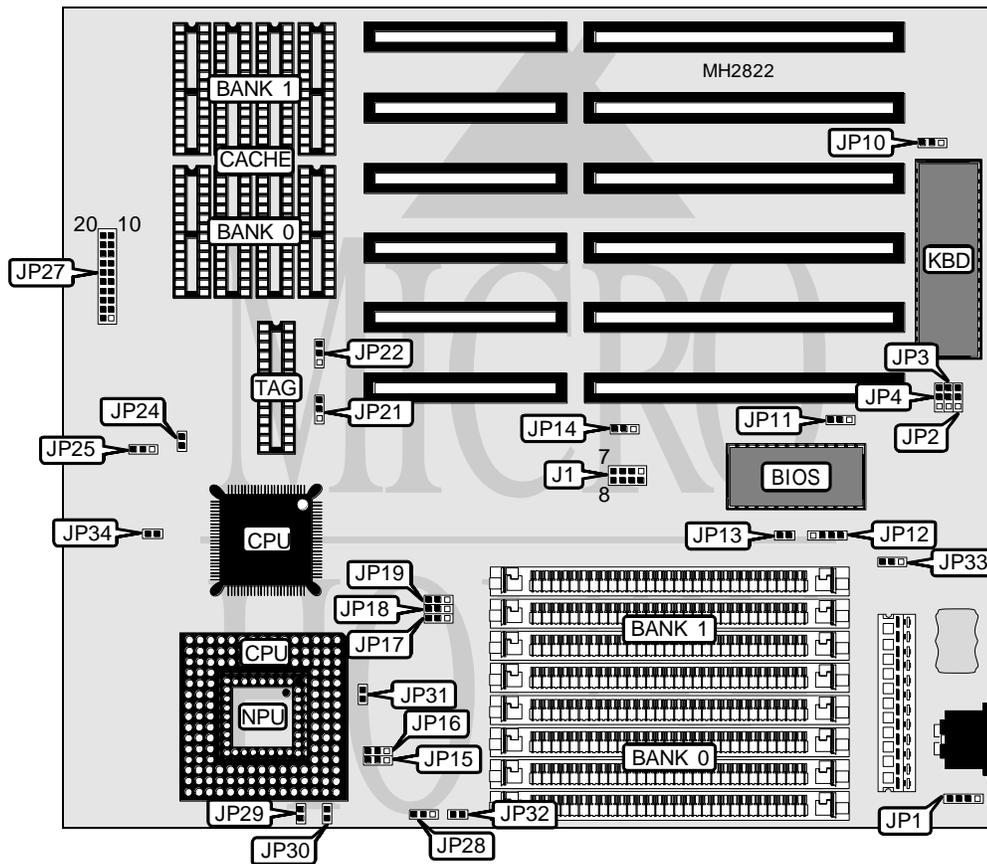


# MECER CORPORATION B 8 1 5 B ( V E R . B )

<b>Processor</b>	80386DX/CX486DLC/CX486M6/80486SX/80486DX/80486DX2
<b>Processor Speed</b>	25/33/40/50(internal)/50/66(internal)MHz
<b>Chip Set</b>	Unidentified
<b>Max. Onboard DRAM</b>	128MB
<b>Cache</b>	128/256KB
<b>BIOS</b>	AMI
<b>Dimensions</b>	254mm x 218mm
<b>I/O Options</b>	None
<b>NPU Options</b>	80387DX



CONNECTIONS			
Purpose	Location	Purpose	Location
Auxiliary keyboard connector	JP1	Turbo LED	JP27 pins 11 - 12
External battery	JP12	Turbo switch	JP27 pins 16 - 17
Power LED & keylock	JP27 pins 1 - 5	Reset switch	JP27 pins 19 - 20
Speaker	JP27 pins 7 - 10		

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# MECER CORPORATION

## B815B (VER. B)

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select monochrome	JP10	pins 1 & 2 closed
Monitor type select color	JP10	pins 2 & 3 closed
í Battery enabled	JP13	Closed
Battery disabled	JP13	Open
í Factory configured - do not alter	JP17	N/A
í Factory configured - do not alter	JP18	N/A
í Factory configured - do not alter	JP21	N/A
í Factory configured - do not alter	JP22	N/A
í Factory configured - do not alter	JP28	pins 1 & 2 closed
í Factory configured - do not alter	JP33	pins 2 & 3 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(4) 256K x 9	NONE
2MB	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE
5MB	(4) 256K x 9	(4) 1M x 9
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
17MB	(4) 256K x 9	(4) 4M x 9
20MB	(4) 1M x 9	(4) 4M x 9
32MB	(4) 4M x 9	(4) 4M x 9
64MB	(4) 16M x 9	NONE
65MB	(4) 256K x 9	(4) 16M x 9
68MB	(4) 1M x 9	(4) 16M x 9
80MB	(4) 4M x 9	(4) 16M x 9
128MB	(4) 16M x 9	(4) 16M x 9

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

CACHE JUMPER CONFIGURATION		
Size	JP24	JP25
128KB	Open	pins 2 & 3 closed
256KB	Closed	pins 1 & 2 closed

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# MECER CORPORATION

## B 8 1 5 B ( V E R . B )

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CPU TYPE CONFIGURATION				
Type	J1	JP2	JP3	JP4
80386DX-40 (80MHz)	6 & 8	2 & 3	1 & 2	2 & 3
CX486DLC-40 (80MHz)	6 & 8	2 & 3	2 & 3	2 & 3
CX486M6-33 (33MHz)	5 & 7	2 & 3	2 & 3	1 & 2
CX486M6-33 (66MHz)	1 & 2	2 & 3	2 & 3	1 & 2
CX486M6-40 (40MHz)	1 & 2, 3 & 4	2 & 3	2 & 3	1 & 2
CX486M6-33 (33MHz) C6	5 & 7	2 & 3	2 & 3	1 & 2
CX486M6-33 (66MHz) C6	1 & 2	2 & 3	2 & 3	1 & 2
CX486M6-40 (40MHz) C6	1 & 2, 3 & 4	2 & 3	2 & 3	1 & 2
80486SX-25 (25MHz)	3 & 4, 5 & 7	1 & 2	2 & 3	2 & 3
80486SX-25 (50MHz)	3 & 4	1 & 2	2 & 3	2 & 3
80486SX-33 (33MHz)	5 & 7	1 & 2	2 & 3	2 & 3
80486SX-33 (66MHz)	1 & 2	1 & 2	2 & 3	2 & 3
80486DX-33 (33MHz)	5 & 7	1 & 2	2 & 3	2 & 3
80486DX-33 (66MHz)	1 & 2	1 & 2	2 & 3	2 & 3
80486DX-40 (40MHz)	1 & 2, 3 & 4	1 & 2	2 & 3	2 & 3
80486DX-50 (50MHz)	3 & 4	1 & 2	2 & 3	2 & 3
80486DX2-50 (25MHz)	3 & 4	1 & 2	2 & 3	2 & 3
80486DX2-50 (50MHz)	3 & 4, 5 & 7	1 & 2	2 & 3	2 & 3
80486DX2-66 (33MHz)	5 & 7	1 & 2	2 & 3	2 & 3
80486DX2-66 (66MHz)	1 & 2	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION (CON'T)					
Type	JP11	JP14	JP15	JP16	JP19
80386DX-40 (80MHz)	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
CX486DLC-40 (80MHz)	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
CX486M6-33 (33MHz)	2 & 3	2 & 3	Open	1 & 2	1 & 2
CX486M6-33 (66MHz)	1 & 2	2 & 3	Open	1 & 2	2 & 3
CX486M6-40 (40MHz)	2 & 3	2 & 3	Open	1 & 2	1 & 2
CX486M6-33 (33MHz) C6	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
CX486M6-33 (66MHz) C6	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
CX486M6-40 (40MHz) C6	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
80486SX-25 (25MHz)	2 & 3	2 & 3	Open	1 & 2	1 & 2
80486SX-25 (50MHz)	1 & 2	2 & 3	Open	1 & 2	2 & 3
80486SX-33 (33MHz)	2 & 3	2 & 3	Open	1 & 2	1 & 2
80486SX-33 (66MHz)	1 & 2	2 & 3	Open	1 & 2	2 & 3
80486DX-33 (33MHz)	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
80486DX-33 (66MHz)	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
80486DX-40 (40MHz)	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
80486DX-50 (50MHz)	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
80486DX2-50 (25MHz)	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
80486DX2-50 (50MHz)	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
80486DX2-66 (33MHz)	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
80486DX2-66 (66MHz)	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.



# MECER CORPORATION

## B 8 1 5 B ( V E R . B )

... continued from previous page

CPU TYPE CONFIGURATION (CON'T)					
Type	JP29	JP30	JP31	JP32	JP34
80386DX-40 (80MHz)	Open	Open	Closed	Closed	Open
CX486DLC-40 (80MHz)	Open	Open	Closed	Closed	Closed
CX486M6-33 (33MHz)	Closed	Closed	Open	Open	Open
CX486M6-33 (66MHz)	Closed	Closed	Open	Open	Open
CX486M6-40 (40MHz)	Closed	Closed	Open	Open	Open
CX486M6-33 (33MHz) C6	Open	Open	Closed	Closed	Open
CX486M6-33 (66MHz) C6	Open	Open	Closed	Closed	Open
CX486M6-40 (40MHz) C6	Open	Open	Closed	Closed	Open
80486SX-25 (25MHz)	Open	Open	Closed	Closed	Open
80486SX-25 (50MHz)	Open	Open	Closed	Closed	Open
80486SX-33 (33MHz)	Open	Open	Closed	Closed	Open
80486SX-33 (66MHz)	Open	Open	Closed	Closed	Open
80486DX-33 (33MHz)	Open	Open	Closed	Closed	Open
80486DX-33 (66MHz)	Open	Open	Closed	Closed	Open
80486DX-40 (40MHz)	Open	Open	Closed	Closed	Open
80486DX-50 (50MHz)	Open	Open	Closed	Closed	Open
80486DX2-50 (25MHz)	Open	Open	Closed	Closed	Open
80486DX2-50 (50MHz)	Open	Open	Closed	Closed	Open
80486DX2-66 (33MHz)	Open	Open	Closed	Closed	Open
80486DX2-66 (66MHz)	Open	Open	Closed	Closed	Open