IPC CORPORATION, LTD.
IPC MBPOSIIE-16#02

Processor	80286
Processor Speed	16MHz
Chip Set	Unidentified
Max. Onboard DRAM	4MB
Cache	None
BIOS	Unidentified
Dimensions	330mm x 218mm
I/O Options	Floppy drive interface, external floppy drive, IDE interface, parallel port, drawer port, scanner port, printer power output port, numeric display connector, numeric display power connector, external numeric display connector, internal numeric display connector, external keyboard connector, keyboard controller interface, keyboard connector, printer power input, serial ports (2), riser slot
NPU Options	80287
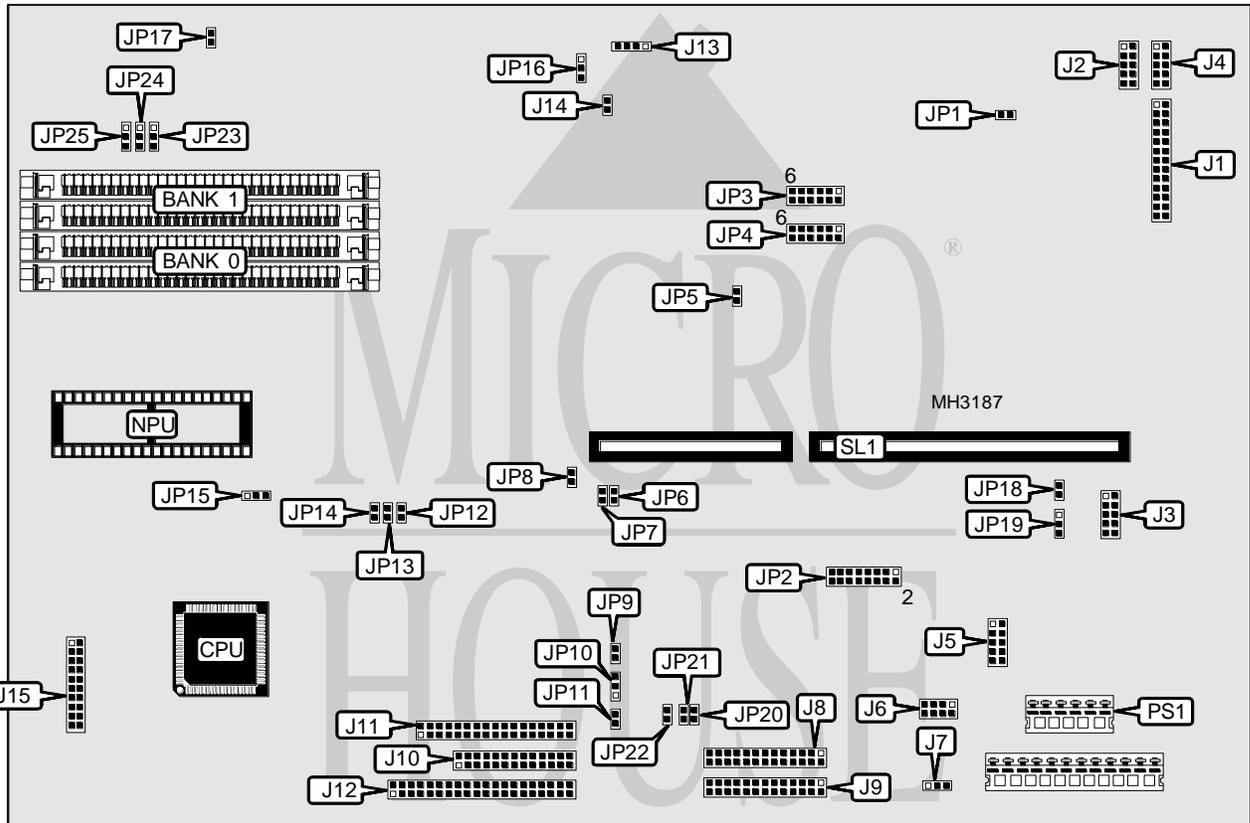
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CONNECTIONS			
Purpose	Location	Purpose	Location
Parallel port	J1	Serial port 2/external floppy drive	J10
Serial port 1	J2	Floppy drive interface	J11
Drawer port	J3	IDE interface	J12
Scanner port	J4	External keyboard connector	J13
Printer power output port	J5	Speaker	J14
Numeric display connector	J6	Keyboard controller interface	J15
Numeric display power connector	J7	Keyboard connector	J16
External numeric display connector	J8	Riser slot	SL1
Internal numeric display connector	J9	Printer power input	PS1
Note: The location of J16 is unidentified.			

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP1	N/A
í Non volatile RAM type select 128KB	JP5	Open
Non volatile RAM type select 8KB/32KB	JP5	Closed
í Floppy drive set as drive A	JP9	Open
Floppy drive set as drive B	JP9	Closed
í Keylock level 1 to control floppy access disabled	JP10	pins 2 & 3 closed
Keylock level 1 to control floppy access enabled	JP10	pins 1 & 2 closed
í Reset disabled	JP11	Open
Reset enabled	JP11	Closed
í Factory configured - do not alter	JP12	N/A
CMOS memory clear using BQ3287AMT	JP16	pins 1 & 2 closed
CMOS memory clear using BQ3287MT	JP16	pins 2 & 3 closed
í Monitor type select monochrome	JP17	Open
Monitor type select color/EGA/VGA	JP17	Closed
í 12v to scanner port disabled	JP18	Open
12v to scanner port enabled	JP18	Closed
í Drawer port voltage select 12v	JP19	pins 1 & 2 closed
Drawer port voltage select 25v	JP19	pins 2 & 3 closed
í 5v to external floppy drive disabled	JP20	Open
5v to external floppy drive enabled	JP20	Closed
í 12v to external floppy drive disabled	JP21	Open
12v to external floppy drive enabled	JP21	Closed
í Factory configured - do not alter	JP22	N/A
í Keylock level 1 to control write access to NVR disabled	JP23	pins 1 & 2 closed
Keylock level 1 to control write access to NVR enabled	JP23	pins 2 & 3 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
512KB	(2) 256K x 9	NONE
1MB	(2) 256K x 9	(2) 256K x 9
2MB	(2) 1M x 9	NONE
4MB	(2) 1M x 9	(2) 1M x 9

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NPU SPEED CONFIGURATION			
Speed	JP13	JP14	JP15
8MHz	Closed	Open	pins 1 & 2 closed
í 10MHz	Open	Closed	pins 2 & 3 closed

I/O ADDRESS RANGE CONFIGURATION	
Port	JP2
í 100H	pins 1 & 2 closed
110H	pins 3 & 4 closed
120H	pins 5 & 6 closed
130H	pins 7 & 8 closed
140H	pins 9 & 10 closed
150H	pins 11 & 12 closed
160H	pins 13 & 14 closed
170H	pins 15 & 16 closed

ONBOARD FLOPPY/IDE CONFIGURATION			
Setting	JP6	JP7	JP8
í Enabled	Closed	Closed	Closed
Disabled	Open	Open	Open

KEYLOCK LEVEL 1 OR 5 TO CONTROL READ ACCESS TO NVR CONFIGURATION		
Setting	JP24	JP25
í Disabled	pins 1 & 2 closed	pins 1 & 2 closed
Enabled	pins 2 & 3 closed	pins 2 & 3 closed

PARALLEL PORT CONFIGURATION				
LPT/IRQ	JP3 pins 5 & 11	JP3 pins 6 & 12	JP4 pins 1 & 7	JP4 pins 2 & 8
LPT1/IRQ7	Open	Closed	Open	Closed
LPT2/IRQ5	Closed	Open	Closed	Open
Disabled	Open	Open	Open	Open

SERIAL PORT 1 CONFIGURATION				
Setting	JP3 pins 1 & 7	JP3 pins 2 & 8	JP4 pins 3 & 9	JP4 pins 4 & 10
í COM1 enabled	Open	Closed	Open	Closed
COM3 enabled	Closed	Open	Open	Closed

SERIAL PORT 2 CONFIGURATION				
Setting	JP3 pins 3 & 9	JP3 pins 4 & 10	JP4 pins 5 & 11	JP4 pins 6 & 12
í COM2 enabled	Open	Closed	Open	Closed
COM4 enabled	Closed	Open	Open	Closed