M x 9	(4) 4M x 9	NONE
40MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	(4) 4M x 9
48MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	NONE
52MB	(4) 1M x 9	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9
64MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9

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CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
64KB	(8) 8K x 8	NONE	(1) 8K x 8
128KB	(8) 8K x 8	(8) 8K x 8	(1) 8K x 8
256KB	(8) 32K x 8	NONE	(1) 32K x 8
512KB	(8) 32K x 8	(8) 32K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION					
Size	JP4	JP5	JP6	JP8	JP9
64KB	Open	Open	Open	Open	2 & 3
128KB	Open	Open	Closed	Closed	2 & 3
256KB	Open	Closed	Closed	Closed	2 & 3
512KB	Closed	Closed	Closed	Closed	1 & 2
Note: Pins designated should be in the closed position.					

CPU TYPE CONFIGURATION			
Type	JP100	JP101	JP102
80486DX	pins 1 & 2 closed	Closed	pins 2 & 3 closed
80487SX	pins 1 & 2 closed	Closed	pins 1 & 2 closed
80486SX	pins 2 & 3 closed	Open	Open