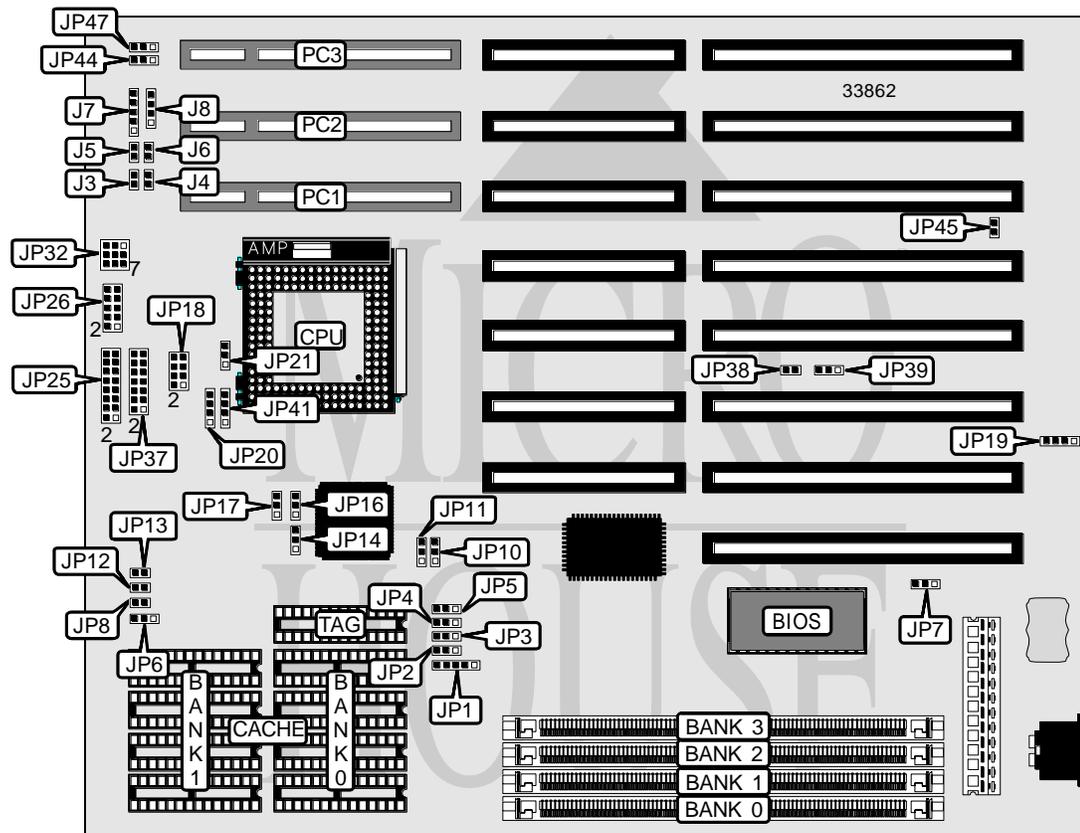


CHICONY, INC. CH-471A (VER. 3)

Processor	CX486S/80486SX/SL80486SX/80486SX2/SL80486SX2/UMCU5S/ CX486DX/AM486DX/80486DX/SL80486DX/CX486DX2/CX486DX2V/ AM486DX2/80486DX2/SL80486DX2/AM486DX4/80486DX4/P24D/ P24T/CXM9
Processor Speed	20/25/33/40/50(internal)/50/66(internal)/75(internal)/83(internal)/ 100(internal)MHz
Chip Set	SIS
Video Chip Set	None
Maximum Onboard Memory	128MB
Maximum Video Memory	None
Cache	32/64/128/256/512/1024KB
BIOS	Award
Dimensions	254mm x 218mm
I/O Options	32-bit VESA local bus slots (3), green PC connectors (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Reset switch	J3	Speaker	J8
Green PC connector	J4	External battery	JP19
Turbo switch	J5	Green PC connector	JP38
Turbo LED	J6	Green PC connector	JP39
Power LED & keylock	J7	32-bit VESA local bus slots	PC1 - PC3

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Clock down control by STOPCLK control (80486DX4)	JP6	Pins 1 & 2 closed
Clock down control by SMOU0 control (all other CPUs)	JP6	Pins 2 & 3 closed
í CMOS memory normal operation	JP7	Pins 1 & 2 closed
CMOS memory clear	JP7	Pins 2 & 3 closed
Monitor type select color	JP45	Closed
Monitor type select monochrome	JP45	Open

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	None	None	None
2MB	(1) 512K x 36	None	None	None
2MB	(1) 256K x 36	(1) 256K x 36	None	None
4MB	(1) 1M x 36	None	None	None
4MB	(1) 512K x 36	(1) 512K x 36	None	None
5MB	(1) 256K x 36	(1) 1M x 36	None	None
6MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	None
6MB	(1) 512K x 36	(1) 1M x 36	None	None
8MB	(1) 256K x 36	(1) 256K x 36	(1) 512K x 36	(1) 1M x 36
8MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	None
8MB	(1) 1M x 36	(1) 1M x 36	None	None
8MB	(1) 2M x 36	None	None	None
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
18MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36	None
12MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	None
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 2M x 36	None	None
16MB	(1) 4M x 36	None	None	None
17MB	(1) 256K x 36	(1) 4M x 36	None	None
18MB	(1) 512K x 36	(1) 4M x 36	None	None
20MB	(1) 512K x 36	(1) 512K x 36	(1) 4M x 36	None
20MB	(1) 1M x 36	(1) 4M x 36	None	None
24MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 4M x 36
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	None

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	None
32MB	(1) 4M x 36	(1) 4M x 36	None	None
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 8M x 36	None	None	None
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	None
36MB	(1) 1M x 36	(1) 8M x 36	None	None
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
40MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	None
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	None
48MB	(1) 4M x 36	(1) 8M x 36	None	None
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	None
64MB	(1) 16M x 36	None	None	None
64MB	(1) 8M x 36	(1) 8M x 36	None	None
68MB	(1) 1M x 36	(1) 16M x 36	None	None
68MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	None
72MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
72MB	(1) 1M x 36	(1) 1M x 36	(1) 16M x 36	None
80MB	(1) 4M x 36	(1) 16M x 36	None	None
80MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36	None
96MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	None
96MB	(1) 4M x 36	(1) 4M x 36	(1) 16M x 36	None
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
128MB	(1) 16M x 36	(1) 16M x 36	None	None

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
32KB	(4) 8K x 8	None	(1) 8K x 8
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
128KB	(4) 32K x 8	None	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 16K x 8
512KB	(4) 128K x 8	None	(1) 32K x 8
1MB	(4) 128K x 8	(4) 128K x 8	(1) 64K x 8

CACHE JUMPER CONFIGURATION							
Size	JP1	JP2	JP3	JP4	JP5	JP14	JP16
32KB	1 & 2, 3 & 4	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
64KB	2 & 3, 4 & 5	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2
128KB	1 & 2, 3 & 4	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3
256KB	2 & 3, 4 & 5	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
512KB	1 & 2, 3 & 4	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
1MB	2 & 3, 4 & 5	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION				
Speed	JP8	JP12	JP13	JP17
20MHz	Open	Open	Open	Pins 1 & 2 closed
25MHz	Open	Open	Closed	Pins 1 & 2 closed
33MHz	Closed	Closed	Closed	Pins 1 & 2 closed
40MHz	Open	Closed	Closed	Pins 1 & 2 closed
50iMHz	Open	Open	Closed	Pins 1 & 2 closed
50MHz	Closed	Open	Open	Pins 2 & 3 closed
66iMHz	Closed	Closed	Closed	Pins 1 & 2 closed
75iMHz	Open	Open	Closed	Pins 1 & 2 closed
83iMHz	Closed	Closed	Closed	Pins 1 & 2 closed
100iMHz	Closed	Closed	Closed	Pins 1 & 2 closed

CPU TYPE SELECTION			
Type	JP10	JP11	JP18
CX486S	2 & 3	1 & 2	Open
80486SX	1 & 2	2 & 3	Open
SL80486SX	1 & 2	2 & 3	Open
80486SX2	1 & 2	2 & 3	Open
SL80486SX2	1 & 2	2 & 3	Open
UMC U5S	2 & 3	1 & 2	1 & 2, 3 & 4, 5 & 6
CX486DX	2 & 3	1 & 2	Open
AM486DX	1 & 2	2 & 3	Open
80486DX	1 & 2	2 & 3	Open
SL80486DX	1 & 2	2 & 3	Open
CX486DX2	2 & 3	1 & 2	Open
CX486DX2-V	2 & 3	1 & 2	Open
AM486DX2	1 & 2	2 & 3	Open
80486DX2	1 & 2	2 & 3	Open
SL80486DX2	1 & 2	2 & 3	Open
AM486DX4	1 & 2	2 & 3	Open
80486DX4	1 & 2	2 & 3	Open
P24D	1 & 2	1 & 2	Open
P24T	1 & 2	1 & 2	Open
CX M9	2 & 3	1 & 2	Open

Note: Pins designated should be in the closed position.

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CPU TYPE SELECTION (CON'T)		
Type	JP20	JP25
CX486S	Open	Open
80486SX	Open	Open
SL80486SX	Open	1 & 2, 3 & 4, 9 & 10, 11 & 12
80486SX2	Open	Open
SL80486SX2	Open	1 & 2, 3 & 4, 9 & 10, 11 & 12
UMC U5S	Open	Open
CX486DX	1 & 2	Open
AM486DX	1 & 2	Open
80486DX	1 & 2	Open
SL80486DX	1 & 2	1 & 2, 3 & 4, 9 & 10, 11 & 12
CX486DX2	1 & 2	Open
CX486DX2-V	1 & 2	Open
AM486DX2	1 & 2	Open
80486DX2	1 & 2	Open
SL80486DX2	1 & 2	1 & 2, 3 & 4, 9 & 10, 11 & 12
AM486DX4	1 & 2	Open
80486DX4	1 & 2	1 & 2, 3 & 4, 9 & 10, 11 & 12
P24D	1 & 2	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12, 13 & 14, 15 & 16
P24T	1 & 2	1 & 2, 3 & 4, 9 & 10
CX M9	1 & 2	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12, 15 & 16

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION (CON'T)		
Type	JP37	JP41
CX486S	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10 11 & 12	2 & 3
80486SX	Open	2 & 3
SL80486SX	Open	2 & 3
80486SX2	Open	2 & 3
SL80486SX2	Open	2 & 3
UMC U5S	Open	2 & 3
CX486DX	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12	1 & 2, 3 & 4
AM486DX	Open	1 & 2, 3 & 4
80486DX	Open	1 & 2, 3 & 4
SL80486DX	Open	1 & 2, 3 & 4
CX486DX2	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12	1 & 2, 3 & 4
CX486DX2-V	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12	1 & 2, 3 & 4
AM486DX2	Open	1 & 2, 3 & 4
80486DX2	Open	1 & 2, 3 & 4
SL80486DX2	Open	1 & 2, 3 & 4

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CPU TYPE SELECTION (CON'T)		
Type	JP37	JP41
AM486DX4	Open	1 & 2, 3 & 4
80486DX4	Open	1 & 2, 3 & 4
P24D	Open	1 & 2, 3 & 4
P24T	Open	1 & 2, 3 & 4
CX M9	5 & 6	1 & 2, 3 & 4

Note: Pins designated should be in the closed position.

CPU MULTIPLIER SELECTION (DX4 & CX M9 ONLY)	
Multiplier	JP21
2x	Pins 2 & 3 closed
2.5x	Pins 1 & 2 closed
3x	Open

CPU VOLTAGE SELECTION		
Voltage	JP26	JP32
3.15v	Pins 1 & 2 closed	Pins 1 & 2, 4 & 5, 7 & 8 closed
3.3v	Pins 3 & 4 closed	Pins 1 & 2, 4 & 5, 7 & 8 closed
3.45v	Pins 5 & 6 closed	Pins 1 & 2, 4 & 5, 7 & 8 closed
3.6v	Pins 7 & 8 closed	Pins 1 & 2, 4 & 5, 7 & 8 closed
4v	Pins 9 & 10 closed	Pins 1 & 2, 4 & 5, 7 & 8 closed
5v	N/A	Pins 2 & 3, 5 & 6, 8 & 9 closed

VL BUS WAIT STATE SELECTION	
Setting	JP44
0	Pins 1 & 2 closed
1	Pins 2 & 3 closed

VL BUS SPEED SELECTION	
Speed	JP47
<= 33MHz	Pins 1 & 2 closed
>33 MHz	Pins 2 & 3 closed