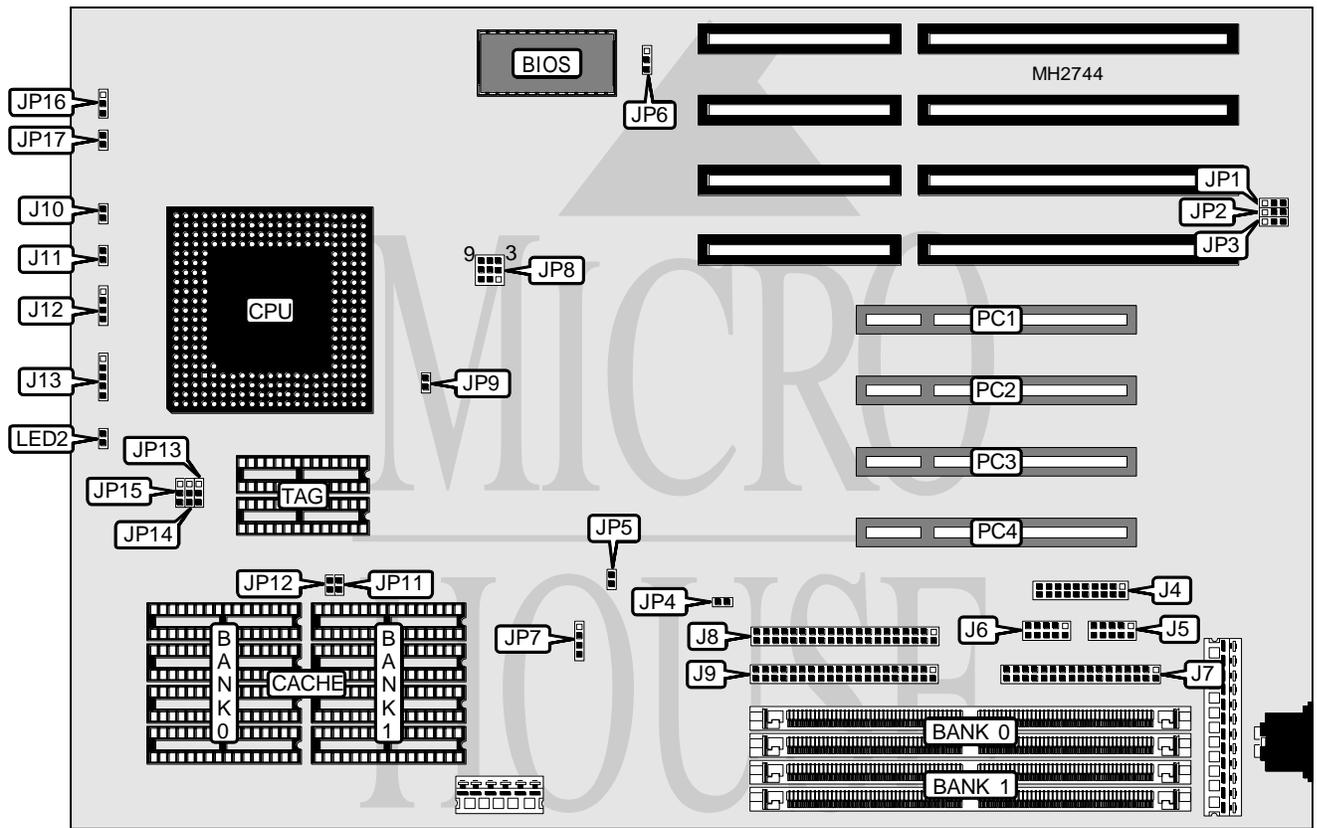


# RELIALOGIC CORPORATION PRIVATE, LTD.

## SI54A

<b>Processor</b>	Pentium
<b>Processor Speed</b>	75/90/100MHz
<b>Chip Set</b>	SIS
<b>Max. Onboard DRAM</b>	128MB
<b>Cache</b>	256/512/1024KB
<b>BIOS</b>	Award
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, serial ports (2)
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Parallel port	J4	Reset switch	J11
Serial port 1	J5	Speaker	J12
Serial port 2	J6	Power LED & keylock	J13
Floppy drive interface	J7	Turbo LED	LED1
IDE interface (secondary)	J8	IDE interface LED	LED2
IDE interface (primary)	J9	32-bit PCI slots	PCI - PC4
Turbo switch	J10		

Note: The location of LED1 is unidentified.

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í On board I/O enabled	JP3	pins 1 & 2 closed
On board I/O disabled	JP3	pins 2 & 3 closed
í IDE interface enabled	JP4	Open
IDE interface disabled	JP4	Closed
í Parity check enabled	JP5	Closed
Parity check disabled	JP5	Open
í Factory configured - do not alter	JP9	N/A
í Cache invalidation select always invalidated	JP13	pins 1 & 2 closed
Cache invalidation select writes to invalidated	JP13	pins 2 & 3 closed
í Cache write select write back	JP14	pins 1 & 2 closed
Cache write select write through	JP14	pins 2 & 3 closed
í Factory configured - do not alter	JP15	N/A
í Factory configured - do not alter	JP16	N/A
í Factory configured - do not alter	JP17	N/A

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
16MB	(2) 1M x 36	(2) 1M x 36
16MB	(2) 2M x 36	NONE
32MB	(2) 2M x 36	(2) 2M x 36
36MB	(2) 512K x 36	(2) 4M x 36
40MB	(2) 1M x 36	(2) 4M 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
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	NONE

DRAM JUMPER CONFIGURATION	
Type	JP7
Single side SIMMs only	pins 2 & 3 closed
Bank 0 = single side SIMMs & Bank 1 = double side SIMMs	pins 1 & 2, 3 & 4 closed

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
256KB	(4) 32K x 8	(4) 32K x 8	(2) 32K x 8
512KB	(4) 64K x 8	(4) 64K x 8	(2) 32K x 8
1MB	(4) 128K x 8	(4) 128K x 8	(2) 32K x 8

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## SI54A

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CACHE JUMPER CONFIGURATION		
Size	JP11	JP12
256KB	Open	Open
512KB	Closed	Closed
1MB	Closed	Closed

CPU SPEED CONFIGURATION	
Speed	JP8
75MHz	pins 2 & 3, 5 & 6, 7 & 8 closed
90MHz	pins 2 & 3, 4 & 5, 8 & 9 closed
100MHz	pins 1 & 2, 5 & 6, 7 & 8 closed

BIOS CONFIGURATION	
Type	JP6
EPROM	pins 1 & 2 closed
Flash 5v	pins 1 & 2 closed
Flash 12v	pins 2 & 3 closed

DACK/DRQ CONFIGURATION		
DACK/DRQ	JP1	JP2
DACK1/DRQ1	pins 1 & 2 closed	pins 2 & 3 closed
DACK3/DRQ3	pins 2 & 3 closed	pins 1 & 2 closed