EPOX COMPUTER CO., LTD.

P54C-SP

Device Type	Mainboard
Processor	Pentium
Processor Speed	75/90/100MHz
Chip Set	SIS 501
Maximum Onboard Memory	128MB
Cache	256/512/1024KB
BIOS	Award
Dimensions	254mm x 218mm
I/O Options	32-bit PCI slots (4), Legacy connector
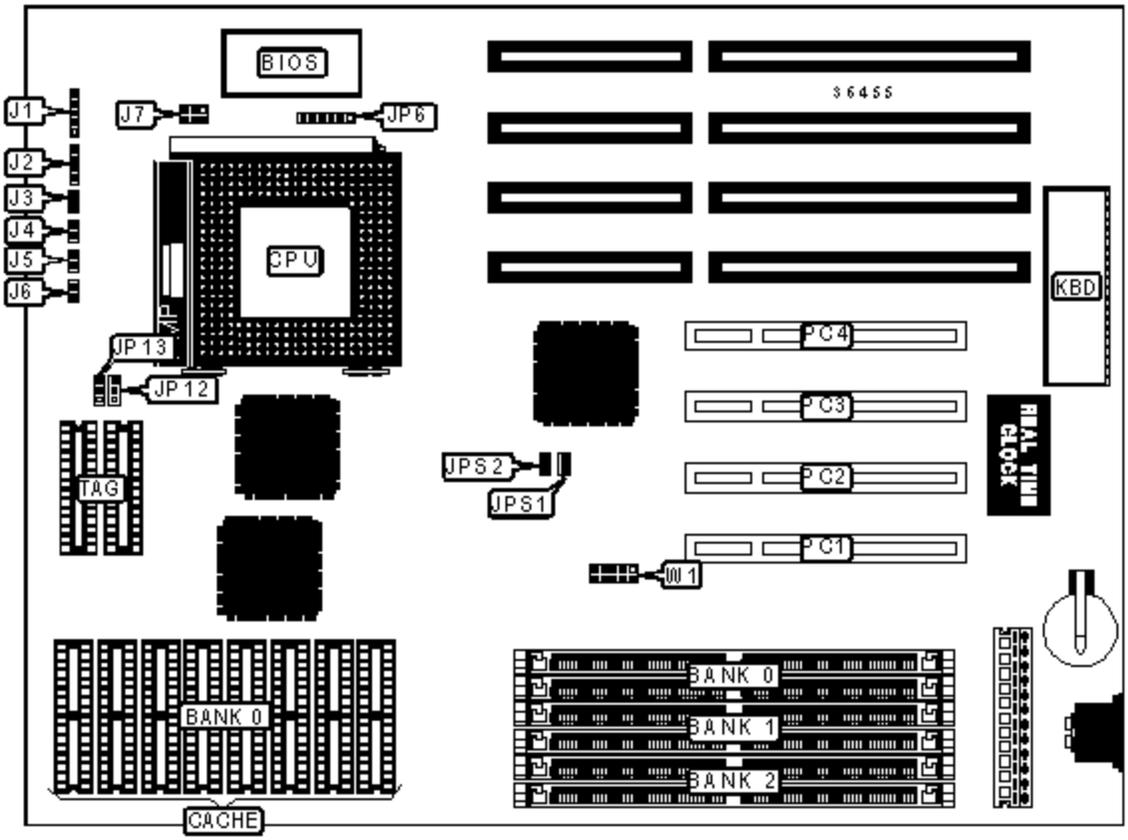
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Power LED & keylock	J1	Green PC LED	J6
Speaker	J2	CPU fan power	J7
Reset switch	J3	32-bit PCI slots	PC1 – PC4
Turbo switch	J4	Legacy connector	W1
Turbo LED	J5		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
BIOS type select flash BIOS	JP6	Pins 1 & 2, 5 & 6 closed
BIOS type select EPROM	JP6	Pins 2 & 3, 4 & 5 closed

SIMM CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**Bank 2**
2MB	(2) 256K x 36	None	None
4MB	(2) 256K x 36	(2) 256K x 36	None
4MB	(2) 512K x 36	None	None
8MB	(2) 512K x 36	(2) 512K x 36	None
10MB	(2) 1M x 36	(2) 256K x 36	None
12MB	(2) 512K x 36	(2) 1M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36	None
16MB	(2) 2M x 36	None	None
18MB	(2) 2M x 36	(2) 256K x 36	None
18MB	(2) 1M x 36	(2) 1M x 36	(2) 256K x 36
20MB	(2) 1M x 36	(2) 1M x 36	(2) 512K x 36
20MB	(2) 2M x 36	(2) 512K x 36	None
22MB	(2) 2M x 36	(2) 512K x 36	(2) 256K x 36
24MB	(2) 2M x 36	(2) 1M x 36	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
26MB	(2) 2M x 36	(2) 1M x 36	(2) 256K x 36
28MB	(2) 2M x 36	(2) 1M x 36	(2) 512K x 36
32MB	(2) 4M x 36	None	None
32MB	(2) 2M x 36	(2) 2M x 36	None
34MB	(2) 4M x 36	(2) 256K x 36	None
38MB	(2) 4M x 36	(2) 256K x 36	(2) 512K x 36

Size	Bank 0	Bank 1	Bank 2
40MB	(2) 4M x 36	(2) 1M x 36	None
40MB	(2) 4M x 36	(2) 512K x 36	(2) 512K x 36
42MB	(2) 4M x 36	(2) 1M x 36	(2) 256K x 36
44MB	(2) 4M x 36	(2) 1M x 36	(2) 512K x 36
48MB	(2) 4M x 36	(2) 2M x 36	None
48MB	(2) 4M x 36	(2) 1M x 36	(2) 1M x 36
50MB	(2) 4M x 36	(2) 2M x 36	(2) 256K x 36
52MB	(2) 4M x 36	(2) 2M x 36	(2) 512K x 36
56MB	(2) 4M x 36	(2) 2M x 36	(2) 1M x 36
64MB	(2) 8M x 36	None	None
64MB	(2) 4M x 36	(2) 4M x 36	None
66MB	(2) 8M x 36	(2) 256K x 36	None
66MB	(2) 4M x 36	(2) 4M x 36	(2) 256K x 36

SIMM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
68MB	(2) 8M x 36	(2) 512K x 36	None
68MB	(2) 4M x 36	(2) 4M x 36	(2) 512K x 36
70MB	(2) 8M x 36	(2) 256K x 36	(2) 512K x 36
72MB	(2) 8M x 36	(2) 512K x 36	(2) 512K x 36
74MB	(2) 8M x 36	(2) 1M x 36	(2) 256K x 36
76MB	(2) 8M x 36	(2) 512K x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36	None
80MB	(2) 8M x 36	(2) 1M x 36	(2) 1M x 36
82MB	(2) 8M x 36	(2) 2M x 36	(2) 256K x 36
84MB	(2) 8M x 36	(2) 2M x 36	(2) 512K x 36
88MB	(2) 8M x 36	(2) 2M x 36	(2) 1M x 36
96MB	(2) 8M x 36	(2) 4M x 36	None

96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
96MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36
98MB	(2) 8M x 36	(2) 4M x 36	(2) 256K x 36
100MB	(2) 8M x 36	(2) 4M x 36	(2) 512K x 36
104MB	(2) 8M x 36	(2) 4M x 36	(2) 1M x 36
112MB	(2) 8M x 36	(2) 4M x 36	(2) 2M x 36
128MB	(2) 8M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36	None

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
256KB	(4) 32K x 8	None	(2) 8K x 8
512KB	(4) 32K x 8	(4) 32K x 8	(2) 16K x 8
1MB	(4) 64K x 8	(4) 64K x 8	(2) 32K x 8

CACHE JUMPER CONFIGURATION		
Size	JP12	JP13
256KB	Pins 1 & 2 closed	Pins 1 & 2 closed
512KB	Pins 2 & 3 closed	Pins 1 & 2 closed
1MB	Pins 2 & 3 closed	Pins 2 & 3 closed

CPU SPEED SELECTION				
CPU speed	Clock speed	Multiplier	JPS1	JPS2
75MHz	50MHz	1.5x	Open	Open
90MHz	60MHz	1.5x	Open	Closed
100MHz	66MHz	1.5x	Closed	Closed