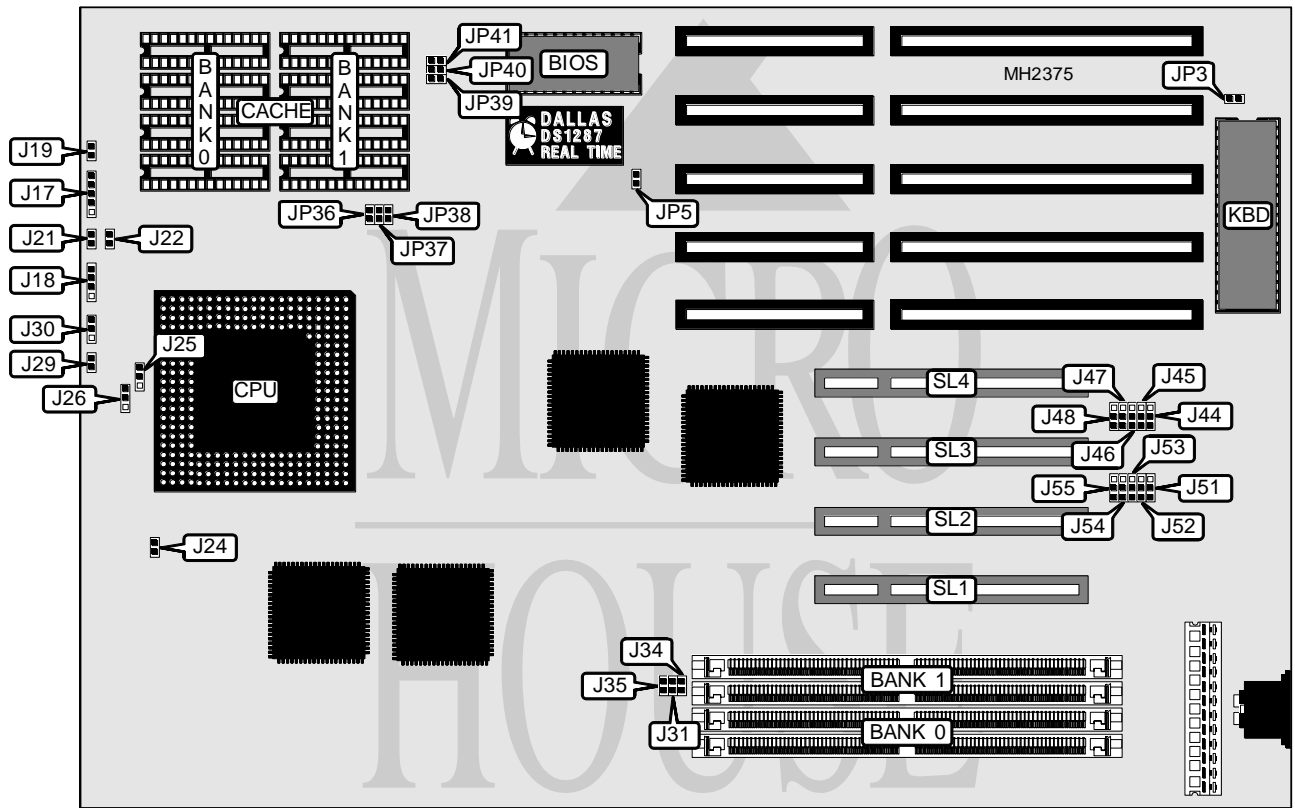


SOYO COMPUTER CO., LTD. PENTIUM (P54C) PCI MAINBOARD

Processor	Pentium
Processor Speed	90/100MHz
Chip Set	Unidentified
Max. Onboard DRAM	512MB
Cache	256/512KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI bus slots (4), green PC connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	J17	Green PC connector	J21
Speaker	J18	Green PC LED	J22
Reset switch	J19	32-bit PCI bus slots	SL1 - SL4

Continued on next page. . .

SOYO COMPUTER CO., LTD.
PENTIUM (P54C) PCI MAINBOARD

... continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Ppeline address disabled	J24	Open
Pipeline address enabled	J24	Closed
í Cache type select write back	J29	Open
Cache type select write through	J29	Closed
í Monitor type select color	JP3	Closed
Monitor type select monochrome	JP3	Open
í CMOS memory normal operation	JP5	Open
CMOS memory clear	JP5	Closed
í Factory configured - do not alter	JP36	Closed
í Factory configured - do not alter	JP37	Closed
í Factory configured - do not alter	JP38	Closed
í Factory configured - do not alter	JP39	Open
í Factory configured - do not alter	JP40	Open
í Factory configured - do not alter	JP41	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
8MB	(2) 512K x 36	(2) 512K x 36
8MB	(2) 1M x 36	NONE
10MB	(2) 256K x 36	(2) 1M x 36
12MB	(2) 512K x 36	(2) 1M x 36
16MB	(2) 2M x 36	NONE
16MB	(2) 1M x 36	(2) 1M x 36
20MB	(2) 512K x 36	(2) 2M x 36
24MB	(2) 1M x 36	(2) 2M x 36
32MB	(2) 4M x 36	NONE
32MB	(2) 2M x 36	(2) 2M x 36
48MB	(2) 2M x 36	(2) 4M x 36
64MB	(2) 8M x 36	NONE
64MB	(2) 4M x 36	(2) 4M x 36
68MB	(2) 512K x 36	(2) 8M x 36
80MB	(2) 2M x 36	(2) 8M x 36
96MB	(2) 4M x 36	(2) 8M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	NONE
256MB	(2) 16M x 36	(2) 16M x 36
256MB	(2) 32M x 36	NONE
512MB	(2) 32M x 36	(2) 32M x 36

Continued on next page. . .

SOYO COMPUTER CO., LTD.
PENTIUM (P54C) PCI MAINBOARD

... continued from previous page

CACHE CONFIGURATION		
Size	Bank 0	Bank 1
256KB	(4) 32K x 8	(4) 32K x 8
512KB	(4) 64K x 8	(4) 64K x 8

CACHE JUMPER CONFIGURATION		
Size	J25	J26
256KB	pins 2 & 3 closed	pins 1 & 2 closed
512KB	pins 2 & 3 closed	pins 2 & 3 closed

CPU SPEED CONFIGURATION			
Speed	JP31	JP34	JP35
90MHz	Closed	Open	Open
100MHz	Open	Closed	Closed

PCI IRQ CONFIGURATION (IRQ 10)		
PIRQ	J44	J51
PIRQ 0	Open	pins 1 & 2 closed
PIRQ 1	Open	pins 2 & 3 closed
PIRQ 2	pins 1 & 2 closed	Open
PIRQ 3	pins 2 & 3 closed	Open

PCI IRQ CONFIGURATION (IRQ 11)		
PIRQ	J45	J52
PIRQ 0	Open	pins 1 & 2 closed
PIRQ 1	Open	pins 2 & 3 closed
PIRQ 2	pins 1 & 2 closed	Open
PIRQ 3	pins 2 & 3 closed	Open

PCI IRQ CONFIGURATION (IRQ 12)		
PIRQ	J46	J53
PIRQ 0	Open	pins 1 & 2 closed
PIRQ 1	Open	pins 2 & 3 closed
PIRQ 2	pins 1 & 2 closed	Open
PIRQ 3	pins 2 & 3 closed	Open

PCI IRQ CONFIGURATION (IRQ 14)		
PIRQ	J47	J54
PIRQ 0	Open	pins 1 & 2 closed
PIRQ 1	Open	pins 2 & 3 closed
PIRQ 2	pins 1 & 2 closed	Open
PIRQ 3	pins 2 & 3 closed	Open

Continued on next page. . .

**SOYO COMPUTER CO., LTD.
PENTIUM (P54C) PCI MAINBOARD***... continued from previous page*

PCI IRQ CONFIGURATION (IRQ 15)		
PIRQ	J48	J55
PIRQ 0	Open	pins 1 & 2 closed
PIRQ 1	Open	pins 2 & 3 closed
PIRQ 2	pins 1 & 2 closed	Open
PIRQ 3	pins 2 & 3 closed	Open

HOST BUS FREQUENCY CONFIGURATION	
Setting	J30
Full speed	Open
2/3 speed	pins 1 & 2 closed
1/2 speed	pins 2 & 3 closed