EFA CORPORATION
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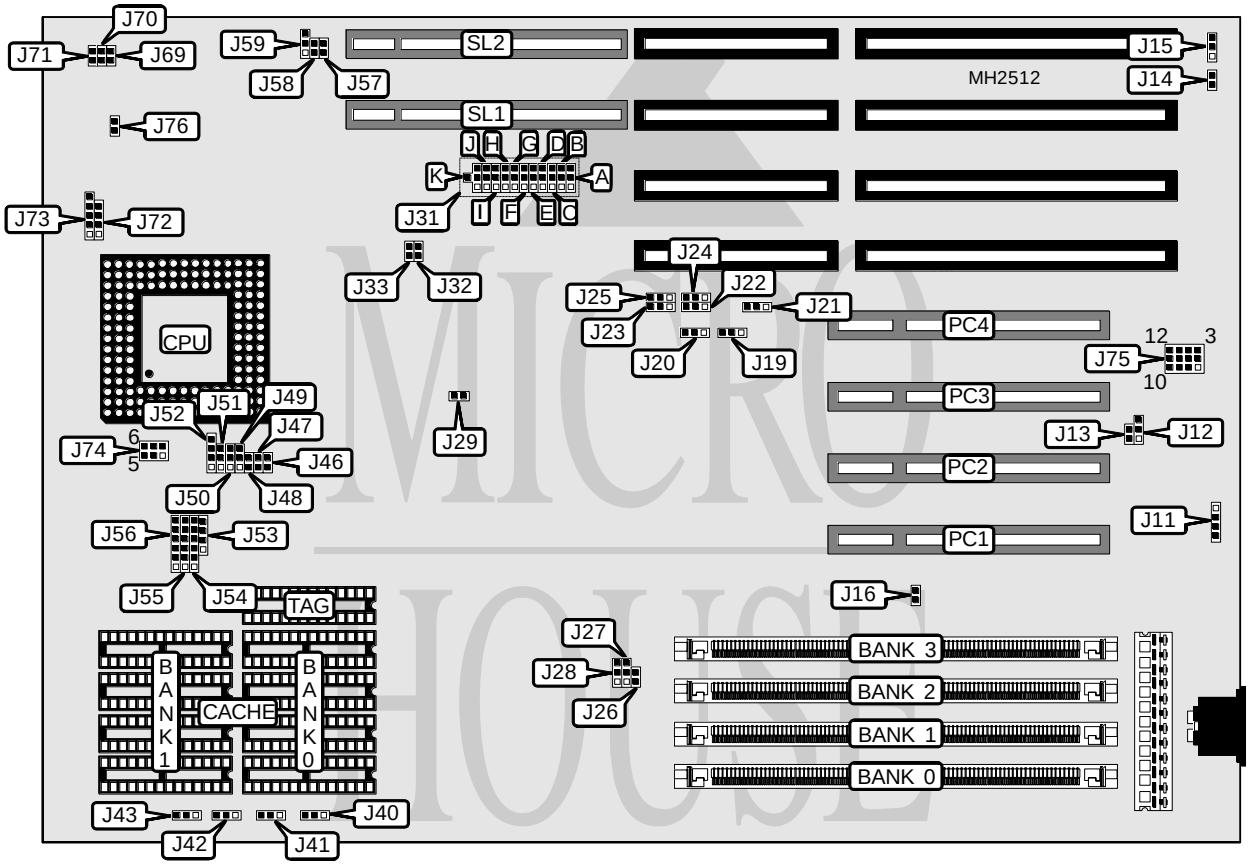
Processor	CX486S/AM486SX/SL80486SX/80486SX/CX486S2/AM486DX/CX486DX/ SL80486DX/80486DX/CX486DX2/AM486DX2/SL80486DX2/80486DX2/ 80486DX4/P24D/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
Chip Set	Contaq
Max. Onboard DRAM	64MB
Cache	128/256/512/1024KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slots (2), 32-bit PCI slots (4), green PC connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J11	Turbo switch	J71
Green PC connector	J13	Speaker	J72
Green PC LED	J33	Power LED & keylock	J73
Reset switch	J69	32-bit PCI slots	PC1 - PC4
Turbo LED	J70	32-bit VESA local bus slots	SL1 & SL2

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CMOS memory normal operation	J12	pins 1 & 2 closed
CMOS memory clear	J12	pins 2 & 3 closed
í Monitor type select color	J14	Closed
Monitor type select monochrome	J14	Open
í Factory configured - do not alter	J15	pins 1 & 2 closed
í Factory configured - do not alter	J19	pins 2 & 3 closed
í Factory configured - do not alter	J20	pins 1 & 2 closed
í Factory configured - do not alter	J22	pins 2 & 3 closed
í Factory configured - do not alter	J23	pins 1 & 2 closed
í Factory configured - do not alter	J25	pins 1 & 2 closed
í Factory configured - do not alter	J32	Open
í CPU speed select normal speed	J76	Open
CPU speed select slow speed	J76	Closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	NONE	NONE	NONE
2MB	(1) 256K x 36	(1) 256K x 36	NONE	NONE
2MB	(1) 512K x 36	NONE	NONE	NONE
4MB	(1) 256K x 36	(1) 256K x 36	(1) 512K x 36	NONE
4MB	(1) 512K x 36	NONE	(1) 512K x 36	NONE
4MB	(1) 1M x 36	NONE	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	NONE	(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
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
12MB	(1) 1M x 36	NONE	(1) 2M x 36	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 2M 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	NONE	(1) 2M x 36	NONE
16MB	(1) 4M x 36	NONE	NONE	NONE
17MB	(1) 256K x 36	(1) 4M x 36	NONE	NONE
18MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36	NONE
18MB	(1) 512K x 36	NONE	(1) 4M x 36	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
24MB	(1) 2M x 36	NONE	(1) 4M x 36	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
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	NONE	(1) 8M x 36	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
40MB	(1) 2M x 36	NONE	(1) 8M x 36	NONE
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
48MB	(1) 4M x 36	NONE	(1) 8M x 36	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 16M x 36	NONE	NONE	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	NONE
64MB	(1) 8M x 36	NONE	(1) 8M x 36	NONE

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

CACHE JUMPER CONFIGURATION				
Size	J40	J41	J42	J43
128KB	pins 1 & 2 closed	Open	pins 2 & 3 closed	pins 1 & 2 closed
256KB	pins 2 & 3 closed	Open	pins 1 & 2 closed	pins 1 & 2 closed
512KB	pins 2 & 3 closed	Open	pins 2 & 3 closed	pins 2 & 3 closed
1MB	pins 2 & 3 closed	pins 2 & 3 closed	Open	pins 2 & 3 closed

CPU TYPE CONFIGURATION						
Type	J21	J47	J48	J49	J50	J51
CX486S	2 & 3	1 & 2	1 & 2	2 & 3	Open	1 & 2
AM486SX	1 & 2	Open	Open	1 & 2	Open	Open
SL80486SX	1 & 2	Open	Open	2 & 3	Open	Open
80486SX	1 & 2	Open	Open	1 & 2	Open	Open
CX486S2	2 & 3	1 & 2	1 & 2	2 & 3	Open	1 & 2
AM486DX	1 & 2	Open	Open	1 & 2	2 & 3	Open
CX486DX	2 & 3	Open	1 & 2	2 & 3	2 & 3	1 & 2
SL80486DX	1 & 2	Open	Open	2 & 3	2 & 3	Open
80486DX	1 & 2	Open	Open	1 & 2	2 & 3	Open
CX486DX2	2 & 3	Open	1 & 2	2 & 3	2 & 3	1 & 2
AM486DX2	1 & 2	Open	Open	1 & 2	2 & 3	Open
SL80486DX2	1 & 2	Open	Open	2 & 3	2 & 3	Open
80486DX2	1 & 2	Open	Open	1 & 2	2 & 3	Open
80486DX4 (2x)	1 & 2	Open	Open	2 & 3	2 & 3	Open
80486DX4 (2.5x)	1 & 2	Open	Open	2 & 3	2 & 3	Open
80486DX4 (3x)	1 & 2	Open	Open	2 & 3	2 & 3	Open
P24D (WT)	1 & 2	Open	Open	2 & 3	2 & 3	2 & 3
P24D (WB)	1 & 2	Open	Open	2 & 3	2 & 3	2 & 3
P24T (WT)	1 & 2	Open	Open	2 & 3	1 & 2	1 & 2
P24T (WB)	1 & 2	Open	Open	2 & 3	1 & 2	1 & 2
Note: Pins desingated should be in the closed position.						

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CPU TYPE CONFIGURATION (CON'T)					
Type	J52	J53	J54	J55	J56
CX486S	2 & 3	2 & 3	4 & 5	5 & 6	5 & 6
AM486SX	2 & 3	Open	Open	Open	Open
SL80486SX	2 & 3	1 & 2	3 & 4, 5 & 6	Open	Open
80486SX	2 & 3	Open	Open	Open	Open
CX486S2	2 & 3	2 & 3	4 & 5	5 & 6	5 & 6
AM486DX	1 & 2, 3 & 4	Open	Open	Open	Open
CX486DX	1 & 2, 3 & 4	2 & 3	4 & 5	5 & 6	5 & 6
SL80486DX	1 & 2, 3 & 4	1 & 2	3 & 4, 5 & 6	Open	Open
80486DX	1 & 2, 3 & 4	Open	Open	Open	Open
CX486DX2	1 & 2, 3 & 4	2 & 3	4 & 5	5 & 6	5 & 6
AM486DX2	1 & 2, 3 & 4	Open	Open	Open	Open
SL80486DX2	1 & 2, 3 & 4	1 & 2	3 & 4, 5 & 6	Open	Open
80486DX2	1 & 2, 3 & 4	Open	Open	Open	Open
80486DX4 (2x)	1 & 2, 3 & 4	1 & 2	3 & 4, 5 & 6	Open	2 & 3
80486DX4 (2.5x)	1 & 2, 3 & 4	1 & 2	3 & 4, 5 & 6	Open	4 & 5
80486DX4 (3x)	1 & 2, 3 & 4	1 & 2	3 & 4, 5 & 6	Open	1 & 2
P24D (WT)	1 & 2, 3 & 4	1 & 2, 3 & 4	3 & 4, 5 & 6	1 & 2, 4 & 5	Open
P24D (WB)	1 & 2, 3 & 4	1 & 2, 3 & 4	3 & 4, 5 & 6	2 & 3, 4 & 5	Open
P24T (WT)	1 & 2, 3 & 4	1 & 2	3 & 4, 5 & 6	1 & 2	Open
P24T (WB)	1 & 2, 3 & 4	1 & 2	3 & 4, 5 & 6	3 & 4	Open
Note: Pins desingated should be in the closed position.					

CPU SPEED CONFIGURATION					
Speed	J16	J24	J26	J27	J28
25MHz	Closed	2 & 3	Closed	1 & 2	2 & 3
33MHz	Open	2 & 3	Closed	2 & 3	1 & 2
40MHz[1]	Open	2 & 3	Open	1 & 2	2 & 3
40MHz[2]	Open	1 & 2	Open	1 & 2	2 & 3
40MHz[3]	Open	1 & 2	Open	1 & 2	2 & 3
50iMHz	1 & 2	2 & 3	Closed	1 & 2	2 & 3
50MHz[4]	Open	1 & 2	Open	2 & 3	1 & 2
50MHz[5]	Open	1 & 2	Open	2 & 3	1 & 2
66iMHz	Open	2 & 3	Closed	2 & 3	1 & 2
75iMHz	Closed	2 & 3	Closed	1 & 2	2 & 3
100iMHz	Open	2 & 3	Closed	2 & 3	1 & 2
Note: [1] = PCI 40MHz. [2] = PCI 33MHz & OCS2 =>33MHz. [3] = PCI 20MHz & OSC2 =>empty. [4] = PCI 33MHz & OCS2 =>33mhz. [5] = PCI 25MHz & OSC2 =>empty. Pins designated should be in the closed postion.					

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CPU SPEED CONFIGURATION (CON'T)					
Speed	J29	J46	J57	J58	J59
25MHz	Open	Open	Open	Open	pins 2 & 3 closed
33MHz	Open	Open	Open	Open	pins 2 & 3 closed
40MHz[1]	Open	Open	Closed	Closed	pins 2 & 3 closed
40MHz[2]	Open	Closed	Closed	Closed	pins 2 & 3 closed
40MHz[3]	Closed	Closed	Closed	Closed	pins 2 & 3 closed
50iMHz	Open	Open	Open	Open	pins 2 & 3 closed
50MHz[4]	Open	Closed	Closed	Closed	pins 2 & 3 closed
50MHz[5]	Closed	Closed	Closed	Closed	pins 2 & 3 closed
66iMHz	Open	Open	Open	Open	pins 2 & 3 closed
75iMHz	Open	Open	Open	Open	pins 2 & 3 closed
100iMHz	Open	Open	Open	Open	pins 2 & 3 closed
Note: [1] = PCI 40MHz. [2] = PCI 33MHz & OCS2 =>33MHz. [3] = PCI 20MHz & OSC2 =>empty. [4] = PCI 33MHz & OCS2 =>33mhz. [5] = PCI 25MHz & OSC2 =>empty.					

CPU VOLTAGE CONFIGURATION	
Voltage	J74
3.3v (80486DX4 only)	pins 3 & 5, 4 & 6 closed
5.0v	pins 1 & 3, 2 & 4 closed

PCI COMPLIANCE CONFIGURATION	
Slot	J75
PC1 (PCI compliant)	pins 10 & 11 closed
PC1 (Non PCI compliant)	pins 11 & 12 closed
PC2 PCI compliant)	pins 7 & 8 closed
PC2 (Non PCI compliant)	pins 8 & 9 closed
PC3 (PCI compliant)	pins 4 & 5 closed
PC3 (Non PCI compliant)	pins 5 & 6 closed
PC4 (PCI compliant)	pins 1 & 2 closed
PC4 (Non PCI compliant)	pins 2 & 3 closed

PCI IRQ CONFIGURATION (IRQ3)	
IRQ	J31A
PCI compliant	pins 1 & 2 closed
Non PCI compliant	pins 2 & 3 closed

PCI IRQ CONFIGURATION (IRQ4)	
IRQ	J31B
PCI compliant	pins 1 & 2 closed
Non PCI compliant	pins 2 & 3 closed

PCI IRQ CONFIGURATION (IRQ5)	
IRQ	J31C
PCI compliant	pins 1 & 2 closed
Non PCI compliant	pins 2 & 3 closed

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PCI IRQ CONFIGURATION (IRQ6)	
IRQ	J31J
PCI compliant	pins 1 & 2 closed
Non PCI compliant	pins 2 & 3 closed

PCI IRQ CONFIGURATION (IRQ7)	
IRQ	J31D
PCI compliant	pins 1 & 2 closed
Non PCI compliant	pins 2 & 3 closed

PCI IRQ CONFIGURATION (IRQ9)	
IRQ	J31I
PCI compliant	pins 1 & 2 closed
Non PCI compliant	pins 2 & 3 closed

PCI IRQ CONFIGURATION (IRQ10)	
IRQ	J31E
PCI compliant	pins 1 & 2 closed
Non PCI compliant	pins 2 & 3 closed

PCI IRQ CONFIGURATION (IRQ11)	
IRQ	J31F
PCI compliant	pins 1 & 2 closed
Non PCI compliant	pins 2 & 3 closed

PCI IRQ CONFIGURATION (IRQ12)	
IRQ	J31G
PCI compliant	pins 1 & 2 closed
Non PCI compliant	pins 2 & 3 closed

PCI IRQ CONFIGURATION (IRQ14)	
IRQ	J31K
PCI compliant	pins 1 & 2 closed
Non PCI compliant	pins 2 & 3 closed
PCI slot 1 (IDE)	pins 2 & 4 closed

PCI IRQ CONFIGURATION (IRQ15)	
IRQ	J31H
PCI compliant	pins 1 & 2 closed
Non PCI compliant	pins 2 & 3 closed