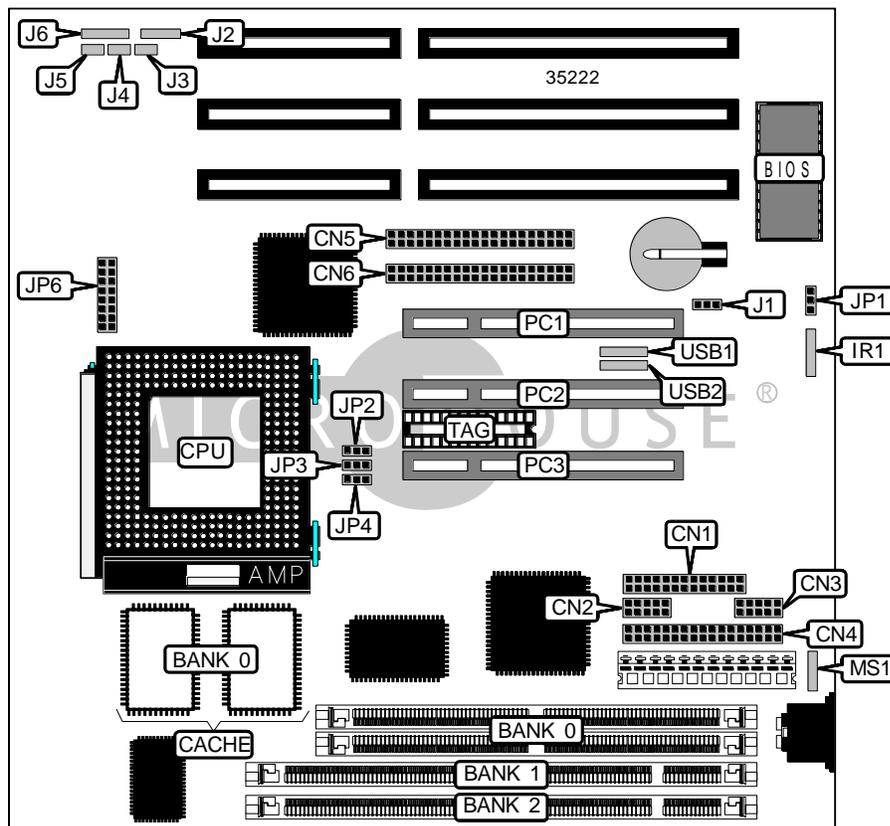


# EDOM INTERNATIONAL CORPORATION

## MP082

<b>Device Type</b>	Mainboard
<b>Processor</b>	CX 6X86/IBM 6X86/CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/ AM K5/AM K6/Pentium/Pentium MMX
<b>Processor Speed</b>	75/90/100/120/133/150/166/180/200/233/266MHz
<b>Chip Set</b>	Intel
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	128MB (EDO & SDRAM supported)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	256/512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	254mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connectors (2)
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Parallel port	CN1	Reset switch	J3
Serial port 1	CN2	IDE interface LED	J4
Serial port 2	CN3	Power LED & keylock	J5
Floppy drive interface	CN4	Green PC connector	J6
IDE interface 2	CN5	PS/2 mouse interface	MS1
IDE interface 1	CN6	32-bit PCI slots	PC1 – PC3
IR connector	IR1	USB connector 1	USB1
Speaker	J2	USB connector 2	USB2

USER CONFIGURABLE SETTINGS		
Function	Label	Position
<sup>1</sup> CMOS memory normal operation	J1	Pins 1 & 2 closed
CMOS memory clear	J1	Pins 2 & 3 closed
Flash BIOS voltage select 12v	JP1	Pins 1 & 2 closed
Flash BIOS voltage select 5v	JP1	Pins 2 & 3 closed

SIMM CONFIGURATION	
Size	Bank 0
8MB	(2) 1M x 36
16MB	(2) 2M x 36
32MB	(2) 4M x 36
64MB	(2) 8M x 36
128MB	(2) 16M x 36

Note: Board accepts EDO memory.

DIMM CONFIGURATION		
Size	Bank 1	Bank 2
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64

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DIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION		
Size	Bank 0	TAG
256KB	(2) 32K x 32	(1) 32K x 8
512KB	(2) 64K x 32	(1) 32K x 8

CACHE CONFIGURATION	
Size	Bank 0
256KB	(2) 32K x 32
512KB	(2) 64K x 32

CPU SPEED SELECTION (CX 6X86)					
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4
120MHz	50MHz	2x	1 & 2	1 & 2	1 & 2
133MHz	55MHz	2x	1 & 2	2 & 3	1 & 2
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86, CON'T)					
CPU speed	Clock speed	Multiplier	JP6/pins 1 & 2	JP6/pins 3 & 4	JP6/pins 5 & 6
120MHz	50MHz	2x	Closed	Open	Open
133MHz	55MHz	2x	Closed	Open	Open
150MHz	60MHz	2x	Closed	Open	Open
166MHz	66MHz	2x	Closed	Open	Open
200MHz	75MHz	2x	Closed	Open	Open

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CPU SPEED SELECTION (IBM 6X86)					
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4
120MHz	50MHz	2x	1 & 2	1 & 2	1 & 2
133MHz	55MHz	2x	1 & 2	2 & 3	1 & 2
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86, CON'T)					
CPU speed	Clock speed	Multiplier	JP6/pins 1 & 2	JP6/pins 3 & 4	JP6/pins 5 & 6
120MHz	50MHz	2x	Closed	Open	Open
133MHz	55MHz	2x	Closed	Open	Open
150MHz	60MHz	2x	Closed	Open	Open
166MHz	66MHz	2x	Closed	Open	Open
200MHz	75MHz	2x	Closed	Open	Open

CPU SPEED SELECTION (CX 6X86L)					
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4
120MHz	50MHz	2x	1 & 2	1 & 2	1 & 2
133MHz	55MHz	2x	1 & 2	2 & 3	1 & 2
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86L, CON'T)					
CPU speed	Clock speed	Multiplier	JP6/pins 1 & 2	JP6/pins 3 & 4	JP6/pins 5 & 6
120MHz	50MHz	2x	Closed	Open	Open
133MHz	55MHz	2x	Closed	Open	Open
150MHz	60MHz	2x	Closed	Open	Open
166MHz	66MHz	2x	Closed	Open	Open
200MHz	75MHz	2x	Closed	Open	Open

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CPU SPEED SELECTION (IBM 6X86L)					
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4
120MHz	50MHz	2x	1 & 2	1 & 2	1 & 2
133MHz	55MHz	2x	1 & 2	2 & 3	1 & 2
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86L, CON'T)					
CPU speed	Clock speed	Multiplier	JP6/pins 1 & 2	JP6/pins 3 & 4	JP6/pins 5 & 6
120MHz	50MHz	2x	Closed	Open	Open
133MHz	55MHz	2x	Closed	Open	Open
150MHz	60MHz	2x	Closed	Open	Open
166MHz	66MHz	2x	Closed	Open	Open
200MHz	75MHz	2x	Closed	Open	Open

CPU SPEED SELECTION (CX 6X86MX)					
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4
166MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2
200MHz	66MHz	2.5x	1 & 2	1 & 2	2 & 3
233MHz	75MHz	2.5x	2 & 3	2 & 3	1 & 2
233MHz	66MHz	3x	1 & 2	1 & 2	2 & 3
266MHz	75MHz	3x	2 & 3	2 & 3	1 & 2
266MHz	66MHz	3.5x	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX, CON'T)					
CPU speed	Clock speed	Multiplier	JP6/pins 1 & 2	JP6/pins 3 & 4	JP6/pins 5 & 6
166MHz	60MHz	2.5x	Closed	Closed	Open
200MHz	66MHz	2.5x	Closed	Closed	Open
233MHz	75MHz	2.5x	Closed	Closed	Open
233MHz	66MHz	3x	Open	Closed	Open
266MHz	75MHz	3x	Open	Closed	Open
266MHz	66MHz	3.5x	Open	Open	Open

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CPU SPEED SELECTION (IBM 6X86MX)					
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4
166MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2
200MHz	66MHz	2.5x	1 & 2	1 & 2	2 & 3
233MHz	75MHz	2.5x	2 & 3	2 & 3	1 & 2
233MHz	66MHz	3x	1 & 2	1 & 2	2 & 3
266MHz	75MHz	3x	2 & 3	2 & 3	1 & 2
266MHz	66MHz	3.5x	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86MX, CON'T)					
CPU speed	Clock speed	Multiplier	JP6/pins 1 & 2	JP6/pins 3 & 4	JP6/pins 5 & 6
166MHz	60MHz	2.5x	Closed	Closed	Open
200MHz	66MHz	2.5x	Closed	Closed	Open
233MHz	75MHz	2.5x	Closed	Closed	Open
233MHz	66MHz	3x	Open	Closed	Open
266MHz	75MHz	3x	Open	Closed	Open
266MHz	66MHz	3.5x	Open	Open	Open

CPU SPEED SELECTION (AM K5)					
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4
75MHz	50MHz	1.5x	1 & 2	1 & 2	1 & 2
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	2 & 3
120MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2
133MHz	66MHz	1.5x	1 & 2	1 & 2	2 & 3
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5, CON'T)					
CPU speed	Clock speed	Multiplier	JP6/pins 1 & 2	JP6/pins 3 & 4	JP6/pins 5 & 6
75MHz	50MHz	1.5x	Open	Open	Open
90MHz	60MHz	1.5x	Open	Open	Open
100MHz	66MHz	1.5x	Open	Open	Open
120MHz	60MHz	1.5x	Open	Open	Open
133MHz	66MHz	1.5x	Open	Open	Open
150MHz	60MHz	2x	Closed	Open	Open
166MHz	66MHz	2x	Closed	Open	Open
200MHz	66MHz	3x	Open	Closed	Open

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CPU SPEED SELECTION (AM K6)					
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4
166MHz	66MHz	2.5x	1 & 2	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	1 & 2	2 & 3
233MHz	66MHz	3.5x	1 & 2	1 & 2	2 & 3
266MHz	66MHz	4x	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6, CON'T)					
CPU speed	Clock speed	Multiplier	JP6/pins 1 & 2	JP6/pins 3 & 4	JP6/pins 5 & 6
166MHz	66MHz	2.5x	Closed	Open	Open
200MHz	66MHz	3x	Open	Closed	Open
233MHz	66MHz	3.5x	Open	Open	Open
266MHz	66MHz	4x	Closed	Open	Closed

CPU SPEED SELECTION (INTEL)					
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4
75MHz	50MHz	1.5x	1 & 2	1 & 2	1 & 2
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	2 & 3
120MHz	60MHz	2x	2 & 3	1 & 2	1 & 2
133MHz	66MHz	2x	1 & 2	1 & 2	2 & 3
150MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2.5x	1 & 2	1 & 2	2 & 3
180MHz	60MHz	3x	2 & 3	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL, CON'T)					
CPU speed	Clock speed	Multiplier	JP6/pins 1 & 2	JP6/pins 3 & 4	JP6/pins 5 & 6
75MHz	50MHz	1.5x	Open	Open	Open
90MHz	60MHz	1.5x	Open	Open	Open
100MHz	66MHz	1.5x	Open	Open	Open
120MHz	60MHz	2x	Closed	Open	Open
133MHz	66MHz	2x	Closed	Open	Open
150MHz	60MHz	2.5x	Closed	Closed	Open
166MHz	66MHz	2.5x	Closed	Closed	Open
180MHz	60MHz	3x	Open	Closed	Open
200MHz	66MHz	3x	Open	Closed	Open

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CPU SPEED SELECTION (INTEL MMX)					
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4
150MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2.5x	1 & 2	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	1 & 2	2 & 3
233MHz	66MHz	3.5x	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX, CON'T)					
CPU speed	Clock speed	Multiplier	JP6/pins 1 & 2	JP6/pins 3 & 4	JP6/pins 5 & 6
150MHz	60MHz	2.5x	Closed	Closed	Open
166MHz	66MHz	2.5x	Closed	Closed	Open
200MHz	66MHz	3x	Open	Closed	Open
233MHz	66MHz	3.5x	Open	Open	Open

CPU VOLTAGE SELECTION					
Voltage	JP6/pins 7 & 8	JP6/pins 9 & 10	JP6/pins 11 & 12	JP6/pins 13 & 14	JP6/pins 15 & 16
2.8v	Open	Open	Open	Open	Closed
2.9v	Open	Open	Open	Closed	Open
3.2v	Open	Open	Closed	Open	Open
3.3v	Open	Closed	Open	Open	Open
3.5v	Closed	Open	Open	Open	Open