IPC CORPORATION
IPC SE/SEL/VALUEMAGIC/FAMILYMAGIC (MB486PCI)

Processor	80486SX/80486DX/80486DX2/P24C/Pentium Overdrive
Processor Speed	33/66(internal)MHz
Chip Set	Intel
Max. Onboard DRAM	128MB
Cache	128KB
BIOS	Unidentified
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interface, parallel port, serial ports (2)
NPU Options	None
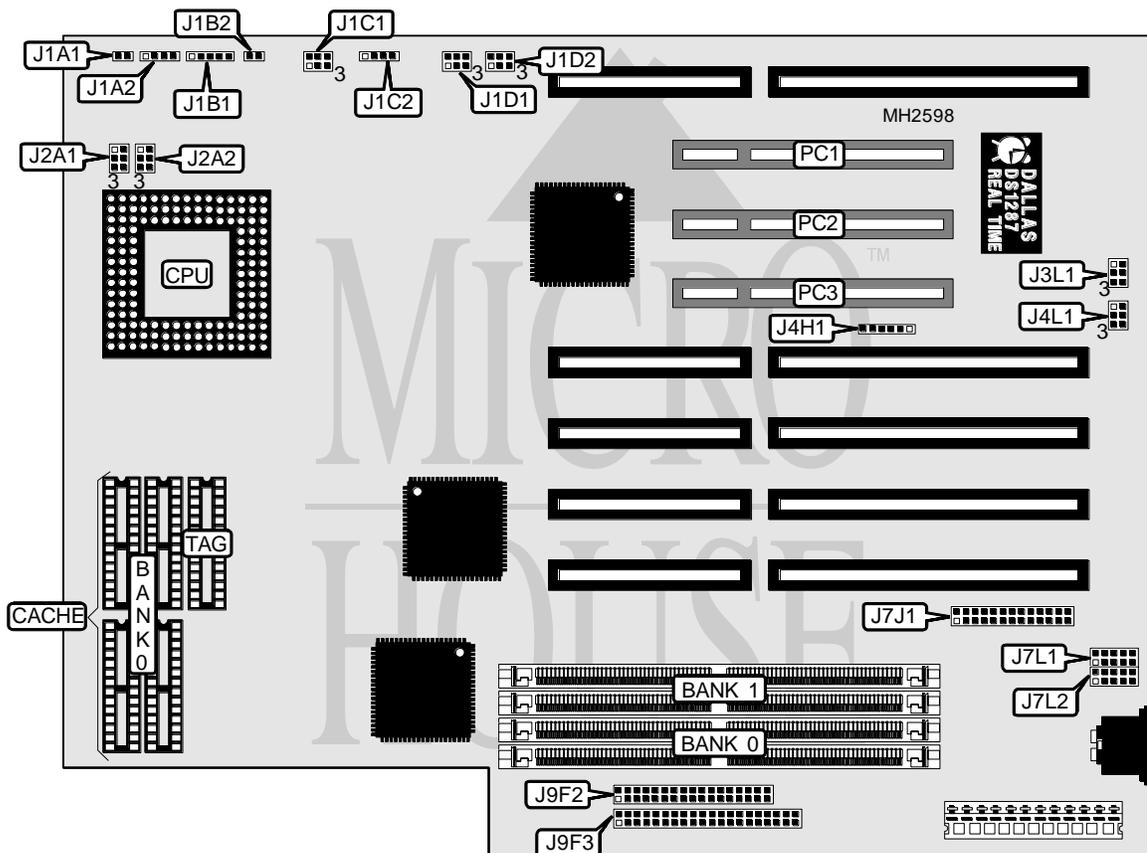
CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo LED	J1A1	Parallel port	J7J1
IDE interface LED	J1A2	Serial port 2	J7L1
Power LED & keylock	J1B1	Serial port 1	J7L2
Reset switch	J1B2	Floppy drive interface	J9F2
Turbo switch	J1C1 pins 1 - 3	IDE interface	J9F3
Speaker	J1C2	32-bit PCI slots	PC1 - PC3
Auxiliary power connector	J4H1		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Flash recovery mode select normal mode	J1D1	pins 1 & 2 closed
Flash recovery mode select recovery mode	J1D1	pins 2 & 3 closed
í Flash BIOS write protect enabled	J1D2	pins 2 & 3 closed
Flash BIOS write protect disabled	J1D2	pins 1 & 2 closed
í Monitor type select color	J3L1	pins 2 & 3 closed
Monitor type select monochrome	J3L1	pins 1 & 2 closed
í CMOS memory normal operation	J3L1	pins 5 & 6 closed
CMOS memory clear	J3L1	pins 4 & 5 closed
í Setup entry enabled	J4L1	pins 1 & 2 closed
Setup entry disabled	J4L1	pins 2 & 3 closed
í Password type select do not clear	J4L1	pins 4 & 5 closed
Password type select clear	J4L1	pins 5 & 6 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 512K x 36	(2) 512K x 36
8MB	(2) 1M x 36	NONE
10MB	(2) 1M x 36	(2) 256K x 36
10MB	(2) 256K x 36	(2) 1M x 36
12MB	(2) 1M x 36	(2) 512K x 36
12MB	(2) 512K x 36	(2) 1M x 36
16MB	(2) 1M x 36	(2) 1M x 36
16MB	(2) 2M x 36	NONE
18MB	(2) 2M x 36	(2) 256K x 36
18MB	(2) 256K x 36	(2) 2M x 36
20MB	(2) 2M x 36	(2) 512K x 36
20MB	(2) 512K x 36	(2) 2M x 36
24MB	(2) 2M x 36	(2) 1M x 36
24MB	(2) 1M x 36	(2) 2M x 36
32MB	(2) 2M x 36	(2) 2M x 36
32MB	(2) 4M x 36	NONE
34MB	(2) 4M x 36	(2) 256K x 36
34MB	(2) 256K x 36	(2) 4M x 36
36MB	(2) 4M x 36	(2) 512K x 36
36MB	(2) 512K x 36	(2) 4M x 36
40MB	(2) 4M x 36	(2) 1M x 36
40MB	(2) 1M x 36	(2) 4M x 36
48MB	(2) 4M x 36	(2) 2M x 36
48MB	(2) 2M x 36	(2) 4M x 36
64MB	(2) 4M x 36	(2) 4M x 36
64MB	(2) 8M x 36	NONE
66MB	(2) 8M x 36	(2) 256K x 36
66MB	(2) 256K x 36	(2) 8M x 36
68MB	(2) 8M x 36	(2) 512K x 36

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DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
68MB	(2) 512K x 36	(2) 8M x 36
72MB	(2) 8M x 36	(2) 1M x 36
72MB	(2) 1M x 36	(2) 8M x 36
80MB	(2) 8M x 36	(2) 2M x 36
80MB	(2) 2M x 36	(2) 8M x 36
96MB	(2) 8M x 36	(2) 4M x 36
96MB	(2) 4M x 36	(2) 8M x 36
128MB	(2) 8M x 36	(2) 8M x 36

CACHE CONFIGURATION		
Size	Bank 0	TAG
128KB	(4) 32K x 8	(1) 8K x 8

CACHE JUMPER CONFIGURATION	
Size	J1C1
0KB	pins 5 & 6 closed
128KB	pins 4 & 5 closed

CPU VOLTAGE CONFIGURATION		
Voltage	J2A1	J2A2
3.3v	pins 2 & 3, 5 & 6 closed	pins 2 & 3, 5 & 6 closed
5v	pins 1 & 2, 4 & 5 closed	pins 1 & 2, 4 & 5 closed