

MB-PAM-0052I  
PENTIUM MOTHERBOARD LAYOUT AND CONFIGURATION

S=SHORTED      O=OPEN  
1-2 = PINS 1 AND 2 SHORTED

CONNECTORS AND JUMPERS:

POWER SUPPLY CONNECTOR (PW1)

1 = GROUND  
2 = GROUND

3 = -5 VDC  
4 = +5 VDC  
5 = +5 VDC  
6 = +5 VDC

1 = POWER GOOD  
2 = +5 VDC  
3 = +12 VDC  
4 = -12 VDC  
5 = GROUND  
6 = GROUND

RESET SWITCH CONNECTOR (J1)

S = RESET  
0 = NOT RESET

SPEAKER CONNECTOR (J2)

1 = DATA OUT  
2 = NOT USED  
3 = GROUND  
4 = GROUND

KEYLOCK CONNECTOR (J3)

1 = LED POWER  
2 = NOT USED  
3 = GROUND

4 =

KEYBOARD INHIBITOR

KEYBOARD CONNECTOR (KB)

1 = KEYBOARD CLOCK  
2 = KEYBOARD DATA  
3 = SPARE  
4 = GROUND  
5 = +5 VDC

5 = GROUND

TURBO LED CONNECTOR (JP18)

1 = +ANODE  
2 = -CATHODE

PCI BUS INTERRUPT SETTING

	1-2	2-3
JP4	IRQ14	IRQ9
JP5	IRQ15	IRQ10
JP6	IRQ12	IRQ11
JP7	IRQ5	IRQ14

CPU CLOCK SELECTION WITH MX8315 (JP8)

	1-2	3-4	5-6
75 MHZ	S	0	0
90 MHZ	0	S	0
100 MHZ	S	0	S

CPU CLOCK SETTING WITH IMI466 (JP8)

	1-2	3-4	5-6
75 MHZ	S	0	0
90 MHZ	S	0	S

100 MHZ S S S

CPU CLOCK SETTING WITH ADV9107-03 (JP8)

	1-2	3-4	5-6
75 MHZ	S	0	S
90 MHZ	0	S	0
100 MHZ	S	S	0

CACHE SIZE AND JUMPER SETTINGS (JP10, JP13)

	256K	512K
SRAM	32K*8	64K*8
JP10	1-2	2-3
JP13	2-3	2-3

MEMORY INSTALLATION:

THIS MOTHERBOARD IS EQUIPPED WITH THREE BANKS OF TWO SIMM SOCKETS EACH. THE USER CAN INSTALL EITHER 256K, 1/4/16MB 72 PIN SIMMS. THE SPEED OF THE SIMMS MUST BE AT LEAST 70ns OR FASTER.