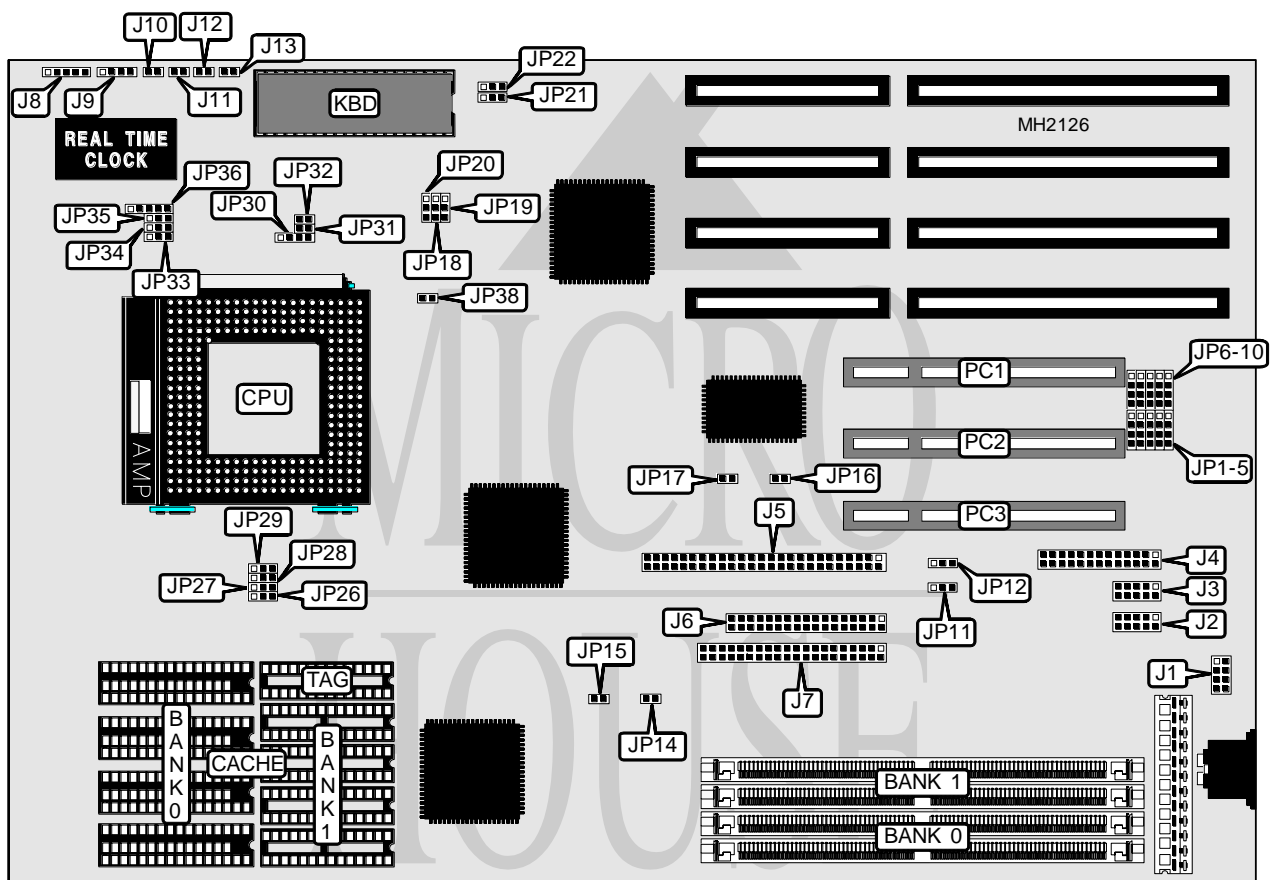


ASUS AMERICA, INC.

PCI/I-486SP3G

Processor	80486SX/80486SX2/80487SX/80486DX/ODP486SX/80486DX2/80486DX4/ Pentium Overdrive
Processor Speed	25/33/50(internal)/66(internal)/100(internal)MHz
Chip Set	Intel
Max. Onboard DRAM	128MB
Cache	128/256/512KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI bus slots (3), floppy drive interface, green PC feature, IDE interface, parallel port, PS/2 mouse port, serial ports (2), SCSI interface
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	J1	Speaker	J9
Serial port 2	J2	Reset switch	J10
Serial port 1	J3	Turbo LED	J11
Parallel port	J4	Turbo switch	J12
SCSI interface	J5	Green PC connector	J13
Floppy drive interface	J6	IDE interface LED	JP14
IDE interface	J7	SCSI interface LED	JP15
Power LED & keylock	J8	32-bit PCI bus slots	PC1 - PC3

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í SCSI termination enabled	JP16	Open
SCSI termination disabled	JP16	pins 1 & 2 closed
í On board SCSI controller disabled	JP17	pins 1 & 2 closed
On board SCSI controller enabled	JP17	Open
í Factory configured - do not alter	JP19	Open
í Flash BIOS voltage select 12 volt	JP21	pins 1 & 2 closed
Flash BIOS voltage select 5 volt	JP21	pins 2 & 3 closed
í On board mouse disabled(IRQ12)	JP22	pins 1 & 2 closed
On board mouse enabled (IRQ12)	JP22	pins 2 & 3 closed
í 80486DX4 clock multiple select 2x	JP33	pins 2 & 3 closed
80486DX4 clock multiple select 3x	JP33	Open

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
2MB	(2) 256K x 36	NONE
4MB	(2) 256K x 36	(2) 256K x 36
4MB	(2) 512K x 36	NONE
6MB	(2) 512K x 36	(2) 256K x 36
6MB	(2) 256K x 36	(2) 512K x 36
8MB	(2) 512K x 36	(2) 512K x 36
8MB	(2) 1M x 36	NONE
10MB	(2) 256K x 36	(2) 1M x 36
10MB	(2) 1M x 36	(2) 256K x 36
12MB	(2) 512K x 36	(2) 1M x 36
12MB	(2) 1M x 36	(2) 512K x 36
16MB	(2) 1M x 36	(2) 1M x 36
16MB	(2) 2M x 36	NONE
18MB	(2) 256K x 36	(2) 2M x 36
18MB	(2) 2M x 36	(2) 256K 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

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DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
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) 2M x 36	(2) 4M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	NONE
64MB	(2) 4M x 36	(2) 4M x 36
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
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) 4M x 36	(2) 8M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	NONE	(1) 8K x 8
	256KB	(4) 32K x 8	
512KB	(4) 128K x 8	NONE	(1) 32K x 8

CACHE JUMPER CONFIGURATION				
Size	JP26	JP27	JP28	JP29
128KB	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
256KB	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
512KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed

CPU TYPE CONFIGURATION			
Type	JP30	JP31	JP32
Non SL CPU	pins 2 & 3 closed	pin 1 closed	pin 1 closed
SL CPU	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed

Note: One jumper cap closes between pin 1 on JP31 & pin 1 on JP32.

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CPU TYPE CONFIGURATION				
Type	JP34	JP35	JP36	JP38
80486SX/SX2	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed	Open
80487SX	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	Open
80486DX/DX2	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	Open
ODP80486SX	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	Open
P24D	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2, 4 & 5 closed	Closed
Pentium Overdrive	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2, 4 & 5 closed	Open

CPU SPEED CONFIGURATION		
Speed	JP18	JP20
25MHz	pins 2 & 3 closed	pins 2 & 3 closed
33MHz	pins 1 & 2 closed	pins 2 & 3 closed
50iMHz	pins 2 & 3 closed	pins 2 & 3 closed
66iMHz	pins 1 & 2 closed	pins 2 & 3 closed
100iMHz	pins 1 & 2 closed	pins 2 & 3 closed

DMA CHANNEL CONFIGURATION		
Channel	JP11	JP12
DMA 1	pins 1 & 2 closed	pins 1 & 2 closed
DMA 3	pins 2 & 3 closed	pins 2 & 3 closed

PCI INTERRUPT CONFIGURATION (IRQ 5)		
PCI slot	JP1	JP6
Default	pins 2 & 3 closed	pins 2 & 3 closed
PC1	pins 1 & 2 closed	N/A
PC2	pins 3 & 4 closed	N/A
PC3	N/A	pins 1 & 2 closed
NCR SCSI	N/A	pins 3 & 4 closed

PCI INTERRUPT CONFIGURATION (IRQ 9)		
PCI slot	JP2	JP7
Default	pins 2 & 3 closed	pins 2 & 3 closed
PC1	pins 1 & 2 closed	N/A
PC2	pins 3 & 4 closed	N/A
PC3	N/A	pins 1 & 2 closed
NCR SCSI	N/A	pins 3 & 4 closed

PCI INTERRUPT CONFIGURATION (IRQ 11)		
PCI slot	JP3	JP8
Default	pins 2 & 3 closed	pins 2 & 3 closed
PC1	pins 1 & 2 closed	N/A
PC2	pins 3 & 4 closed	N/A
PC3	N/A	pins 1 & 2 closed
NCR SCSI	N/A	pins 3 & 4 closed

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PCI INTERRUPT CONFIGURATION (IRQ 14)		
PCI slot	JP4	JP9
Default	pins 2 & 3 closed	pins 2 & 3 closed
PC1	pins 1 & 2 closed	N/A
PC2	pins 3 & 4 closed	N/A
PC3	N/A	pins 1 & 2 closed
NCR SCSI	N/A	pins 3 & 4 closed

PCI INTERRUPT CONFIGURATION (IRQ 15)		
PCI slot	JP5	JP10
Default	pins 2 & 3 closed	pins 2 & 3 closed
PC1	pins 1 & 2 closed	N/A
PC2	pins 3 & 4 closed	N/A
PC3	N/A	pins 1 & 2 closed
NCR SCSI	N/A	pins 3 & 4 closed
Note: The NCR SCSI is the on board SCSI controller.		